

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116507.D
 Acq On : 24 Aug 2019 7:48
 Operator : HP/JU
 Sample : K4461-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Manual Integrations
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Jagrut
 8/28/2019 8:09:10 AM

Quant Time: Aug 26 13:29:29 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	6.89	152	119106	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	421270	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	193062	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	291123	20.00	ng	0.00
76) Chrysene-d12	14.03	240	225434	20.00	ng	0.00
87) Perylene-d12	15.50	264	241610	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	829550	101.77	ng	0.02
7) Phenol-d6	6.52	99	1092094	109.26	ng	0.01
23) Nitrobenzene-d5	7.45	82	689796	89.58	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	168479	101.63	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1188615	99.15	ng	0.00
79) Terphenyl-d14	12.98	244	1029319	85.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	144870	41.047	ng	97
3) Pyridine	3.50	79	333159	30.997	ng	98
4) n-Nitrosodimethylamine	3.45	42	184648	47.061	ng	100
6) Aniline	6.55	93	398277	29.433	ng	99
8) 2-Chlorophenol	6.67	128	366725	42.871	ng	99
9) Benzaldehyde	6.43	77	174301	26.100	ng	99
10) Phenol	6.53	94	497199	45.809	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	381431	46.155	ng	98
12) 1,3-Dichlorobenzene	6.83	146	408859	44.159	ng	98
13) 1,4-Dichlorobenzene	6.90	146	417171	46.815	ng	99
14) 1,2-Dichlorobenzene	7.06	146	386129	45.933	ng	98
15) Benzyl Alcohol	7.02	79	337787	41.760	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	479338	41.950	ng	98
17) 2-Methylphenol	7.13	107	307917	43.445	ng	99
18) Hexachloroethane	7.40	117	129382	37.228	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	281629	41.293	ng	96
20) 3+4-Methylphenols	7.29	107	368417	42.433	ng	# 88
22) Acetophenone	7.29	105	521421	49.498	ng	# 98
24) Nitrobenzene	7.46	77	400284	50.197	ng	98
25) Isophorone	7.70	82	726453	47.874	ng	97
26) 2-Nitrophenol	7.77	139	93685	32.164	ng	97
27) 2,4-Dimethylphenol	7.82	122	311922	51.324	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	458113	48.887	ng	99
29) 2,4-Dichlorophenol	8.02	162	266082	46.037	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	335149	51.508	ng	97
31) Naphthalene	8.19	128	1036960	50.883	ng	100
32) Benzoic acid	7.88	122	81172m	20.892	ng	
33) 4-Chloroaniline	8.23	127	217845	24.350	ng	99
34) Hexachlorobutadiene	8.31	225	184387	51.961	ng	98
35) Caprolactam	8.60	113	74478	36.994	ng	89
36) 4-Chloro-3-methylphenol	8.71	107	279779	42.902	ng	96
37) 2-Methylnaphthalene	8.88	142	673335	48.121	ng	99
38) 1-Methylnaphthalene	8.97	142	630158	48.211	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	287981	55.442	ng	99

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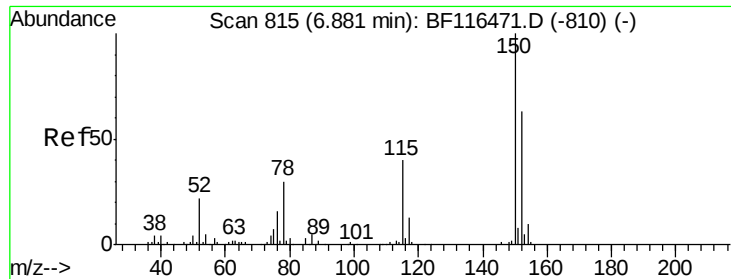
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	116663	41.745	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	167972	46.206	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	166491	45.011	ng	95
46) 1,1'-Biphenyl	9.34	154	799539	51.798	ng	99
47) 2-Chloronaphthalene	9.36	162	603993	50.474	ng	98
48) 2-Nitroaniline	9.45	65	174836	47.718	ng	96
49) Acenaphthylene	9.78	152	904123	51.641	ng	99
50) Dimethylphthalate	9.64	163	827910	61.463	ng	100
51) 2,6-Dinitrotoluene	9.69	165	123279	44.713	ng	95
52) Acenaphthene	9.95	154	550144	48.970	ng	99
53) 3-Nitroaniline	9.86	138	161700	49.201	ng	90
54) 2,4-Dinitrophenol	9.96	184	5326	12.835	ng	# 1
55) Dibenzofuran	10.12	168	784864	50.119	ng	98
56) 4-Nitrophenol	10.01	139	138415	54.186	ng	100
57) 2,4-Dinitrotoluene	10.09	165	143339	40.857	ng	96
58) Fluorene	10.46	166	584350	48.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	119787	39.440	ng	96
60) Diethylphthalate	10.33	149	692925	52.339	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	292422	49.266	ng	98
62) 4-Nitroaniline	10.47	138	152317	47.388	ng	95
63) Azobenzene	10.62	77	657869	48.328	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	5782	11.142	ng	95
66) n-Nitrosodiphenylamine	10.57	169	540594	57.348	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	169761	55.621	ng	95
68) Hexachlorobenzene	11.02	284	177691	52.638	ng	94
69) Atrazine	11.10	200	139953	49.552	ng	99
70) Pentachlorophenol	11.20	266	110849	56.282	ng	98
71) Phenanthrene	11.42	178	842965	53.153	ng	99
72) Anthracene	11.47	178	853751	53.573	ng	99
73) Carbazole	11.63	167	740483	51.765	ng	99
74) Di-n-butylphthalate	11.96	149	985436	55.593	ng	100
75) Fluoranthene	12.61	202	849034	51.782	ng	97
77) Benzidine	12.72	184	282484	31.145	ng	98
78) Pyrene	12.84	202	861851	47.806	ng	100
80) Butylbenzylphthalate	13.46	149	386288	49.614	ng	97
81) Benzo(a)anthracene	14.03	228	761055	52.125	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	235811	45.321	ng	99
83) Chrysene	14.06	228	769951	52.028	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	539170	51.933	ng	100
85) Di-n-octyl phthalate	14.63	149	961968	54.578	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	682134	53.810	ng	98
88) Benzo(b)fluoranthene	15.07	252	761979	51.052	ng	99
89) Benzo(k)fluoranthene	15.10	252	741511	54.838	ng	100
90) Benzo(a)pyrene	15.44	252	709611	53.794	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	576028	53.142	ng	96
92) Benzo(g,h,i)perylene	17.42	276	539641	52.221	ng	96

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



#1

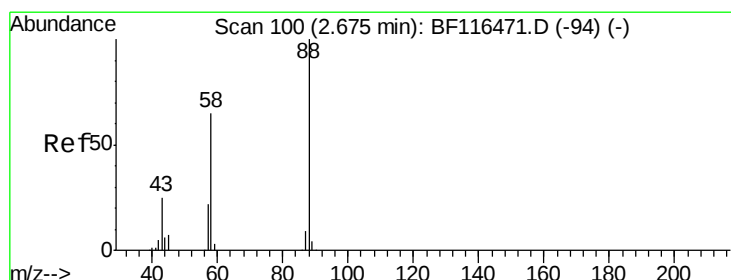
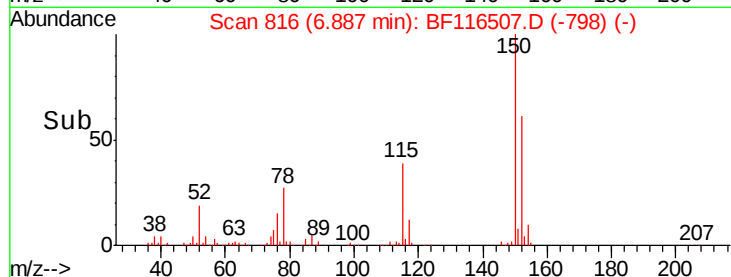
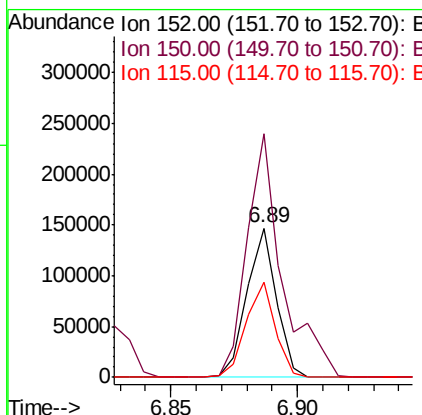
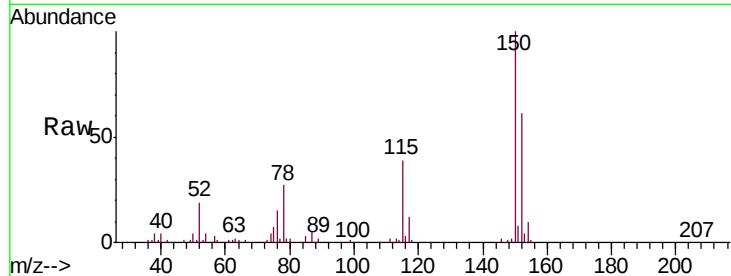
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	126.7	190.1
115	64.3	50.9	76.3

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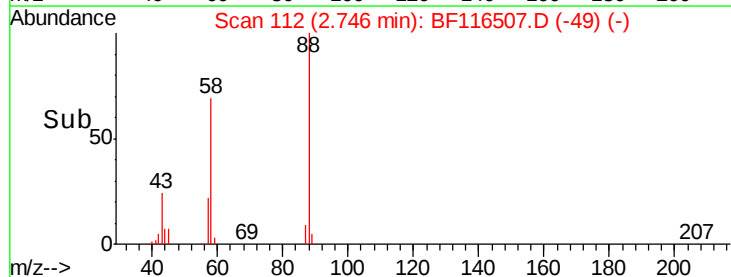
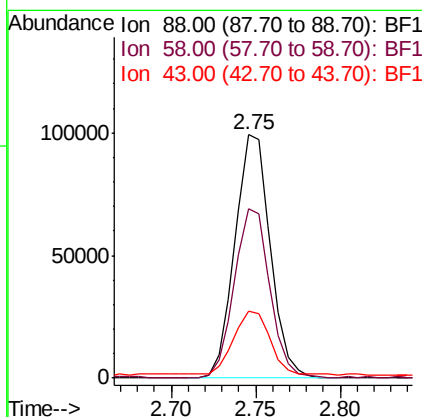
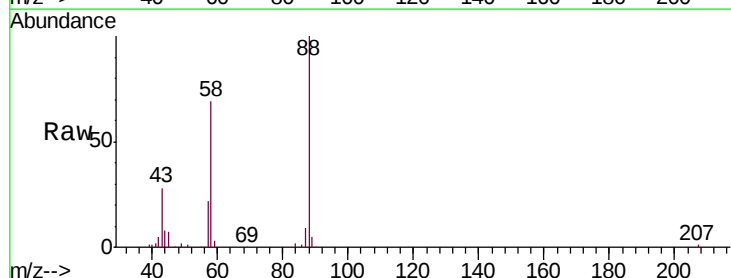
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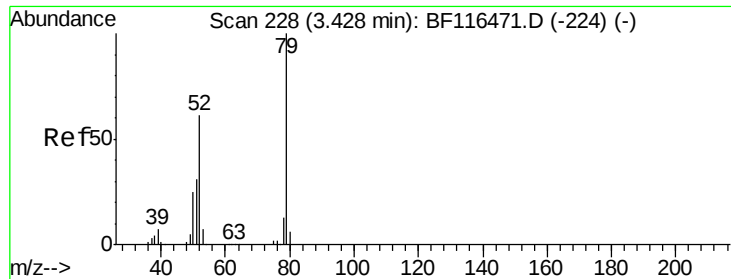


#2

1,4-Dioxane
Concen: 41.047 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.07 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	53.4	80.0
43	27.8	21.2	31.8





#3

Pvridine

Concen: 30.997 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.07 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

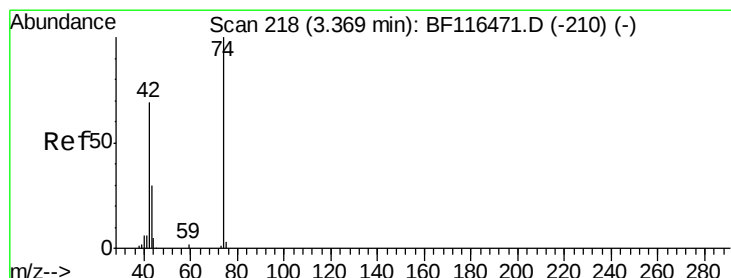
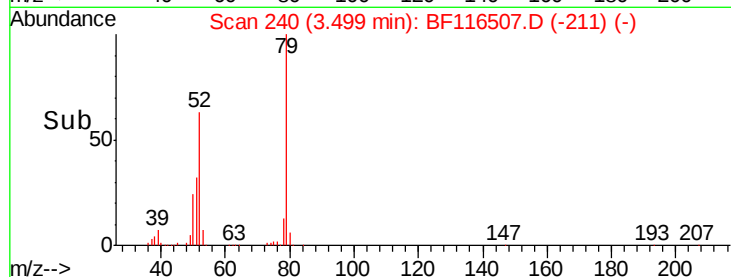
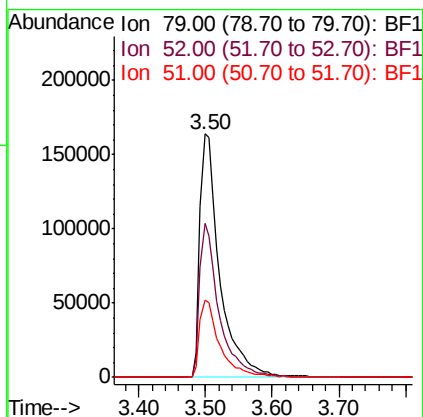
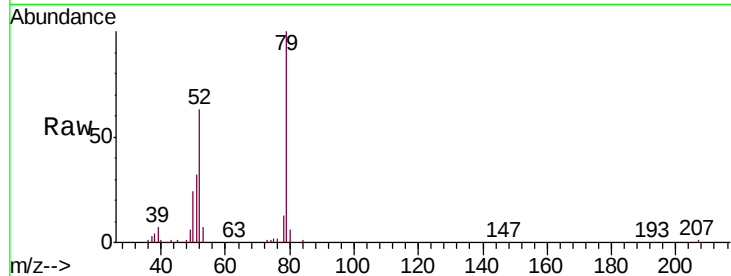
ClientSampleId :

SB-02-COMPMS

Tot Ion:	79	Resp:	333159
Ion	Ratio	Lower	Upper
79	100		
52	63.5	48.8	73.2
51	31.8	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 47.061 ng

