

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116482.D
 Acq On : 23 Aug 2019 17:34
 Operator : HP/JU
 Sample : PB122424BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Manual Integrations
 APPROVED

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 8/29/2019 8:23:36 AM

Quant Time: Aug 24 03:45:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103832	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	404289	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	187453	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	290550	20.00	ng	0.00
76) Chrysene-d12	14.03	240	178958	20.00	ng	0.00
87) Perylene-d12	15.49	264	190026	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	612590	86.20	ng	0.01
7) Phenol-d6	6.50	99	756399	86.81	ng	0.00
23) Nitrobenzene-d5	7.44	82	429877	58.17	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	150781	93.68	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	753498	64.73	ng	0.00
79) Terphenyl-d14	12.97	244	620346	64.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	114986	37.372	ng	96
3) Pyridine	3.49	79	283560	30.264	ng	99
4) n-Nitrosodimethylamine	3.43	42	123988	36.249	ng	99
6) Aniline	6.54	93	336759	28.548	ng	98
8) 2-Chlorophenol	6.67	128	263711	35.363	ng	100
9) Benzaldehyde	6.43	77	216197	37.136	ng	99
10) Phenol	6.52	94	323123m	34.150	ng	
11) bis(2-Chloroethyl)ether	6.62	93	259103	35.965	ng	99
12) 1,3-Dichlorobenzene	6.83	146	293360	36.345	ng	95
13) 1,4-Dichlorobenzene	6.90	146	297293	38.270	ng	99
14) 1,2-Dichlorobenzene	7.06	146	277308	37.840	ng	99
15) Benzyl Alcohol	7.02	79	239114	33.910	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	336868	33.819	ng	99
17) 2-Methylphenol	7.13	107	215558	34.888	ng	99
18) Hexachloroethane	7.40	117	112546	37.148	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	192605	32.395	ng	96
20) 3+4-Methylphenols	7.28	107	267912	35.397	ng	# 88
22) Acetophenone	7.29	105	375222	37.116	ng	# 98
24) Nitrobenzene	7.46	77	290599	37.973	ng	96
25) Isophorone	7.70	82	511408	35.118	ng	99
26) 2-Nitrophenol	7.77	139	122087	43.675	ng	99
27) 2,4-Dimethylphenol	7.81	122	222321	38.117	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	312965	34.800	ng	99
29) 2,4-Dichlorophenol	8.02	162	202042	36.425	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	235308	37.683	ng	98
31) Naphthalene	8.19	128	746981	38.194	ng	99
32) Benzoic acid	7.90	122	129598	34.757	ng	98
33) 4-Chloroaniline	8.23	127	160125	18.650	ng	97
34) Hexachlorobutadiene	8.31	225	129367	37.987	ng	99
35) Caprolactam	8.57	113	55709	28.834	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	210476	33.630	ng	98
37) 2-Methylnaphthalene	8.87	142	485324	36.141	ng	99
38) 1-Methylnaphthalene	8.97	142	453015	36.114	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	204047	40.459	ng	99

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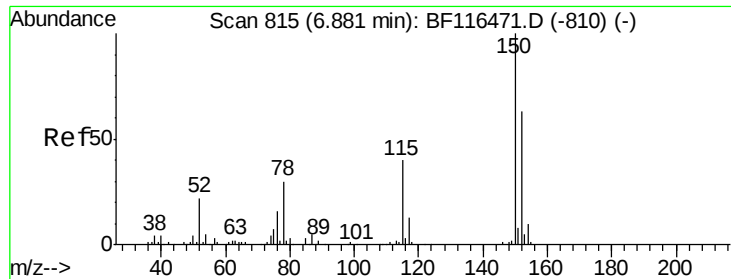
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	242320	89.303	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	135196	38.303	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	139318	38.791	nq	98
46) 1,1'-Biphenyl	9.34	154	585218	39.048	nq	99
47) 2-Chloronaphthalene	9.36	162	443222	38.147	nq	99
48) 2-Nitroaniline	9.45	65	120739	33.939	nq	91
49) Acenaphthylene	9.77	152	668783	39.342	nq	100
50) Dimethylphthalate	9.63	163	463389	35.431	nq	99
51) 2,6-Dinitrotoluene	9.69	165	99735	37.256	nq	89
52) Acenaphthene	9.95	154	436762	40.041	nq	99
53) 3-Nitroaniline	9.85	138	66909	20.968	nq	100
54) 2,4-Dinitrophenol	9.96	184	61681	61.072	nq	# 32
55) Dibenzofuran	10.12	168	575649	37.859	nq	99
56) 4-Nitrophenol	10.00	139	156226	62.989	nq	98
57) 2,4-Dinitrotoluene	10.09	165	124036	36.413	nq	90
58) Fluorene	10.46	166	432560	36.616	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	109453	37.116	nq	97
60) Diethylphthalate	10.33	149	443981	34.539	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	210954	36.604	nq	99
62) 4-Nitroaniline	10.46	138	94495	30.278	nq	97
63) Azobenzene	10.62	77	484827	36.682	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	46375	40.250	nq	84
66) n-Nitrosodiphenylamine	10.57	169	372342	39.577	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	122449	40.199	nq	96
68) Hexachlorobenzene	11.01	284	128478	38.134	nq	# 90
69) Atrazine	11.09	200	102215	36.262	nq	99
70) Pentachlorophenol	11.20	266	146538	74.549	nq	99
71) Phenanthrene	11.42	178	615989	38.918	nq	98
72) Anthracene	11.47	178	626858	39.413	nq	100
73) Carbazole	11.62	167	512978	35.932	nq	99
74) Di-n-butylphthalate	11.96	149	646184	36.526	nq	100
75) Fluoranthene	12.60	202	577948	35.318	nq	98
77) Benzidine	12.72	184	241171	33.496	nq	97
78) Pyrene	12.83	202	582167	40.678	nq	99
80) Butylbenzylphthalate	13.45	149	240046	38.838	nq	90
81) Benzo(a)anthracene	14.02	228	442963	38.218	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	126432	30.610	nq	99
83) Chrysene	14.06	228	441830	37.610	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	338853	41.115	nq	98
85) Di-n-octyl phthalate	14.63	149	564949	40.377	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	519817	51.655	nq	99
88) Benzo(b)fluoranthene	15.07	252	433548	36.933	nq	97
89) Benzo(k)fluoranthene	15.10	252	411700	38.712	nq	99
90) Benzo(a)pyrene	15.43	252	417496	40.241	nq	98
91) Dibenzo(a,h)anthracene	16.98	278	433717	50.874	nq	97
92) Benzo(g,h,i)perylene	17.40	276	446149	54.894	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

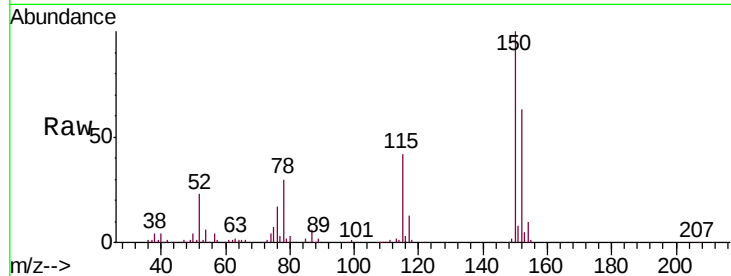
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.7	190.1
115	65.8	50.9	76.3

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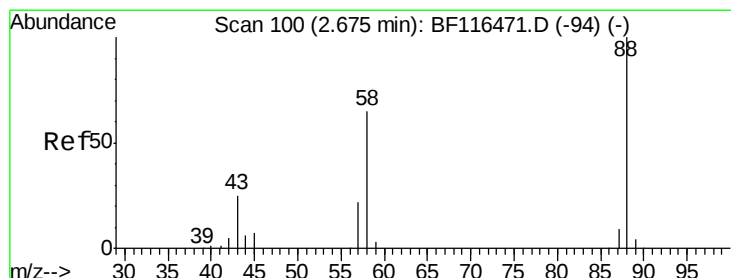
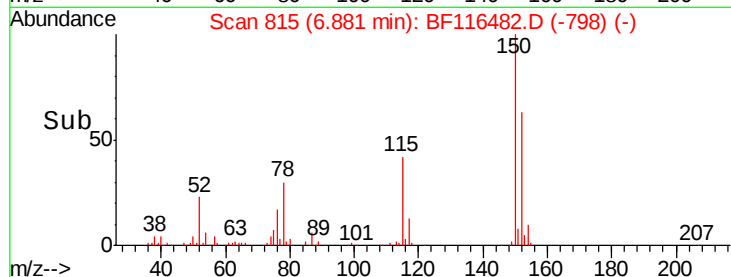
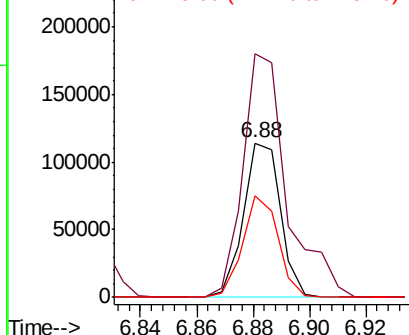


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

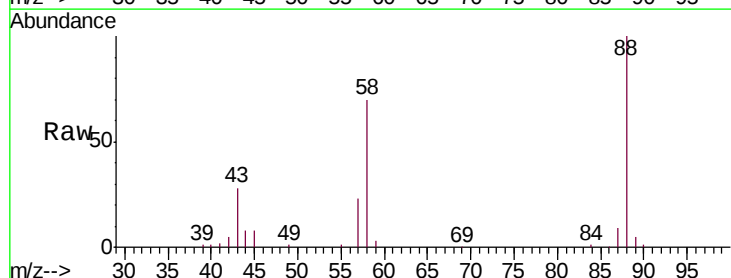
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.372 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	53.4	80.0
43	27.3	21.2	31.8

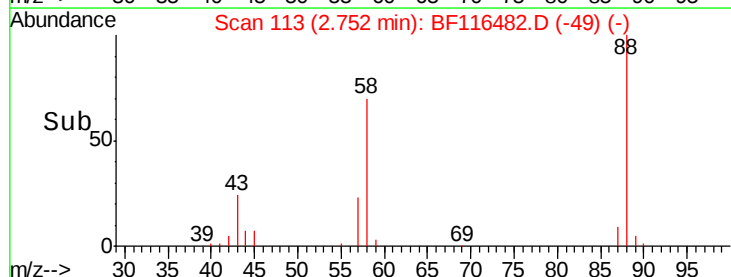
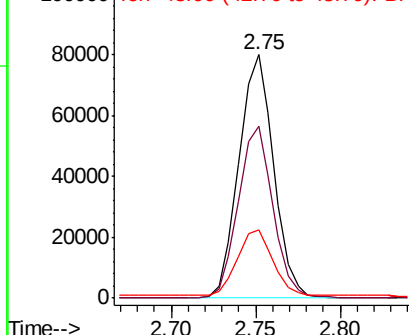


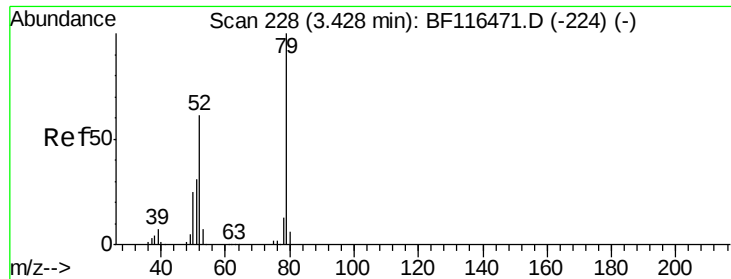
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





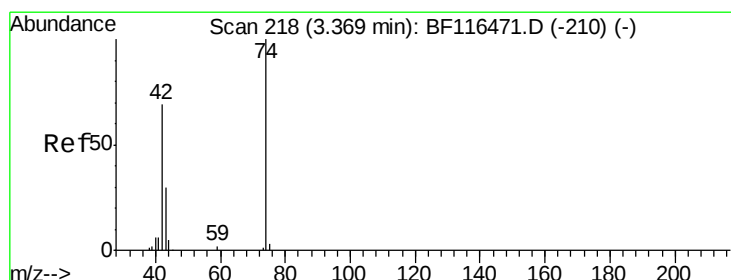
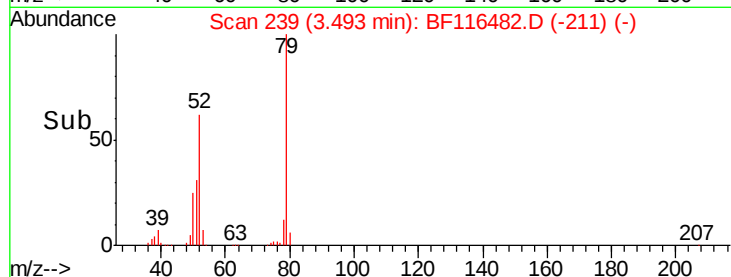
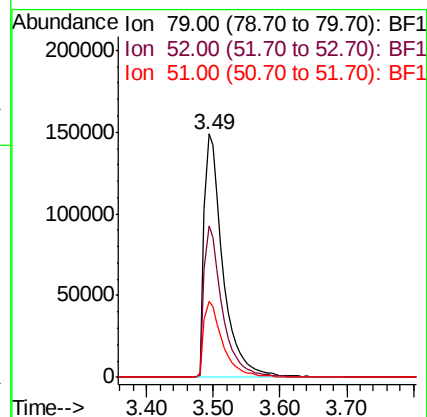
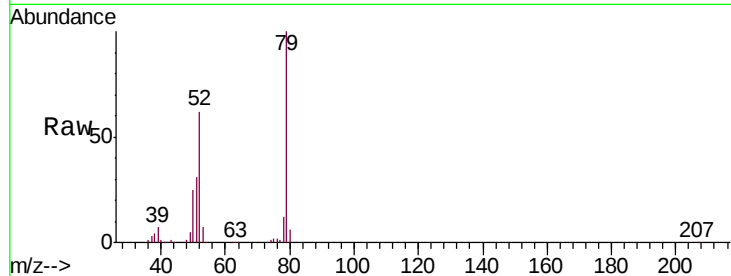
#3
Pvrindine
Concen: 30.264 ng
RT: 3.49 min Scan# 239
Delta R.T. 0.06 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	283560		
52	62.2		48.8	73.2
51	31.0		25.2	37.8

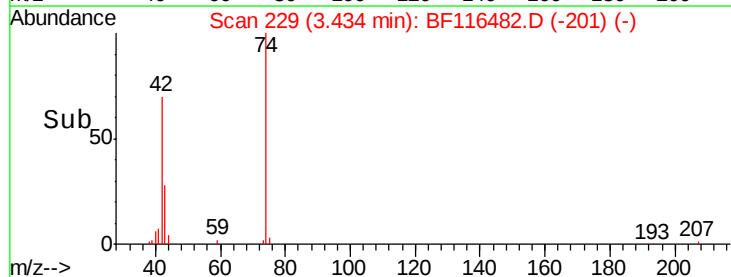
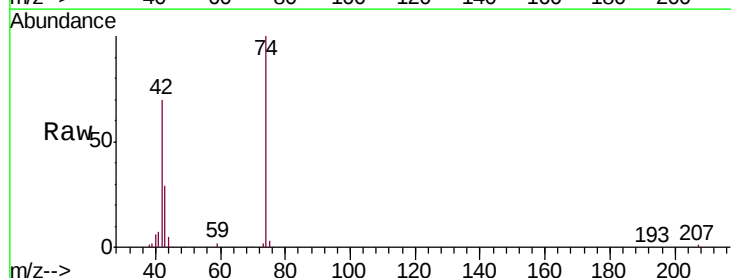
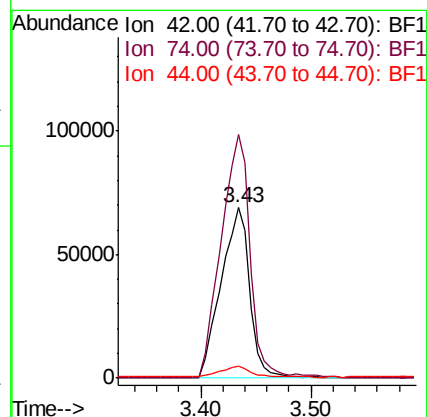
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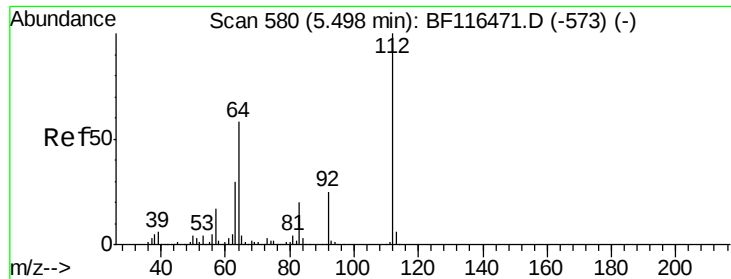
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#4
n-Nitrosodimethylamine
Concen: 36.249 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.06 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	123988		
74	142.9		115.3	172.9
44	7.1		5.8	8.8





#5

2-Fluorophenol

Concen: 86.205 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

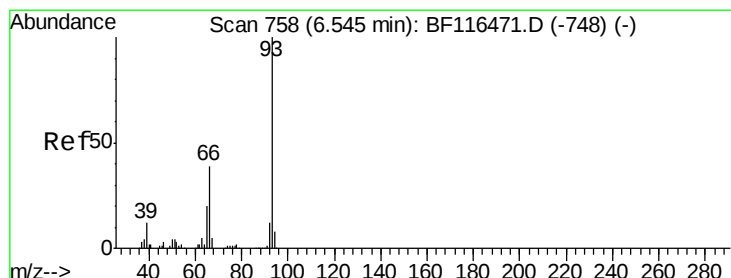
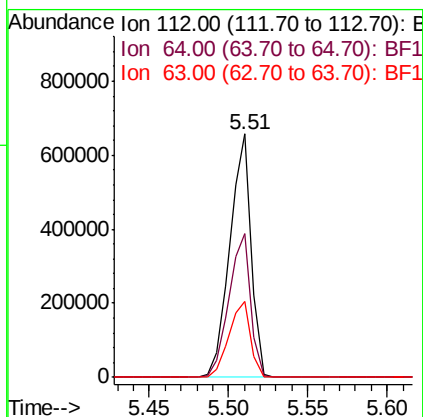
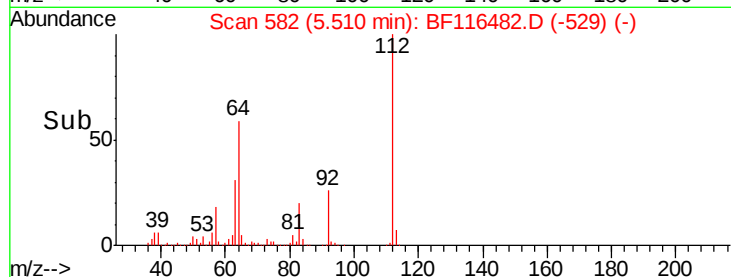
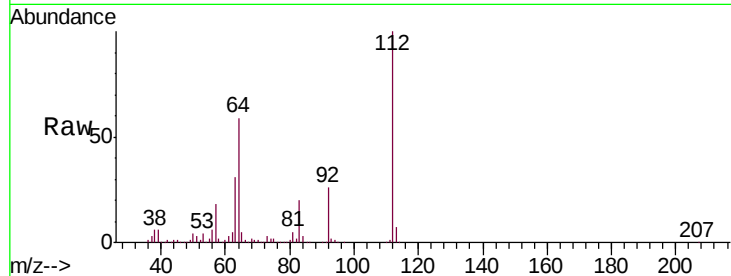
ClientSampleId :

PB122361BS

Tot Ion:	112	Resp:	612590
Ion Ratio	Lower	Upper	
112	100		
64	59.2	46.3	69.5
63	31.0	24.2	36.4

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#6

Aniline

Concen: 28.548 ng

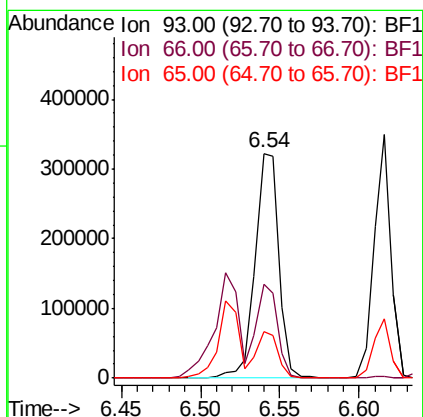
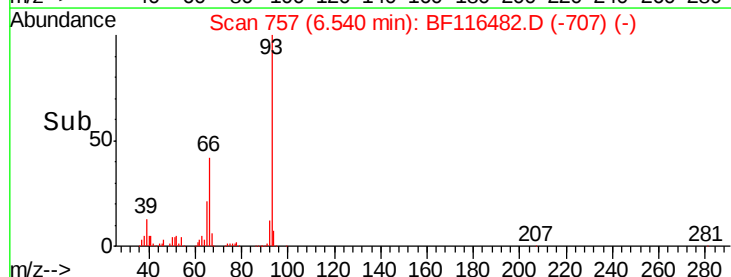
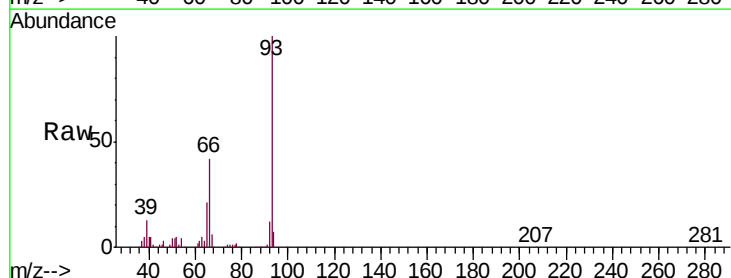
RT: 6.54 min Scan# 757

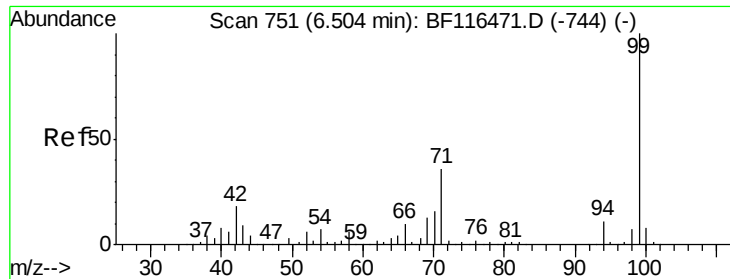
Delta R.T. -0.01 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Tgt Ion:	93	Resp:	336759
Ion Ratio	Lower	Upper	
93	100		
66	41.7	32.2	48.2
65	20.7	16.3	24.5





#7

Phenol-d6

Concen: 86.810 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

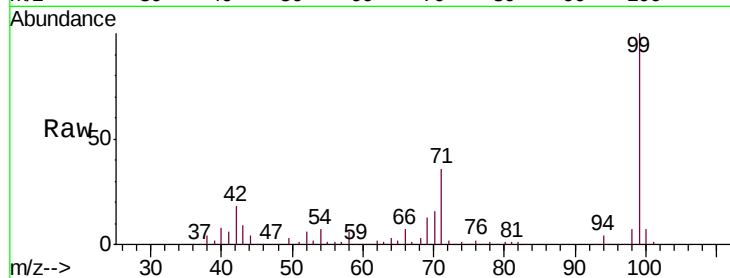
ClientSampleId :

PB122361BS

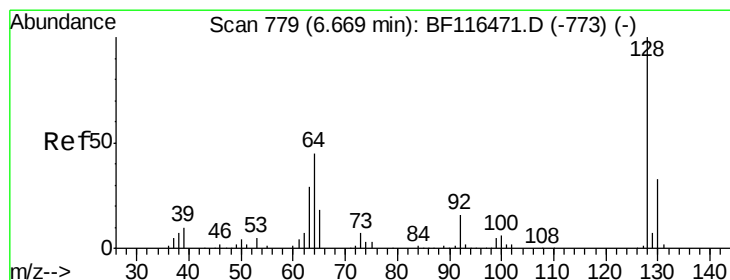
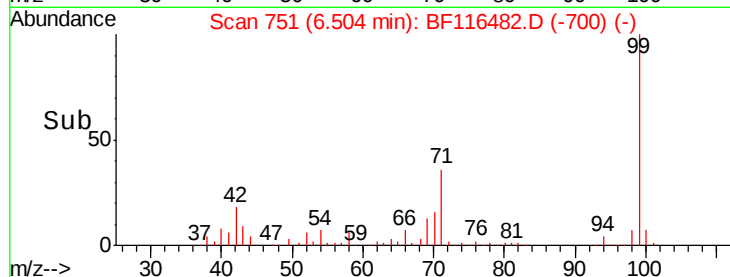
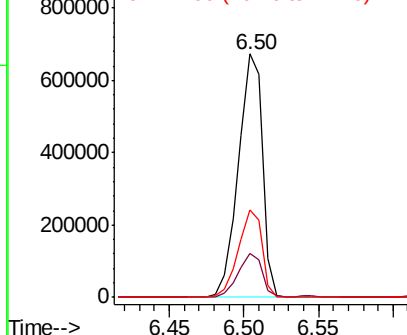
Tot Ion:	99	Resp:	756399
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.6	21.8
71	36.0	28.5	42.7

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.363 ng

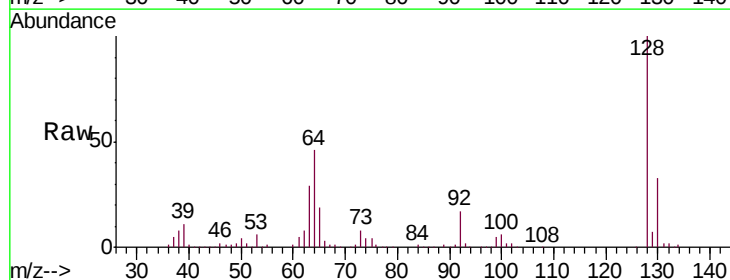
RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

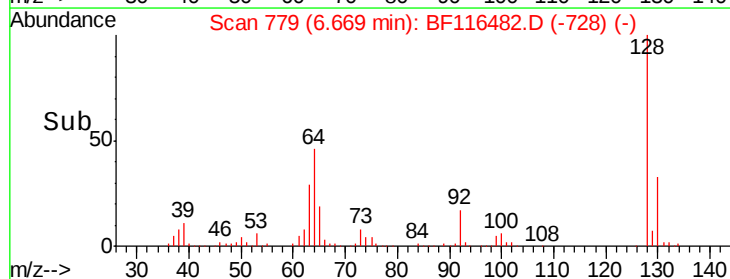
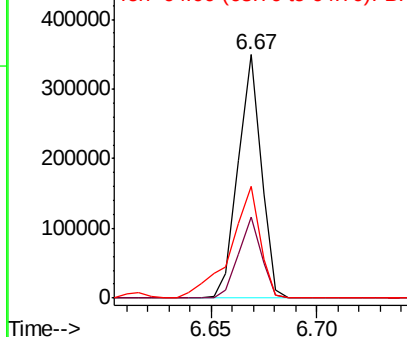
Lab File: BF116482.D

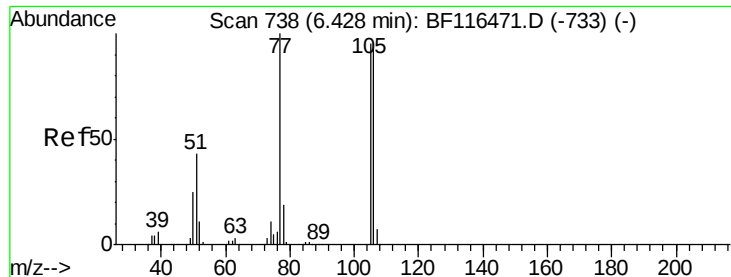
Acq: 23 Aug 2019 17:34

Tgt Ion:	128	Resp:	263711
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.4	53.4
64	46.0	26.3	66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.136 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

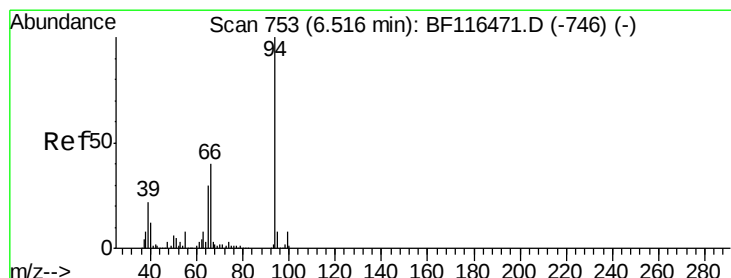
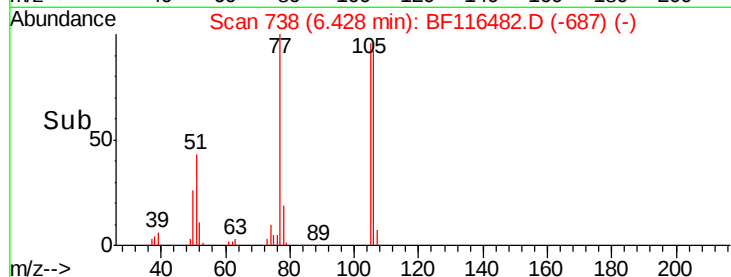
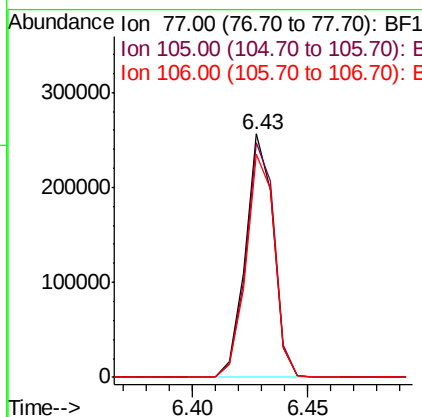
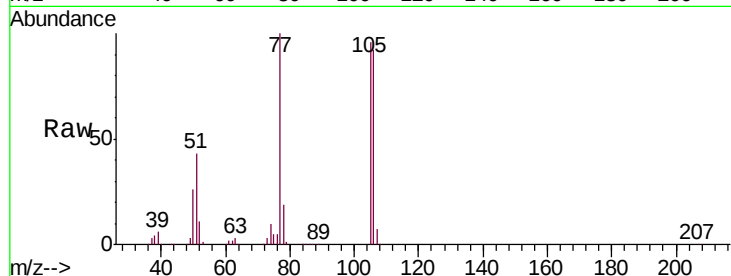
ClientSampleId :

PB122361BS

Tot Ion:	77	Resp:	216197
Ion Ratio	Lower	Upper	
77	100		
105	96.3	75.5	115.5
106	91.9	73.2	113.2