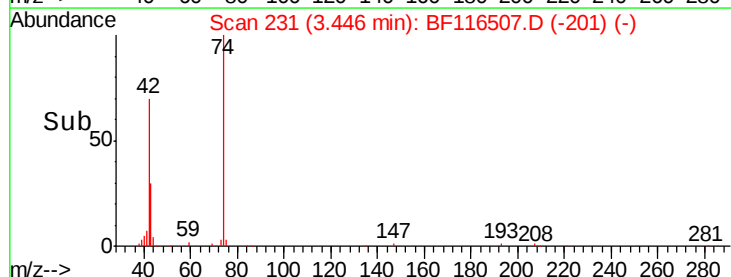
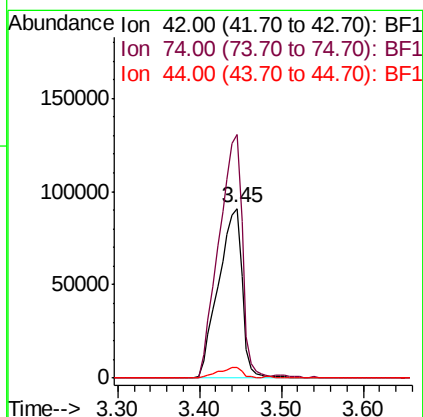
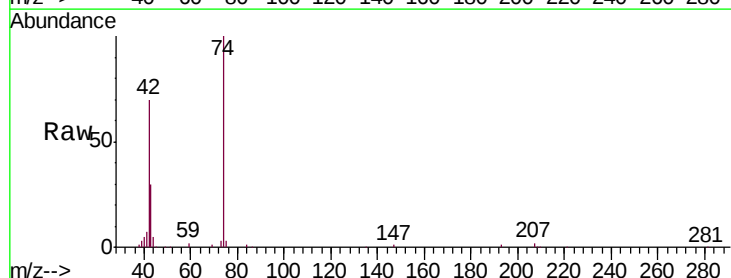
RT: 3.45 min Scan# 231

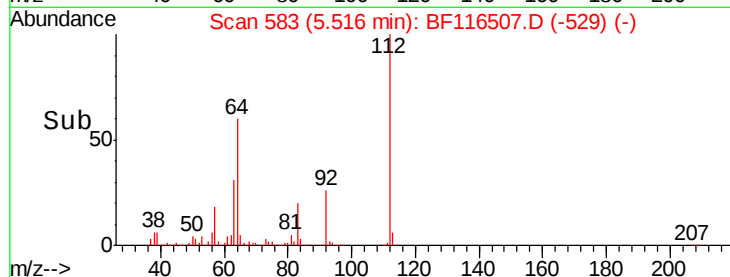
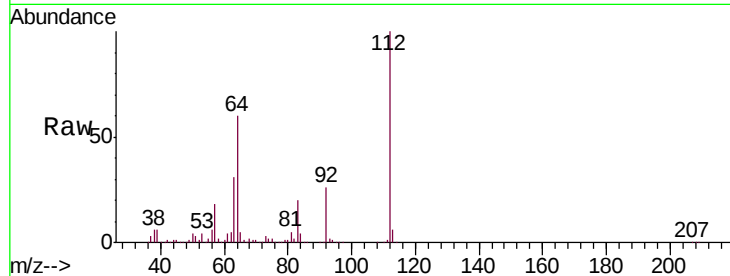
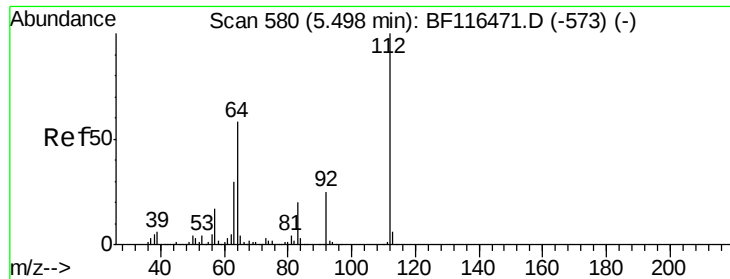
Delta R.T. 0.08 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:	42	Resp:	184648
Ion	Ratio	Lower	Upper
42	100		
74	143.7	115.3	172.9
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 101.766 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		829550		
64	59.8	46.3	69.5		
63	31.3	24.2	36.4		

Instrument :

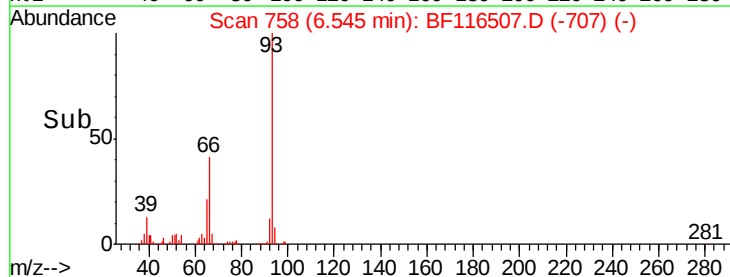
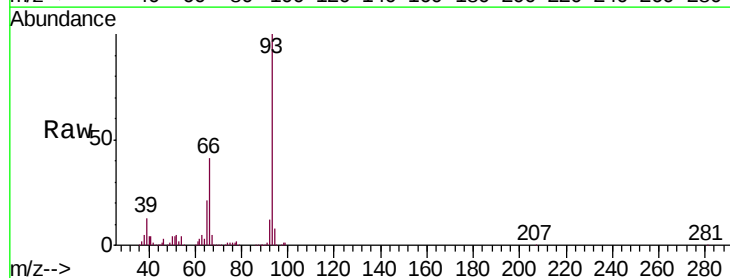
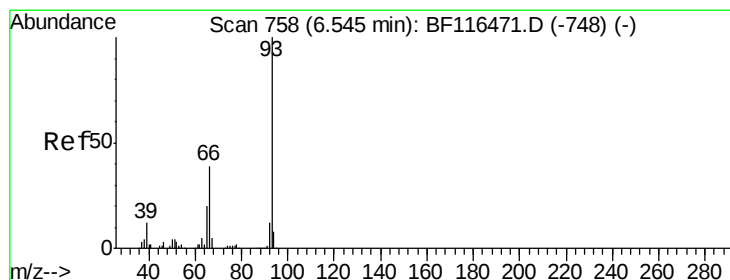
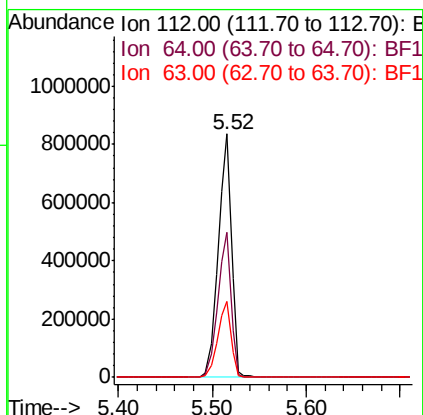
BNA_F

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#6

Aniline

Concen: 29.433 ng

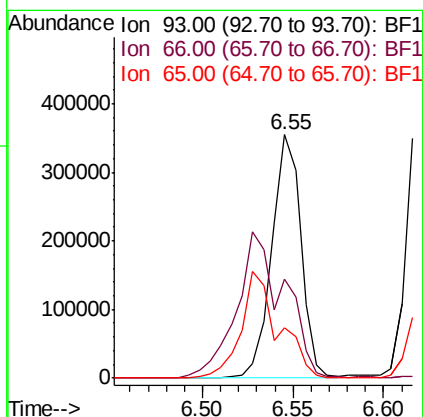
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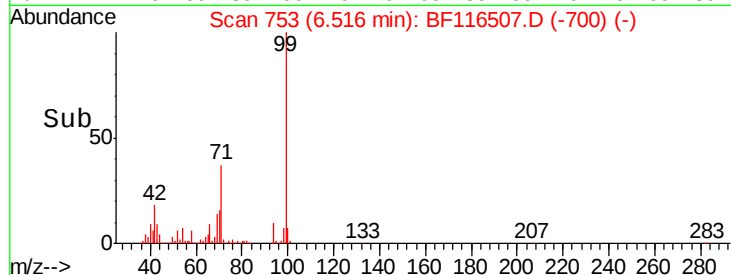
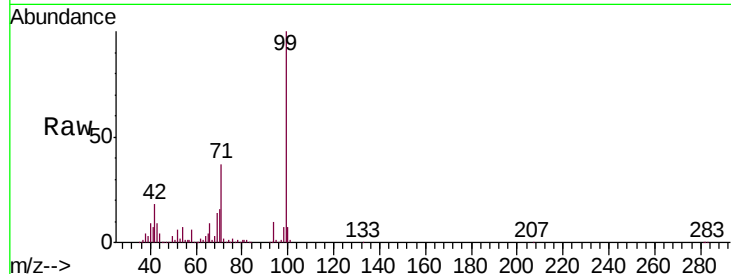
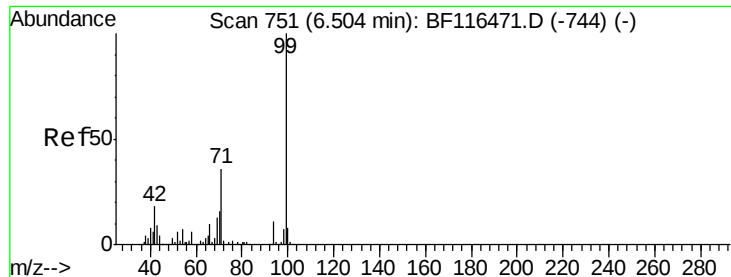
Delta R.T. -0.00 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		398277		
66	40.6	32.2	48.2		
65	20.6	16.3	24.5		





#7

Phenol-d6

Concen: 109.264 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tot Ion:	99	Resp:	1092094
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	36.6	28.5	42.7

Instrument :

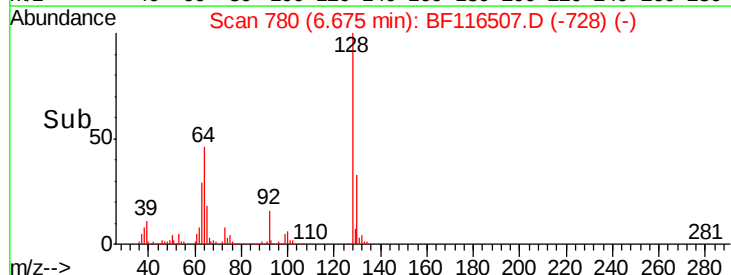
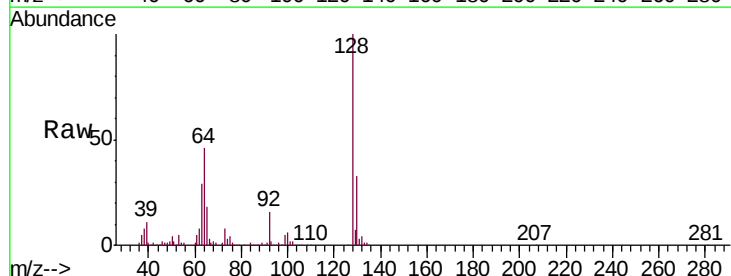
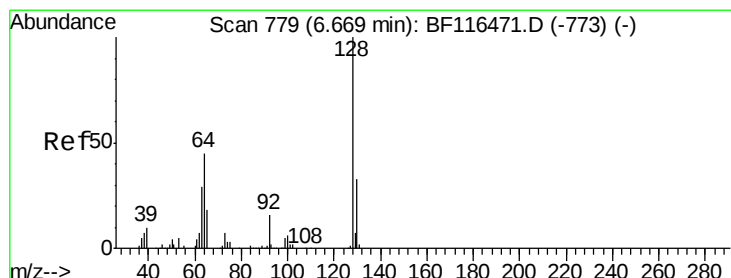
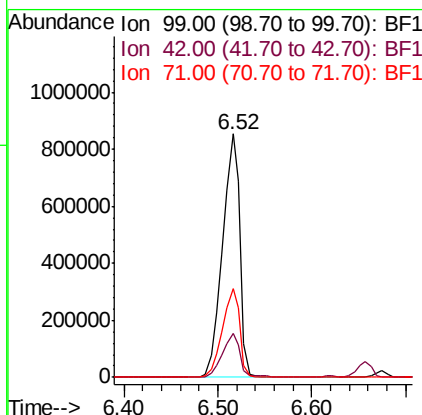
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 42.871 ng

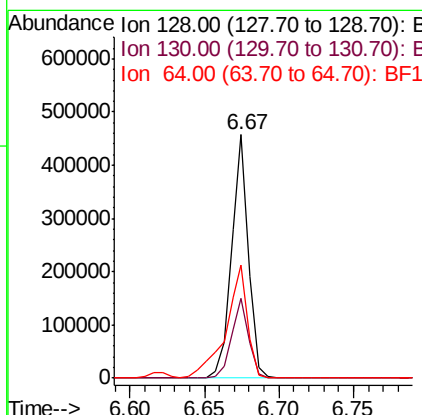
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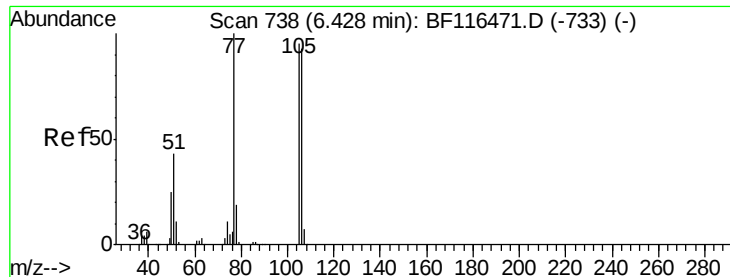
Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:	128	Resp:	366725
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.4	53.4
64	46.4	26.3	66.3





#9

Benzaldehyde

Concen: 26.100 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

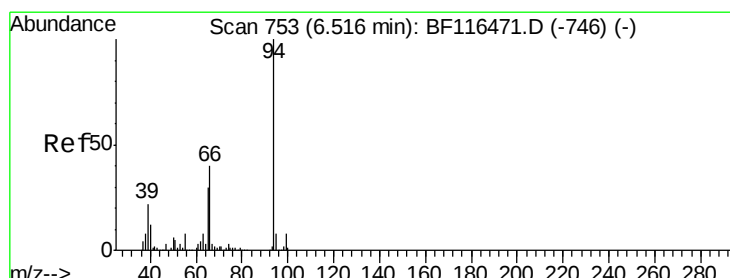
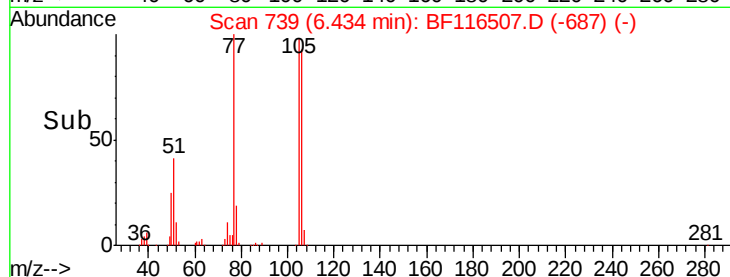
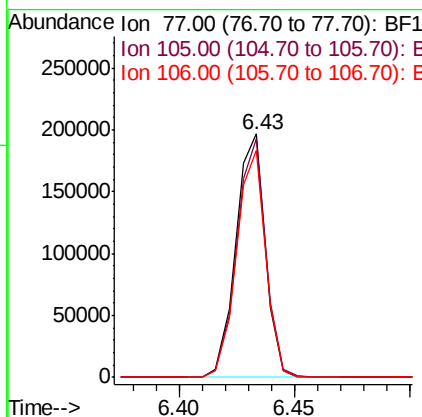
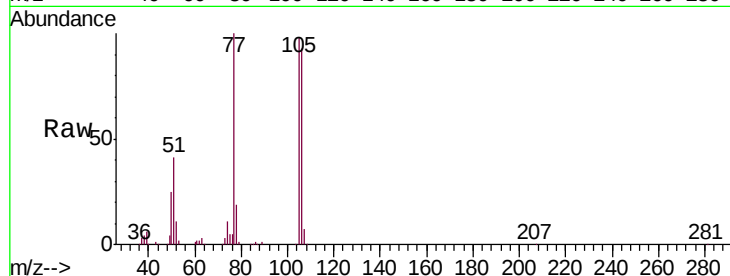
ClientSampled :

SB-02-COMPMS

Tot Ion:	77	Resp:	174301
Ion Ratio	Lower	Upper	
77	100		
105	98.1	75.5	115.5
106	93.1	73.2	113.2

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#10

Phenol

Concen: 45.809 ng

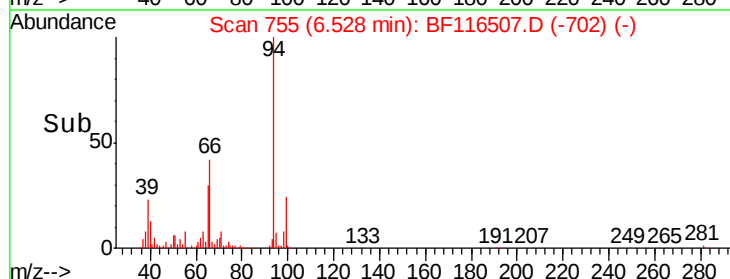
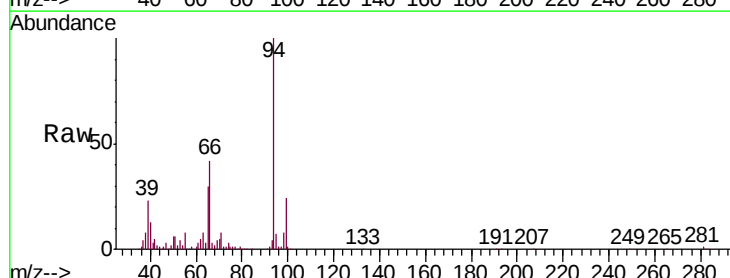
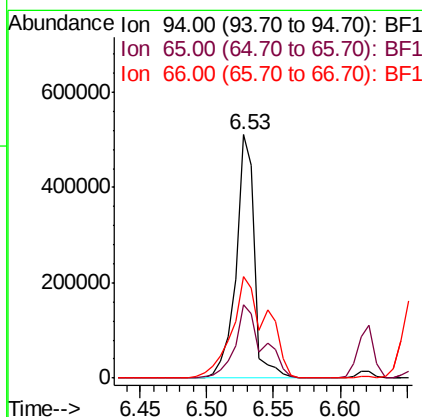
RT: 6.53 min Scan# 755

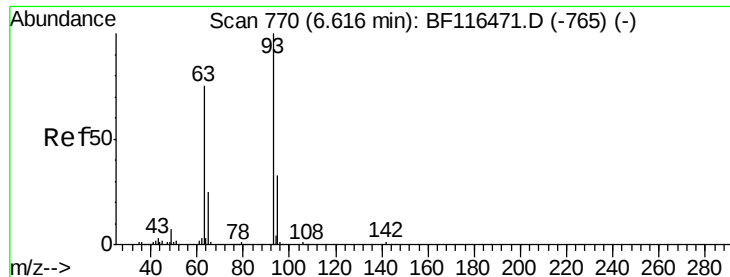
Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:	94	Resp:	497199
Ion Ratio	Lower	Upper	
94	100		
65	30.3	10.0	50.0
66	41.7	19.8	59.8





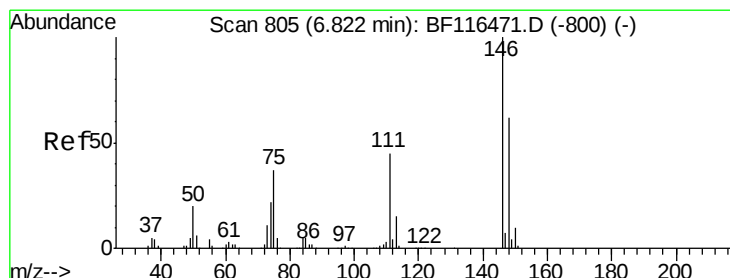
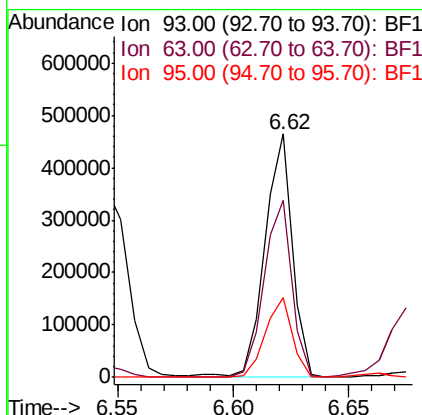
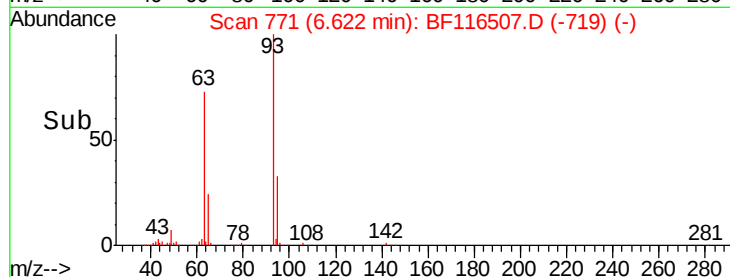
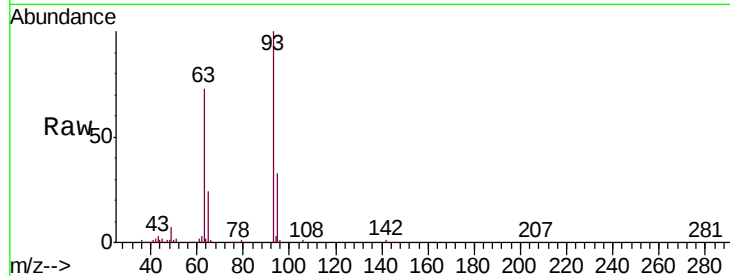
#11
bis(2-Chloroethyl)ether
Concen: 46.155 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	54.3	94.3
95	32.6	13.3	53.3

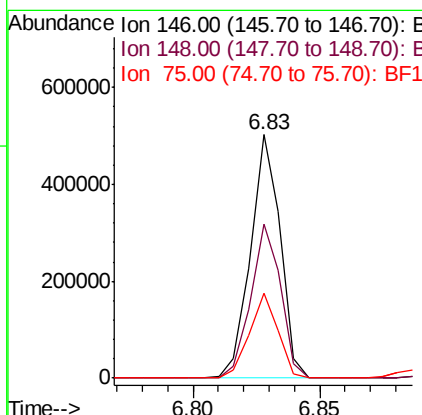
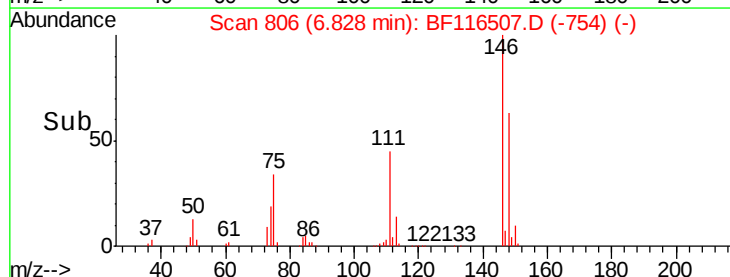
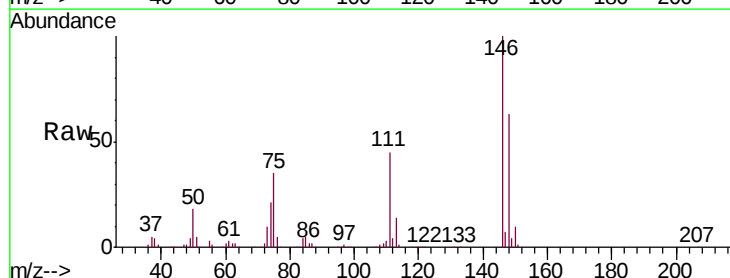
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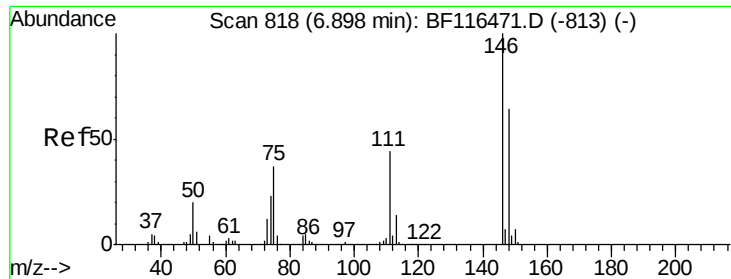
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#12
1,3-Dichlorobenzene
Concen: 44.159 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.8	74.8
75	34.8	29.3	43.9





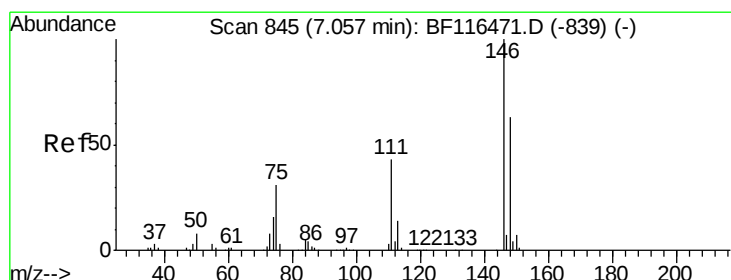
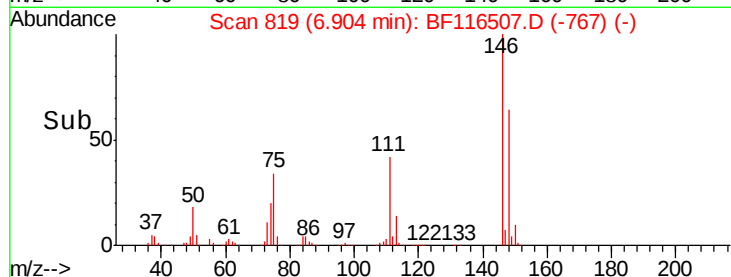
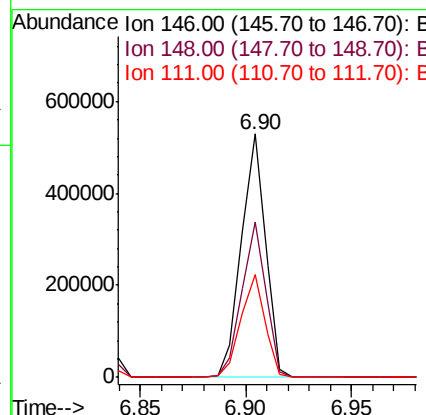
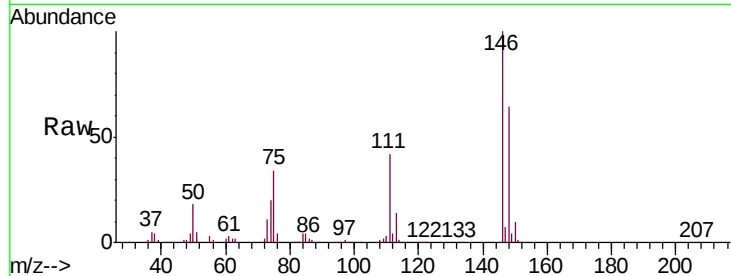
#13
1,4-Dichlorobenzene
Concen: 46.815 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampled :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
111	42.4	35.4	53.2

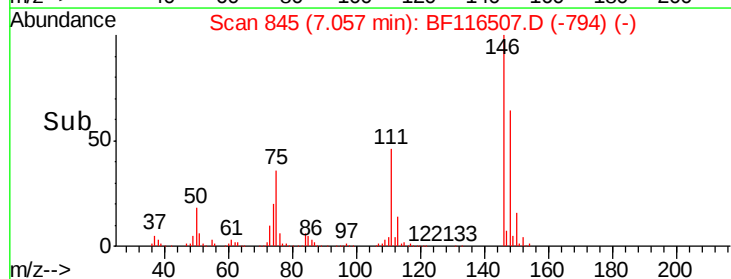
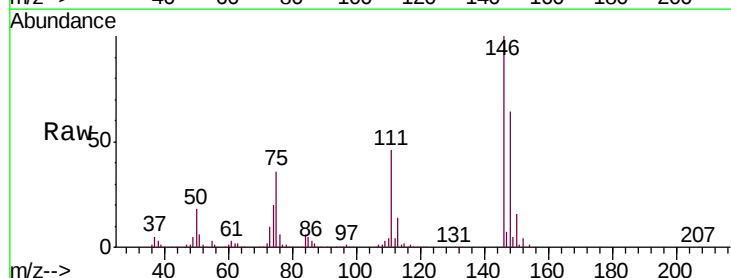
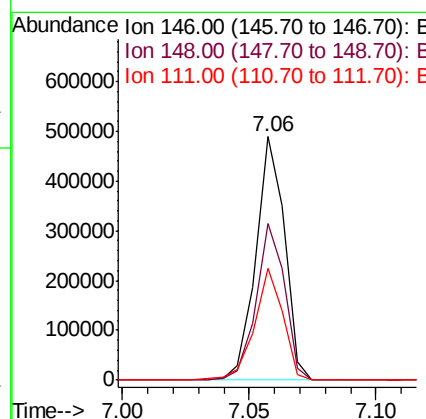
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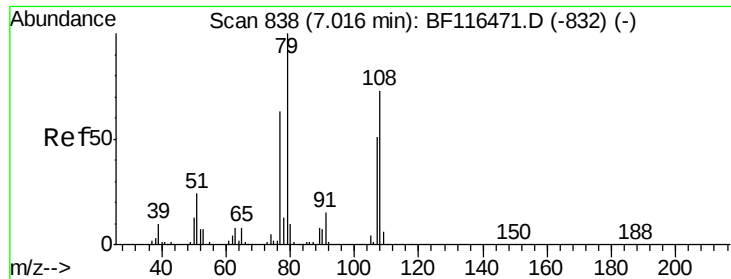
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#14
1,2-Dichlorobenzene
Concen: 45.933 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	45.9	34.5	51.7





#15

Benzyl Alcohol

Concen: 41.760 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

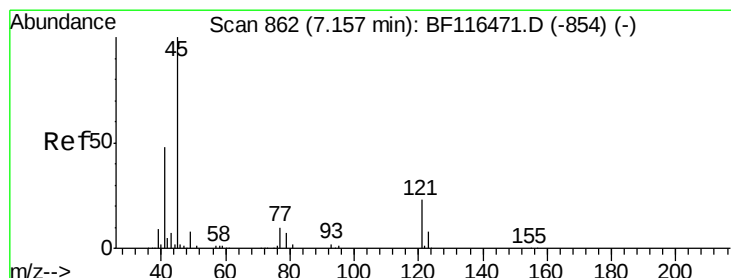
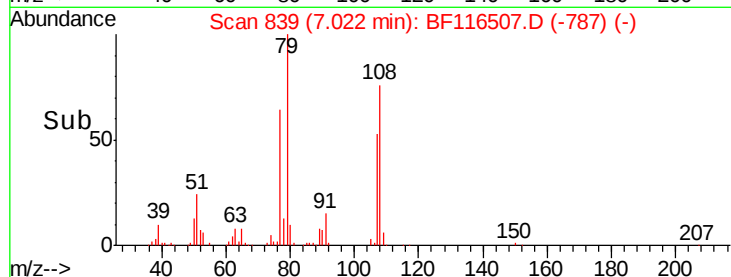
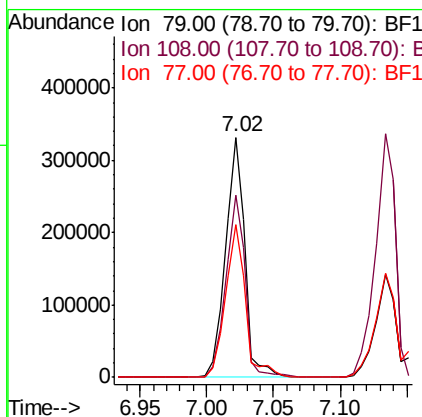
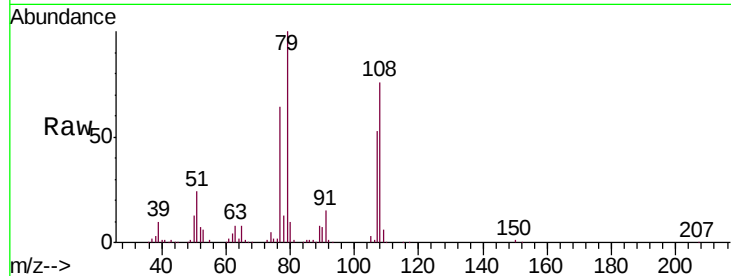
ClientSampleId :