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#10

Phenol

Concen: 34.150 ng m

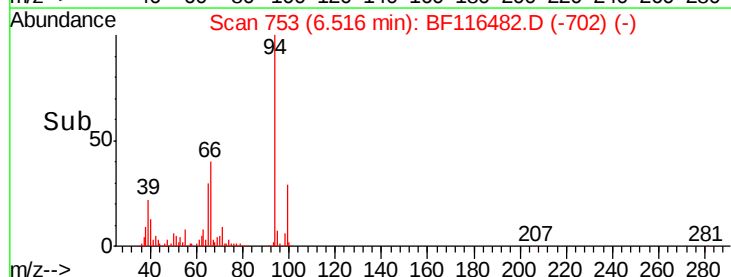
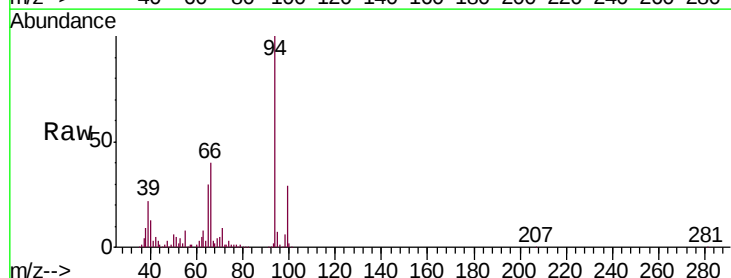
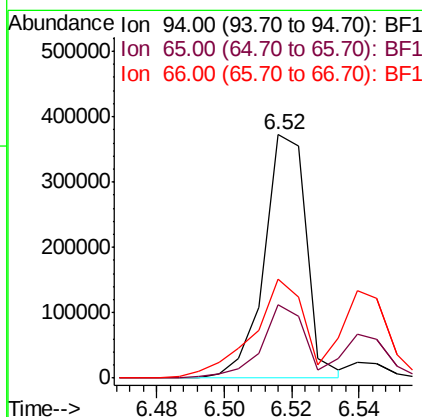
RT: 6.52 min Scan# 753

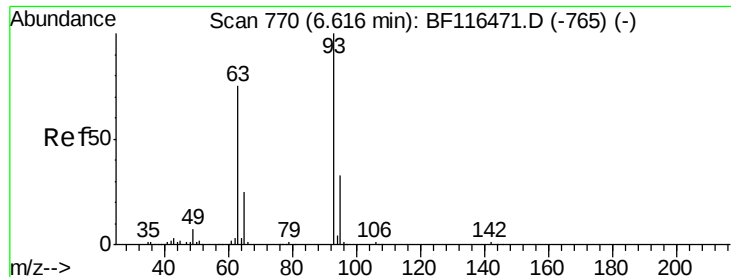
Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Tgt Ion:	94	Resp:	323123
Ion Ratio	Lower	Upper	
94	100		
65	29.9	10.0	50.0
66	40.5	19.8	59.8





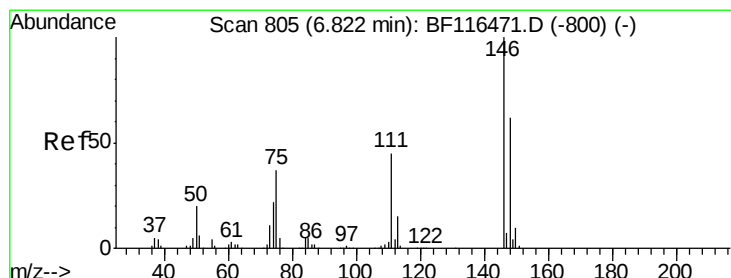
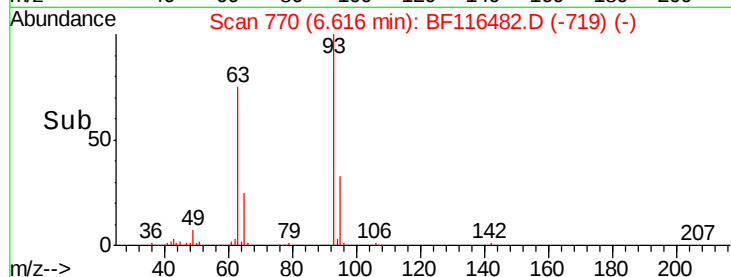
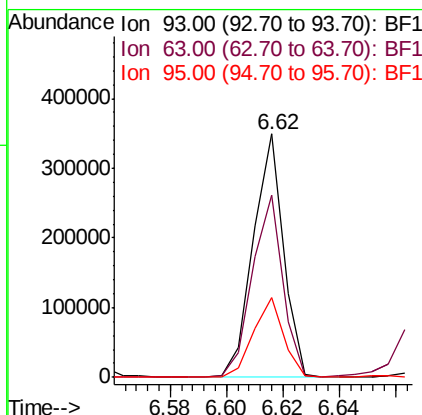
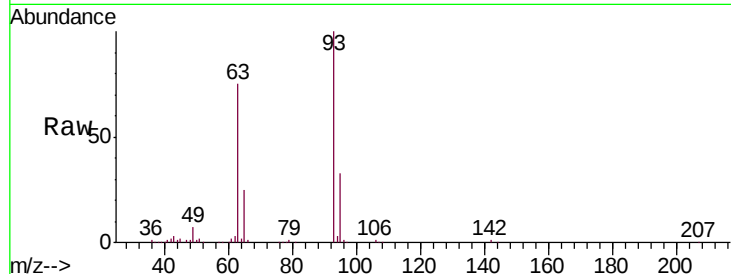
#11
 bis(2-Chloroethyl)ether
 Concen: 35.965 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion:	93	Resp:	259103
Ion Ratio	Lower	Upper	
93	100		
63	74.6	54.3	94.3
95	32.5	13.3	53.3

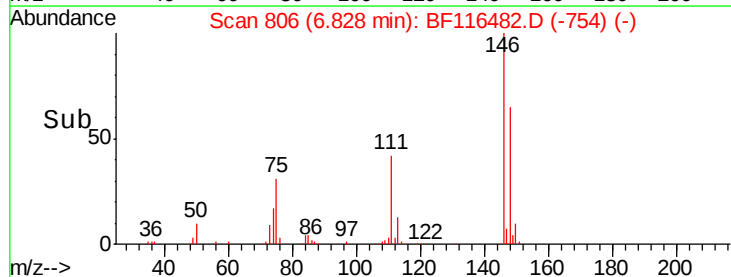
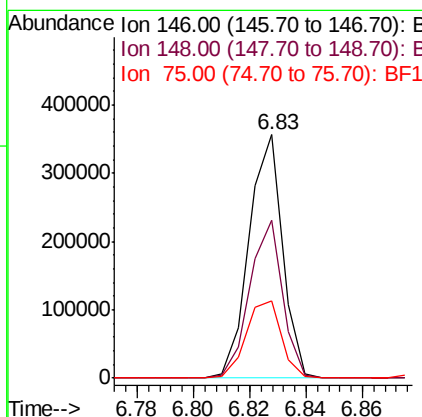
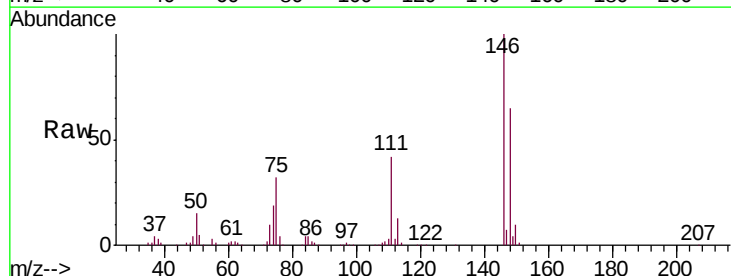
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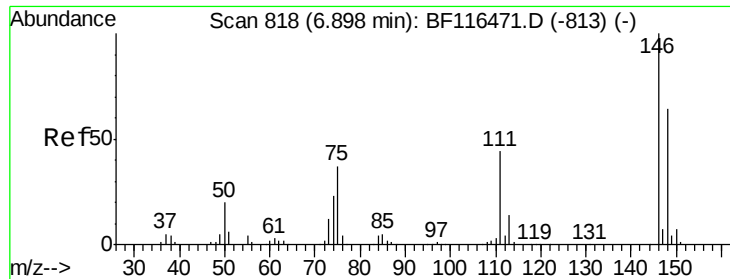
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#12
 1,3-Dichlorobenzene
 Concen: 36.345 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion:	146	Resp:	293360
Ion Ratio	Lower	Upper	
146	100		
148	64.9	49.8	74.8
75	31.8	29.3	43.9





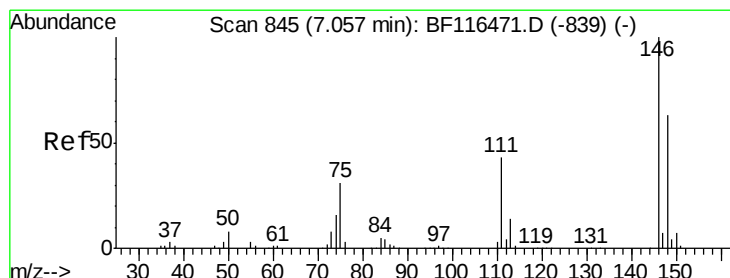
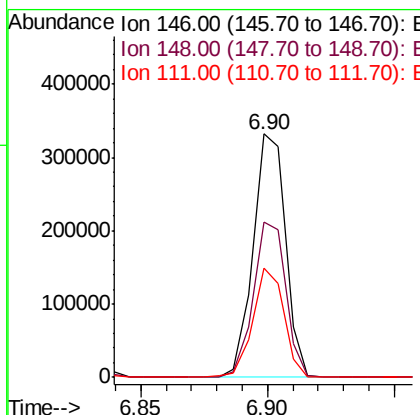
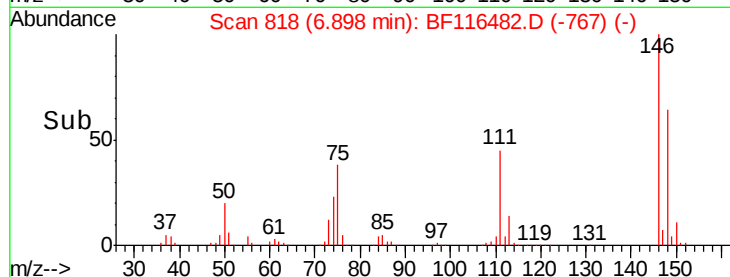
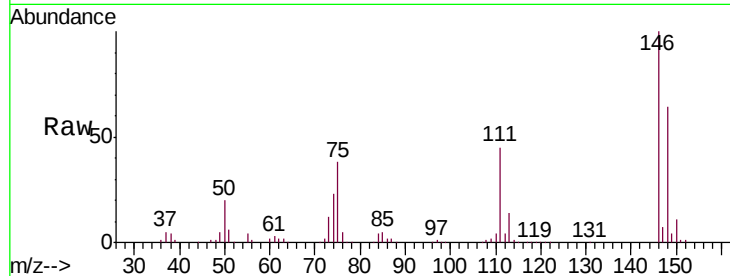
#13
 1,4-Dichlorobenzene
 Concen: 38.270 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	45.1	35.4	53.2

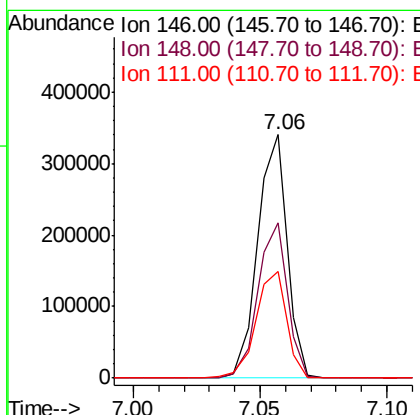
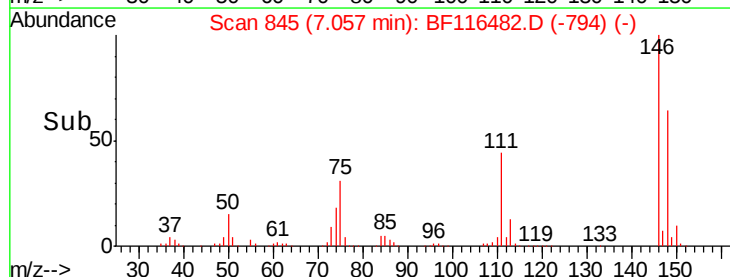
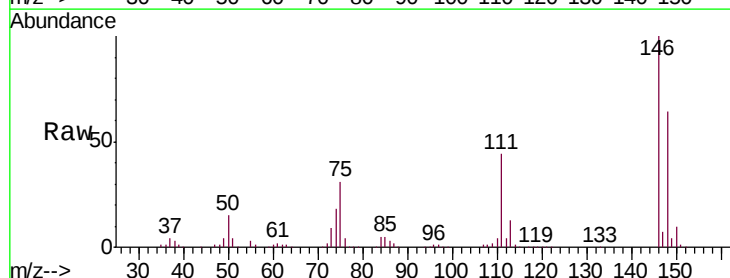
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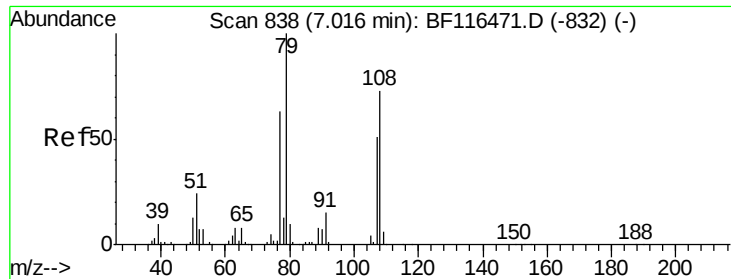
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#14
 1,2-Dichlorobenzene
 Concen: 37.840 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	43.7	34.5	51.7





#15

Benzyl Alcohol

Concen: 33.910 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

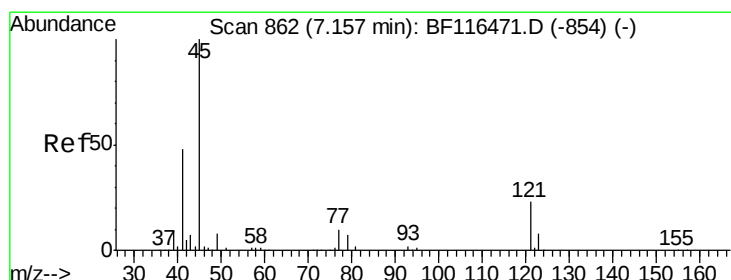
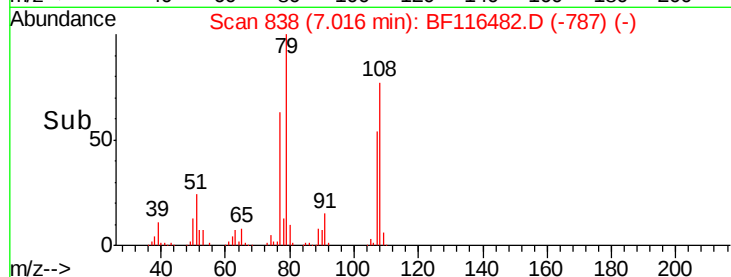
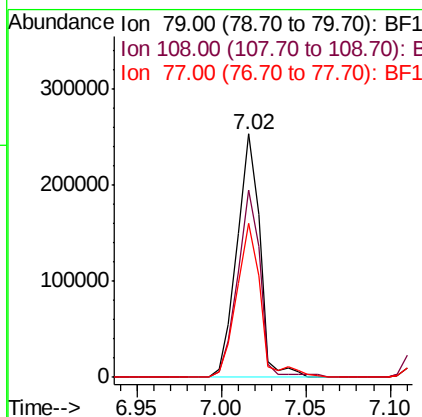
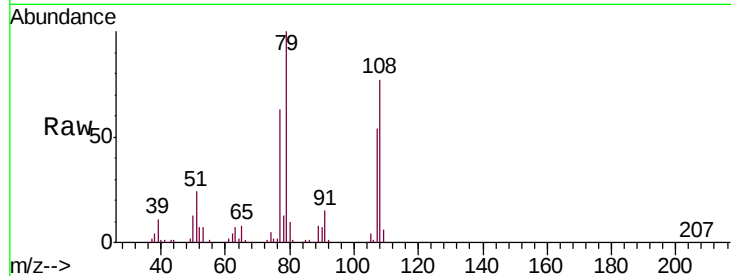
ClientSampleId :

PB122361BS

Tot Ion:	79	Resp:	239114
Ion Ratio	Lower	Upper	
79	100		
108	76.7	58.1	87.1
77	63.1	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.819 ng

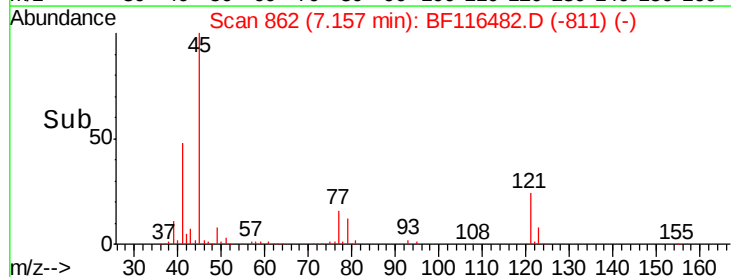
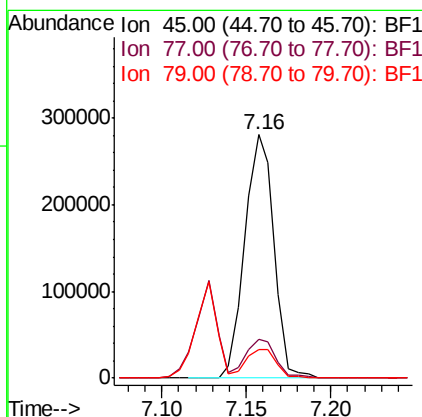
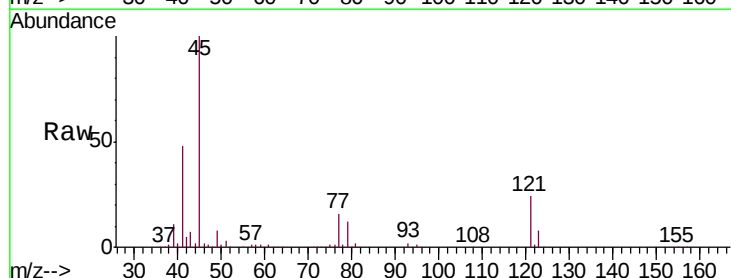
RT: 7.16 min Scan# 862

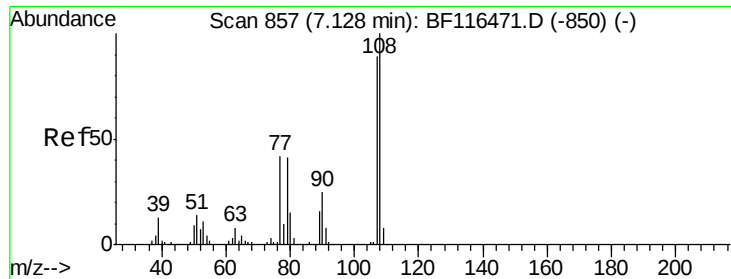
Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Tgt Ion:	45	Resp:	336868
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	36.1
79	11.6	0.0	32.3





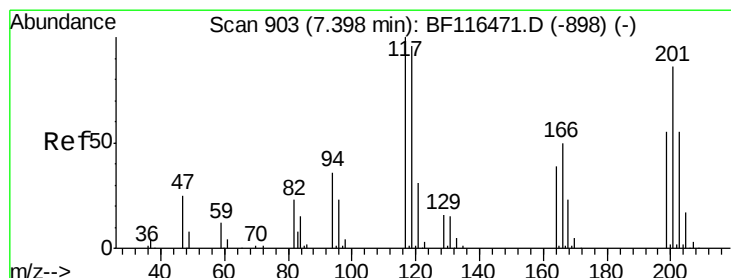
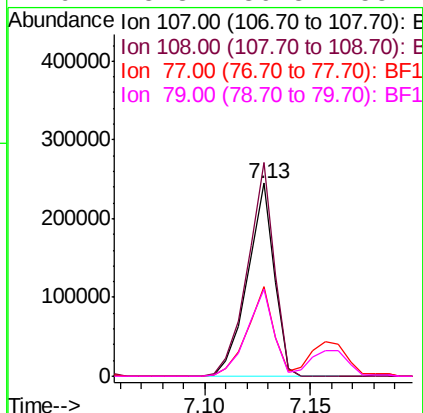
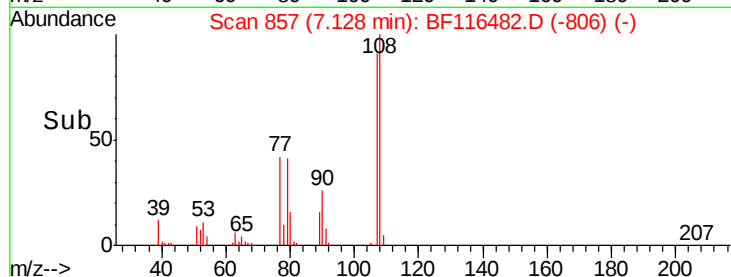
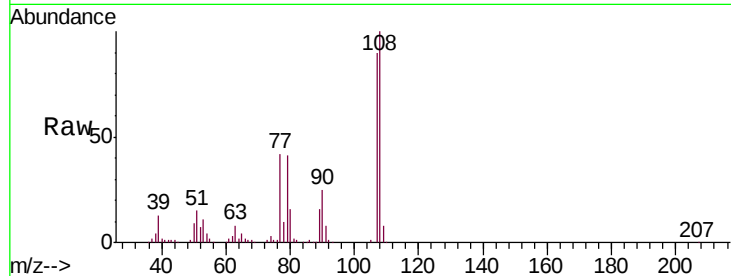
#17
2-Methylphenol
Concen: 34.888 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	90.0	135.0	
77	46.2	37.6	56.4	
79	45.3	36.8	55.2	

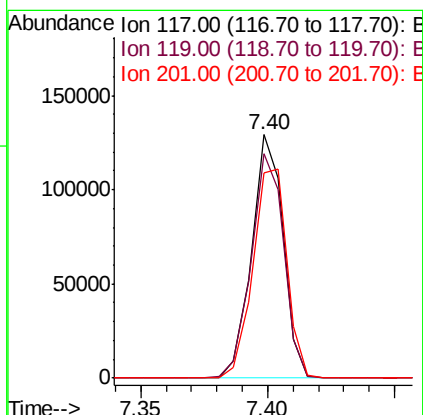
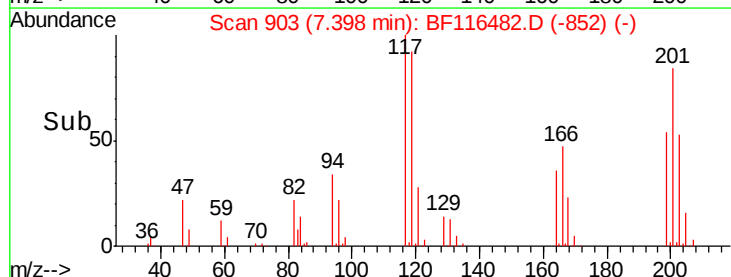
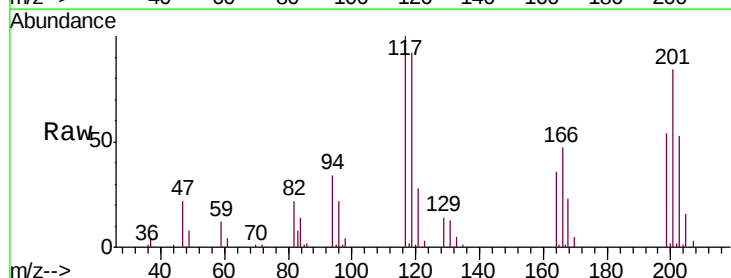
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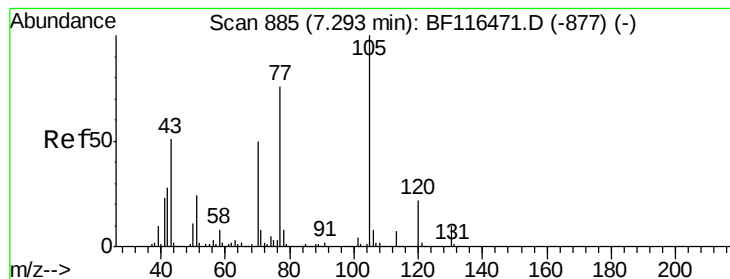
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#18
Hexachloroethane
Concen: 37.148 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	77.0	115.6	
201	84.3	69.1	103.7	





#19

n-Nitroso-di-n-propylamine

Concen: 32.395 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

ClientSampleId :

PB122361BS

Tot Ion: 70 Resp: 192605

Ion Ratio Lower Upper

70 100

42 52.0 44.4 66.6

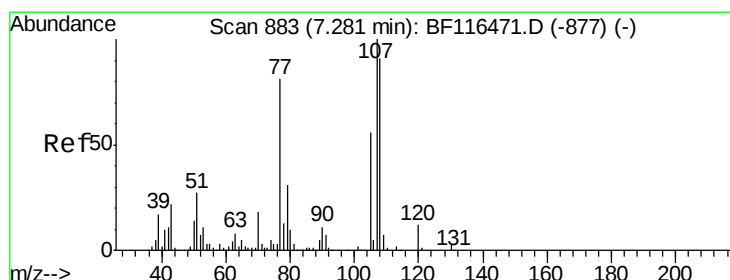
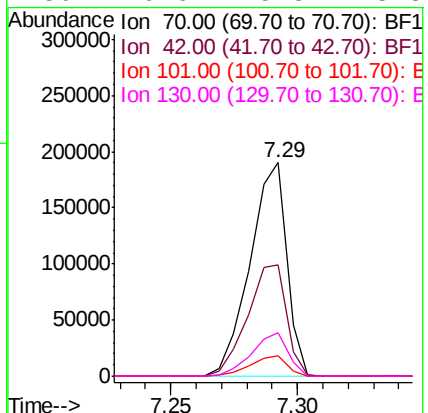
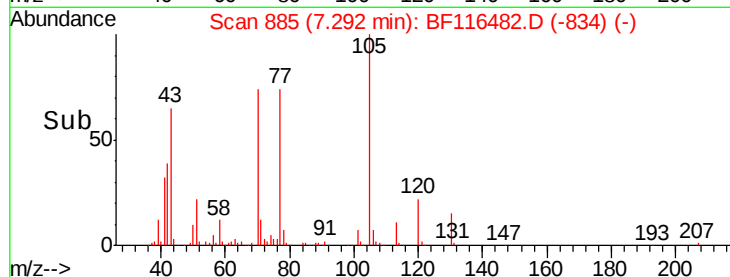
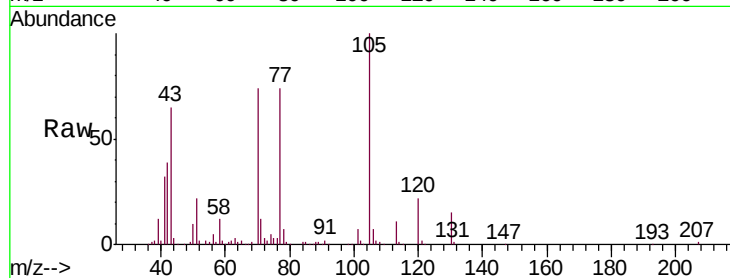
101 9.4 7.1 10.7

130 20.6 15.8 23.8

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#20

3+4-Methylphenols

Concen: 35.397 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Tgt Ion:107 Resp: 267912

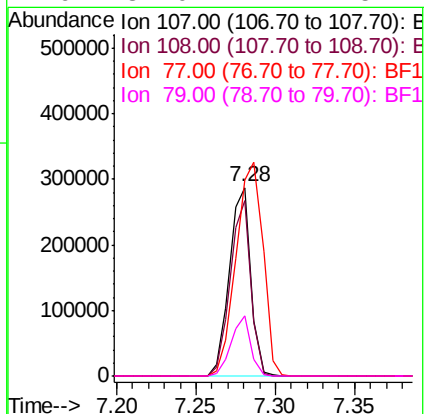
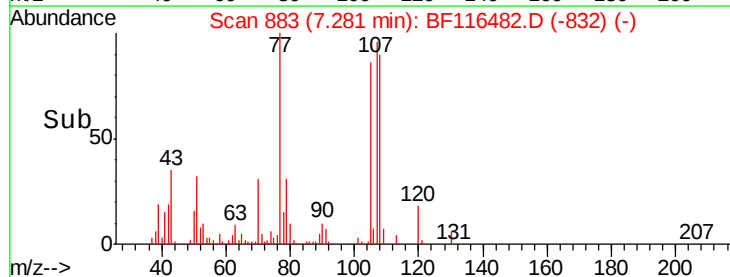
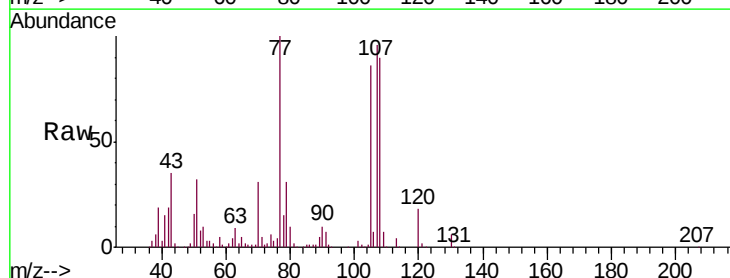
Ion Ratio Lower Upper

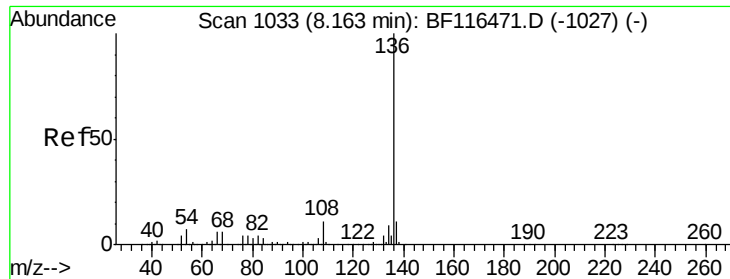
107 100

108 93.2 70.7 110.7

77 103.7 60.6 100.6#

79 32.0 11.1 51.1





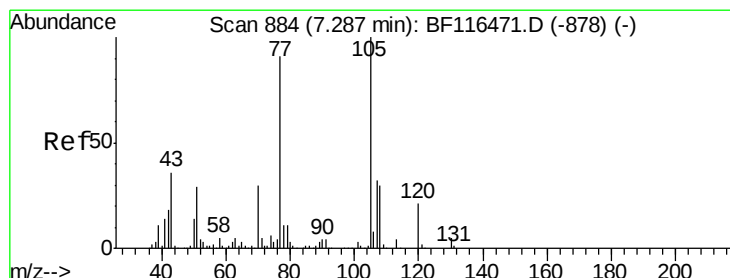
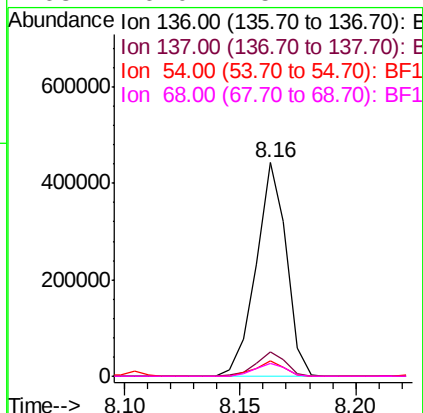
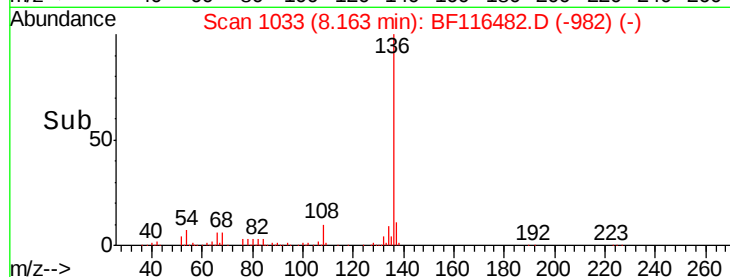
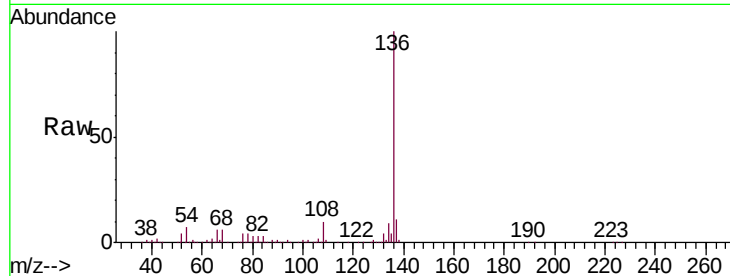
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	404289		
137	11.4	9.0	13.4	
54	7.2	5.8	8.6	
68	6.0	5.1	7.7	

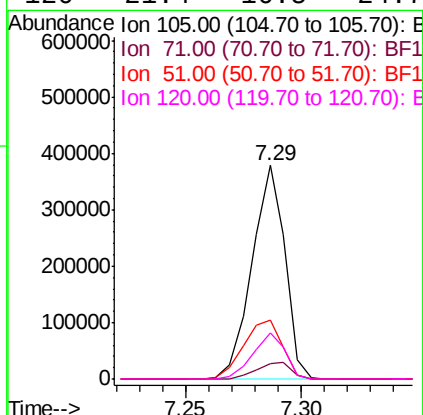
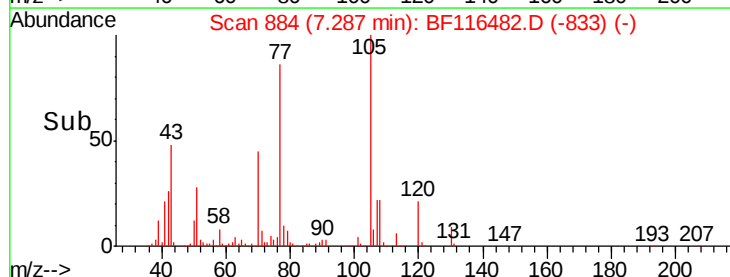
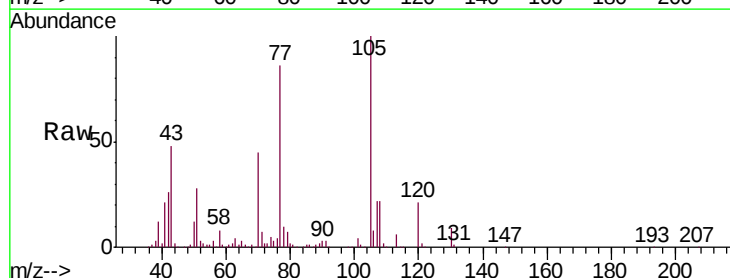
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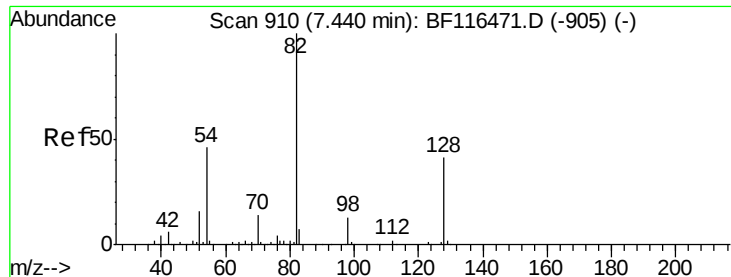
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#22
Acetophenone
Concen: 37.116 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	375222		
71	7.3	4.2	6.2#	
51	27.5	23.0	34.4	
120	21.4	16.5	24.7	





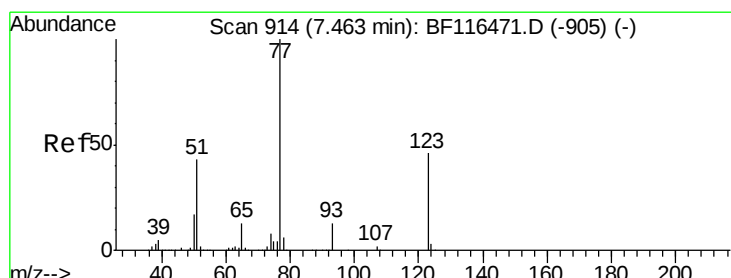
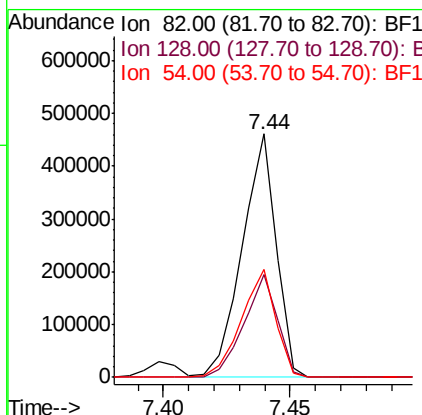
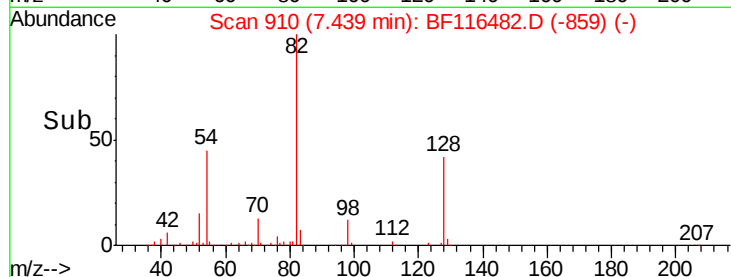
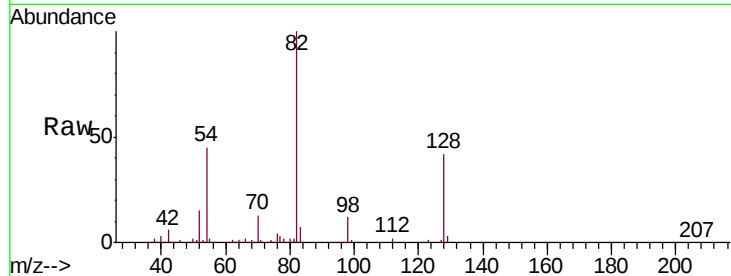
#23
 Nitrobenzene-d5
 Concen: 58.173 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	429877		
128	42.5		32.2	48.4
54	44.5		36.5	54.7

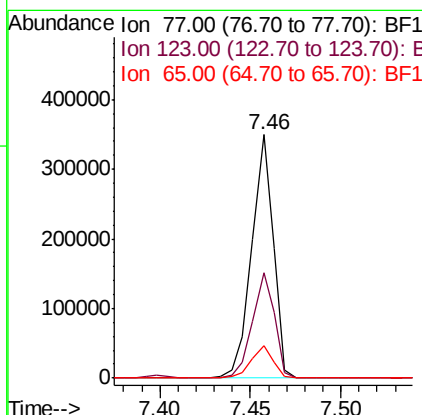
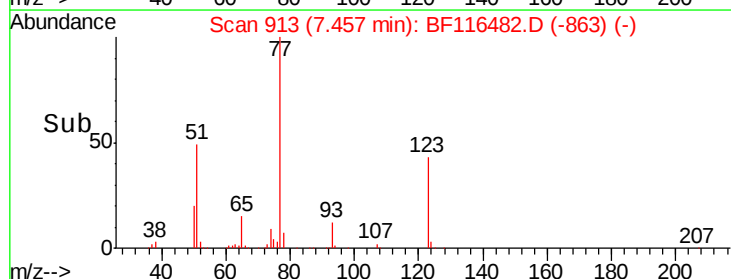
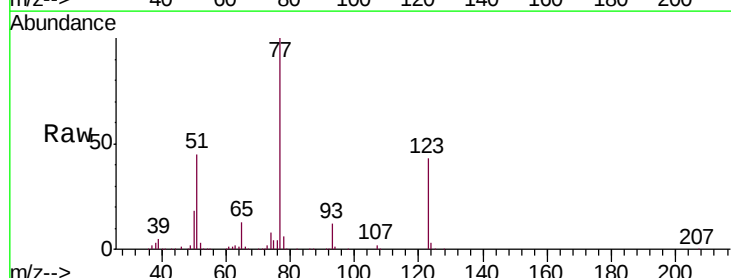
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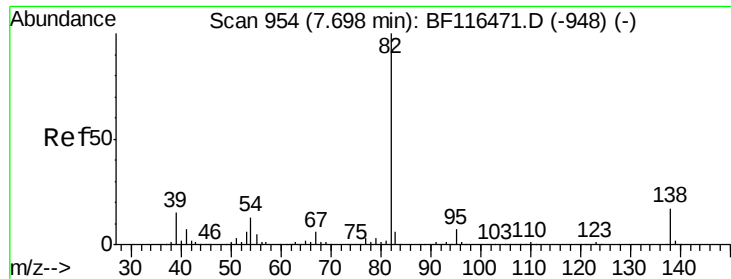
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#24
 Nitrobenzene
 Concen: 37.973 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	290599		
123	43.0		37.0	55.4
65	13.3		10.5	15.7





#25

Isophorone

Concen: 35.118 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

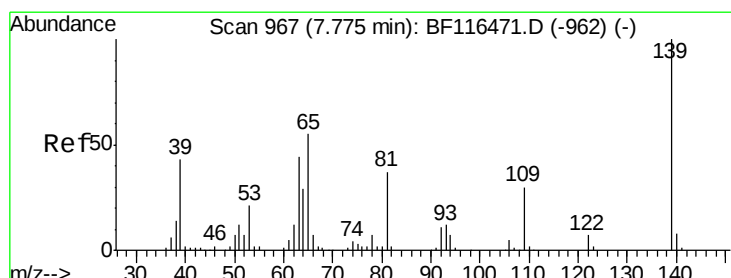
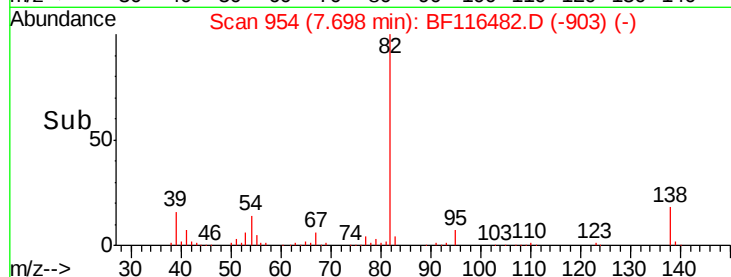
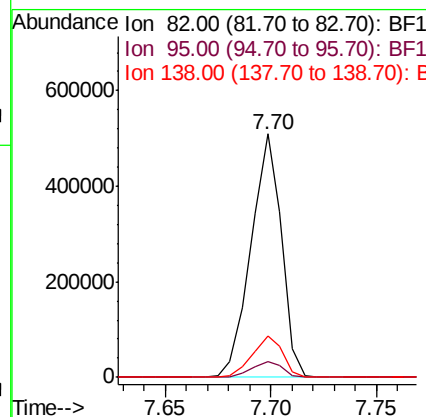
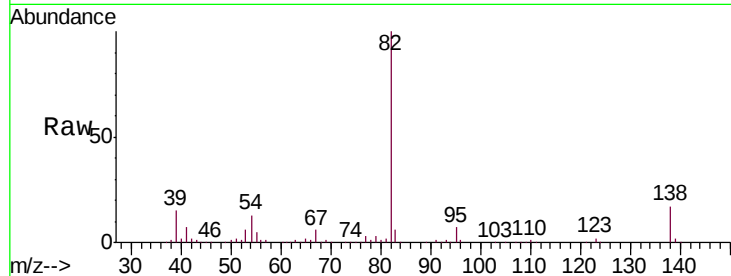
ClientSampleId :

PB122361BS

Tot Ion:	82	Resp:	511408
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	16.9	13.3	19.9

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#26

2-Nitrophenol

Concen: 43.675 ng

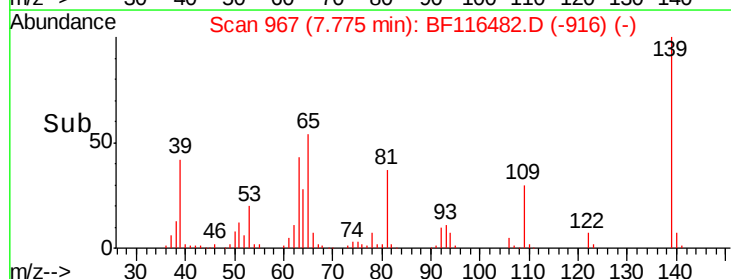
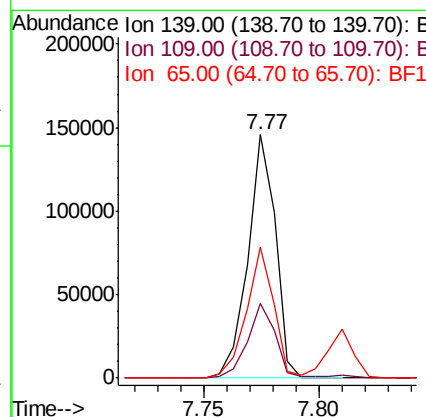
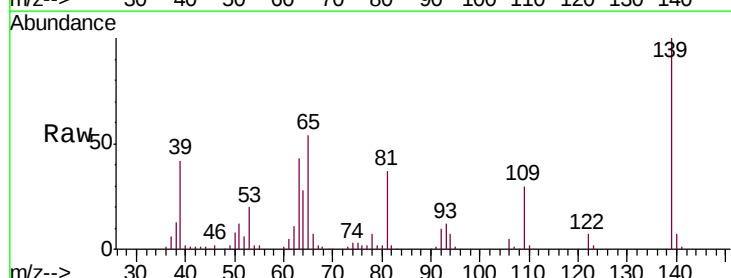
RT: 7.77 min Scan# 967

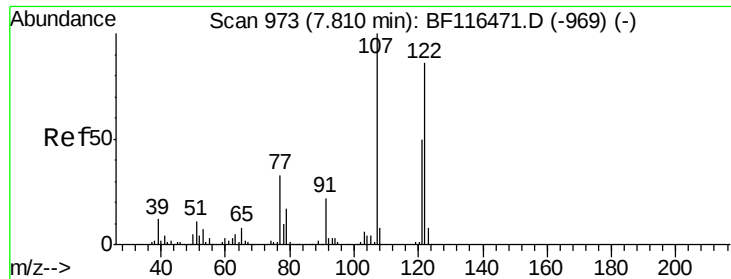
Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Tgt Ion:	139	Resp:	122087
Ion Ratio		Lower	Upper
139	100		
109	30.5	24.3	36.5
65	53.8	44.0	66.0





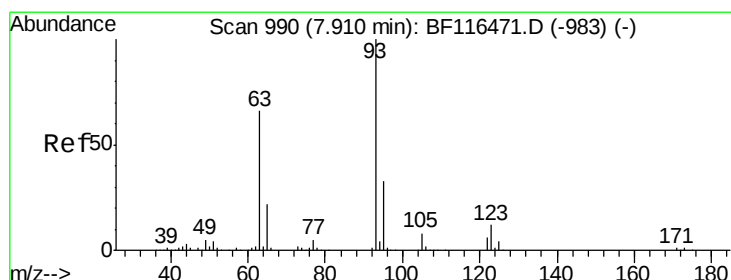
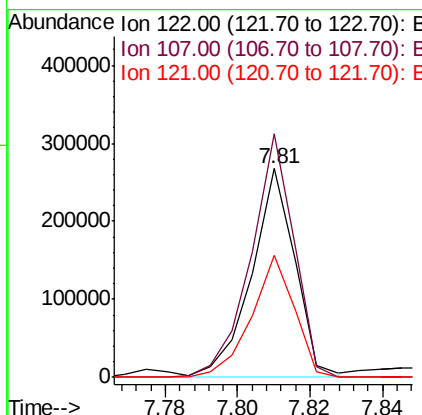
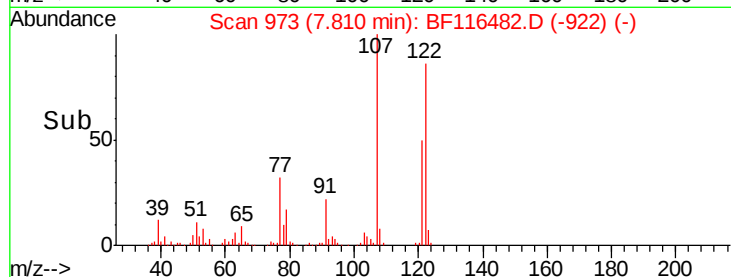
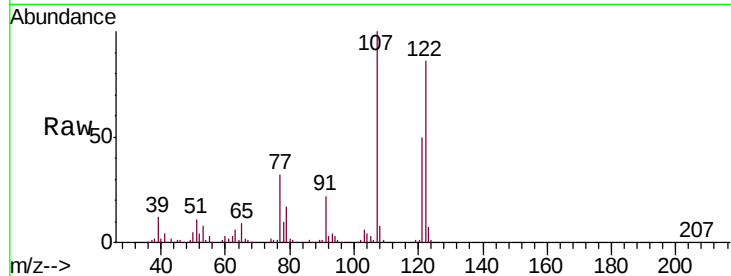
#27
 2,4-Dimethylphenol
 Concen: 38.117 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	222321		
107	116.8	92.4	138.6	
121	58.5	46.2	69.4	

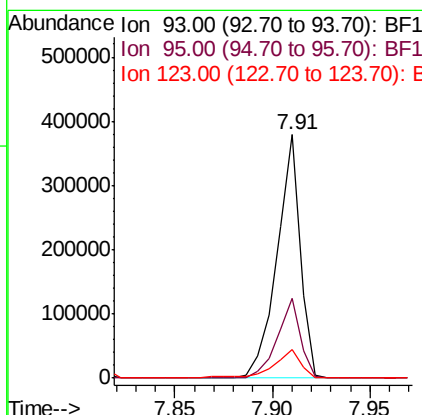
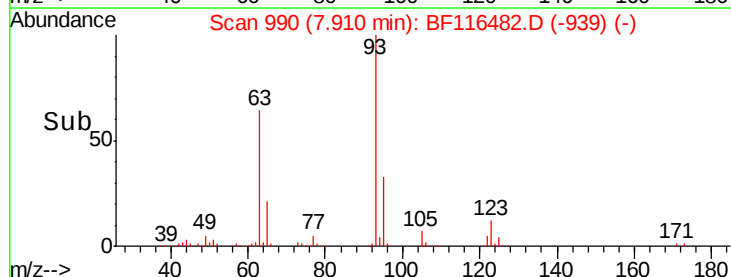
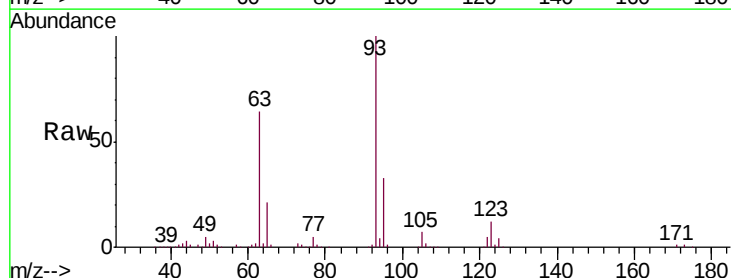
Manual Integrations
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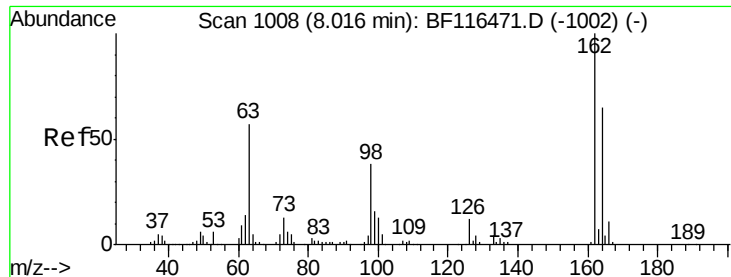
JAGRUT
 8/29/2019 8:23:36 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.800 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	312965		
95	32.5	26.3	39.5	
123	11.5	9.8	14.6	





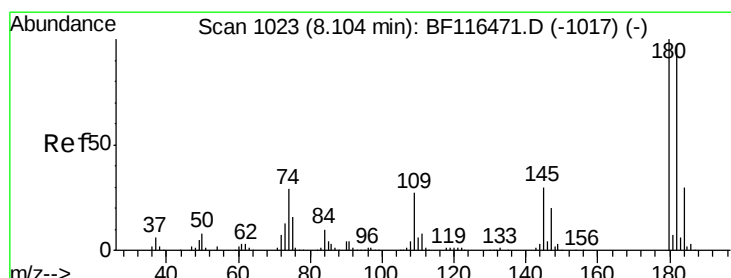
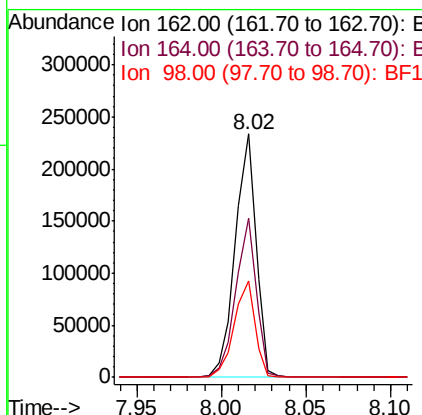
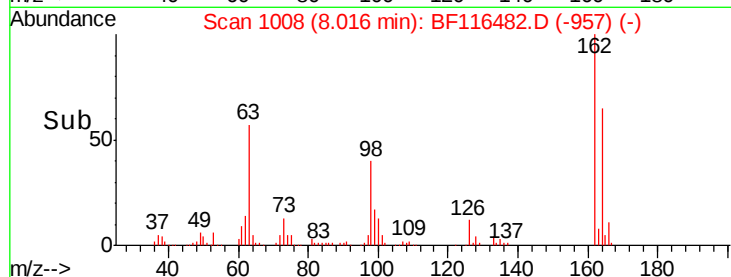
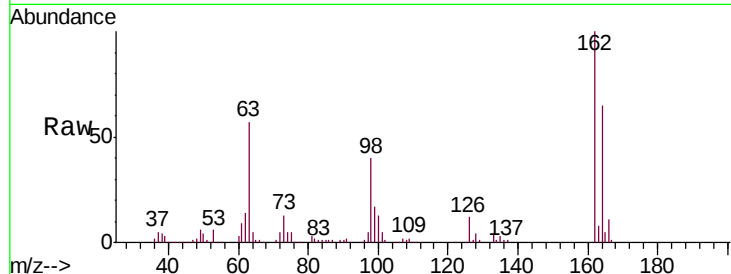
#29
2,4-Dichlorophenol
Concen: 36.425 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	202042		
164	65.4	44.9	84.9	
98	39.8	17.9	57.9	

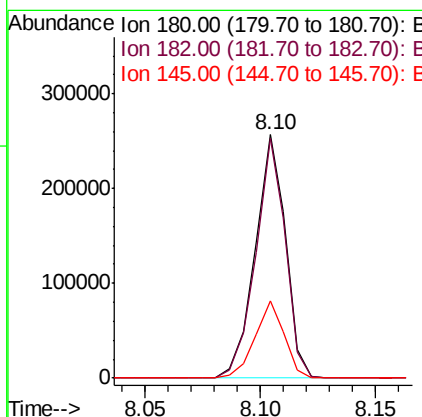
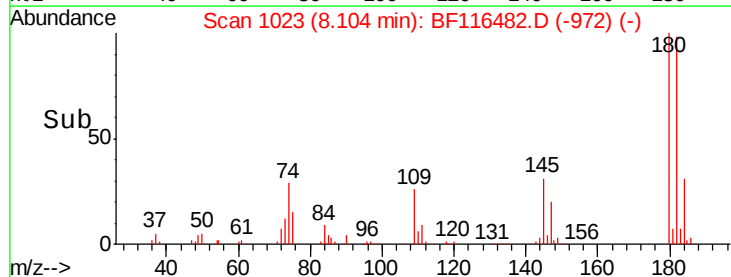
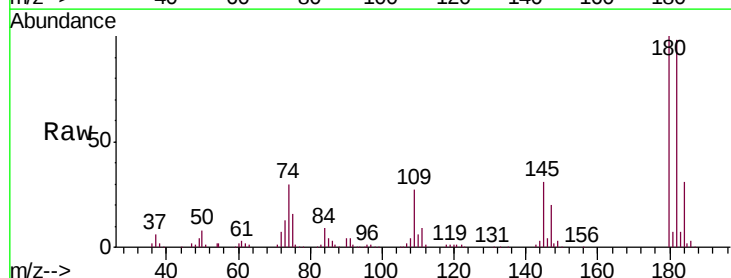
Manual Integrations
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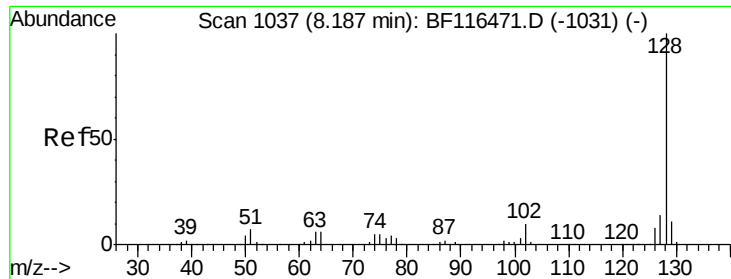
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#30
1,2,4-Trichlorobenzene
Concen: 37.683 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235308		
182	98.2	77.4	116.0	
145	31.5	24.3	36.5	





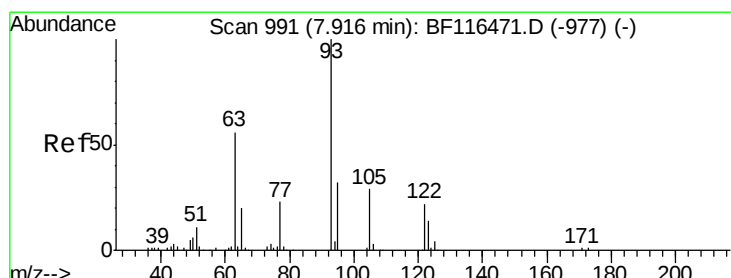
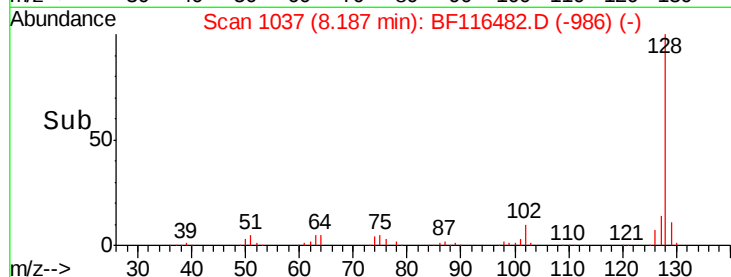
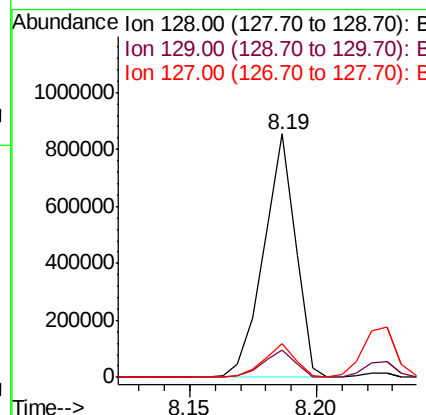
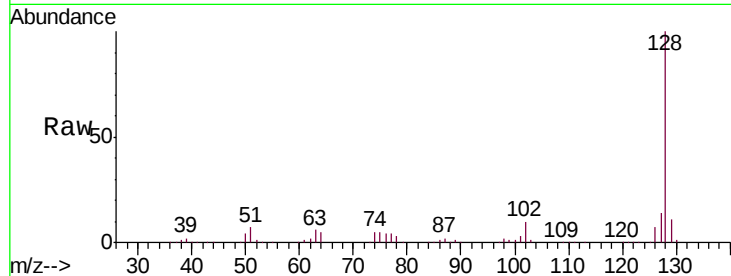
#31
Naphthalene
Concen: 38.194 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.8	10.9	16.3

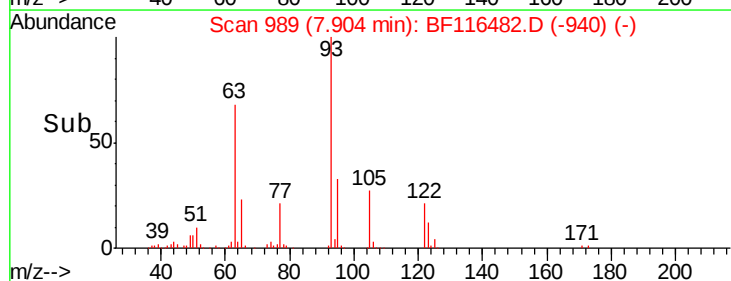
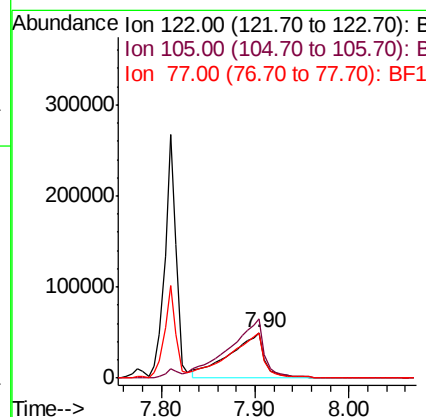
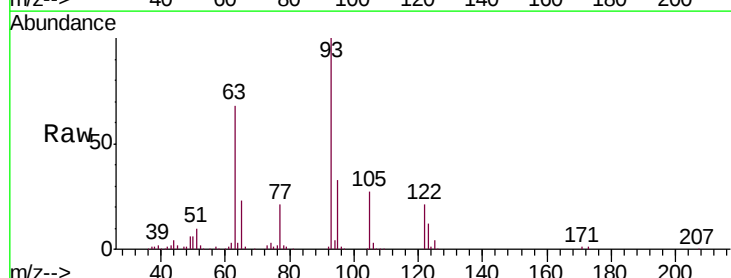
Manual Integrations
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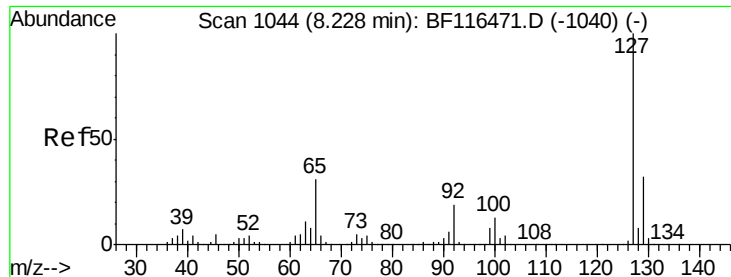
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#32
Benzoic acid
Concen: 34.757 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	109.9	149.9
77	100.9	84.9	124.9