SB-02-COMPMS

Tot Ion:	79	Resp:	337787
Ion Ratio	Lower	Upper	
79	100		
108	75.8	58.1	87.1
77	63.6	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.950 ng

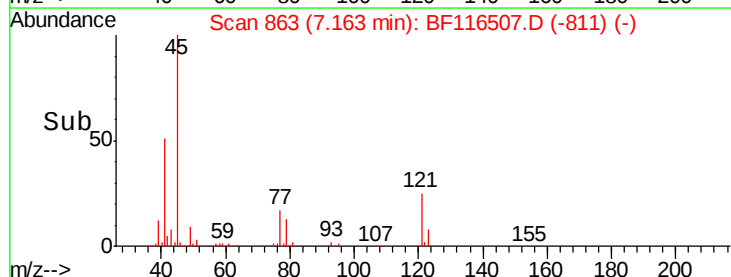
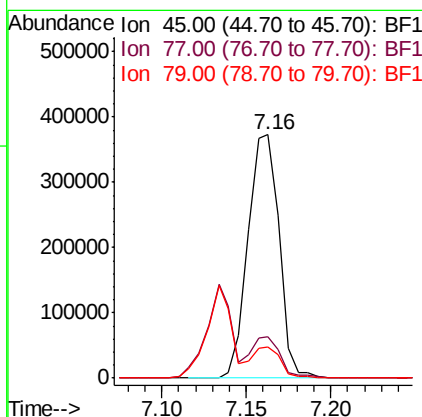
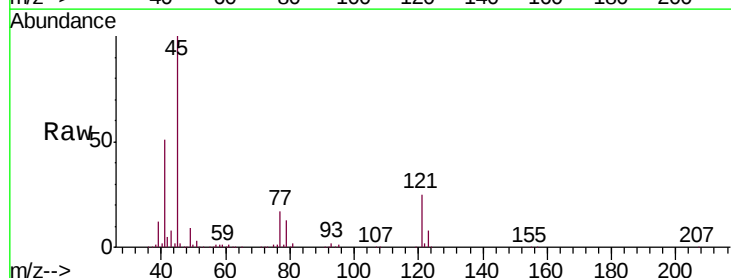
RT: 7.16 min Scan# 863

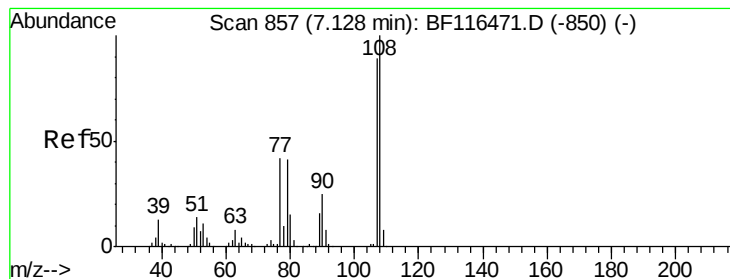
Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:	45	Resp:	479338
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	36.1
79	12.9	0.0	32.3





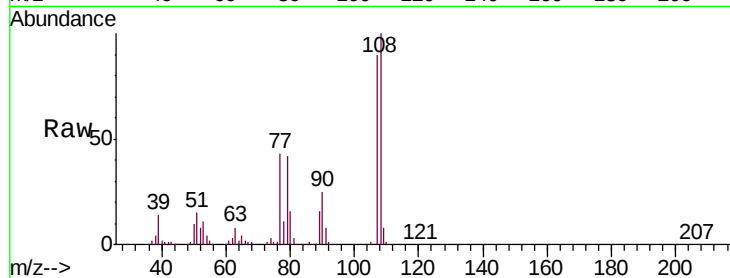
#17
2-Methylphenol
Concen: 43.445 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	90.0	135.0	
77	47.6	37.6	56.4	
79	46.5	36.8	55.2	

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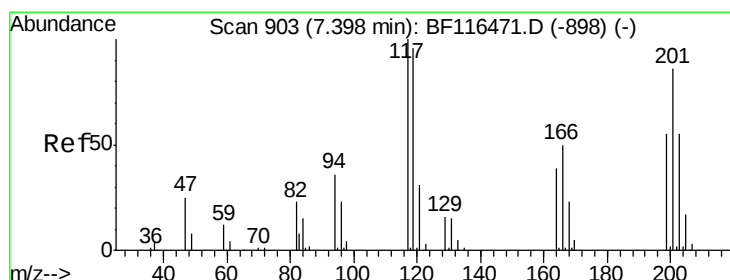
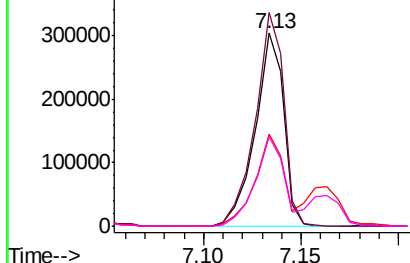
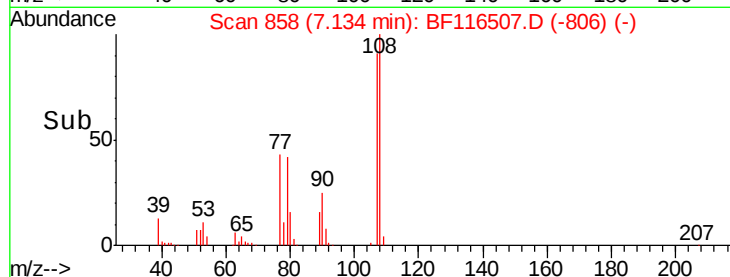
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

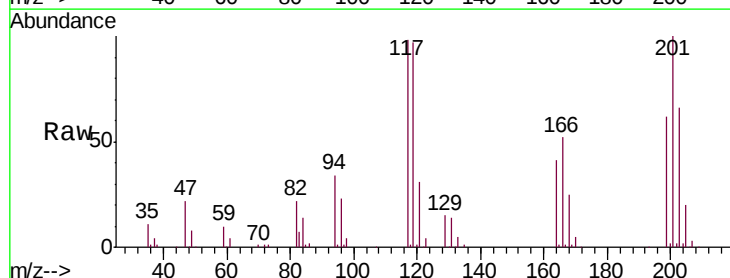
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.228 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	77.0	115.6	
201	102.1	69.1	103.7	

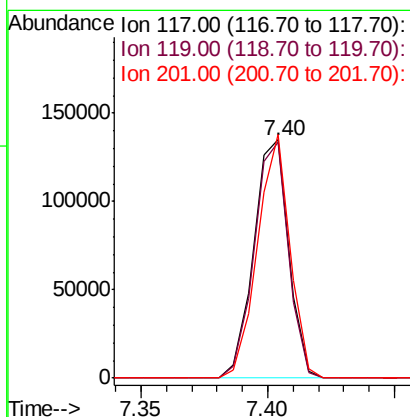
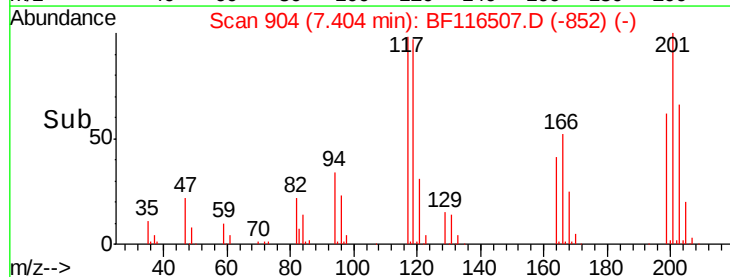


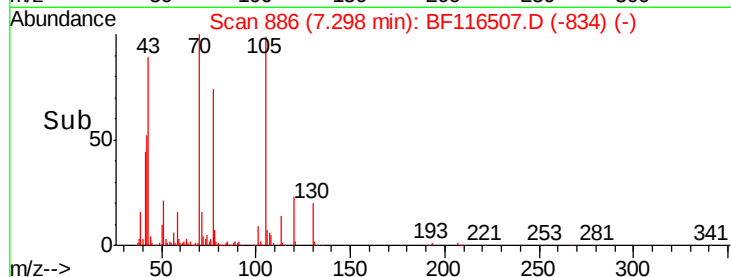
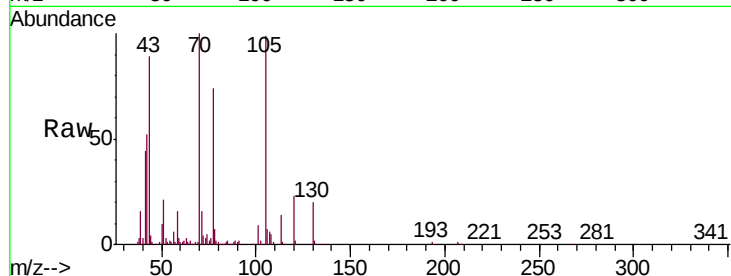
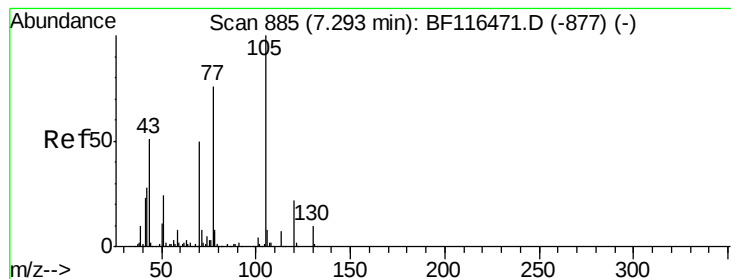
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.293 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMS

Tot Ion: 70 Resp: 281629

Ion Ratio Lower Upper

70 100

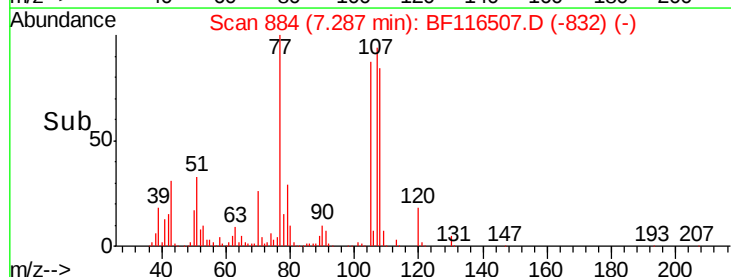
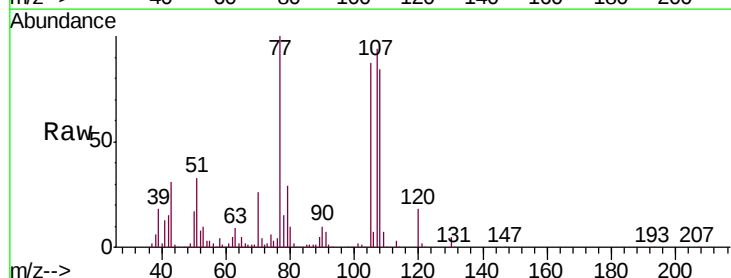
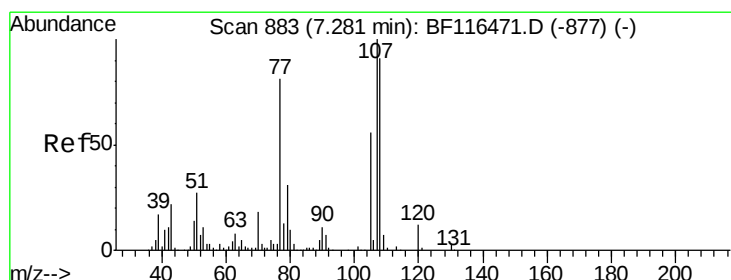
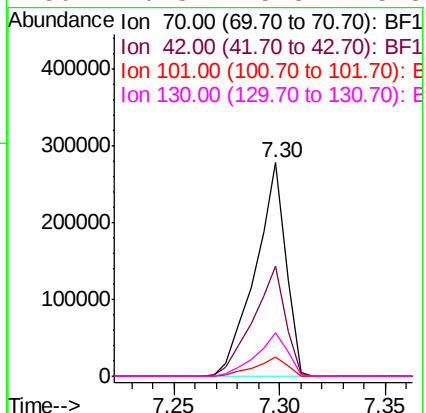
42 51.7 44.4 66.6

101 9.2 7.1 10.7

130 20.3 15.8 23.8

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#20

3+4-Methylphenols

Concen: 42.433 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:107 Resp: 368417

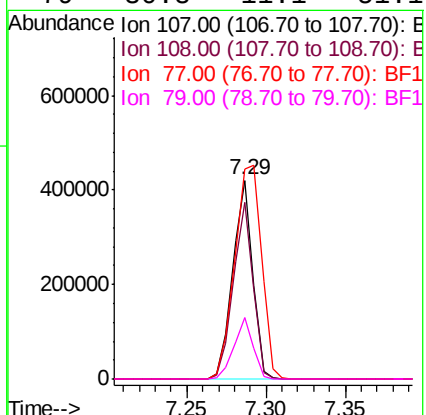
Ion Ratio Lower Upper

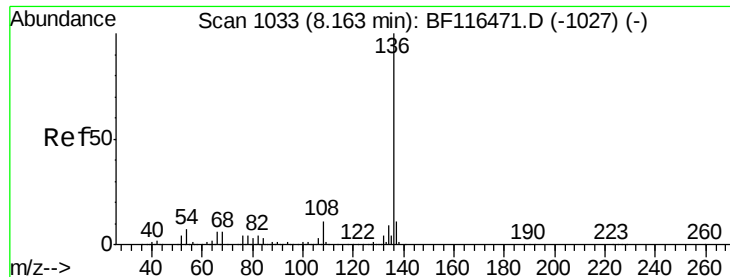
107 100

108 88.9 70.7 110.7

77 105.8 60.6 100.6

79 30.8 11.1 51.1





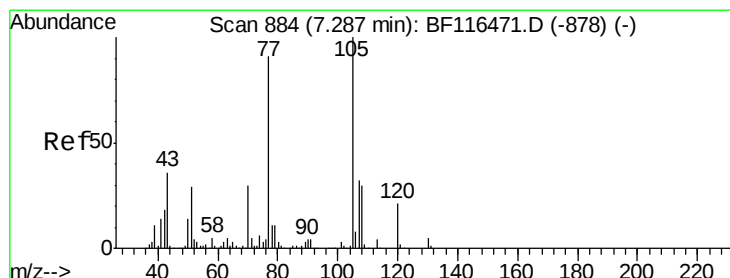
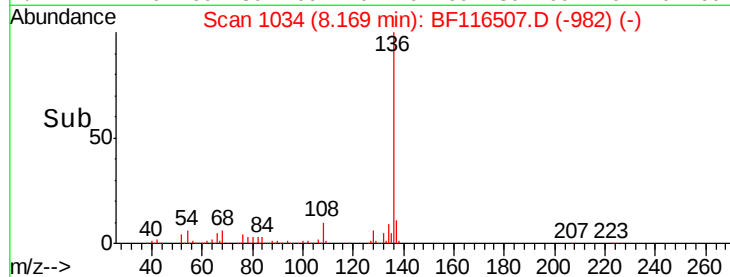
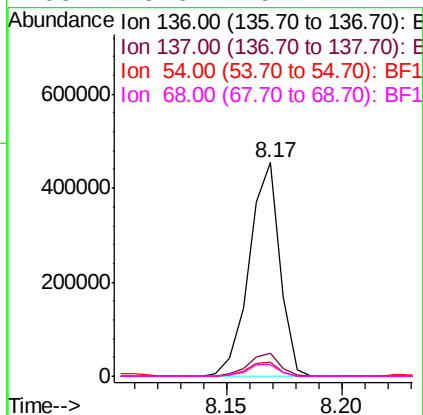
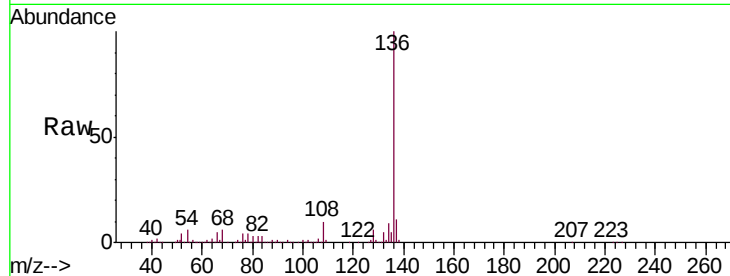
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		421270		
137	11.1		9.0	13.4	
54	6.5		5.8	8.6	
68	5.6		5.1	7.7	