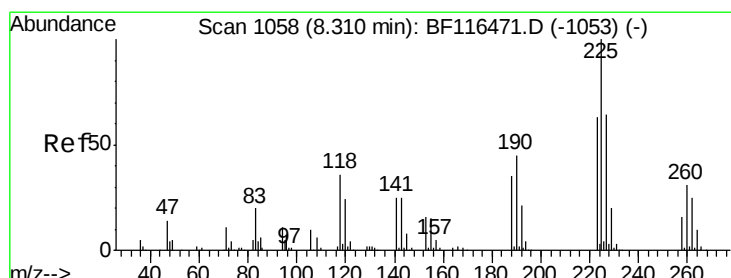
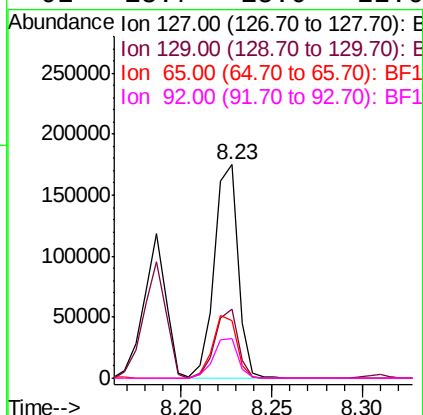
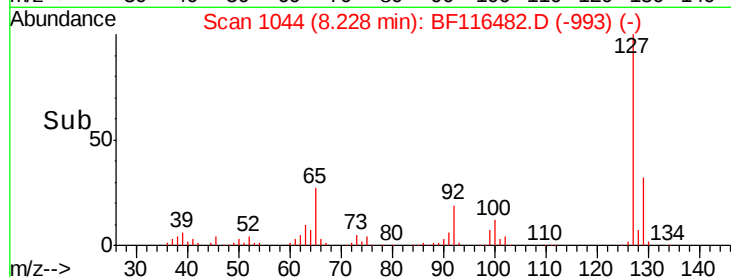
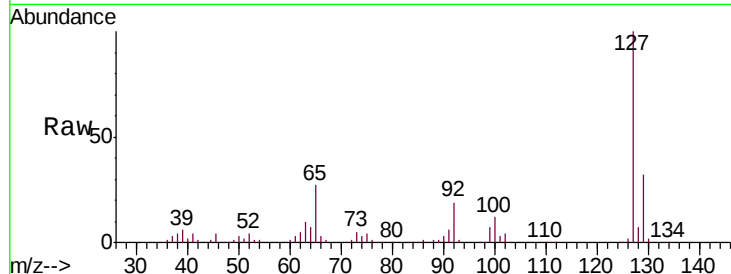
#33
4-Chloroaniline
Concen: 18.650 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		160125		
129	32.2	25.7	38.5		
65	26.7	25.0	37.6		
92	18.7	15.0	22.6		

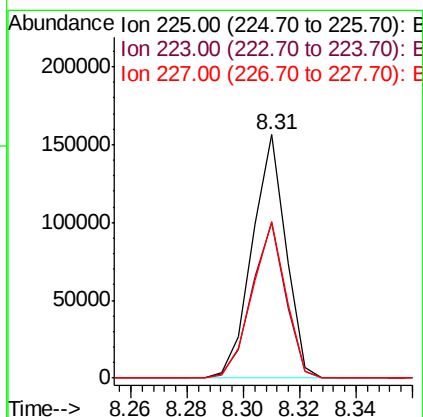
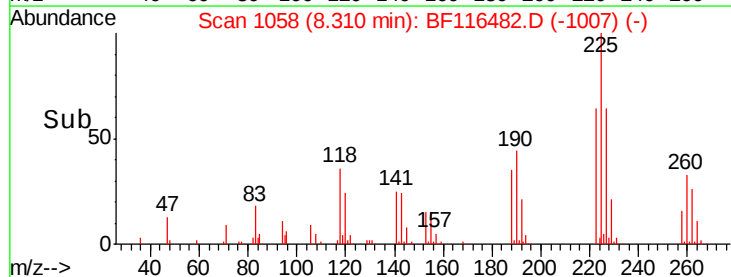
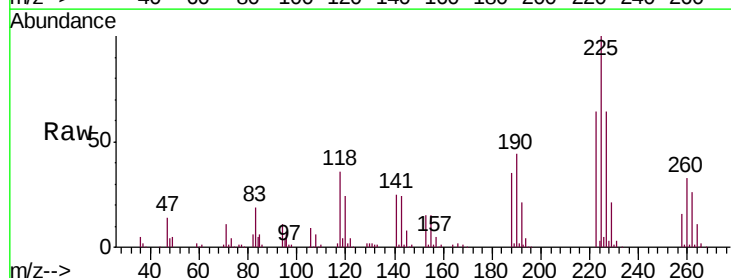
Manual Integrations
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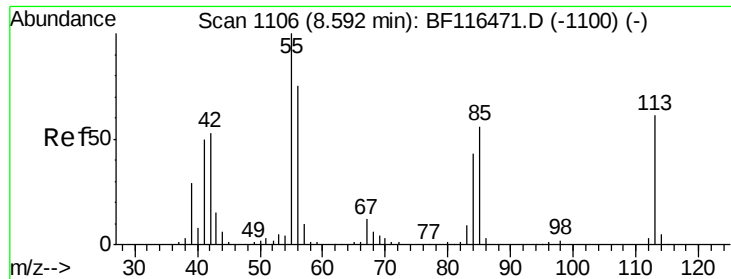
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#34
Hexachlorobutadiene
Concen: 37.987 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		129367		
223	63.7	50.3	75.5		
227	64.5	51.0	76.4		





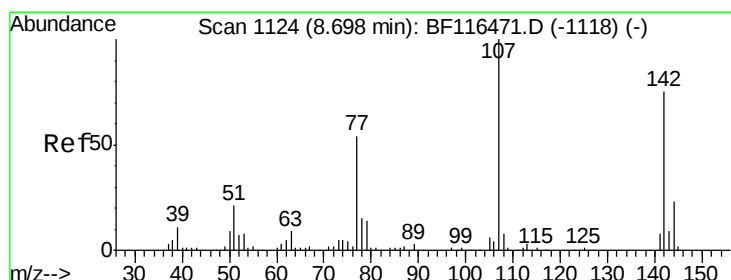
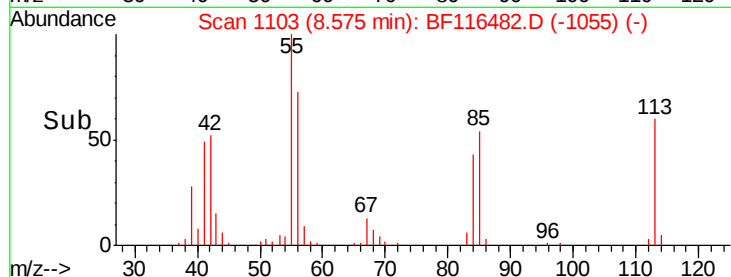
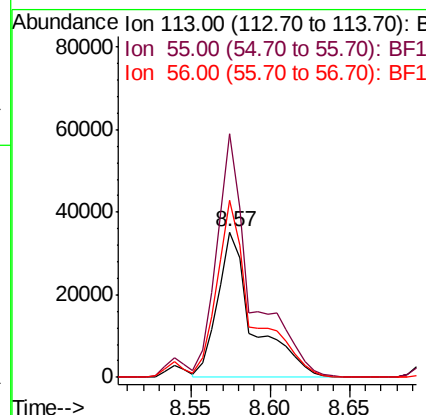
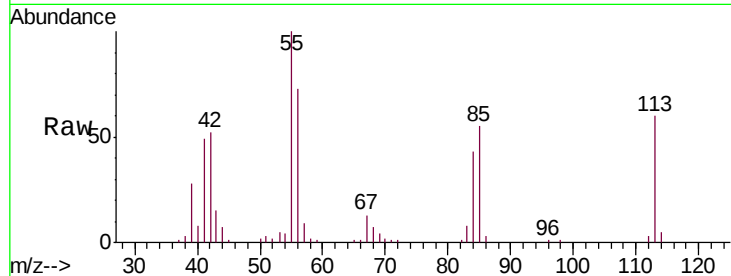
#35
 Caprolactam
 Concen: 28.834 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.6	143.6	183.6
56	121.8	102.3	142.3

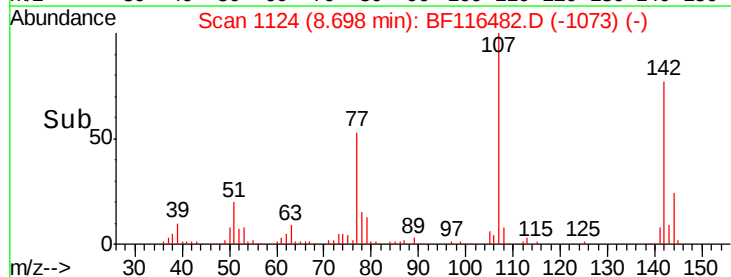
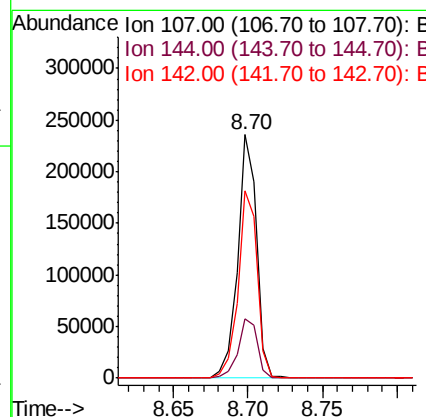
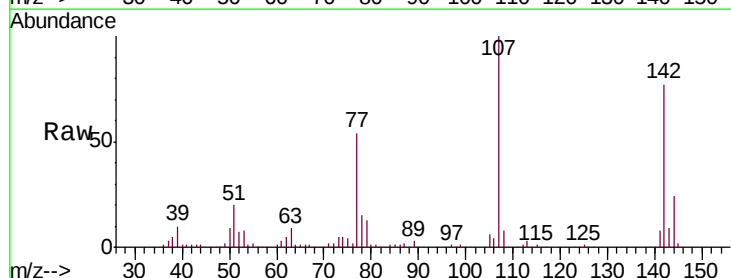
Manual Integrations
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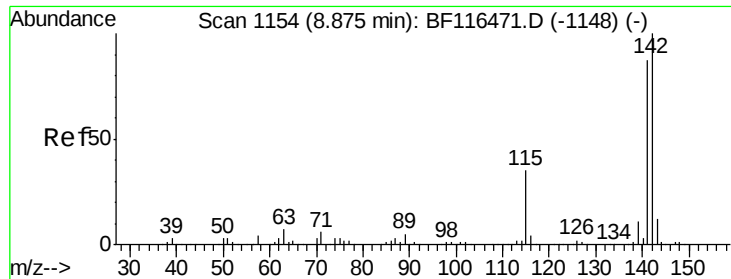
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 8/29/2019 8:23:36 AM



#36
 4-Chloro-3-methylphenol
 Concen: 33.630 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	18.8	28.2
142	76.9	59.8	89.6





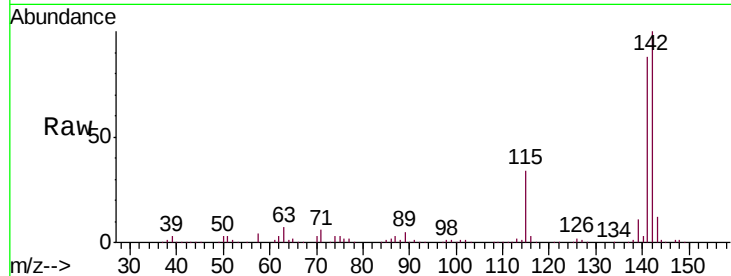
#37
2-Methylnaphthalene
Concen: 36.141 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

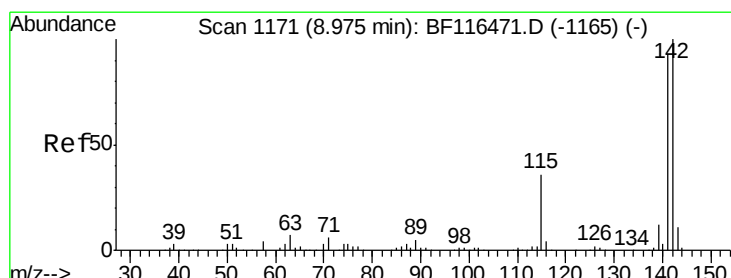
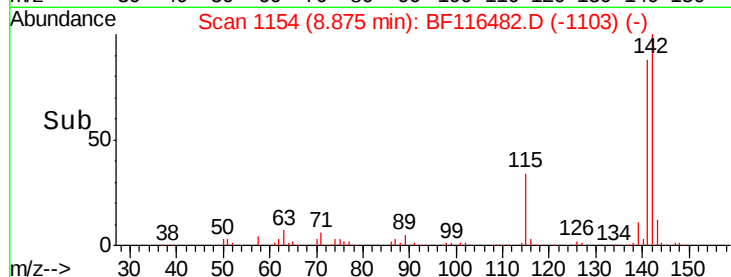
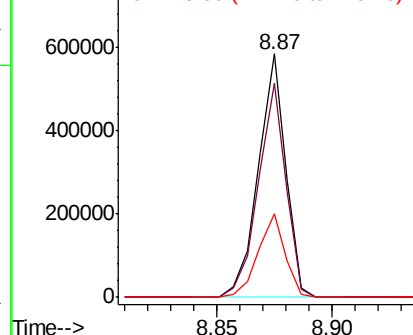
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.6
115	34.4	27.7	41.5

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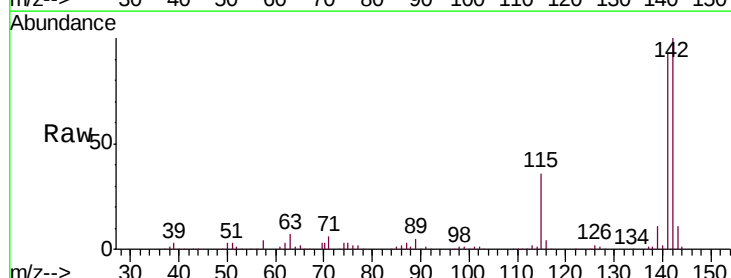


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

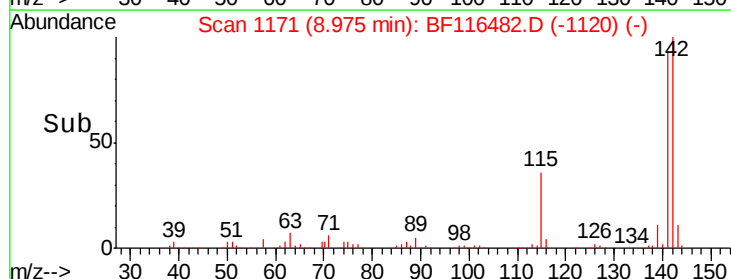
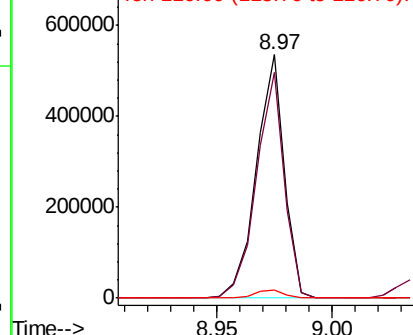


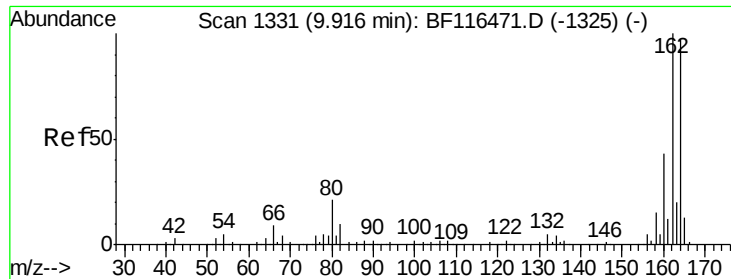
#38
1-Methylnaphthalene
Concen: 36.114 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.2
116	3.5	2.9	4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





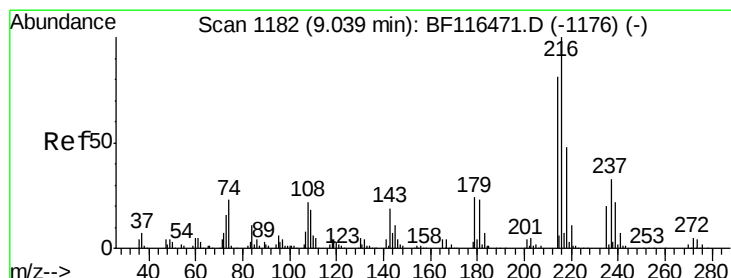
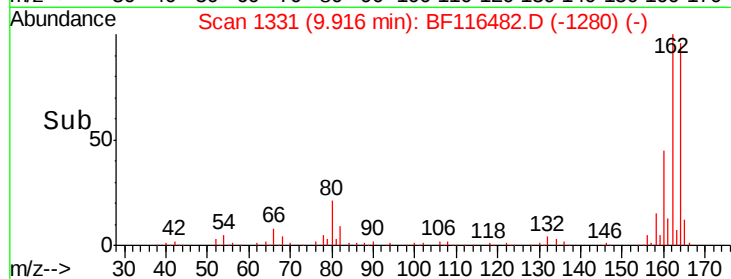
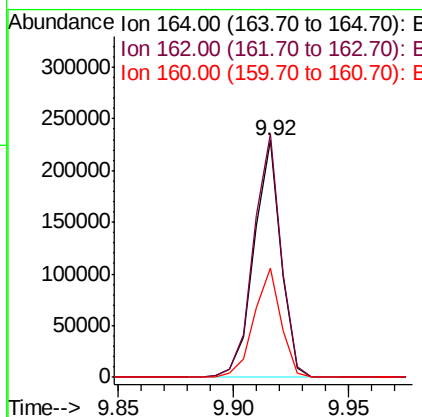
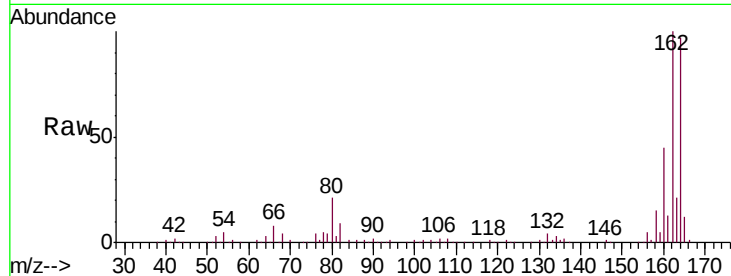
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	46.1	35.8	53.8

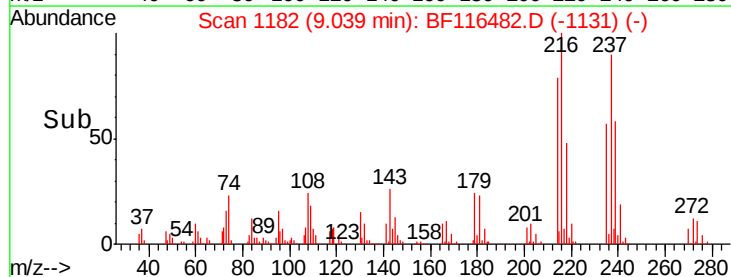
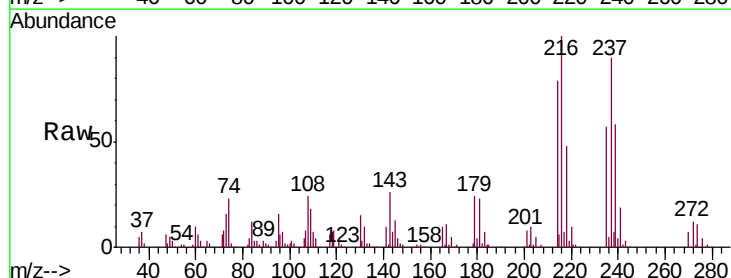
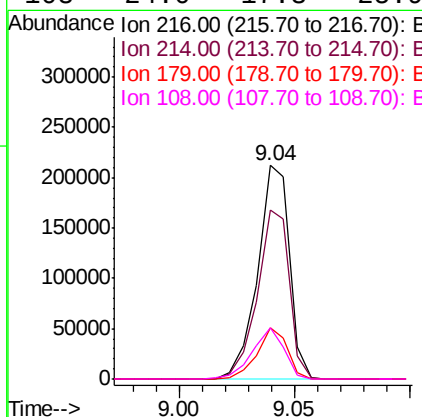
Manual Integrations
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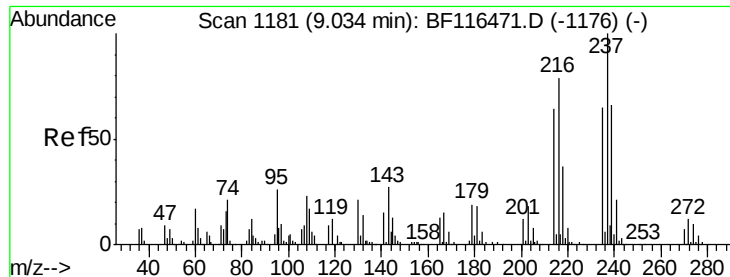
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.459 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.8
179	22.7	18.5	27.7
108	24.0	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 89.303 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

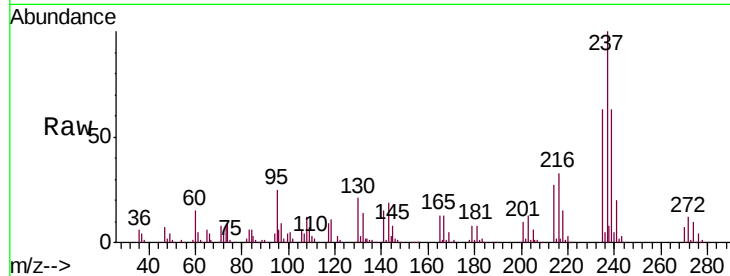
ClientSampleId :

PB122361BS

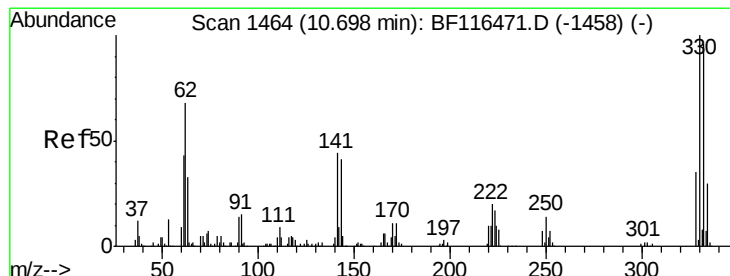
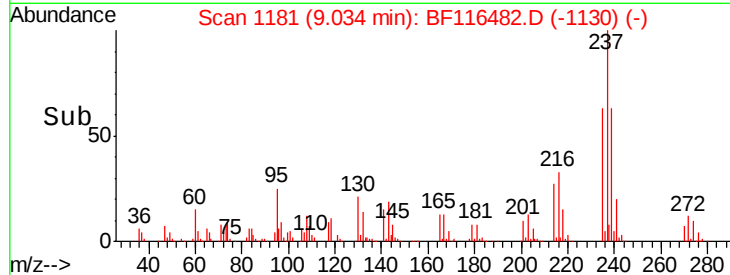
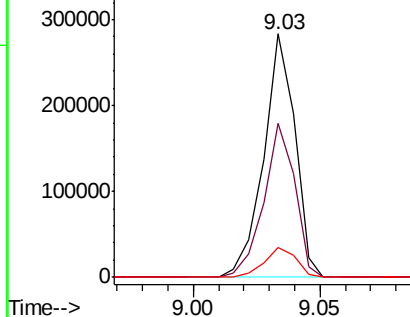
Tot Ion:	237	Resp:	242320
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.8	84.8
272	12.2	0.0	32.5

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 93.676 ng

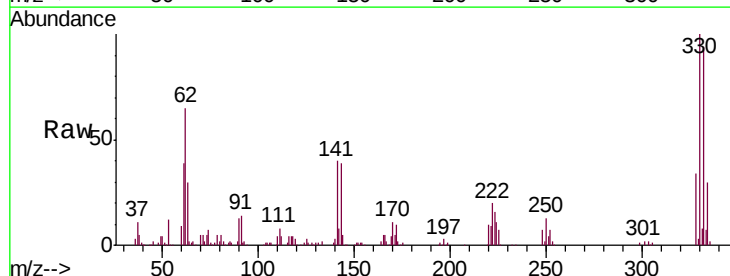
RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

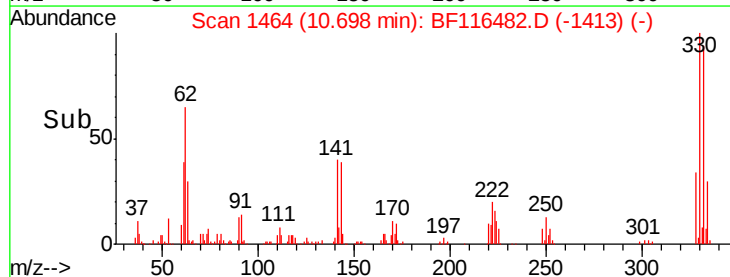
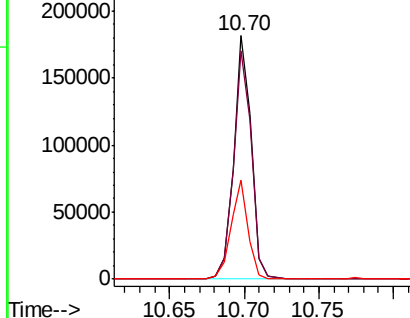
Lab File: BF116482.D

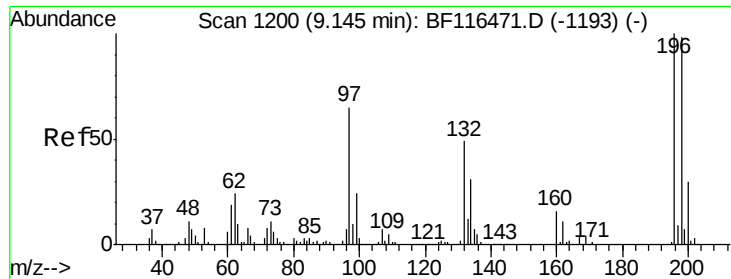
Acq: 23 Aug 2019 17:34

Tgt Ion:	330	Resp:	150781
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	39.4	33.3	49.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





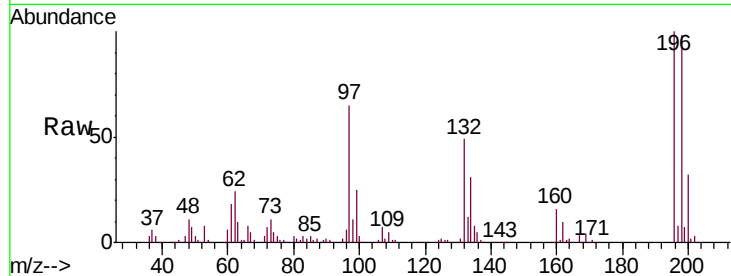
#43
 2,4,6-Trichlorophenol
 Concen: 38.303 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	135196		
198	98.3	78.0	117.0	
200	31.6	24.2	36.2	

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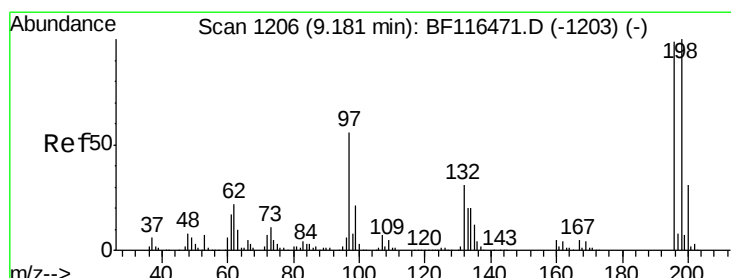
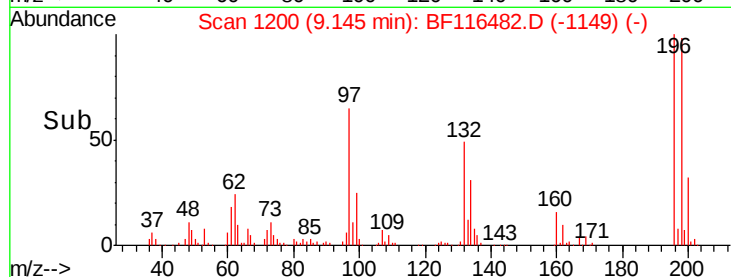
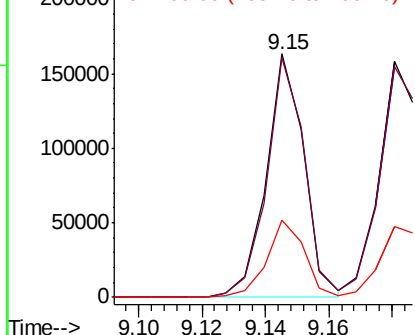


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.791 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139318		
198	98.0	80.8	121.2	
97	57.9	45.7	68.5	
132	31.3	25.1	37.7	

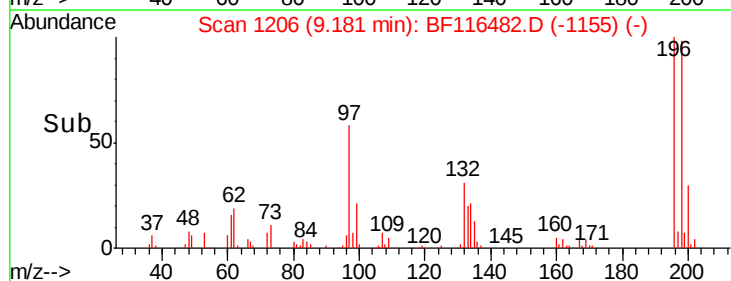
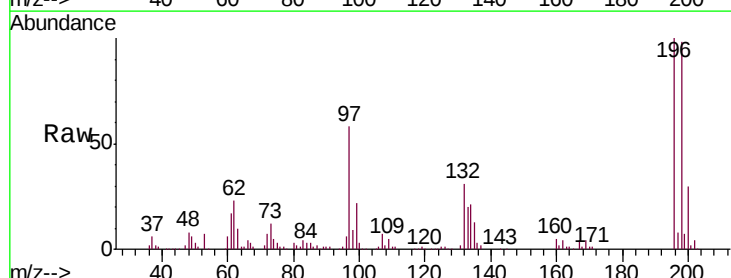
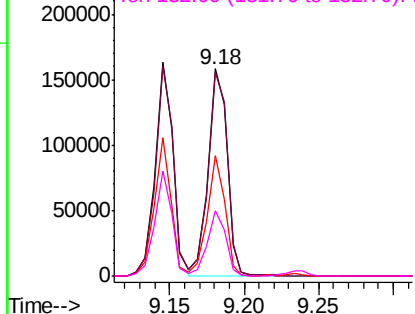
Abundance

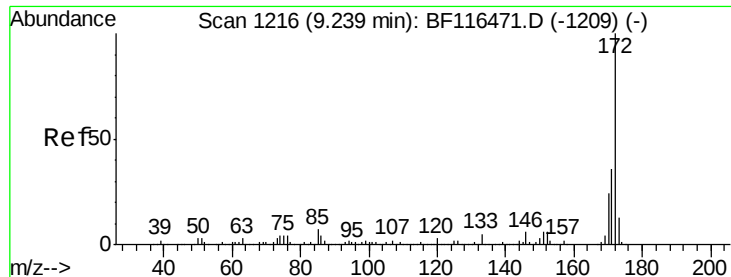
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





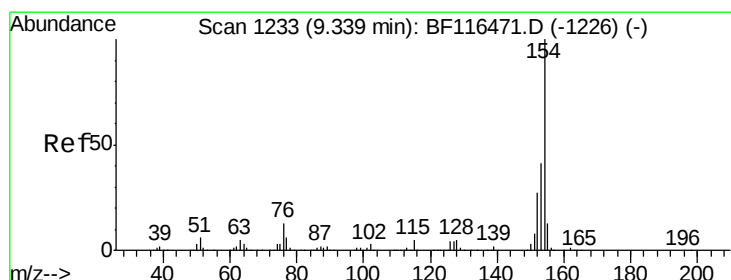
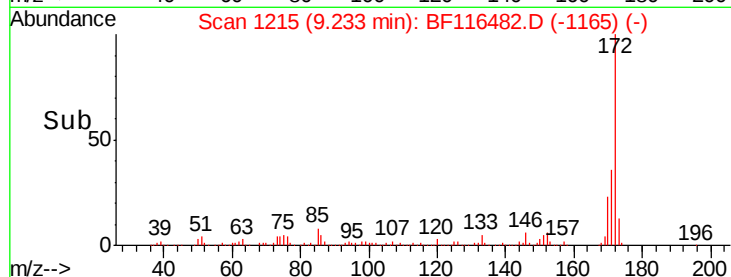
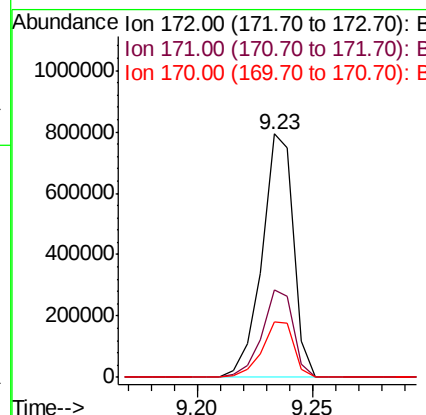
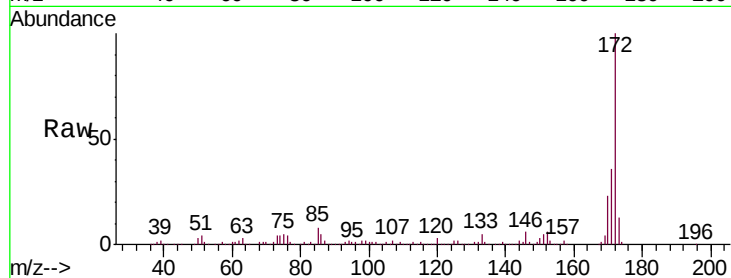
#45
2-Fluorobiphenyl
Concen: 64.733 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	753498		
171	35.9		28.9	43.3
170	23.0		19.4	29.0

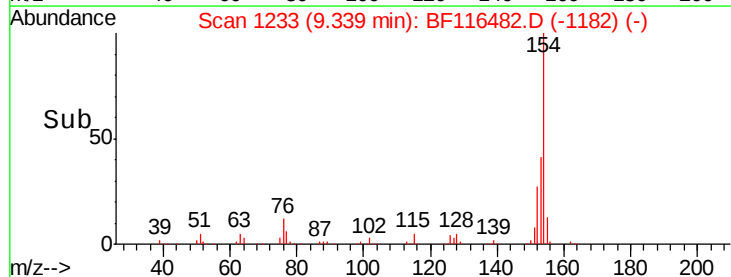
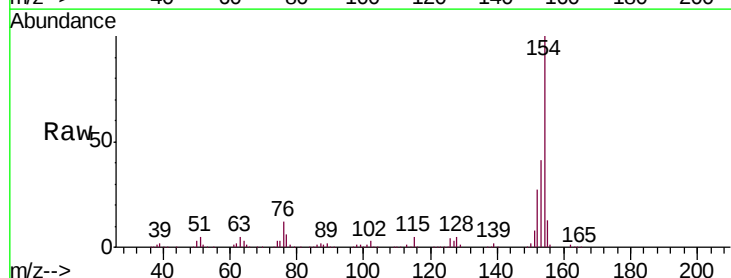
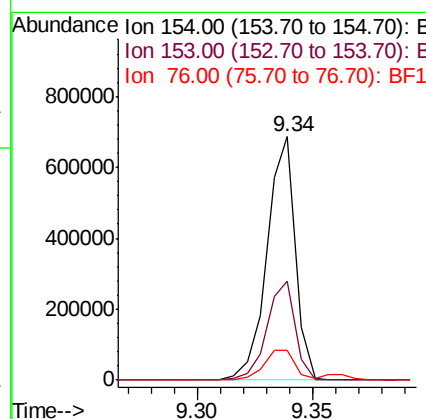
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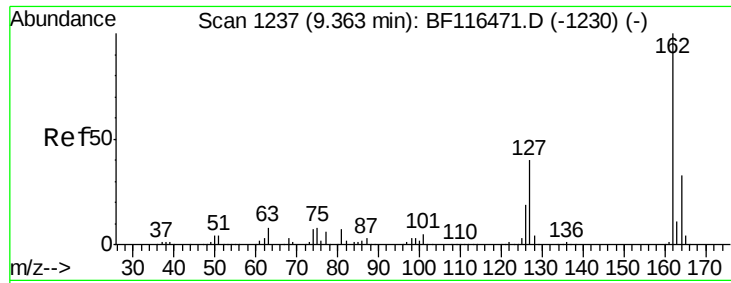
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#46
1,1'-Biphenyl
Concen: 39.048 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	585218		
153	40.5		21.3	61.3
76	12.1		0.0	32.9





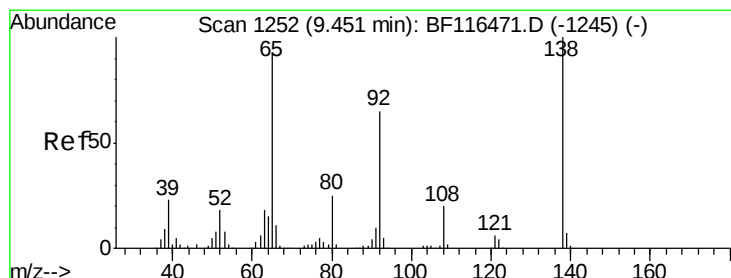
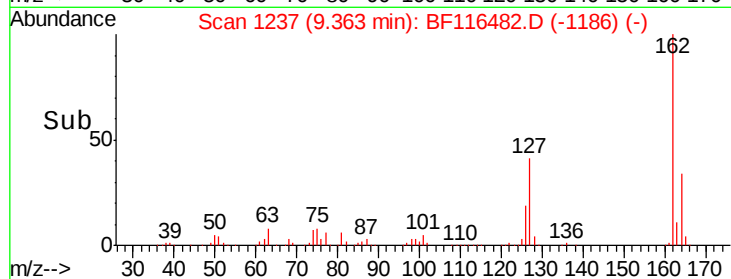
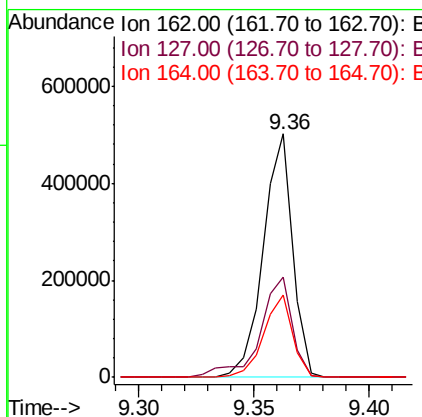
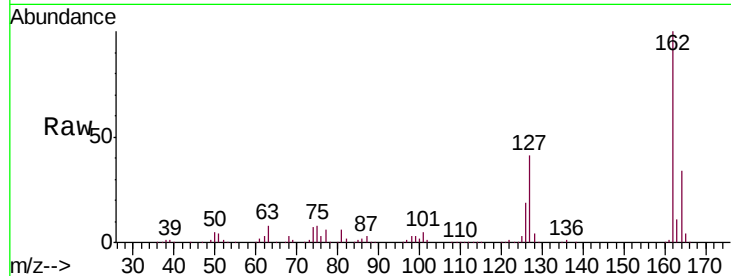
#47
 2-Chloronaphthalene
 Concen: 38.147 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.5	48.7
164	33.7	26.7	40.1

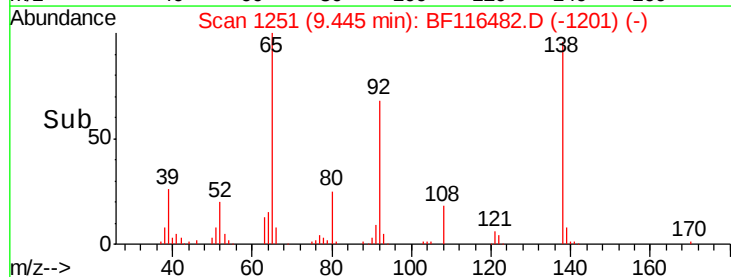
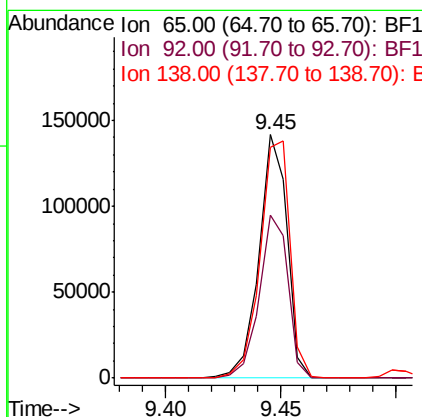
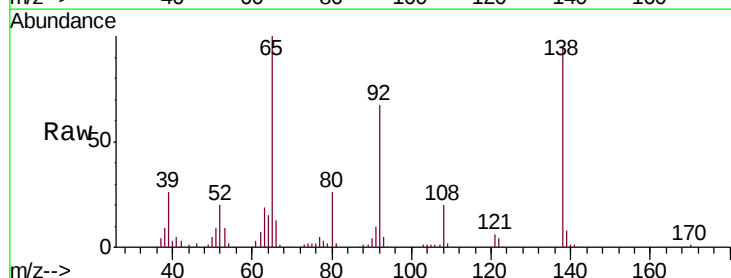
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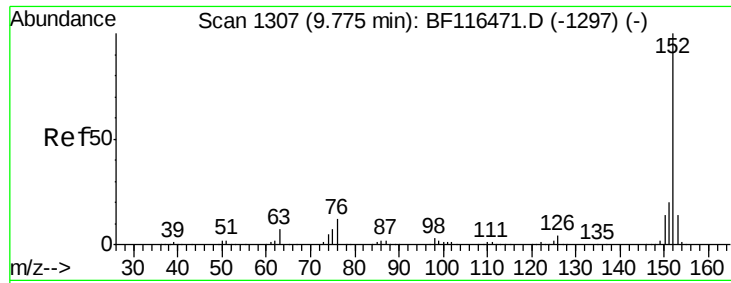
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#48
 2-Nitroaniline
 Concen: 33.939 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	56.2	84.2
138	94.8	86.0	129.0





#49

Acenaphthylene

Concen: 39.342 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

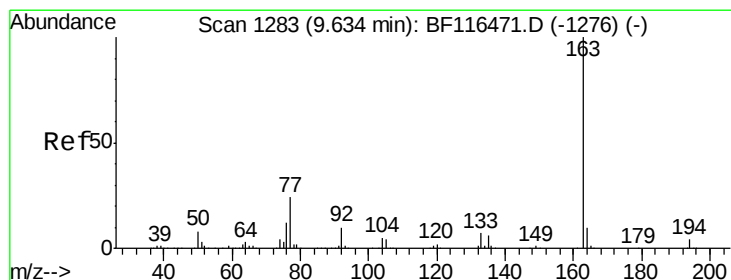
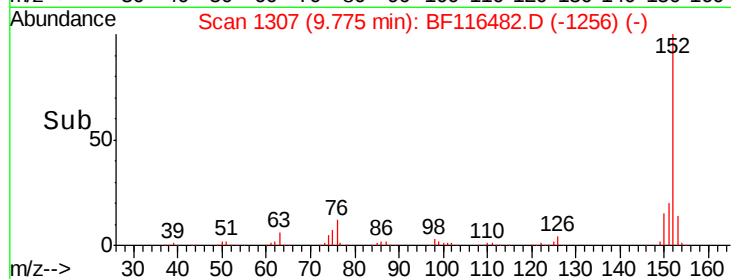
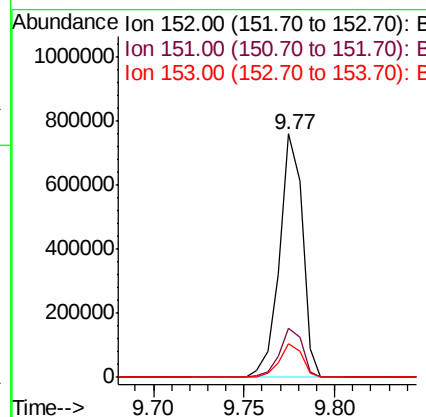
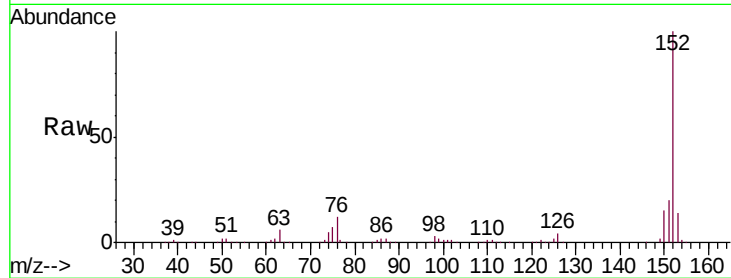
ClientSampleId :

PB122361BS

Tot Ion:	152	Resp:	668783
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	14.0	11.4	17.0

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#50

Dimethylphthalate

Concen: 35.431 ng

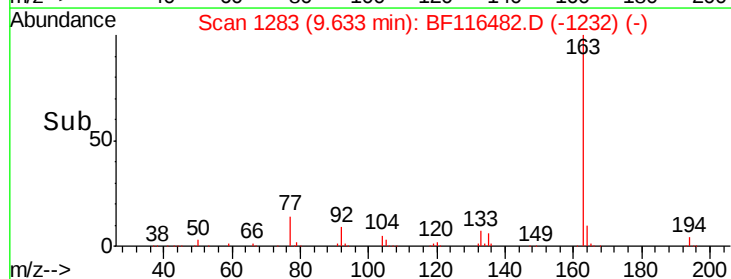
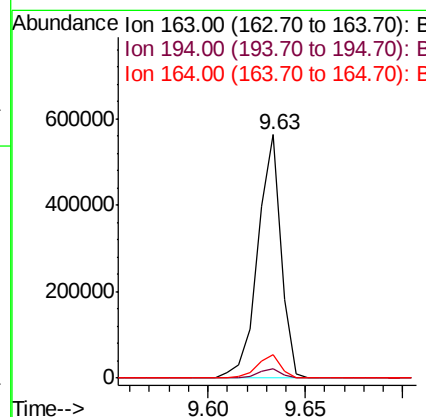
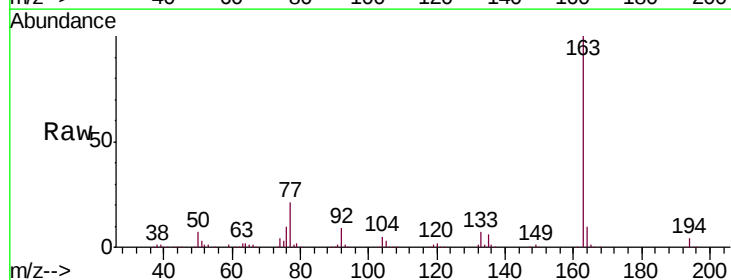
RT: 9.63 min Scan# 1283

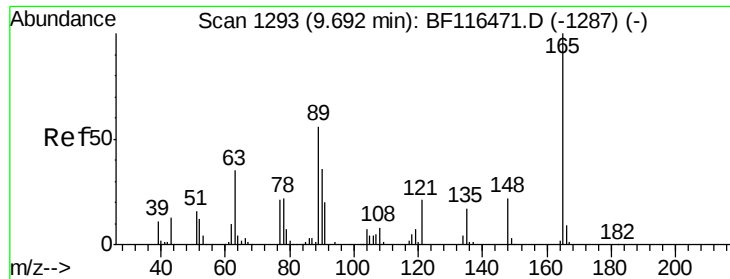
Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Tgt Ion:	163	Resp:	463389
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.9	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 37.256 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

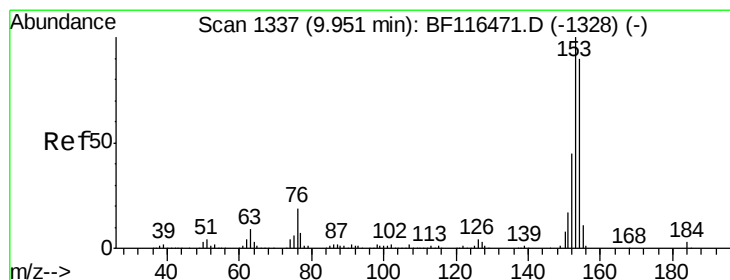
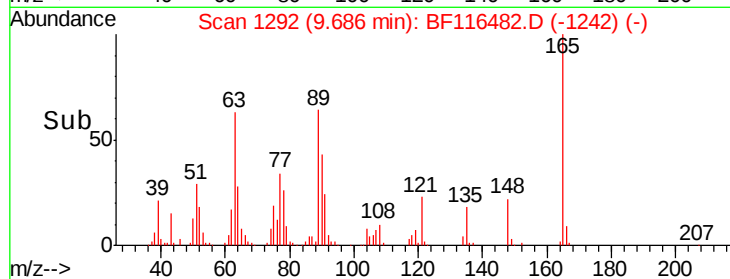
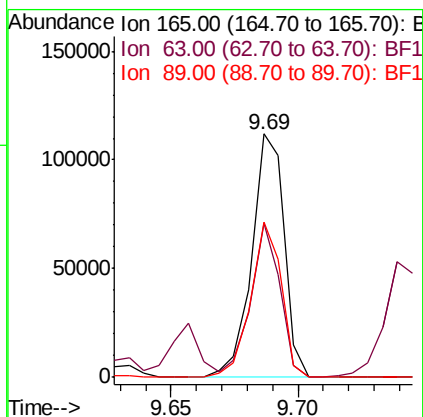
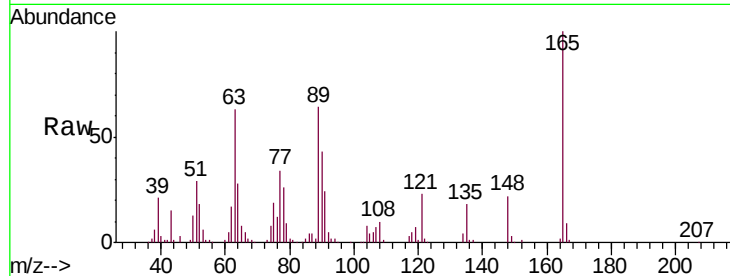
ClientSampleId :

PB122361BS

Tot Ion:	165	Resp:	99735
Ion Ratio	Lower	Upper	
165	100		
63	63.4	43.7	65.5
89	63.5	45.1	67.7

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#52

Acenaphthene

Concen: 40.041 ng

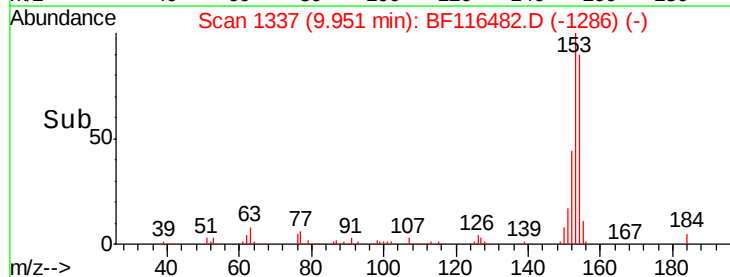
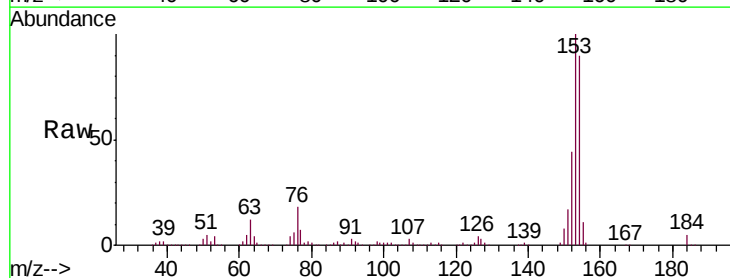
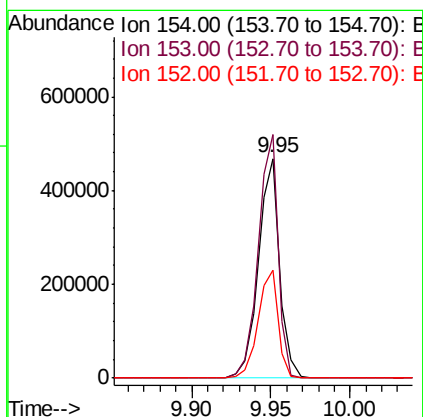
RT: 9.95 min Scan# 1337

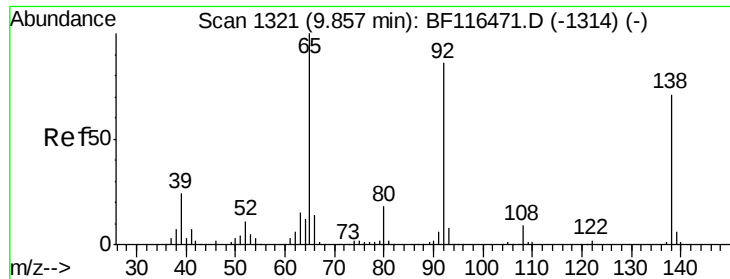
Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Tgt Ion:	154	Resp:	436762
Ion Ratio	Lower	Upper	
154	100		
153	111.0	89.3	133.9
152	49.3	40.2	60.4





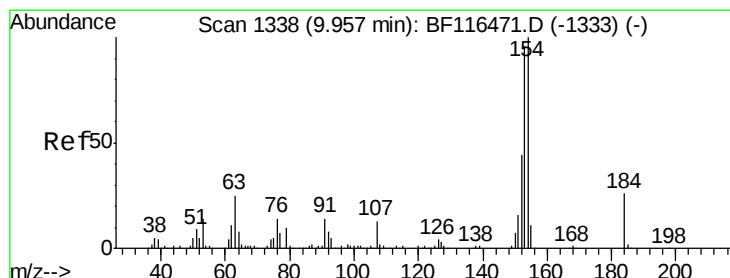
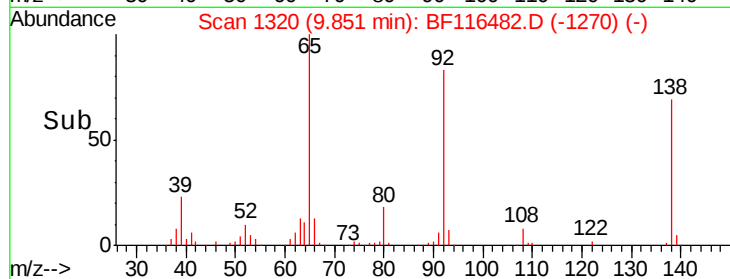
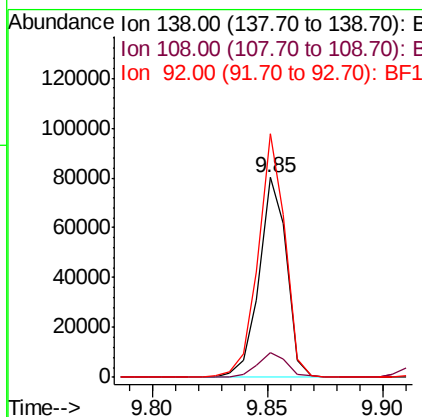
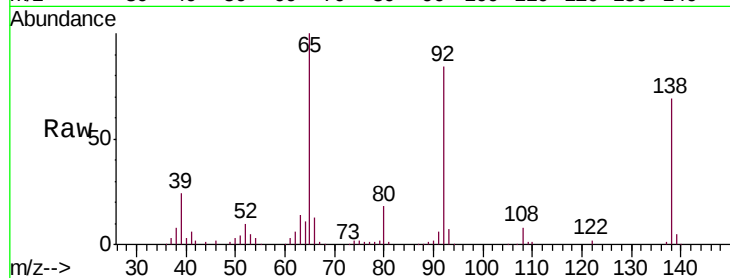
#53
 3-Nitroaniline
 Concen: 20.968 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	10.0	15.0
92	122.0	97.7	146.5

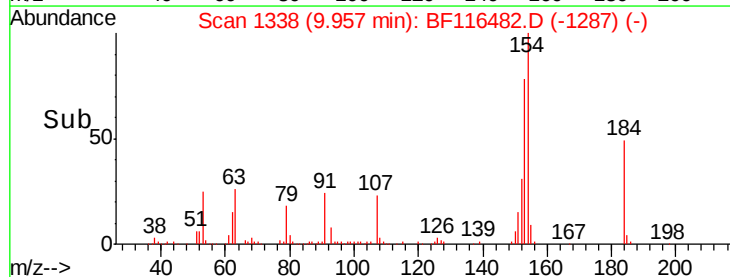
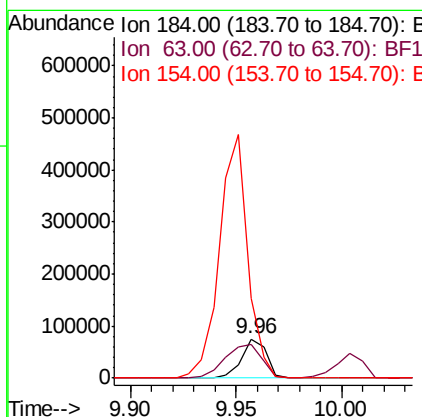
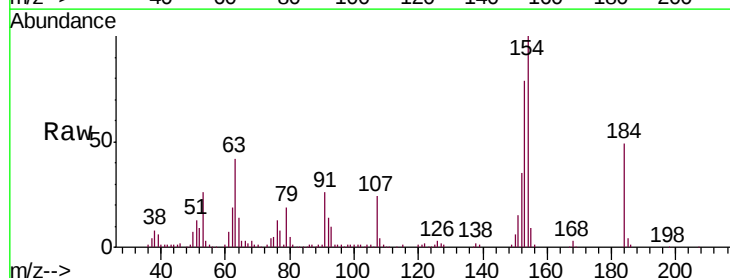
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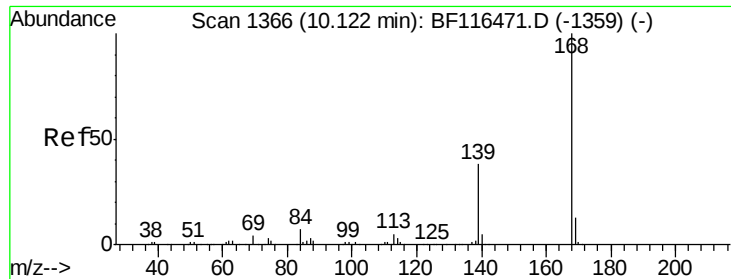
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#54
 2,4-Dinitrophenol
 Concen: 61.072 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.2	78.2	117.4
154	205.8	320.4	480.6#





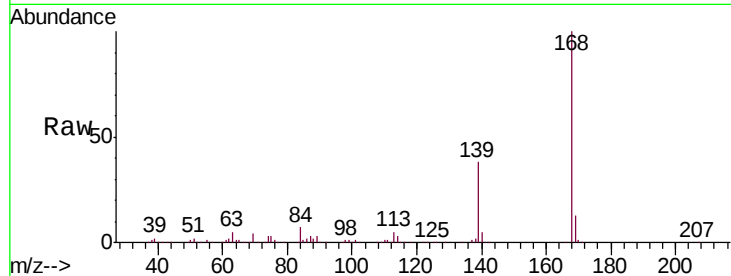
#55
Dibenzofuran
Concen: 37.859 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.7	46.1
169	13.4	10.7	16.1

Manual Integrations
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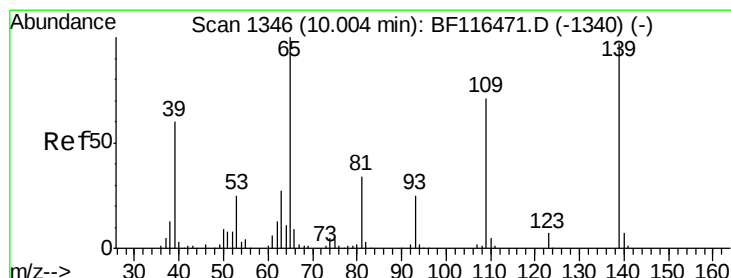
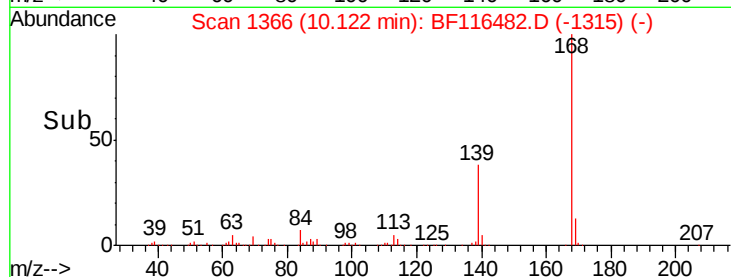
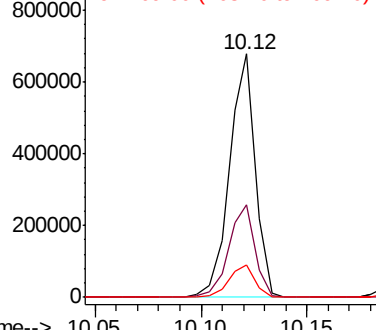


Abundance

Ion 168.00 (167.70 to 168.70): E

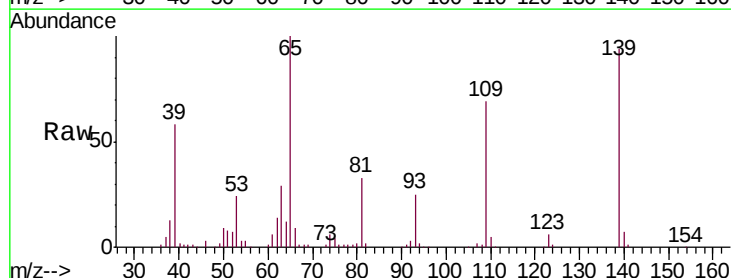
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 62.989 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.0	53.4	93.4
65	106.4	83.0	123.0

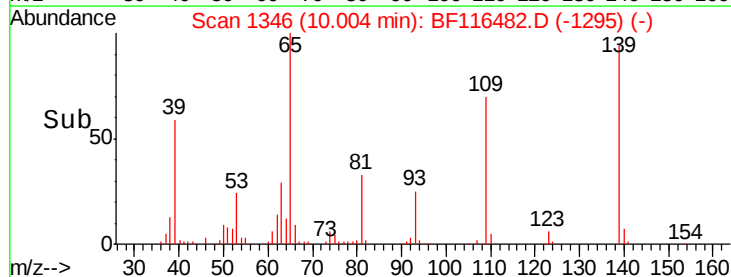
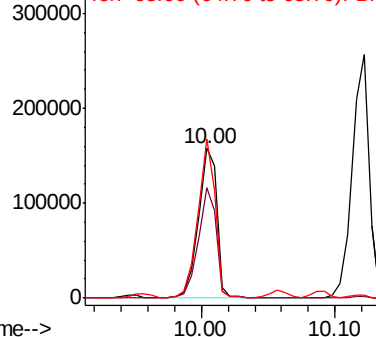