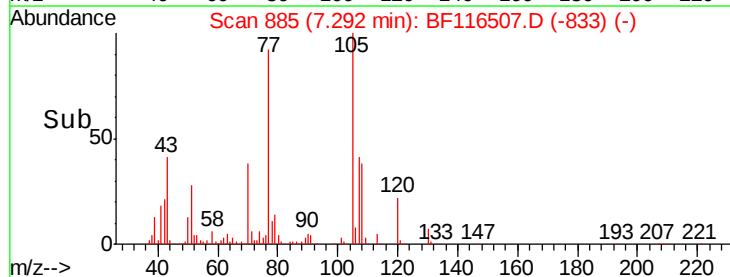
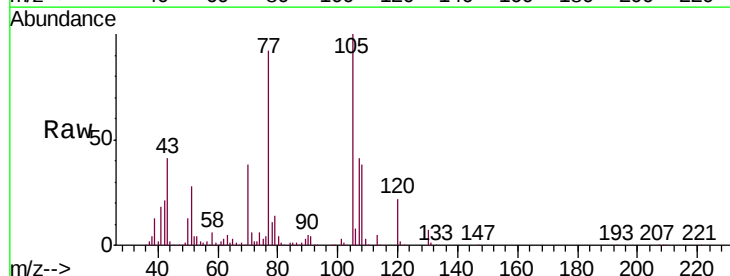
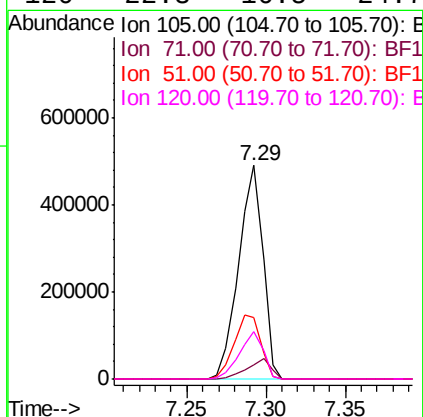
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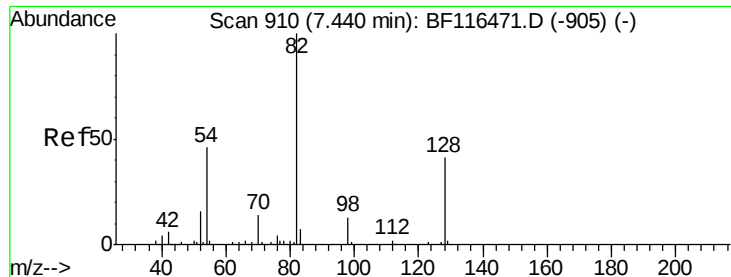
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#22
Acetophenone
Concen: 49.498 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		521421		
71	6.4		4.2	6.2#	
51	28.5		23.0	34.4	
120	22.3		16.5	24.7	





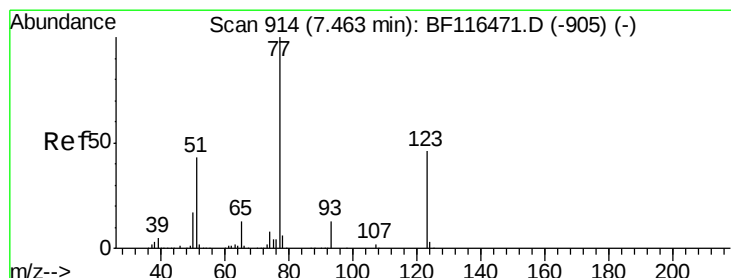
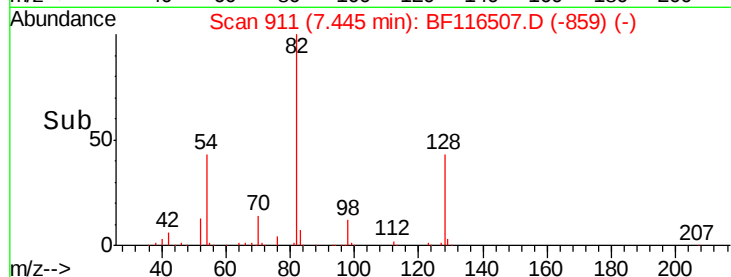
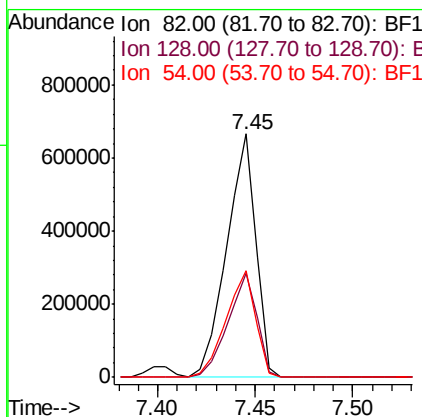
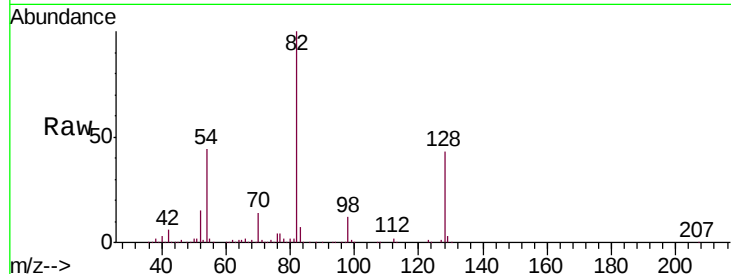
#23
 Nitrobenzene-d5
 Concen: 89.583 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	689796		
128	42.5		32.2	48.4
54	44.1		36.5	54.7

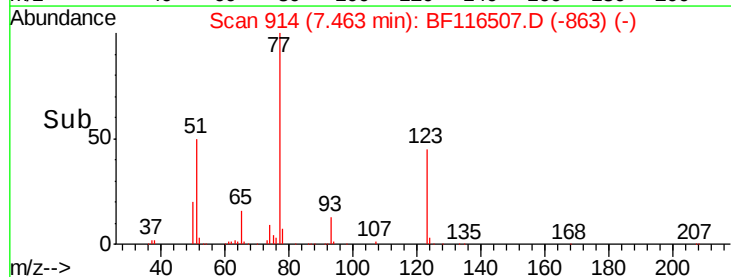
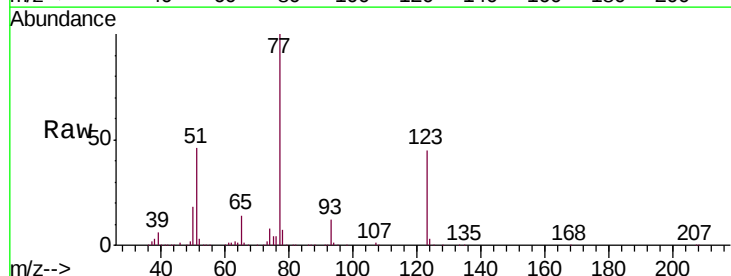
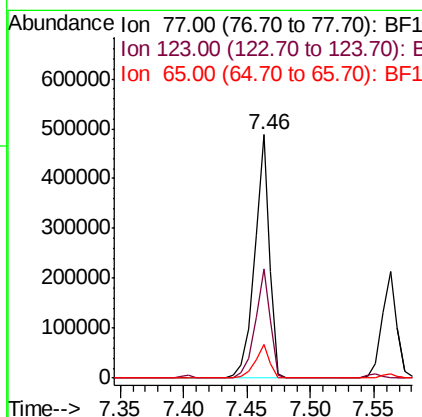
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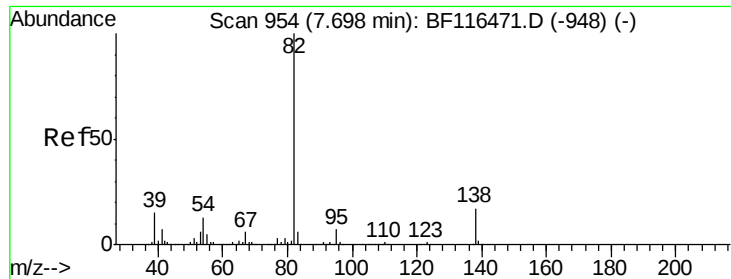
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#24
 Nitrobenzene
 Concen: 50.197 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	400284		
123	44.8		37.0	55.4
65	14.0		10.5	15.7





#25

Isophorone

Concen: 47.874 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

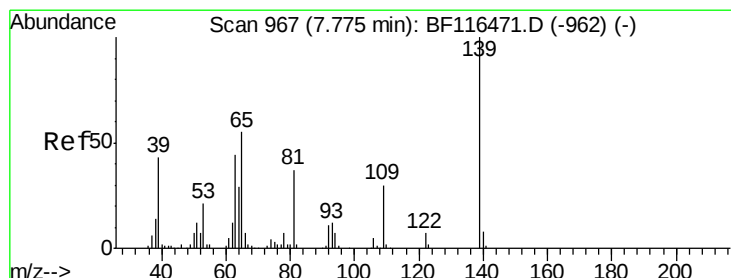
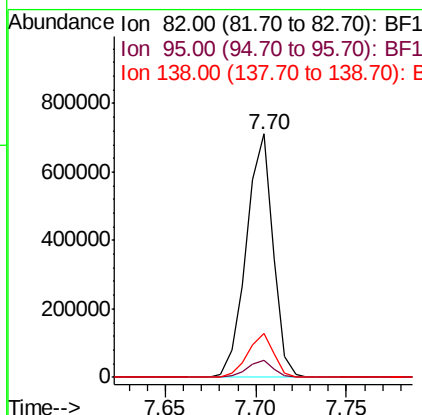
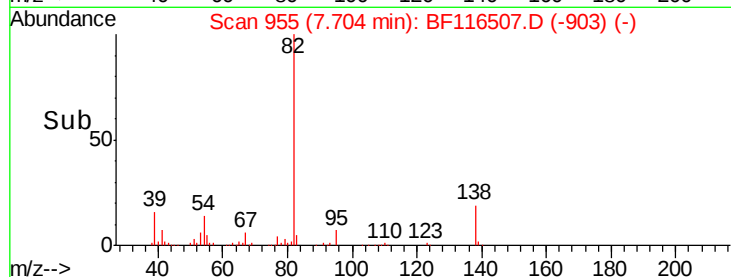
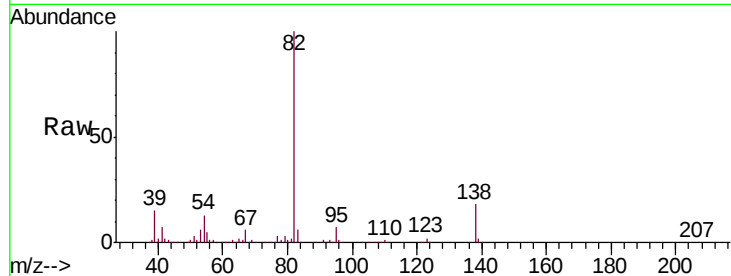
ClientSampleId :

SB-02-COMPMS

Tot Ion:	82	Resp:	726453
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	18.0	13.3	19.9

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#26

2-Nitrophenol

Concen: 32.164 ng

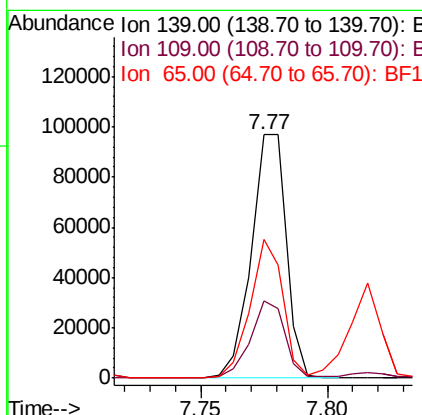
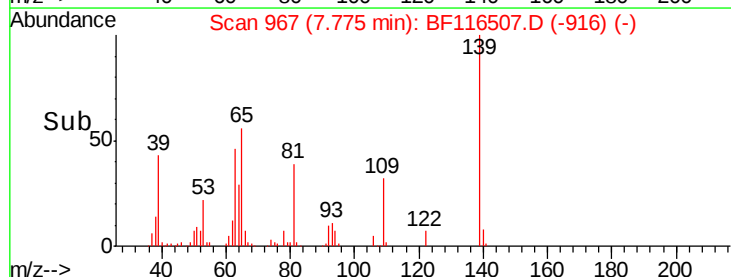
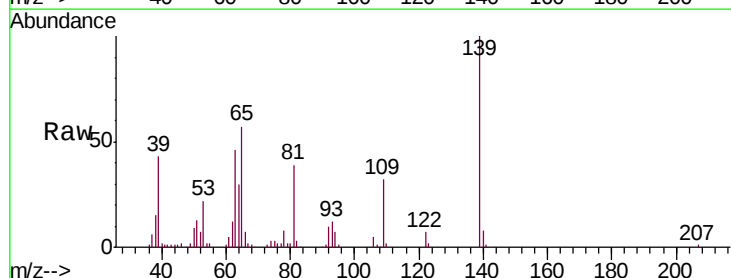
RT: 7.77 min Scan# 967

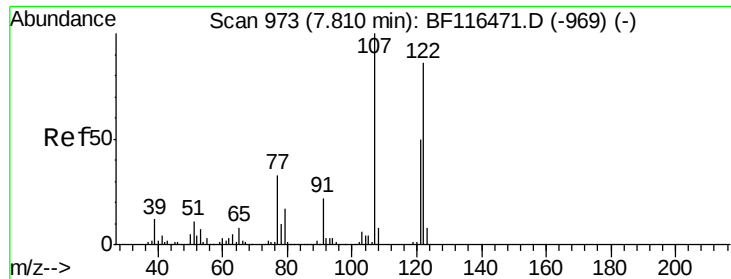
Delta R.T. -0.00 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:	139	Resp:	93685
Ion Ratio	Lower	Upper	
139	100		
109	31.7	24.3	36.5
65	57.0	44.0	66.0