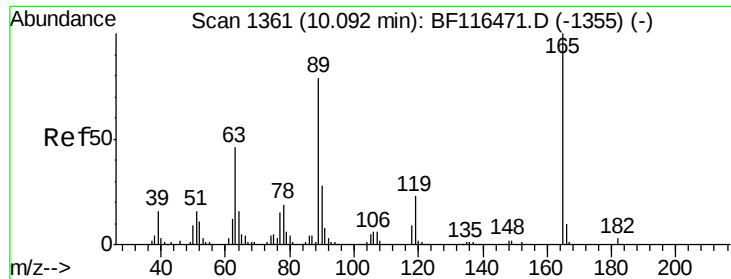
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





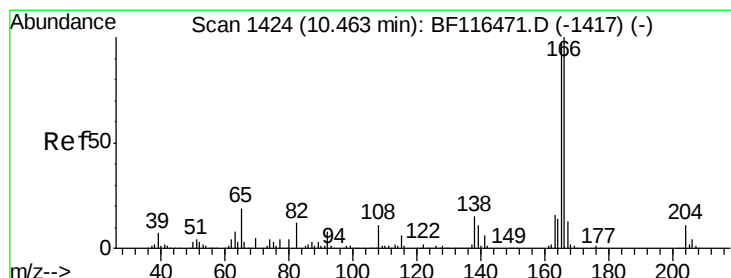
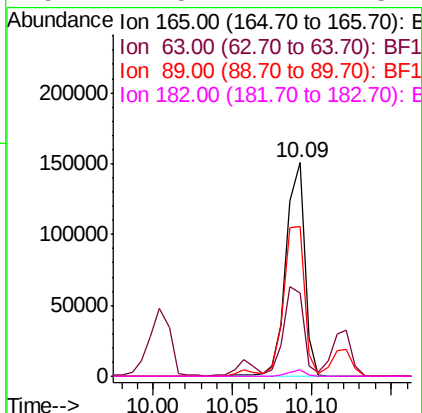
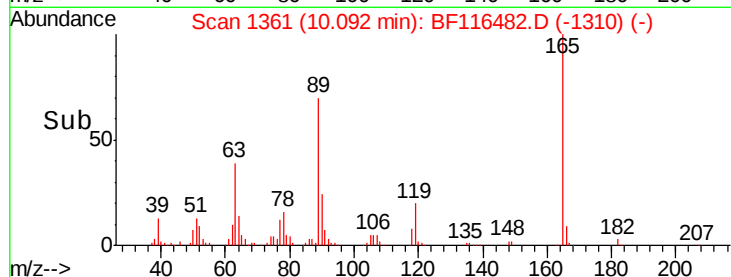
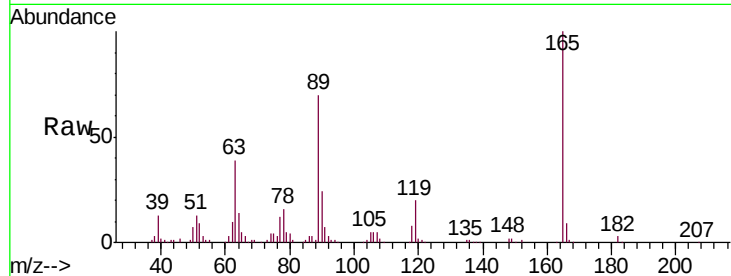
#57
 2,4-Dinitrotoluene
 Concen: 36.413 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	124036		
63	39.1	36.9	55.3	
89	70.1	63.4	95.0	
182	2.8	2.1	3.1	

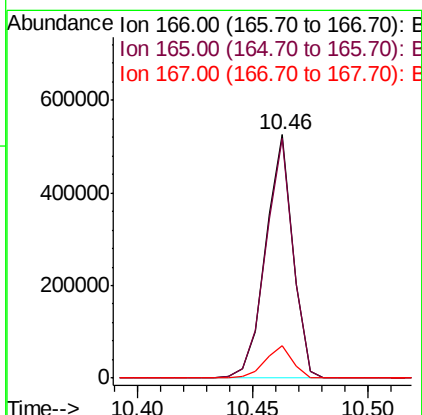
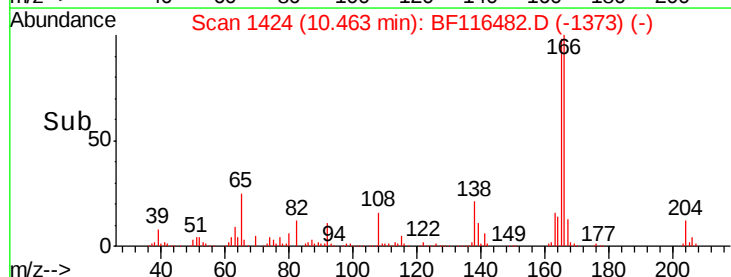
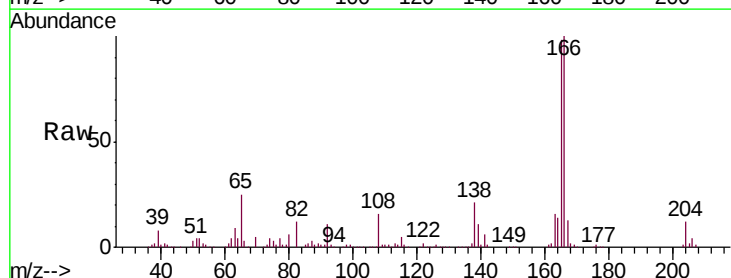
Manual Integrations
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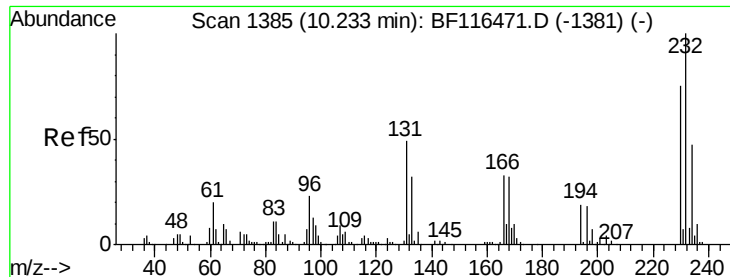
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#58
 Fluorene
 Concen: 36.616 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	432560		
165	98.4	77.4	116.0	
167	13.3	10.8	16.2	





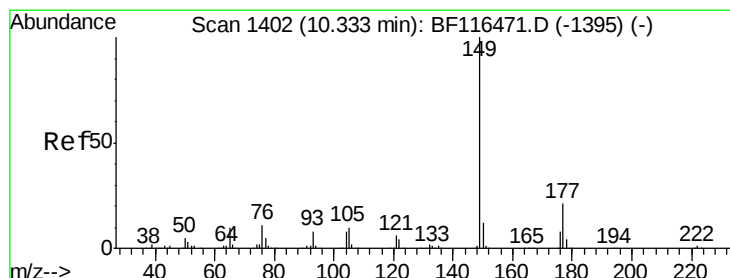
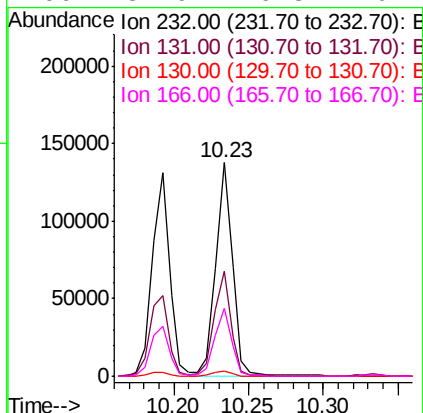
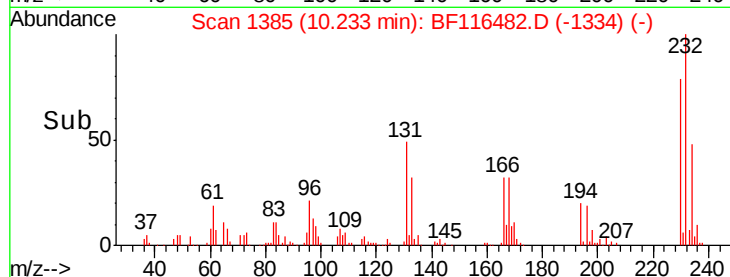
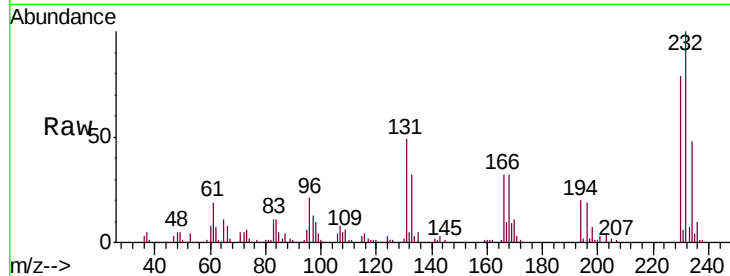
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.116 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		109453		
131	48.9	40.8	61.2		
130	2.4	1.8	2.8		
166	31.9	26.8	40.2		

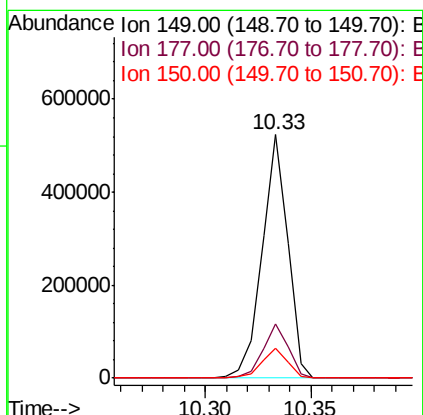
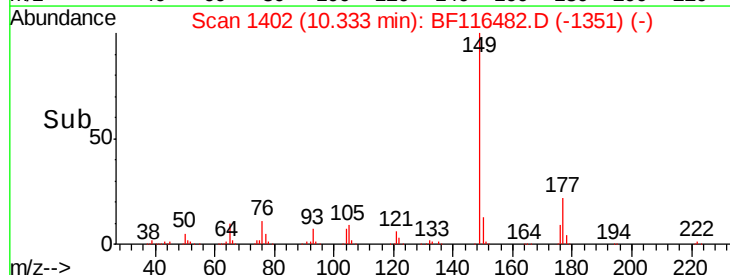
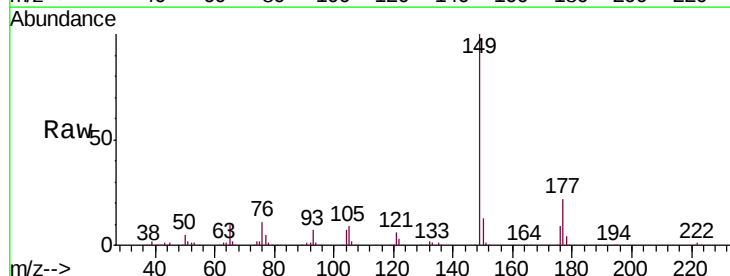
Manual Integrations
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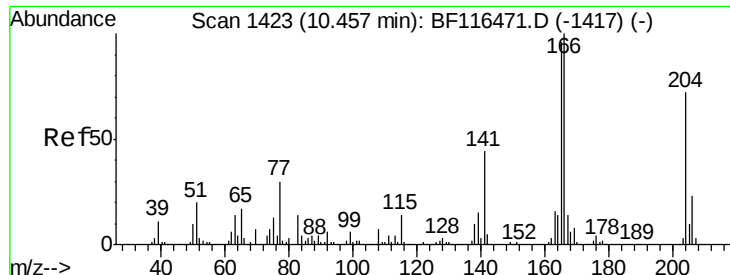
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#60
 Diethylphthalate
 Concen: 34.539 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		443981		
177	22.2	17.1	25.7		
150	12.5	9.8	14.6		





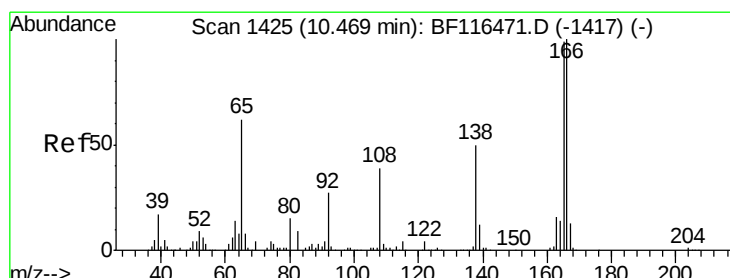
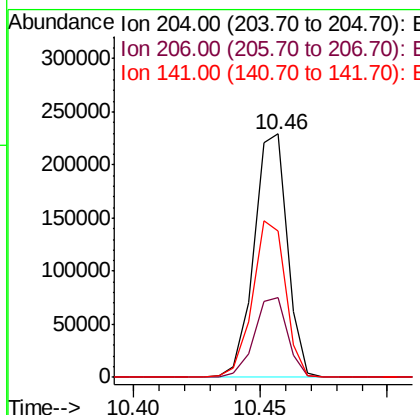
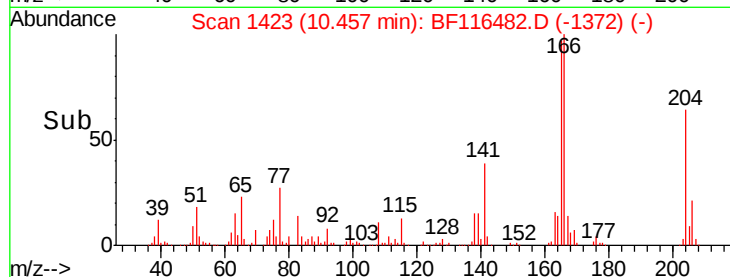
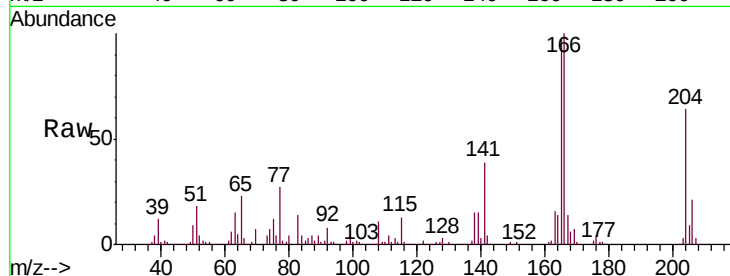
#61
 4-Chlorophenyl-phenylether
 Concen: 36.604 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion:	204	Resp:	210954
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.9	38.9
141	59.9	48.6	73.0

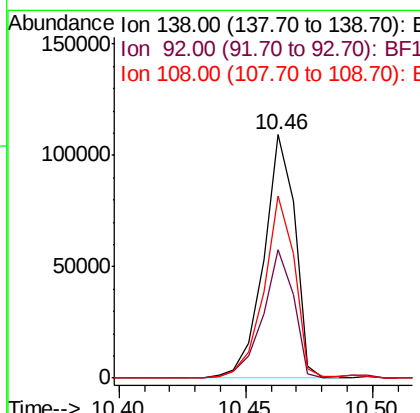
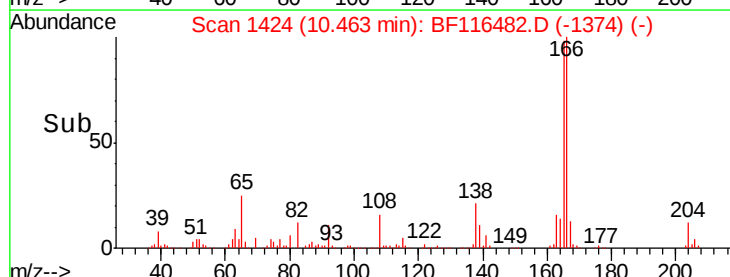
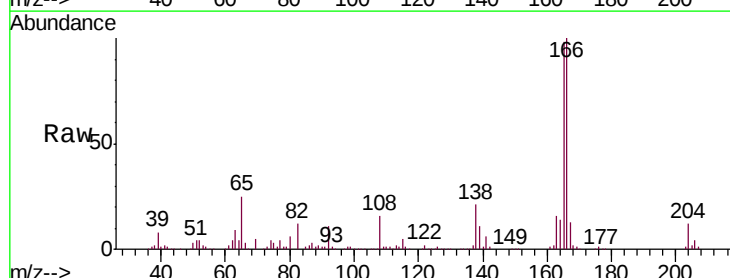
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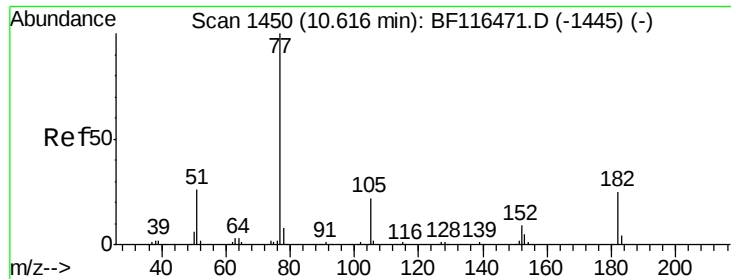
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#62
 4-Nitroaniline
 Concen: 30.278 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion:	138	Resp:	94495
Ion Ratio	Lower	Upper	
138	100		
92	52.8	34.9	74.9
108	74.6	57.7	97.7





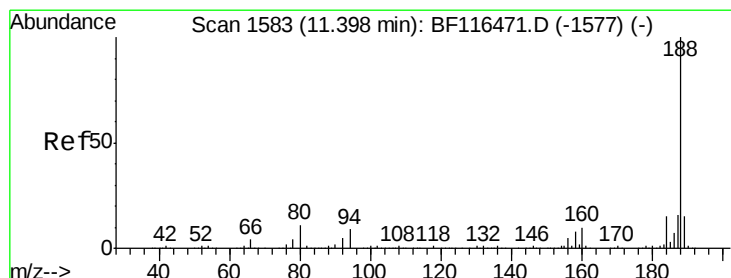
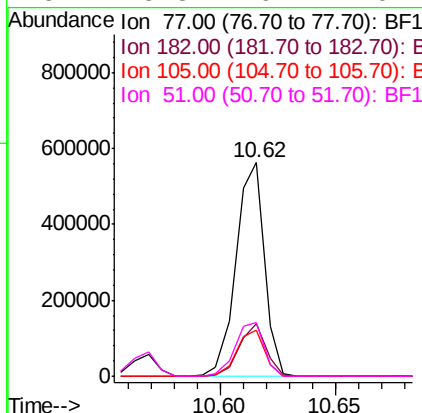
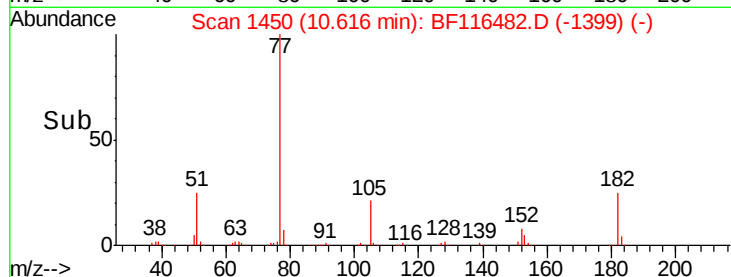
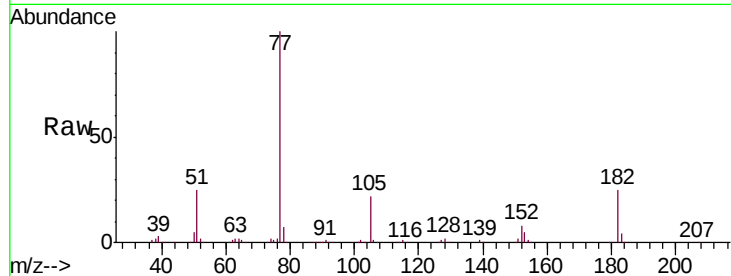
#63
Azobenzene
Concen: 36.682 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.8	5.4	45.4		
105	21.5	1.6	41.6		
51	25.3	6.2	46.2		

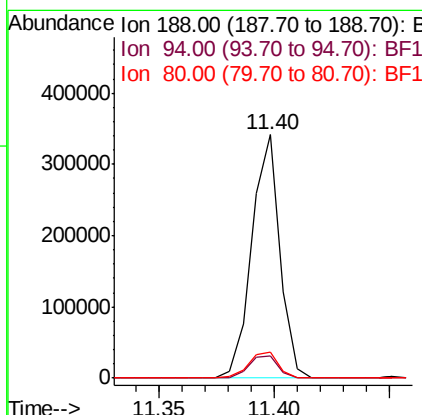
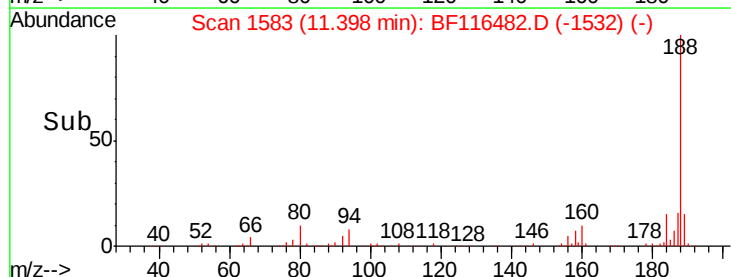
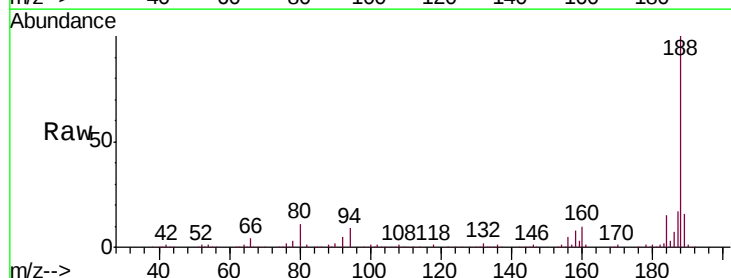
Manual Integrations
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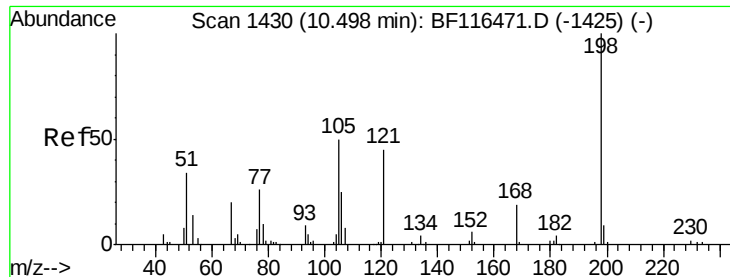
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	7.4	11.2		
80	10.5	8.6	12.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.250 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

ClientSampleId :

PB122361BS

Tot Ion:198 Resp: 46375

Ion Ratio Lower Upper

198 100

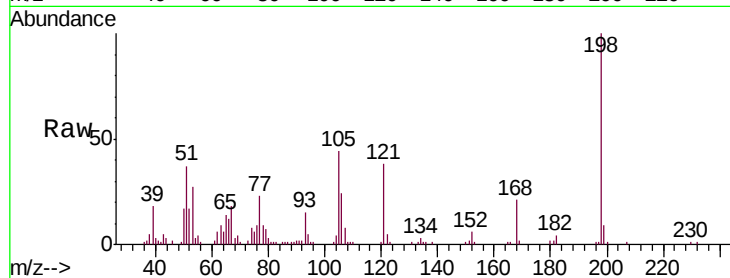
51 37.0 30.4 70.4

105 43.8 32.8 72.8

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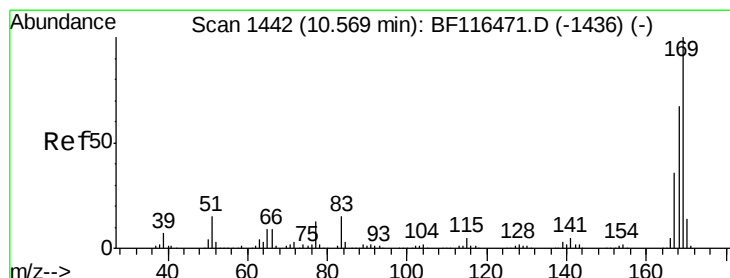
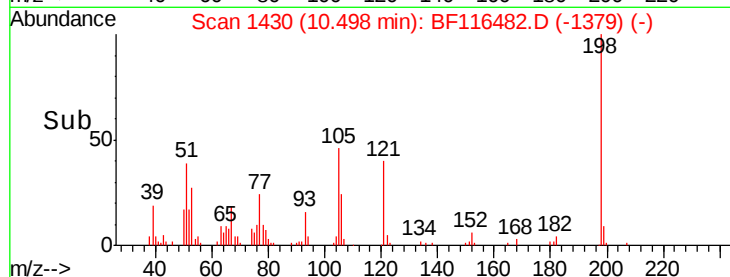
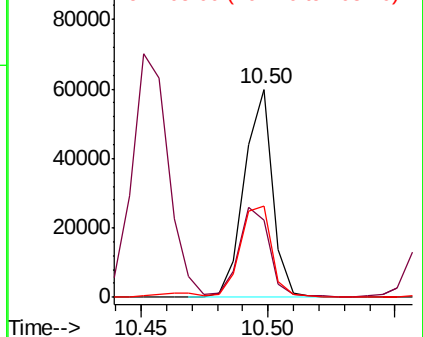
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.577 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

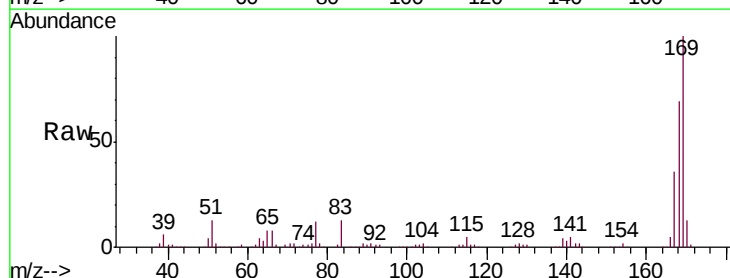
Tgt Ion:169 Resp: 372342

Ion Ratio Lower Upper

169 100

168 68.7 53.6 80.4

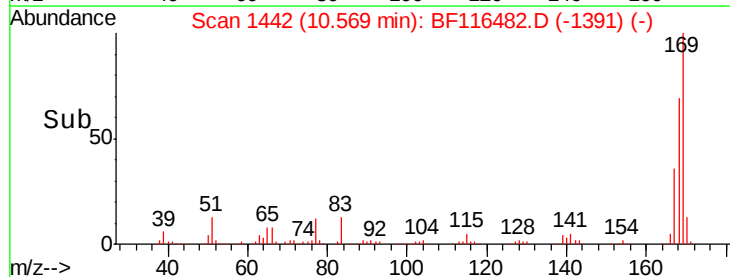
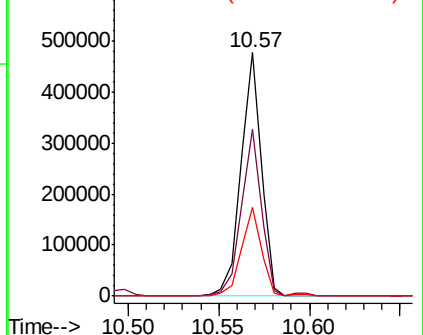
167 36.5 28.7 43.1

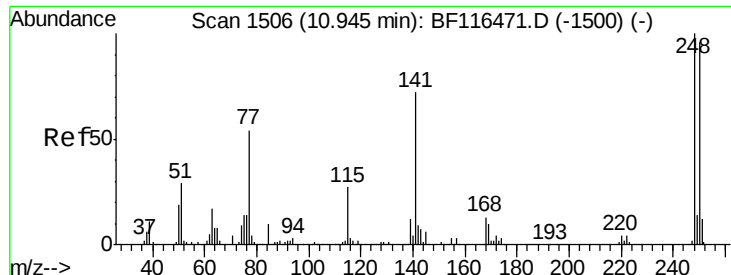


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





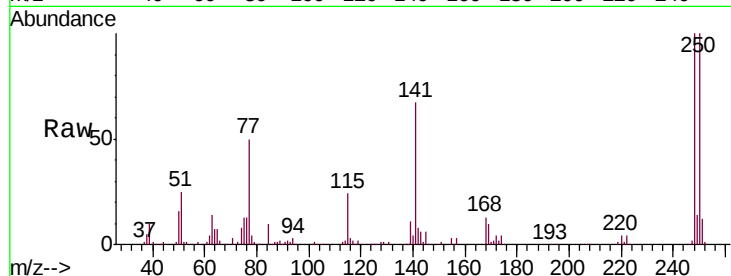
#67
4-Bromophenyl-phenylether
Concen: 40.199 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.0	115.6
141	67.1	57.4	86.0

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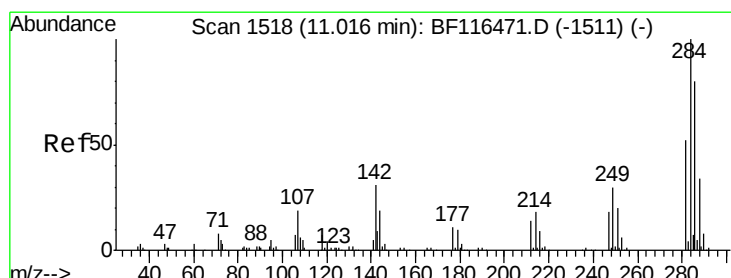
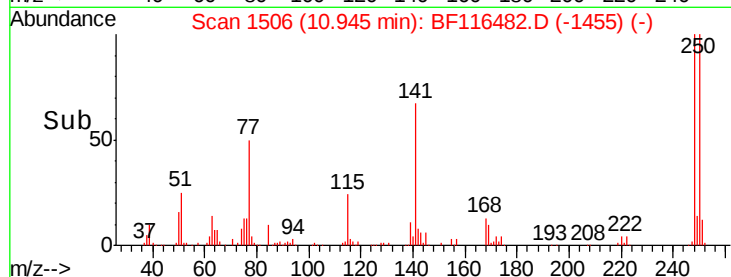
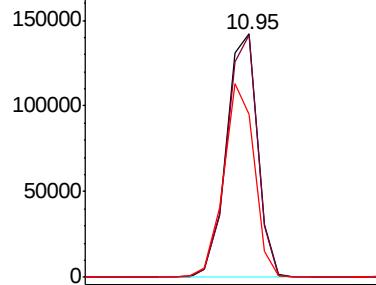


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.134 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

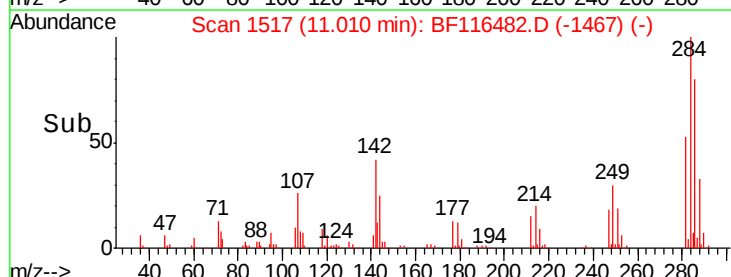
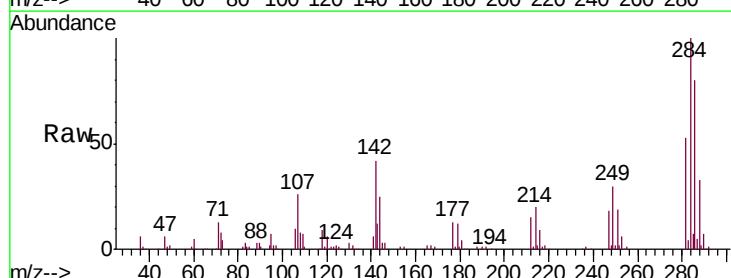
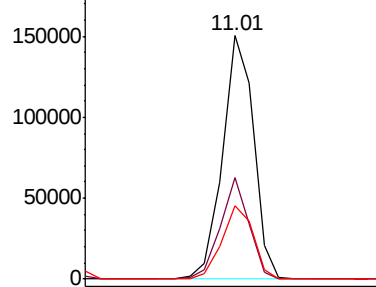
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.6	24.6	36.8#
249	30.3	24.1	36.1

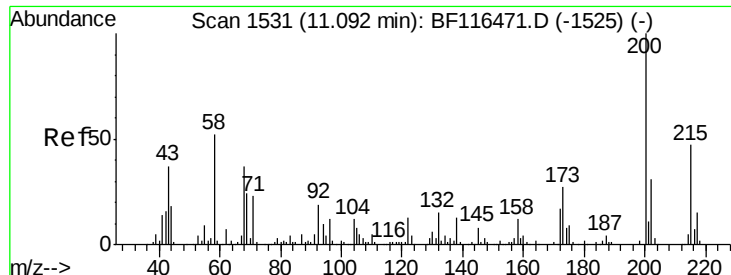
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





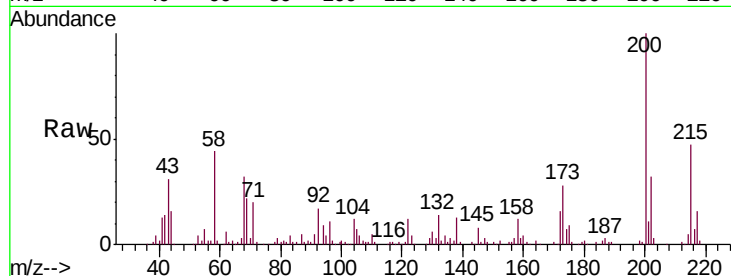
#69
Atrazine
Concen: 36.262 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.3	47.3
215	47.2	26.7	66.7

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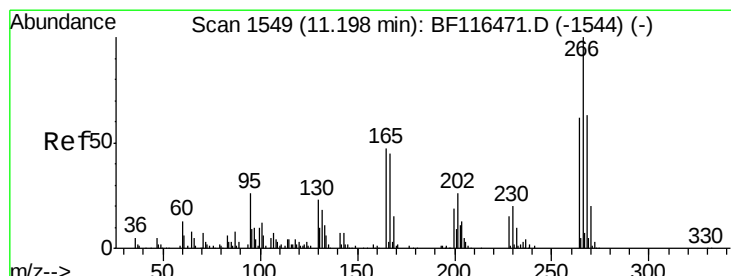
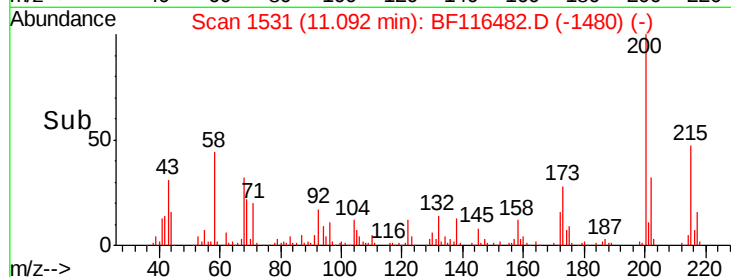
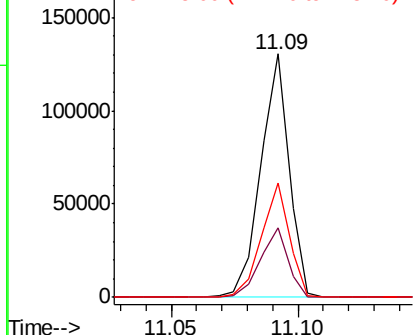


Abundance

Ion 200.00 (199.70 to 200.70): E

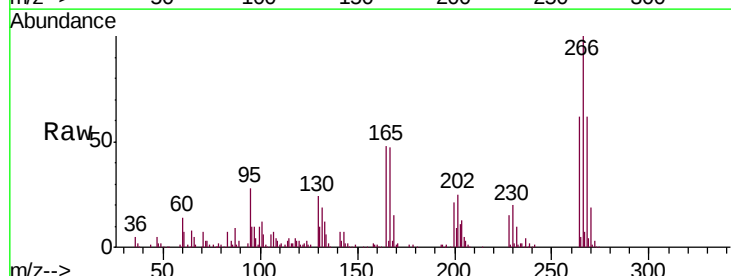
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 74.549 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.7	76.1
264	61.6	50.0	75.0

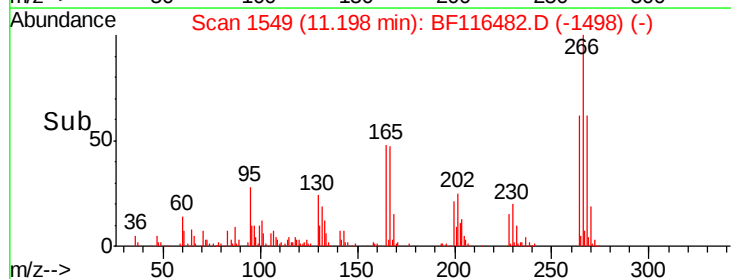
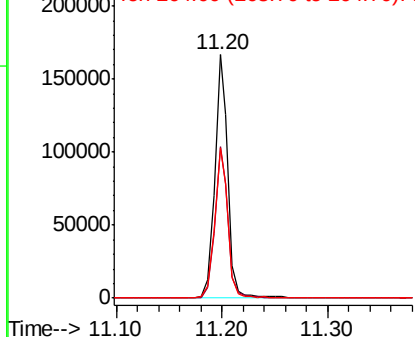


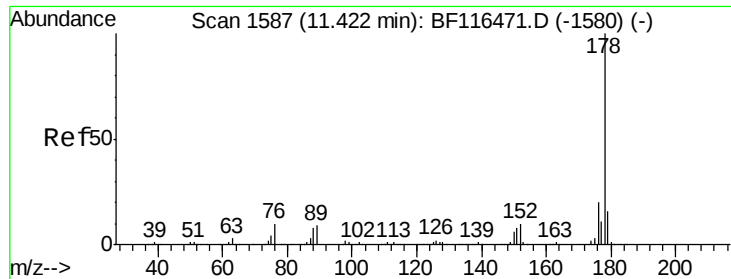
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





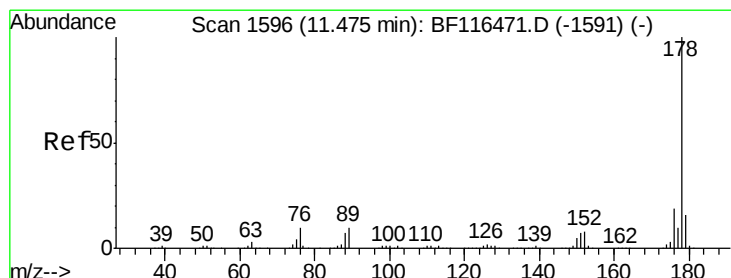
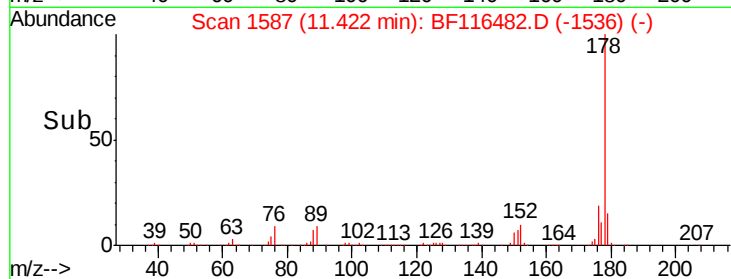
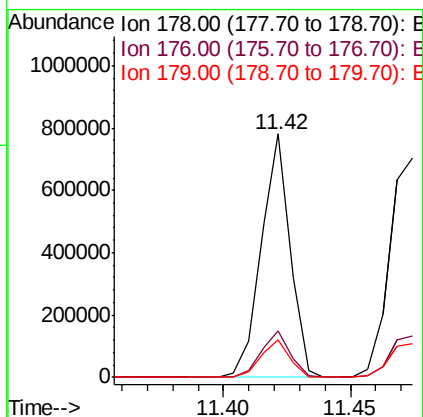
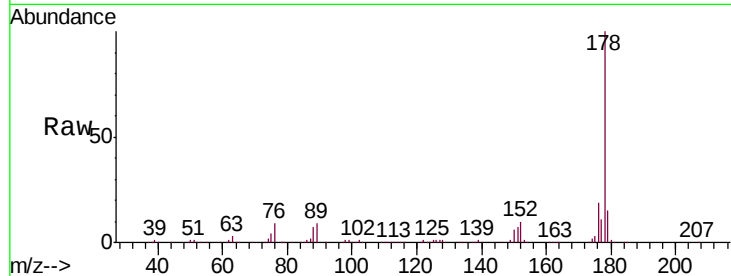
#71
Phenanthrene
Concen: 38.918 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.2	12.8	19.2

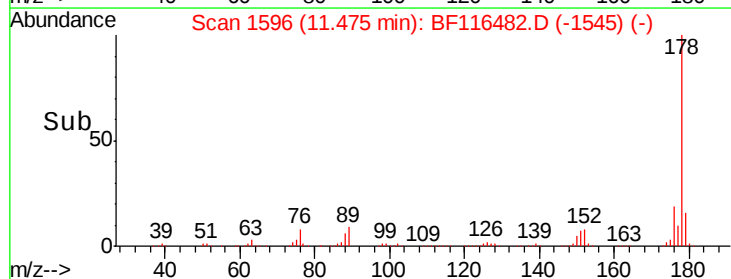
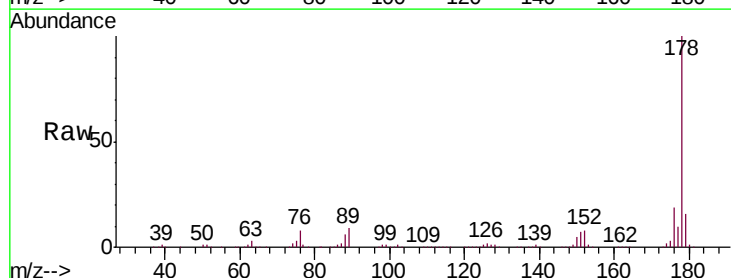
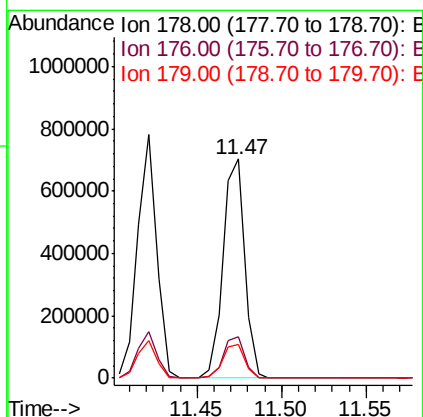
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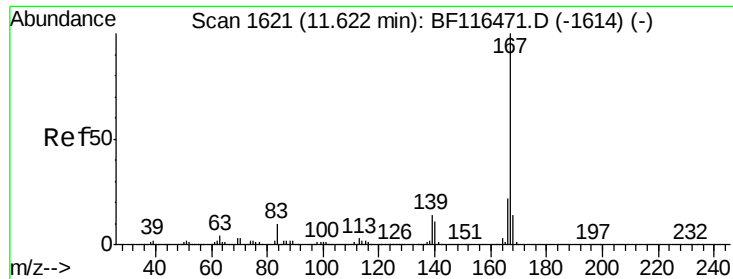
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#72
Anthracene
Concen: 39.413 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.6	12.5	18.7





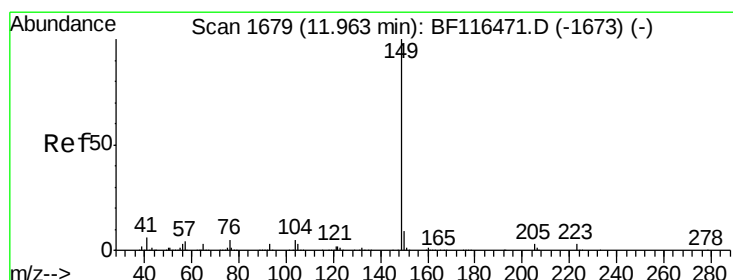
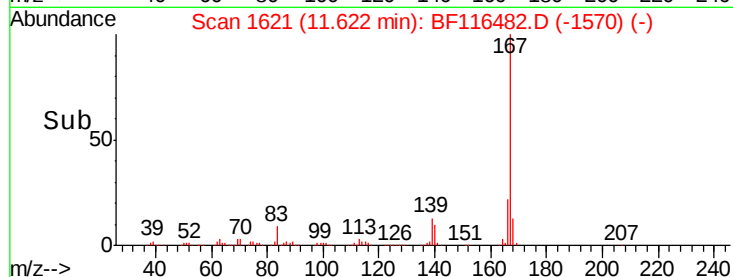
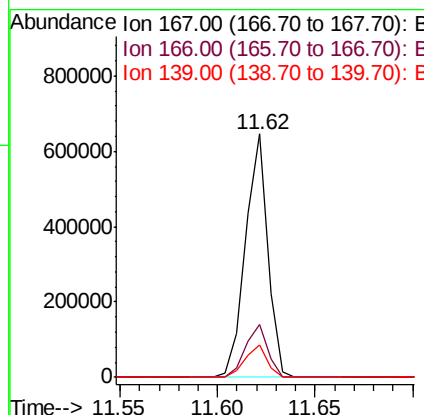
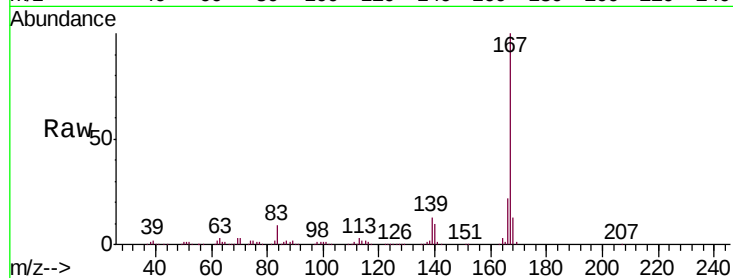
#73
 Carbazole
 Concen: 35.932 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.1	10.9	16.3

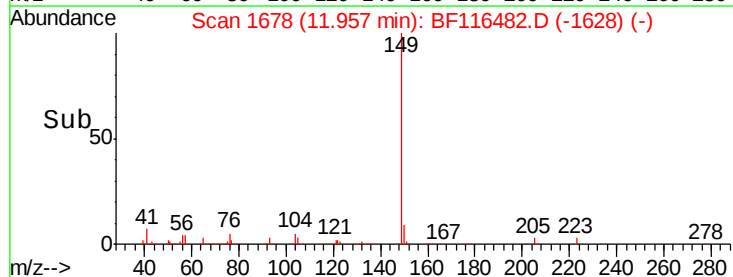
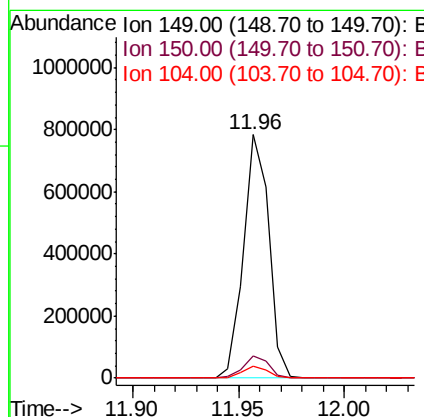
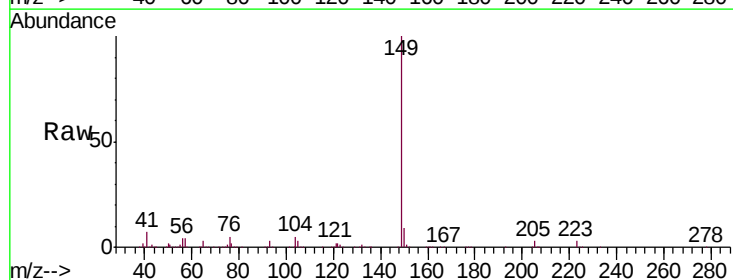
Manual Integrations
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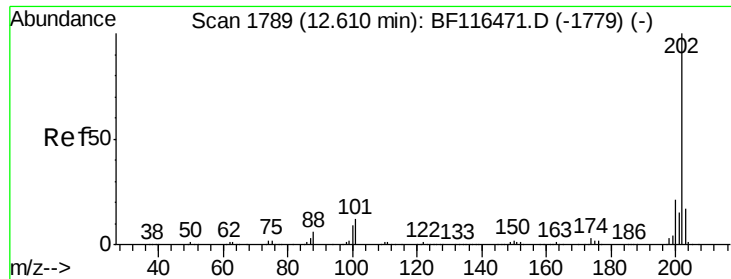
JAGRUT
 8/29/2019 8:23:36 AM



#74
 Di-n-butylphthalate
 Concen: 36.526 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.0	4.1	6.1





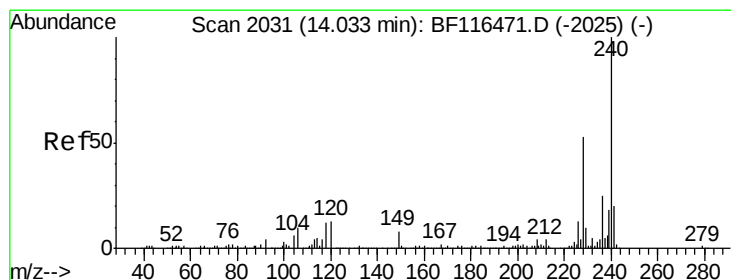
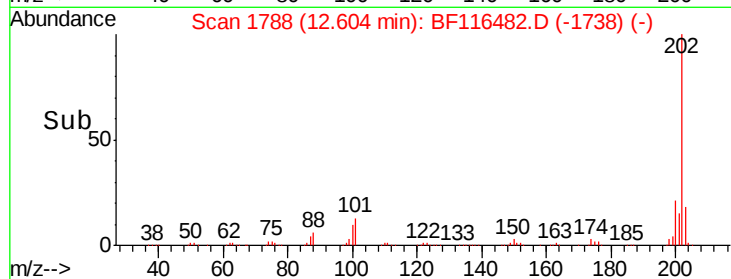
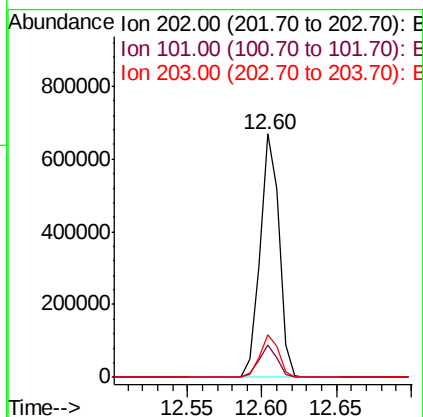
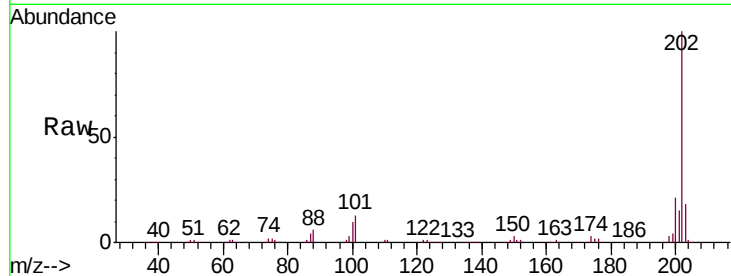
#75
Fluoranthene
Concen: 35.318 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	31.5
203	17.6	0.0	37.5

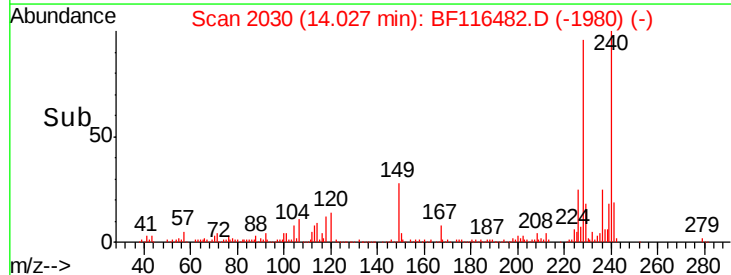
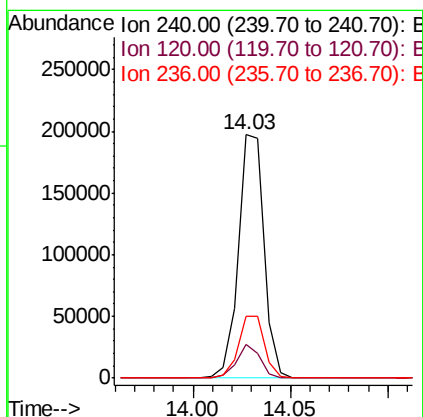
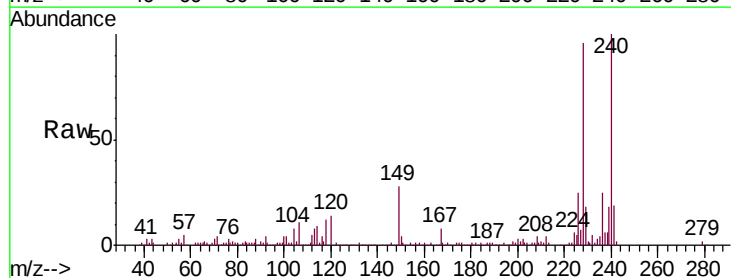
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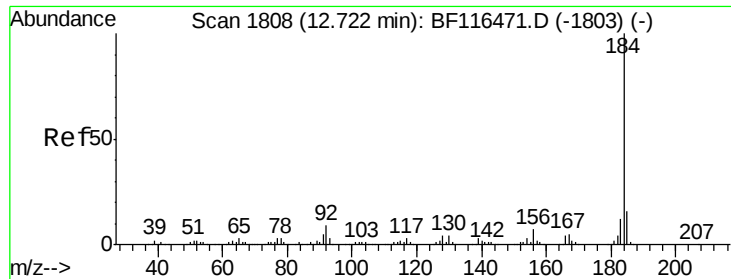
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	10.5	15.7
236	25.5	20.2	30.2





#77

Benzidine

Concen: 33.496 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116482.D

Acq: 23 Aug 2019 17:34

Instrument :

BNA_F

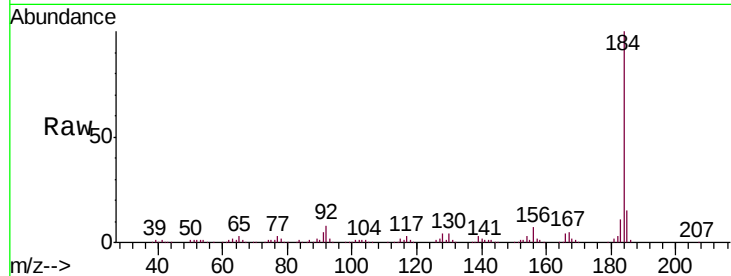
ClientSampleId :

PB122361BS

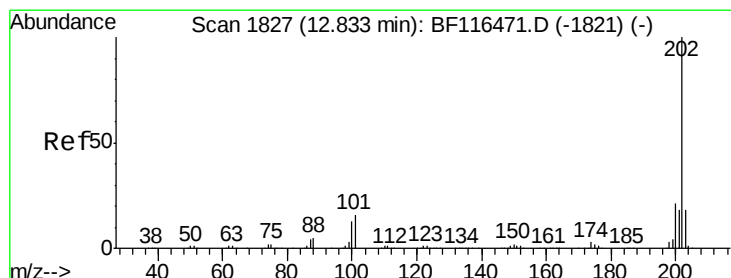
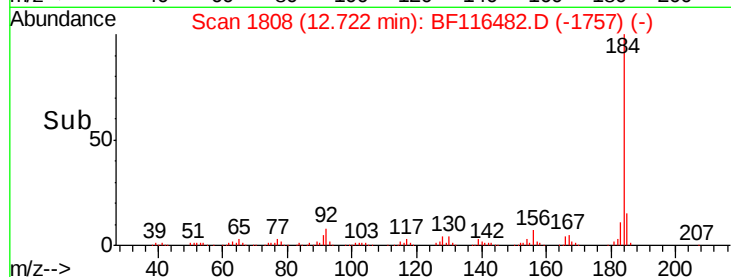
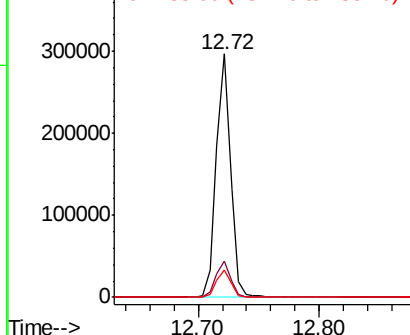
Tot Ion:	184	Resp:	241171
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.0	19.4
183	11.2	9.8	14.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.678 ng

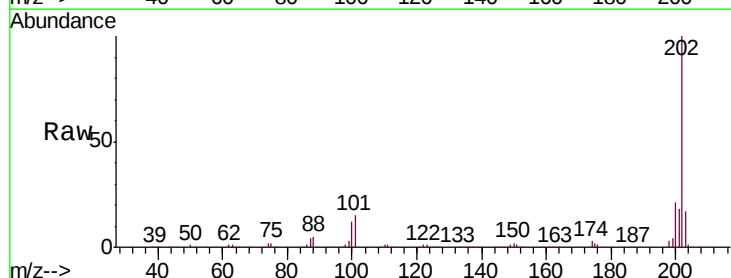
RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

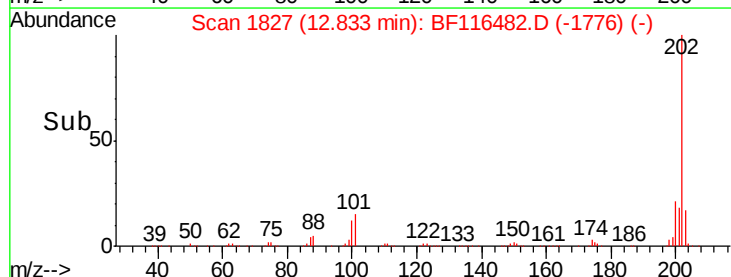
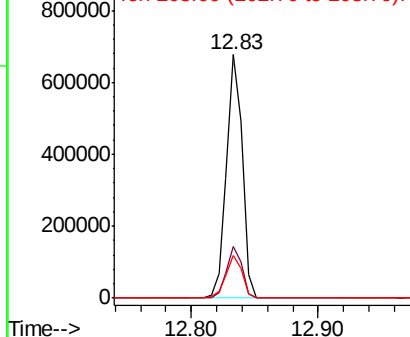
Lab File: BF116482.D

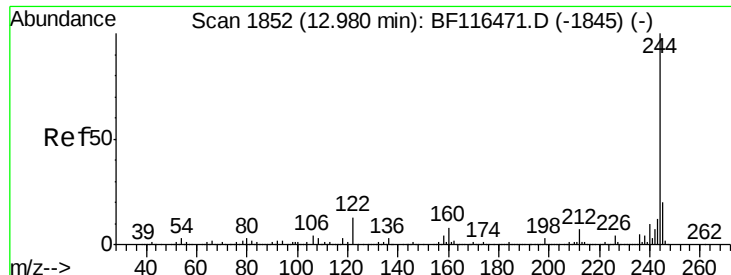
Acq: 23 Aug 2019 17:34

Tgt Ion:	202	Resp:	582167
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	17.4	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





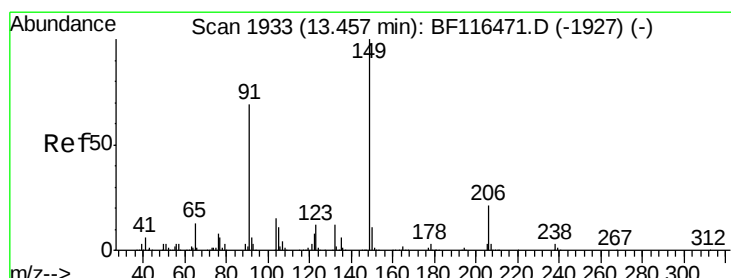
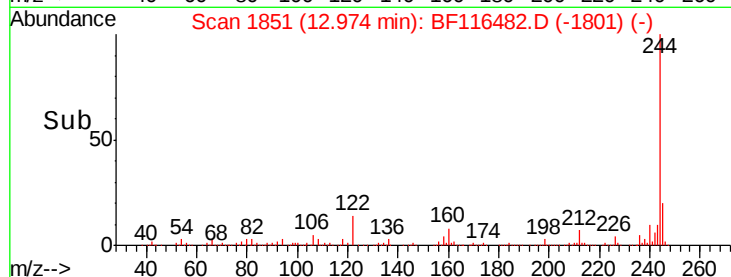
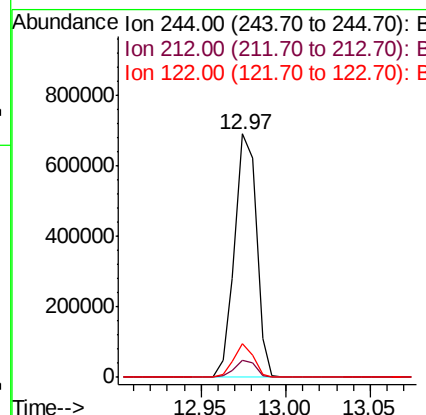
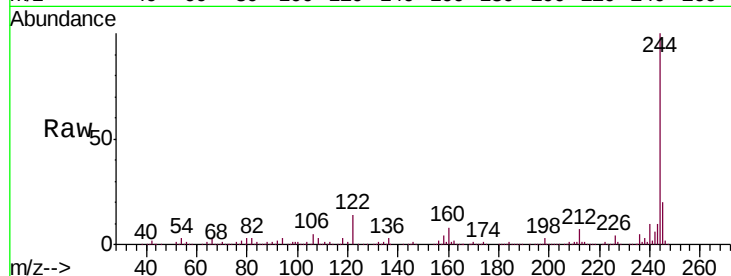
#79
 Terphenyl-d14
 Concen: 64.750 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB122361BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	14.0	10.2	15.4