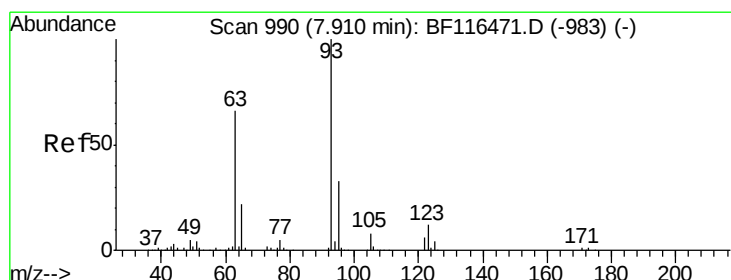
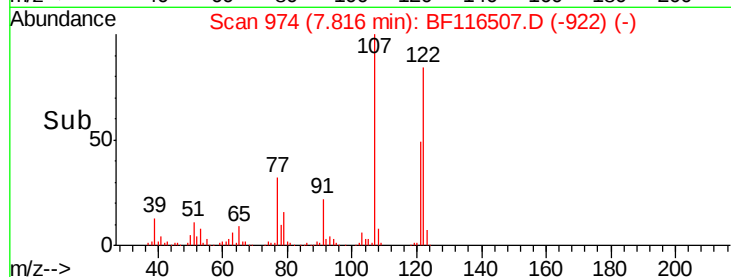
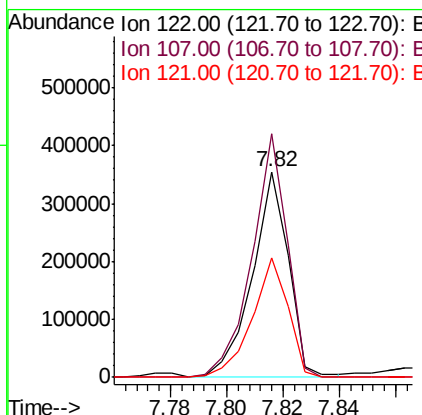
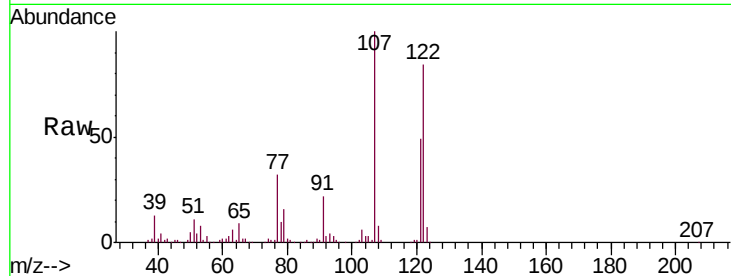
#27
 2,4-Dimethylphenol
 Concen: 51.324 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	92.4	138.6
121	58.3	46.2	69.4

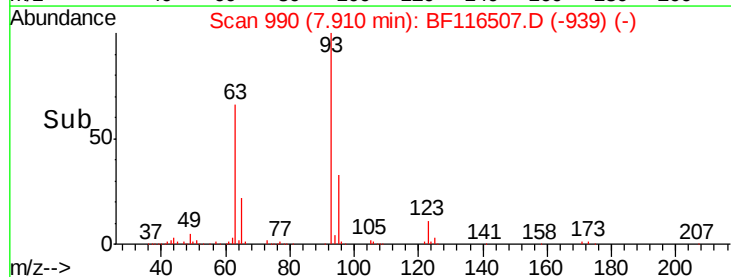
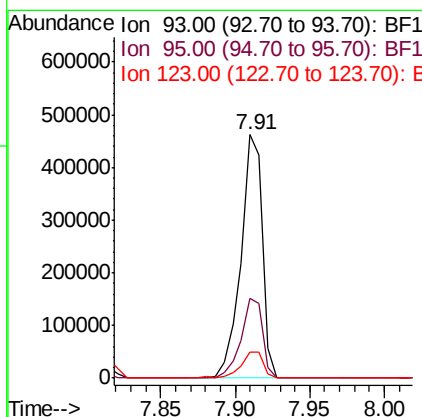
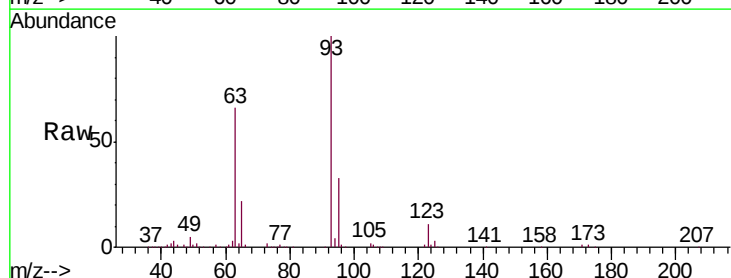
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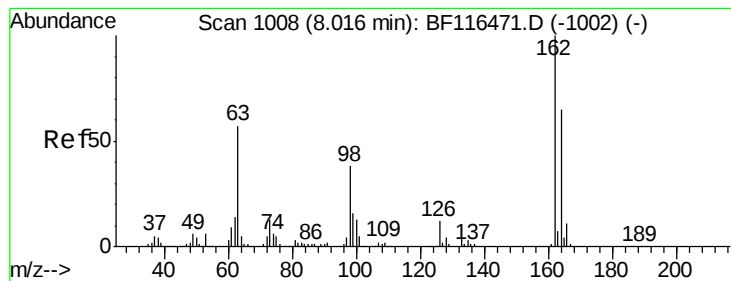
Jagrut
 8/28/2019 8:09:10 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.887 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	10.8	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 46.037 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

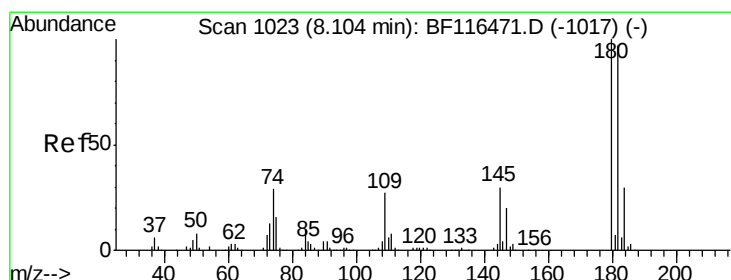
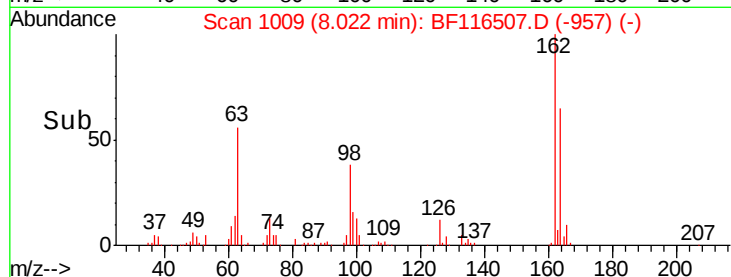
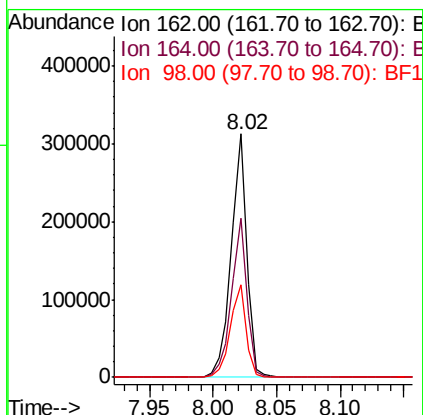
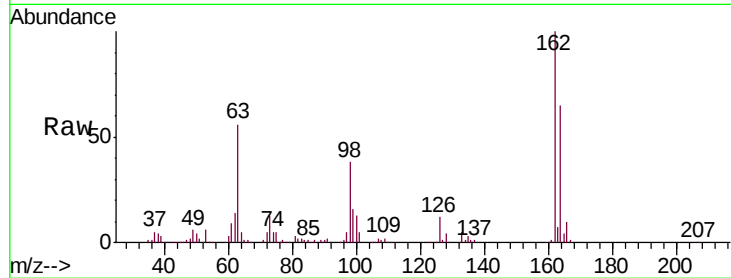
ClientSampleId :

SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266082		
164	65.2	44.9	84.9	
98	38.0	17.9	57.9	

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#30

1,2,4-Trichlorobenzene

Concen: 51.508 ng

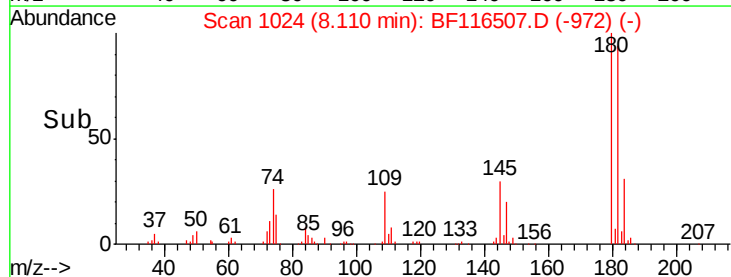
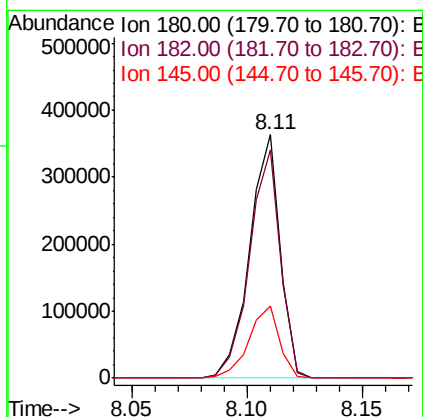
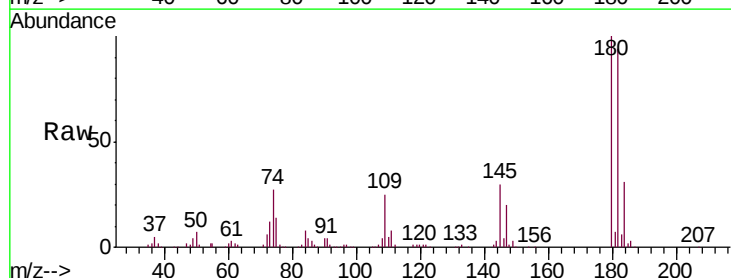
RT: 8.11 min Scan# 1024

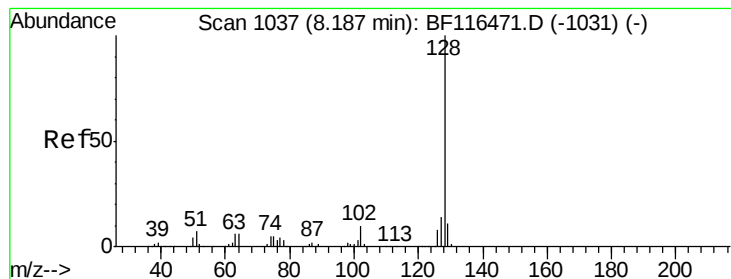
Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335149		
182	93.8	77.4	116.0	
145	29.8	24.3	36.5	





#31

Naphthalene

Concen: 50.883 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

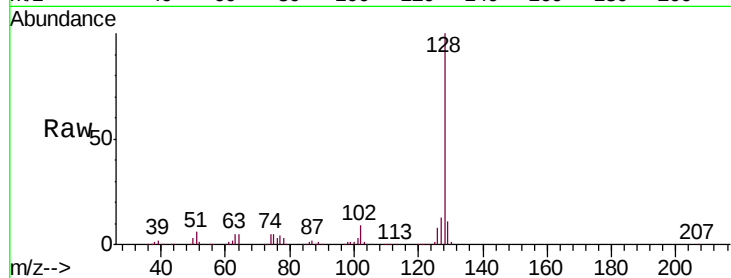
ClientSampleId :

SB-02-COMPMS

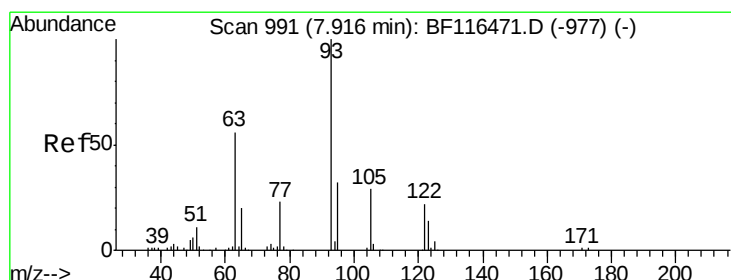
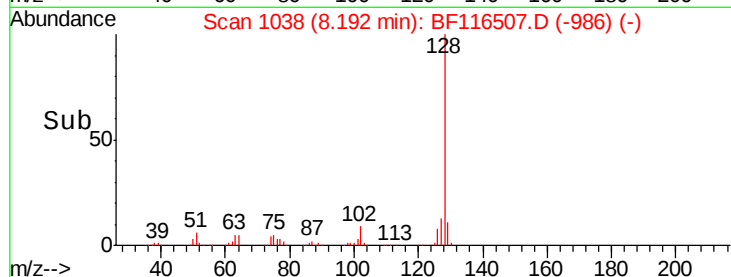
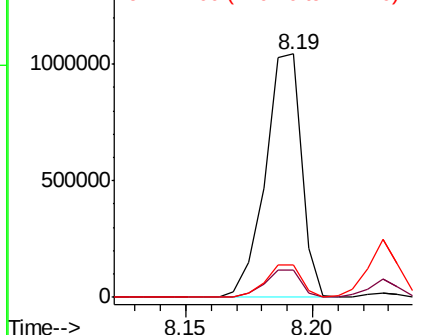
Tot Ion:	128	Resp:	1036960
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.892 ng m

RT: 7.88 min Scan# 985

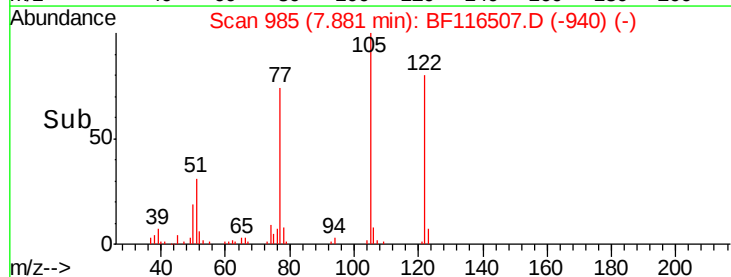
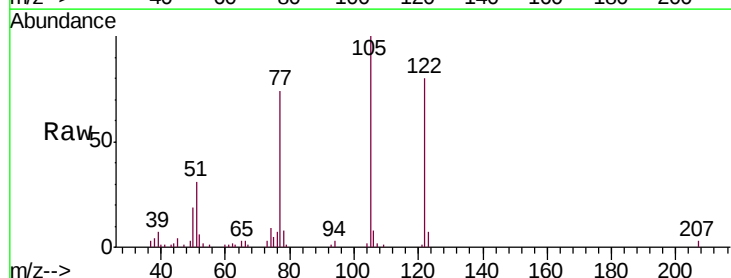
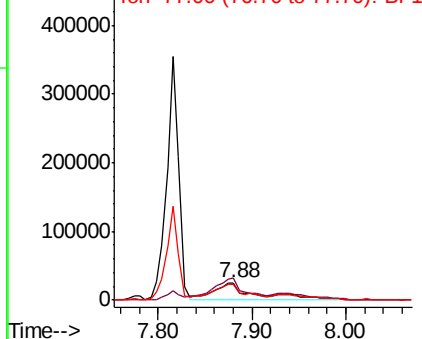
Delta R.T. -0.04 min

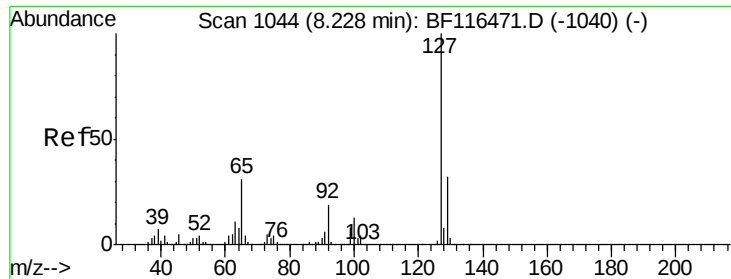
Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:	122	Resp:	81172
Ion	Ratio	Lower	Upper
122	100		
105	124.9	109.9	149.9
77	92.8	84.9	124.9

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





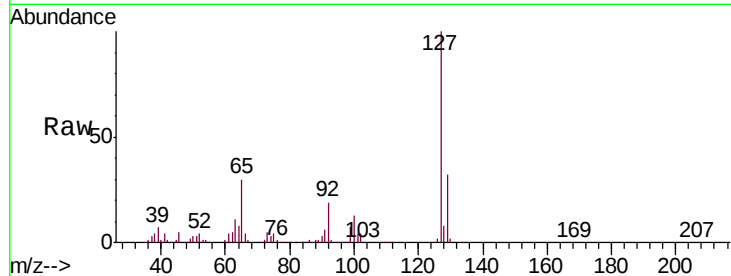
#33
4-Chloroaniline
Concen: 24.350 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

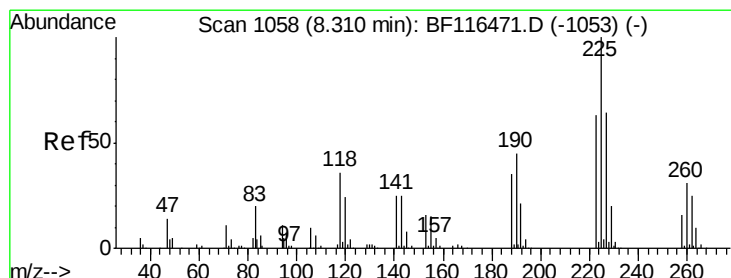
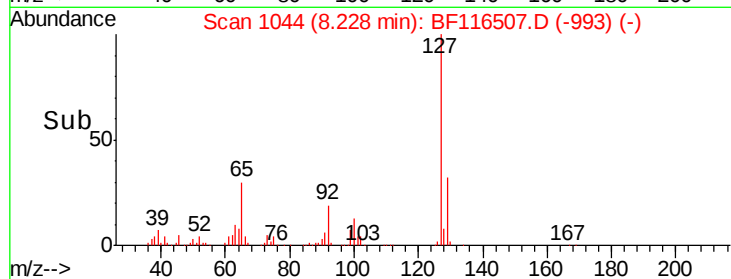
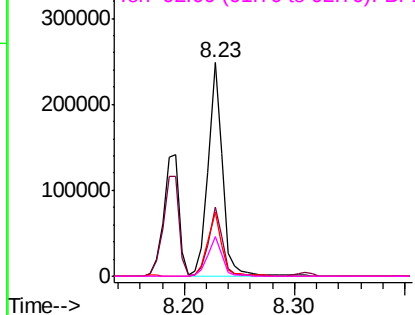
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		217845		
129	32.4	25.7	38.5		
65	29.8	25.0	37.6		
92	18.7	15.0	22.6		

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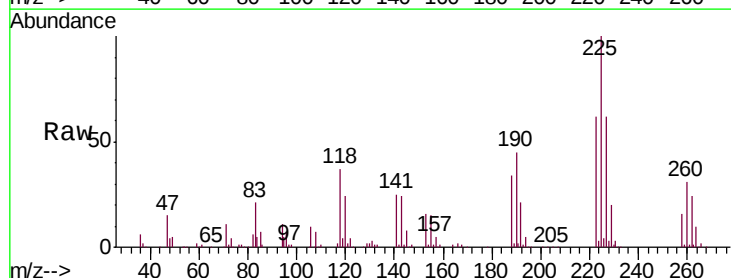


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

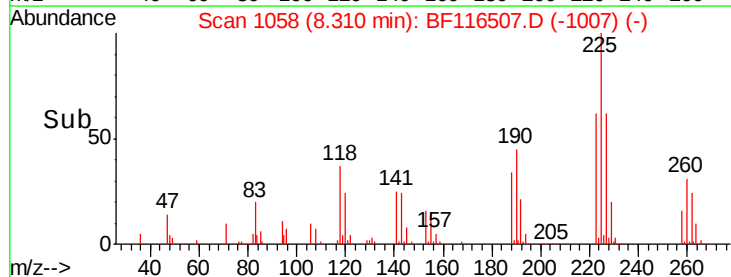
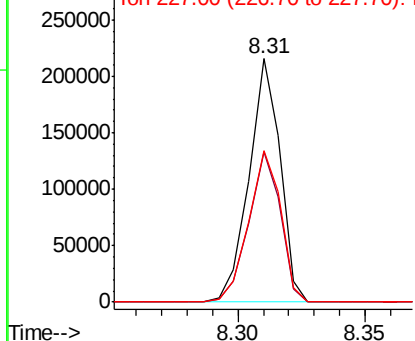


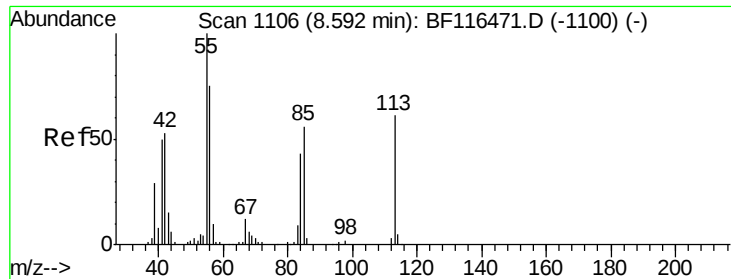
#34
Hexachlorobutadiene
Concen: 51.961 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		184387		
223	61.8	50.3	75.5		
227	62.5	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





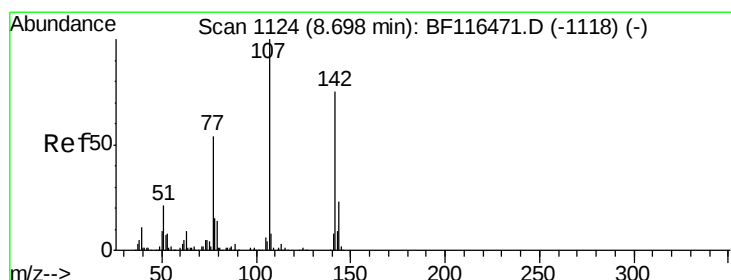
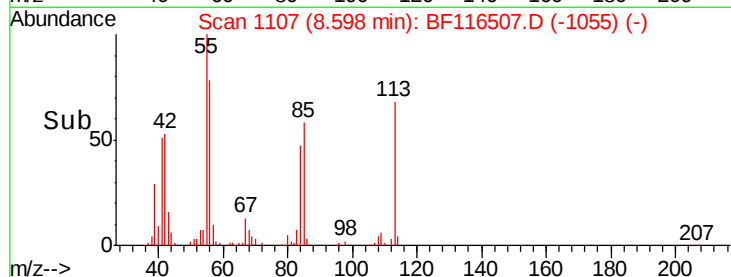
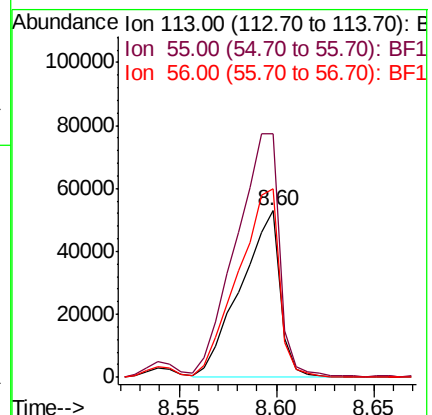
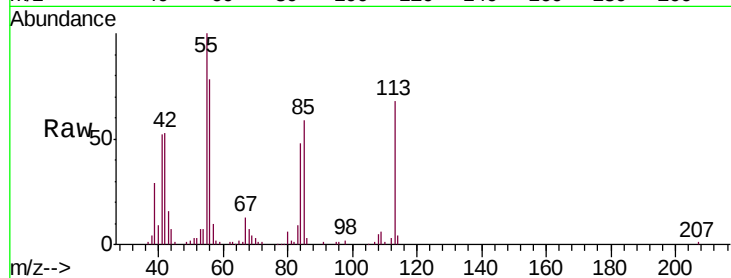
#35
 Caprolactam
 Concen: 36.994 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.0	143.6	183.6
56	113.5	102.3	142.3

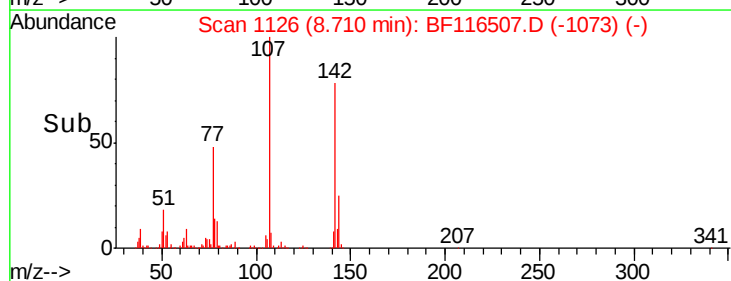
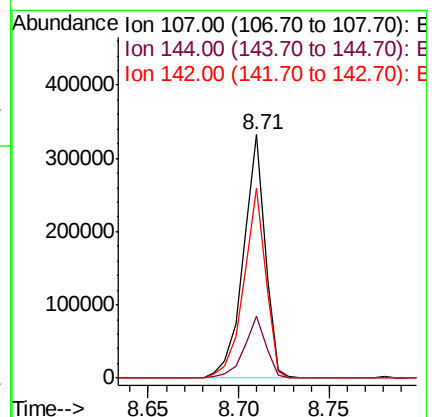
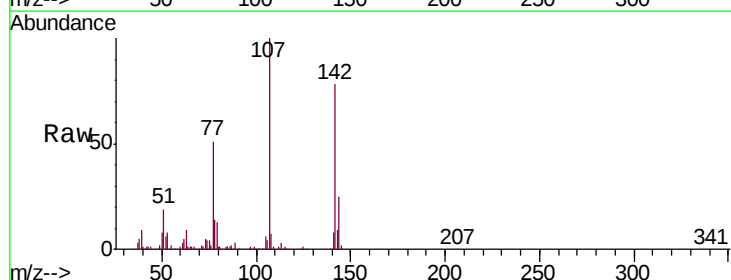
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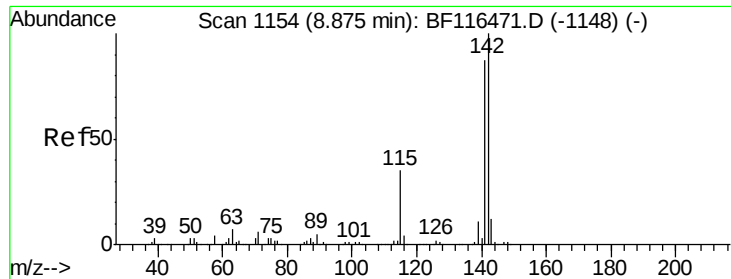
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#36
 4-Chloro-3-methylphenol
 Concen: 42.902 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	18.8	28.2
142	77.8	59.8	89.6





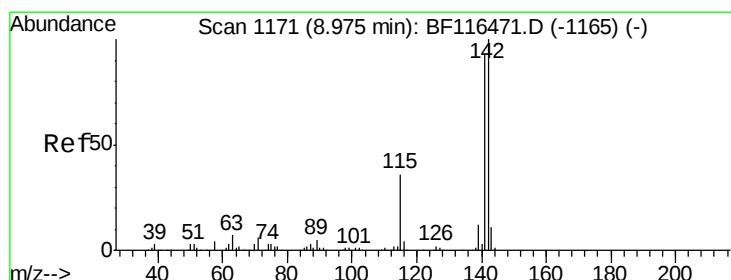
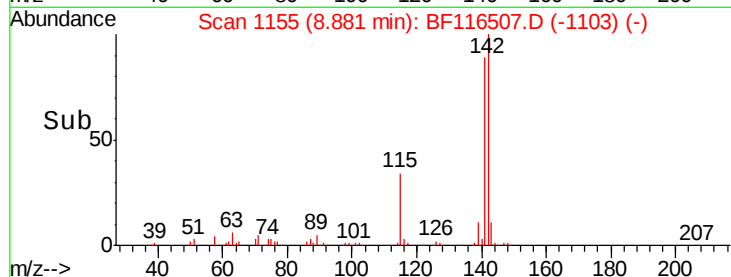
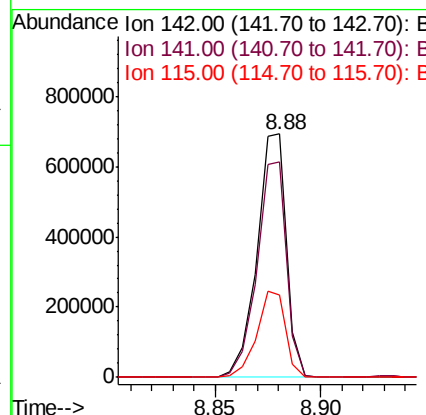
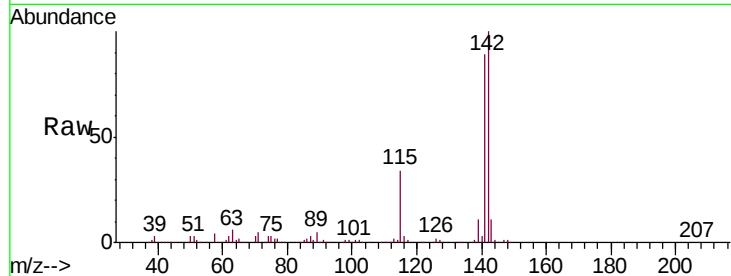
#37
2-Methylnaphthalene
Concen: 48.121 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	673335		
141	88.5	69.8	104.6	
115	33.7	27.7	41.5	