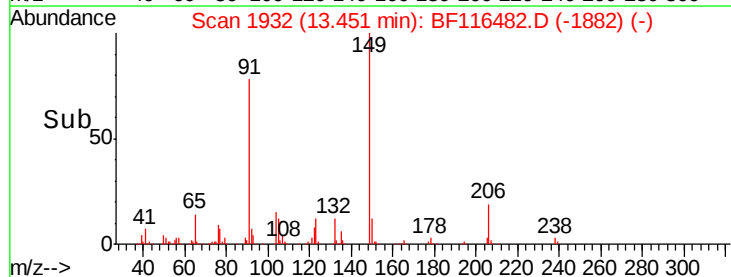
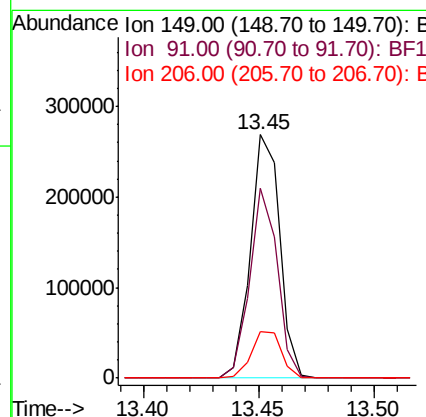
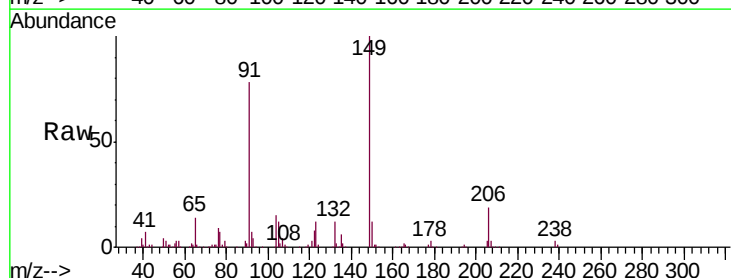
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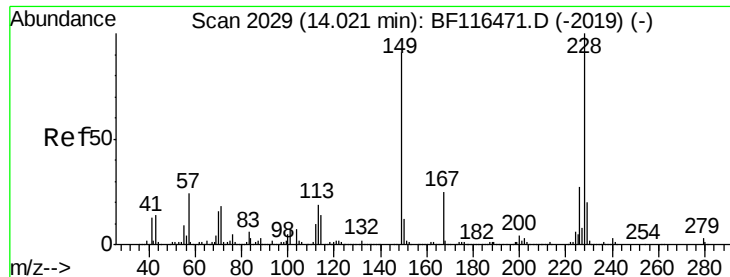
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#80
 Butylbenzylphthalate
 Concen: 38.838 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF116482.D
 Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.1	54.9	82.3
206	19.3	16.6	24.8





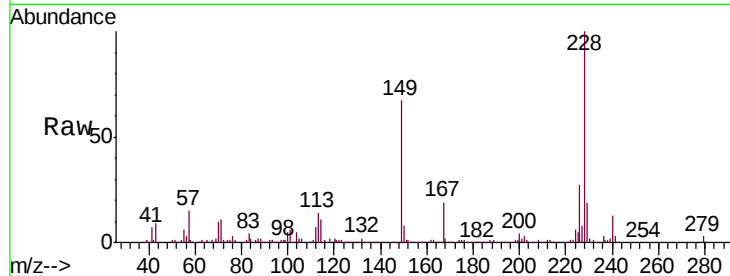
#81
Benzo(a)anthracene
Concen: 38.218 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		442963		
226	26.7	21.8	32.6		
229	19.3	15.9	23.9		

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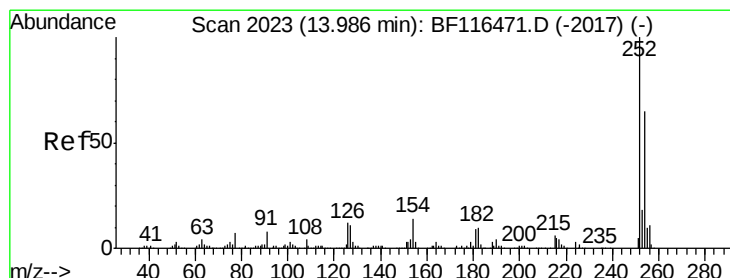
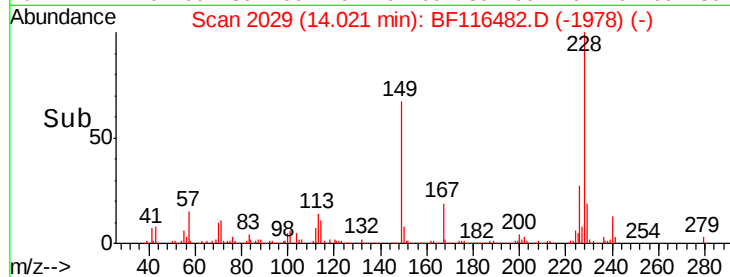
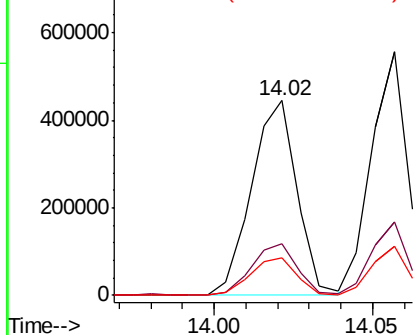


Abundance

Ion 228.00 (227.70 to 228.70): E

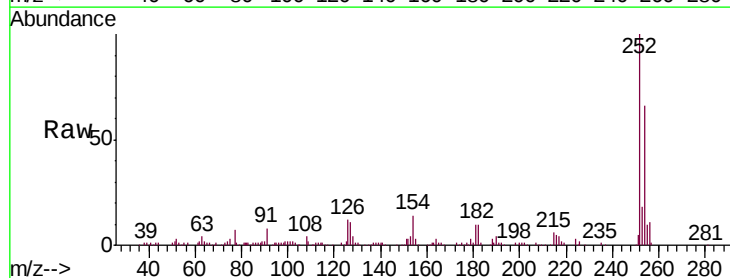
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.610 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		126432		
254	65.8	51.9	77.9		
126	11.6	9.4	14.0		

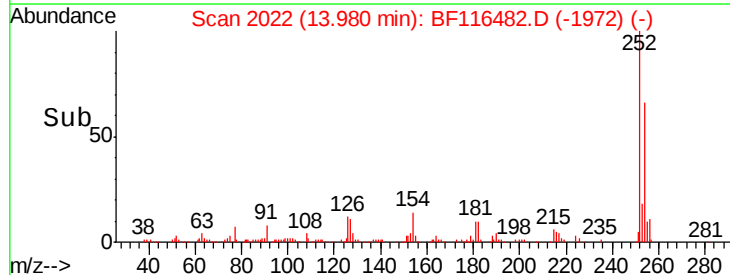
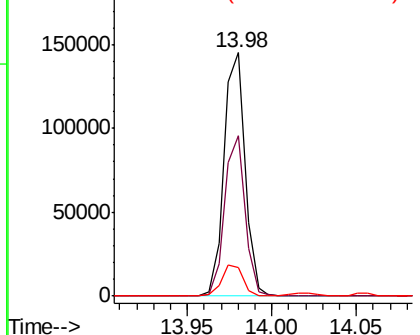


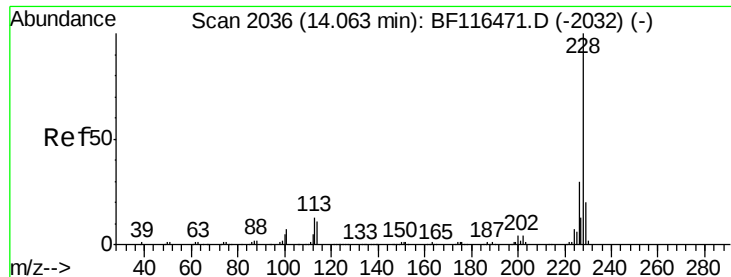
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





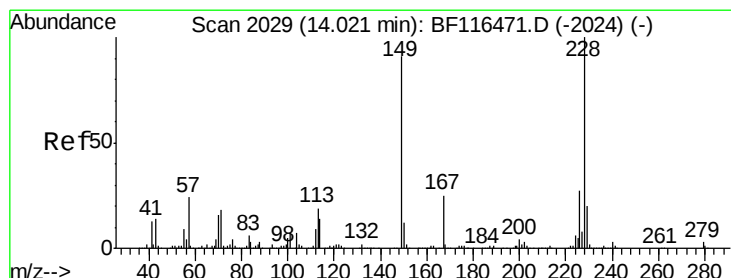
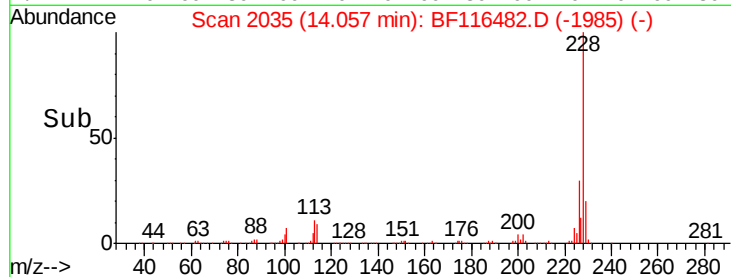
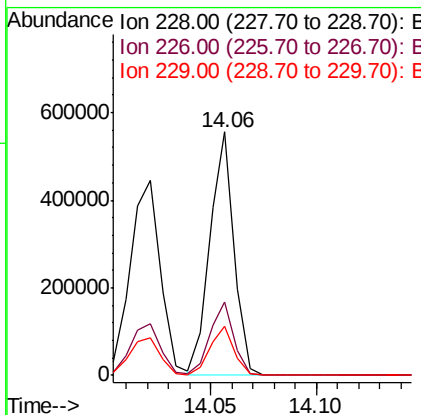
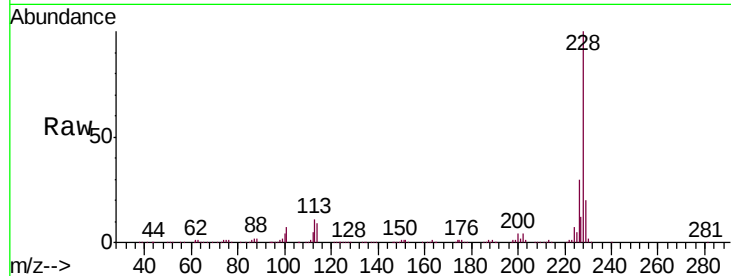
#83
Chrvsene
Concen: 37.610 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	20.0	15.8	23.6

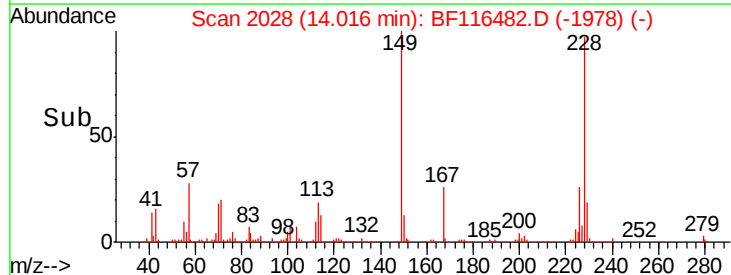
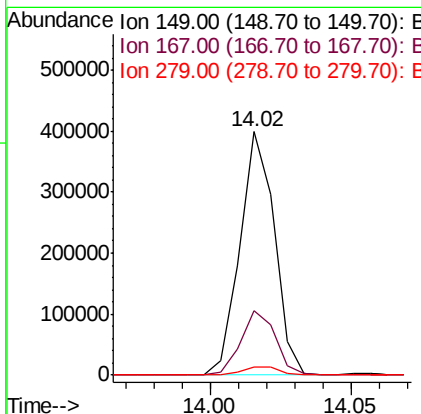
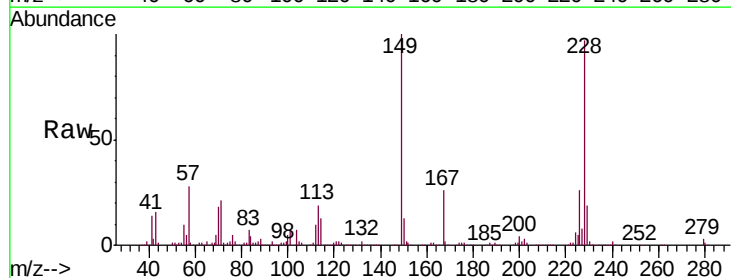
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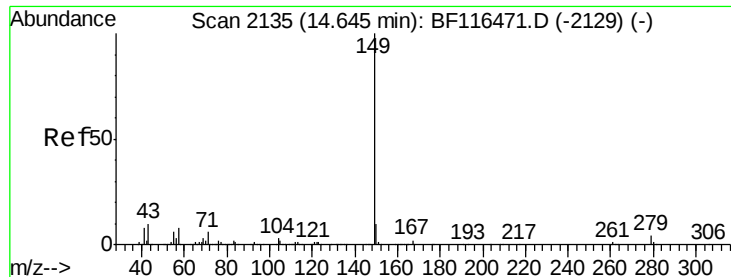
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.115 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.6
279	3.1	3.0	4.4





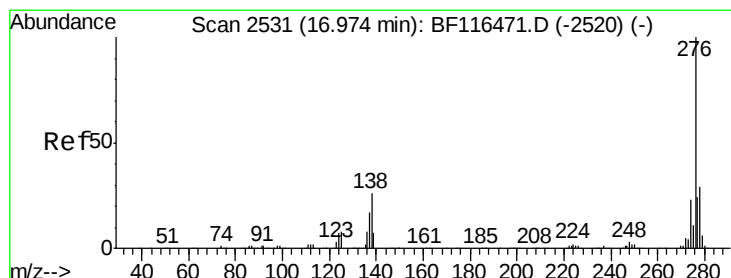
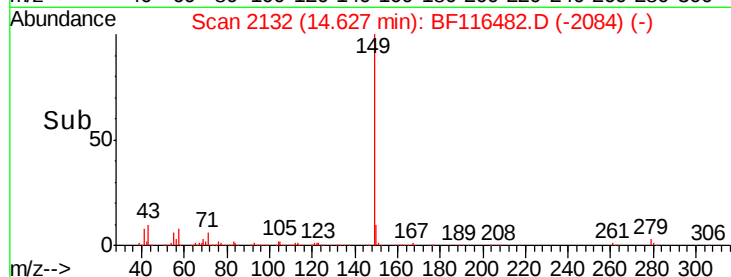
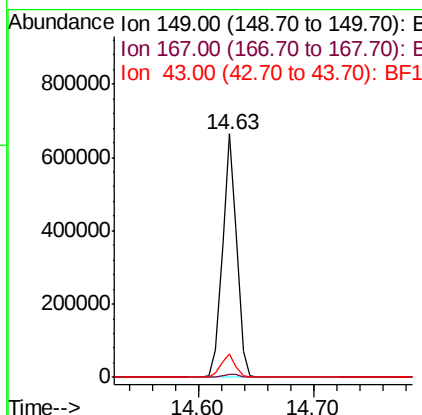
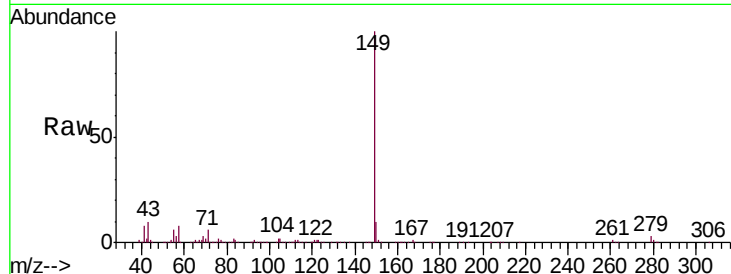
#85
Di-n-octyl phthalate
Concen: 40.377 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion:	149	Resp:	564949
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.4	7.8	11.8

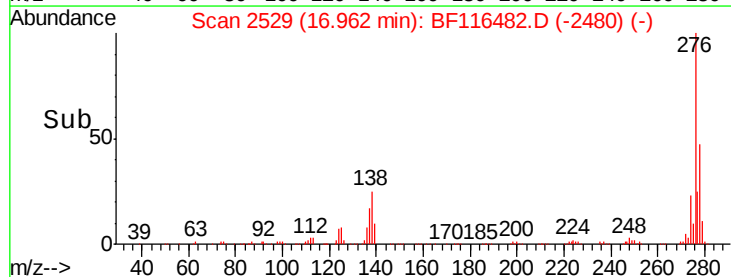
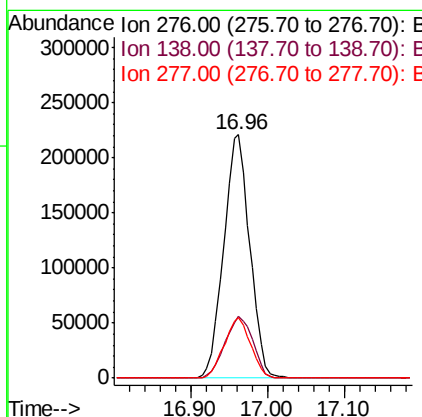
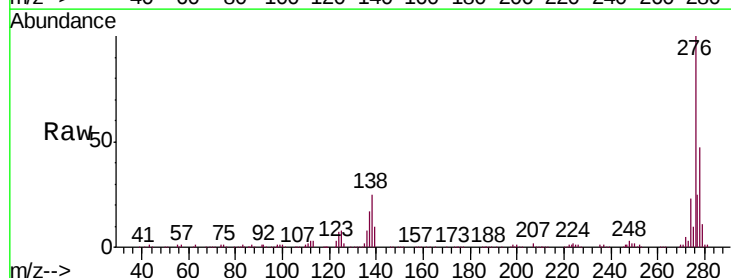
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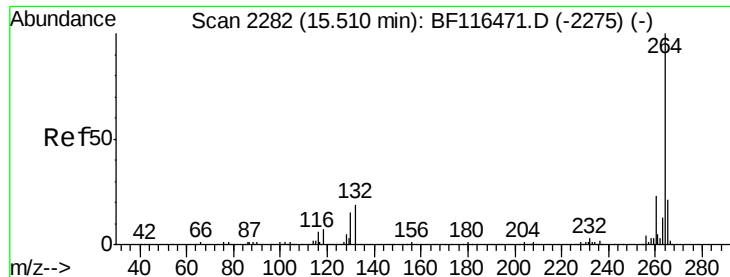
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.655 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion:	276	Resp:	519817
Ion Ratio	Lower	Upper	
276	100		
138	27.4	22.9	34.3
277	25.1	19.9	29.9





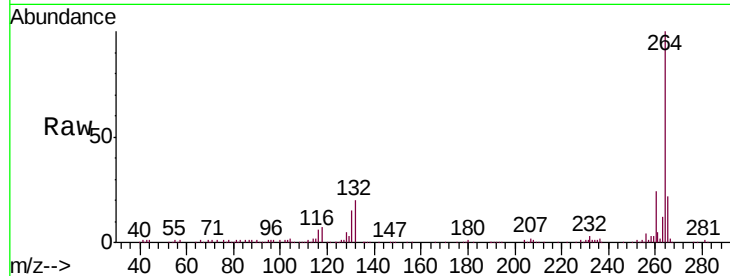
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

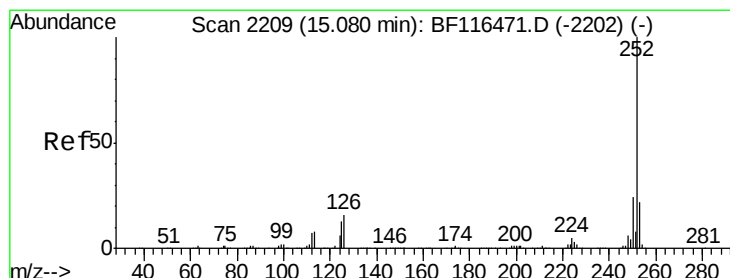
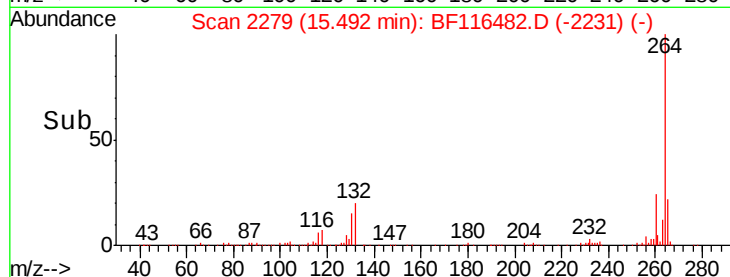
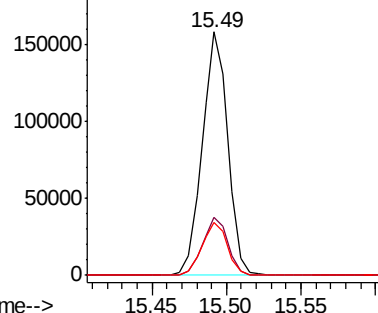
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.6	17.1	25.7

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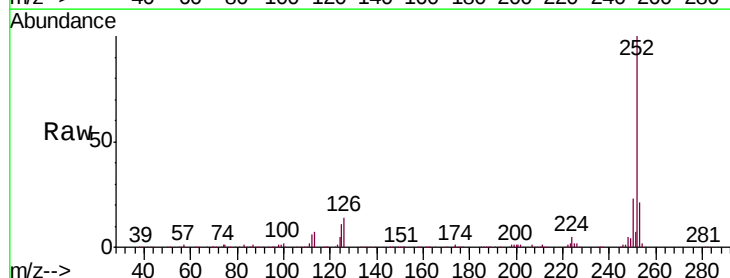


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

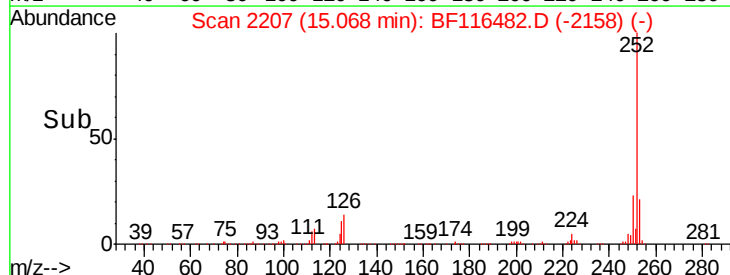
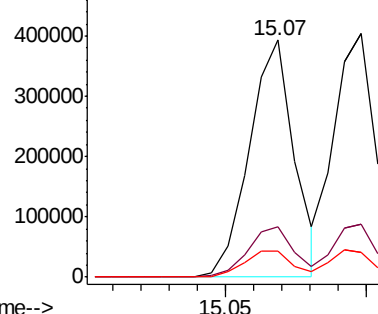


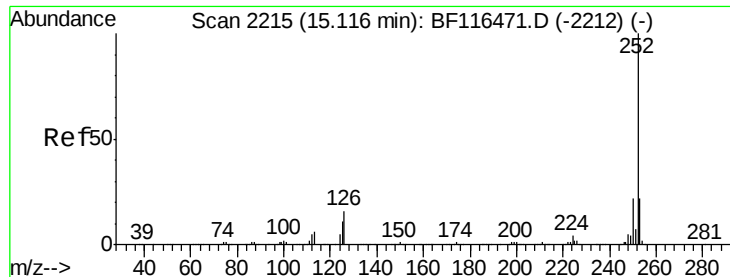
#88
Benzo(b)fluoranthene
Concen: 36.933 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.8	10.1	15.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





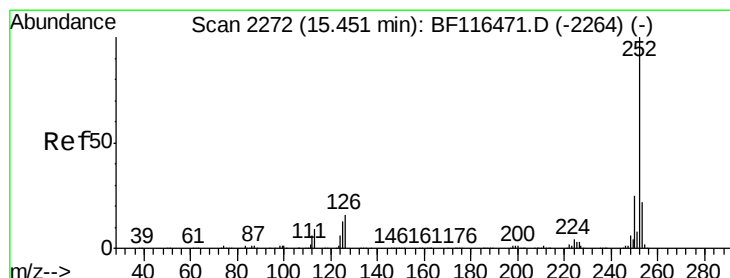
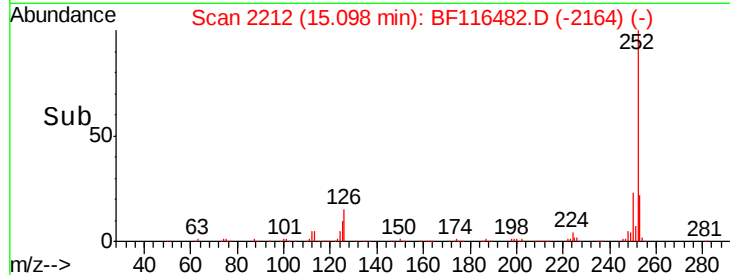
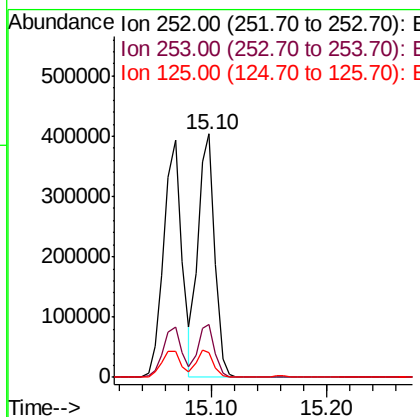
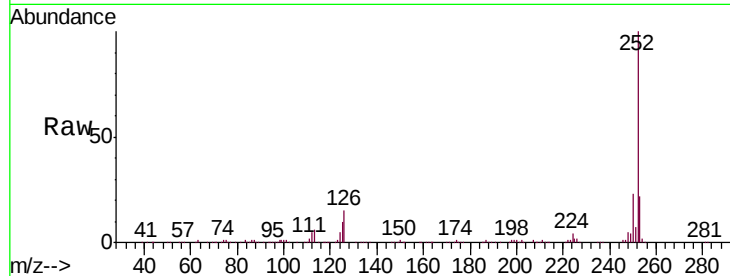
#89
Benzo(k)fluoranthene
Concen: 38.712 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.3	9.1	13.7

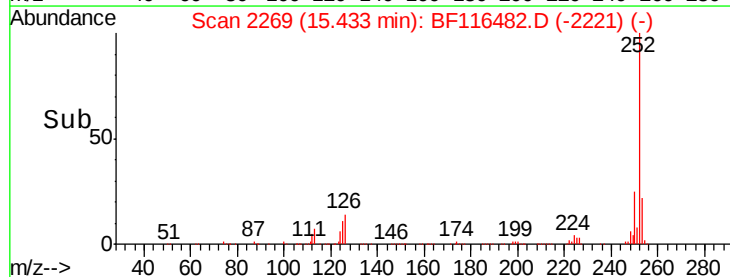
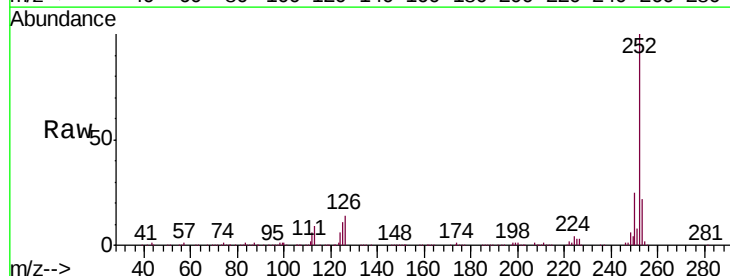
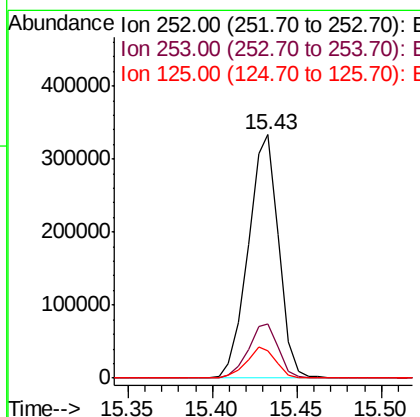
Manual Integrations
APPROVED

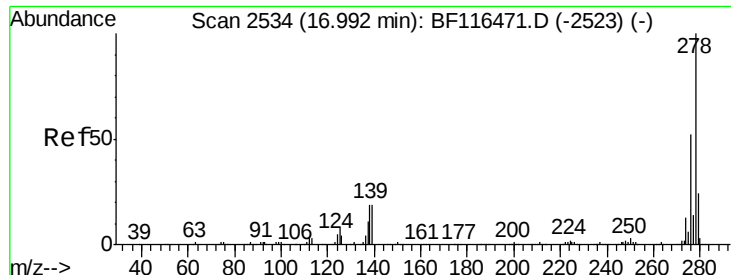
JAGRUT
8/29/2019 8:23:36 AM



#90
Benzo(a)pyrene
Concen: 40.241 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.4	10.2	15.4





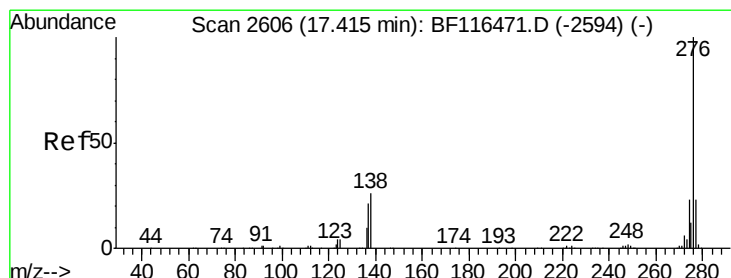
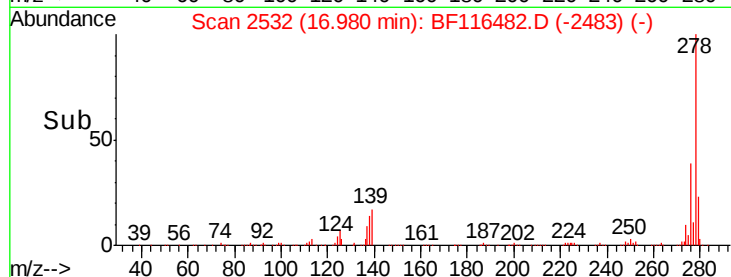
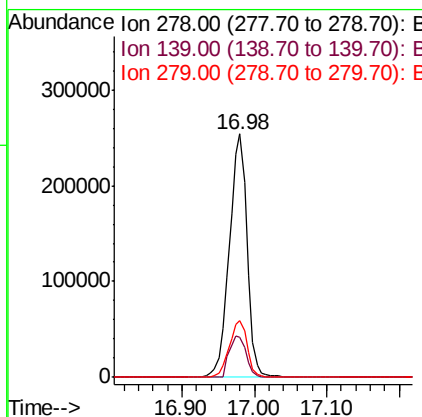
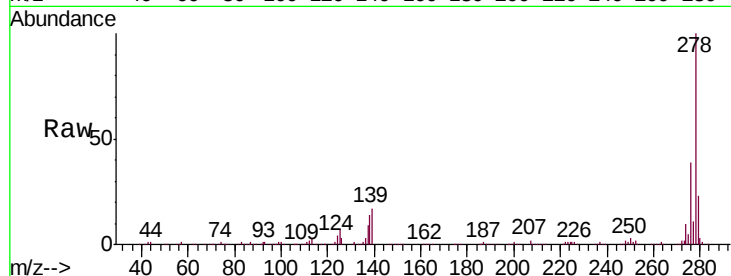
#91
Dibenzo(a,h)anthracene
Concen: 50.874 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Instrument :
BNA_F
ClientSampleId :
PB122361BS

Tot Ion:	278	Resp:	433717
Ion Ratio	Lower	Upper	
278	100		
139	16.6	15.3	22.9
279	23.1	19.0	28.6

Manual Integrations
APPROVED

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8/29/2019 8:23:36 AM



#92
Benzo(g,h,i)perylene
Concen: 54.894 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF116482.D
Acq: 23 Aug 2019 17:34

Tgt Ion:	276	Resp:	446149
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.7	28.1
138	23.8	20.8	31.2