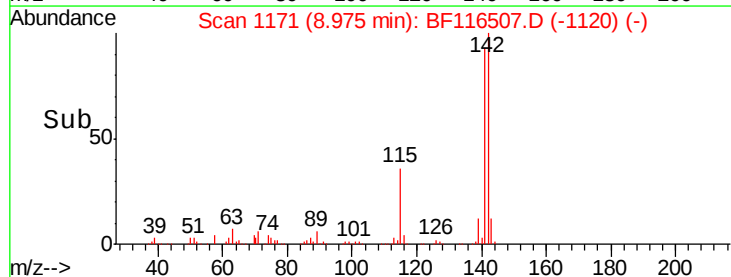
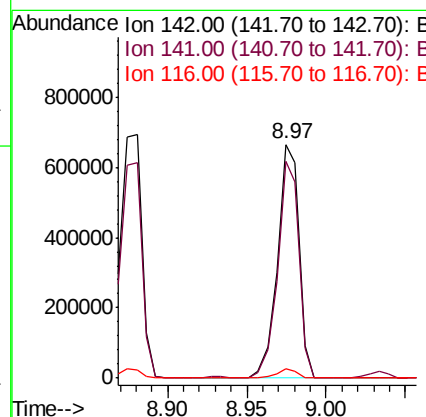
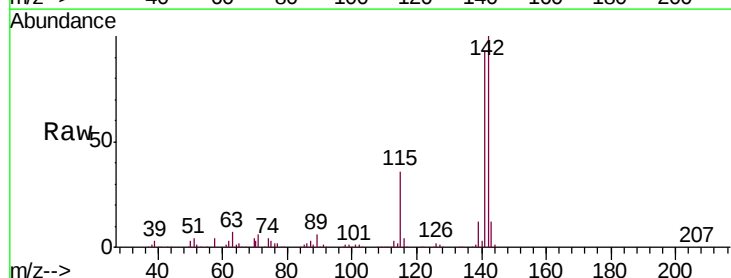
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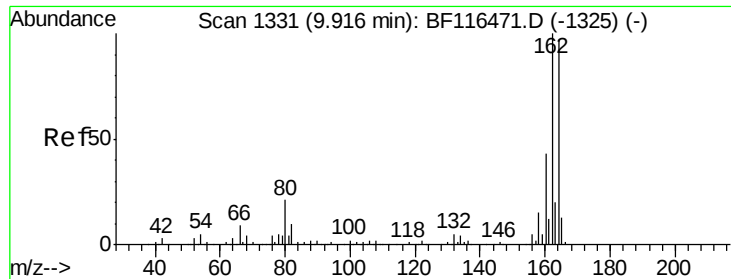
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#38
1-Methylnaphthalene
Concen: 48.211 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	630158		
141	92.7	74.2	111.2	
116	3.8	2.9	4.3	





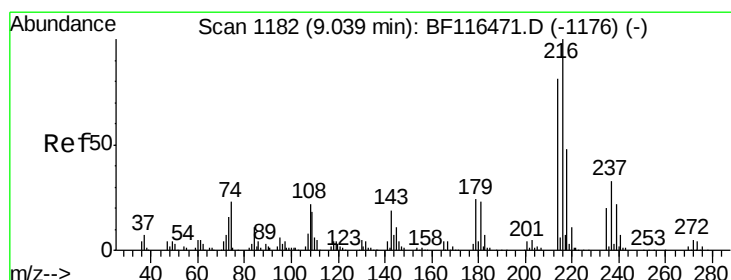
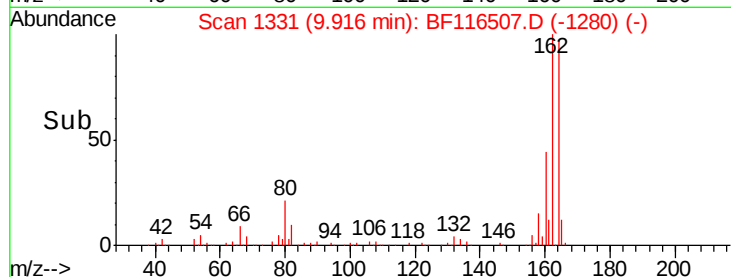
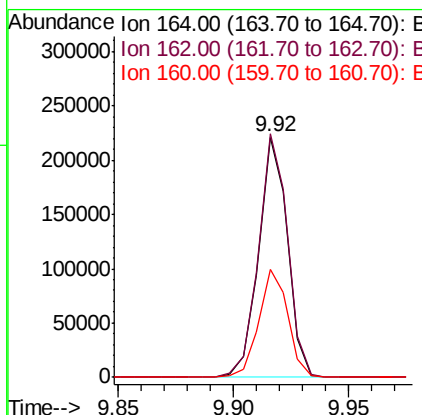
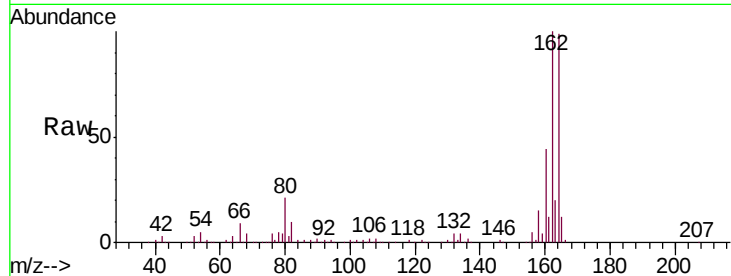
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	44.9	35.8	53.8

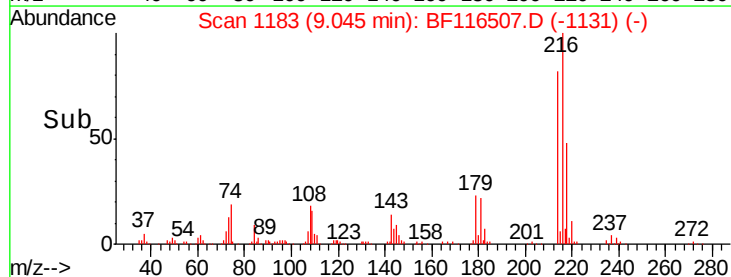
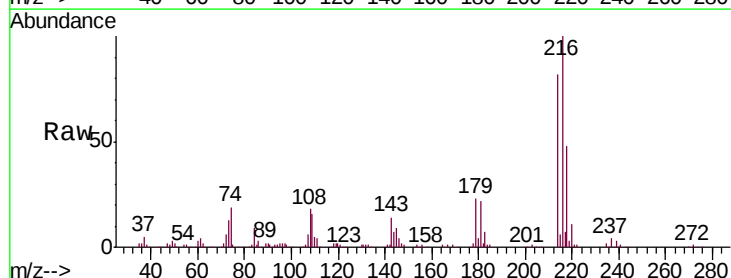
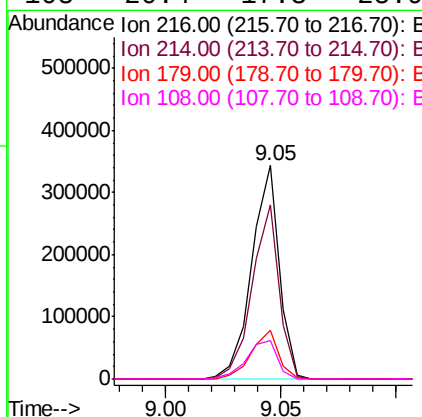
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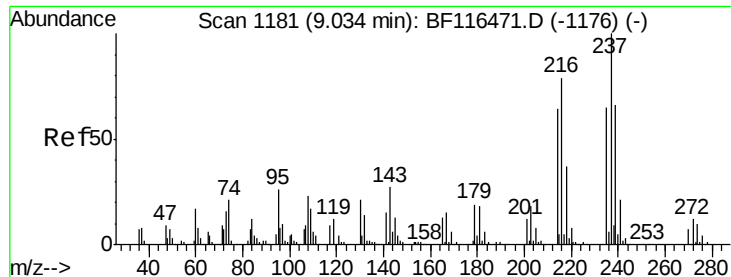
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.442 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	22.7	18.5	27.7
108	20.4	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 41.745 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

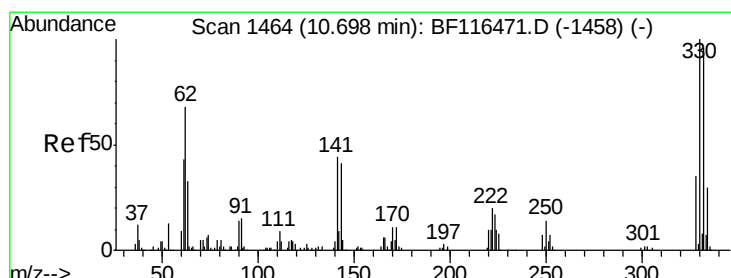
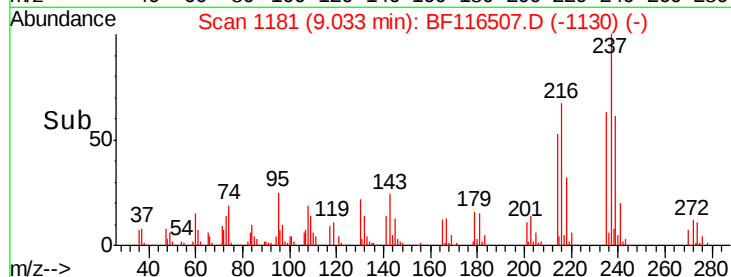
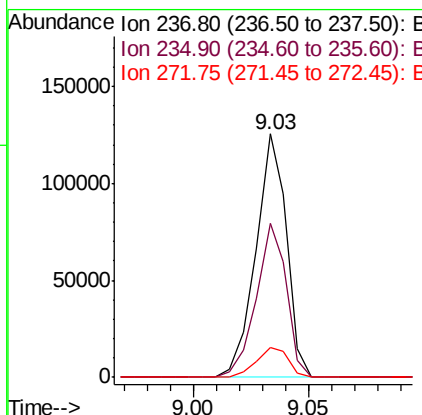
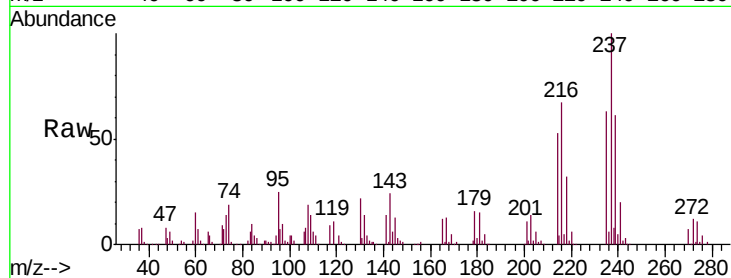
ClientSampleId :

SB-02-COMPMS

Tot Ion:	237	Resp:	116663
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.8	84.8
272	12.4	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 101.630 ng

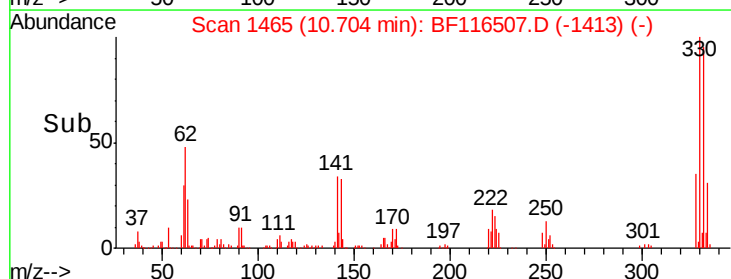
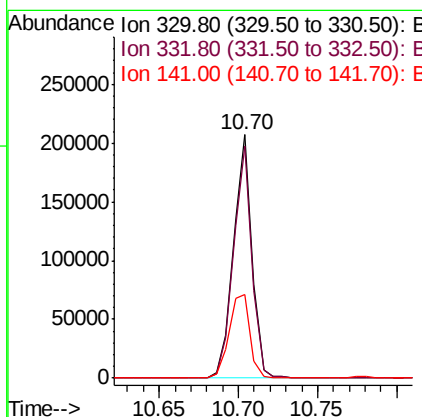
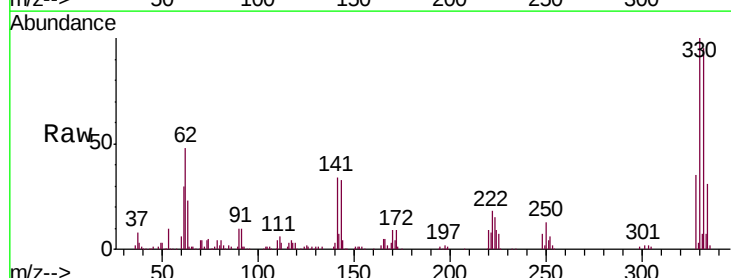
RT: 10.70 min Scan# 1465

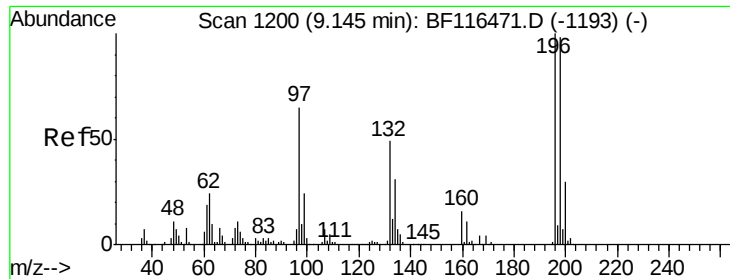
Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion:	330	Resp:	168479
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.2	115.8
141	38.8	33.3	49.9





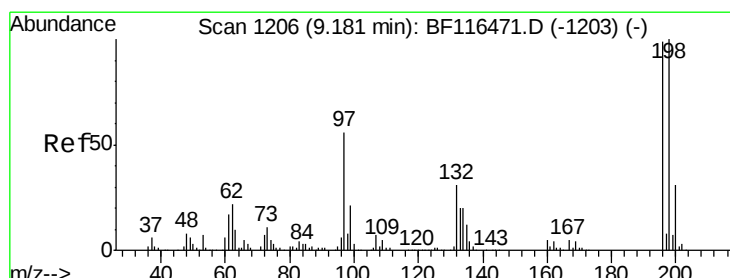
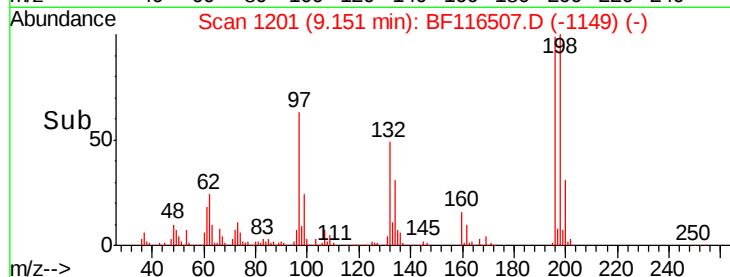
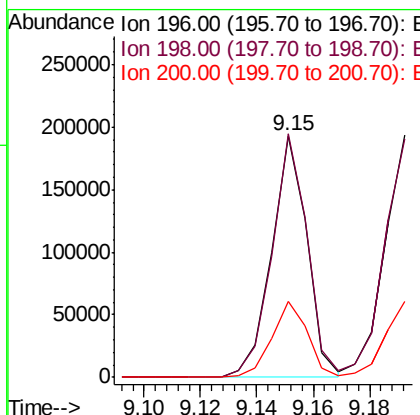
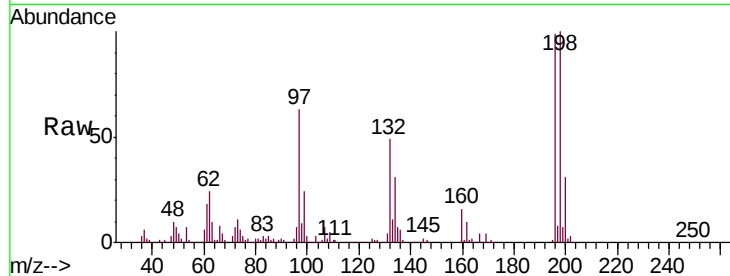
#43
 2,4,6-Trichlorophenol
 Concen: 46.206 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167972		
198	100.8	78.0	117.0	
200	31.4	24.2	36.2	

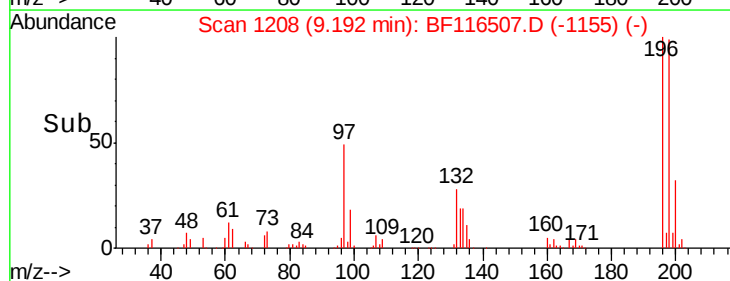
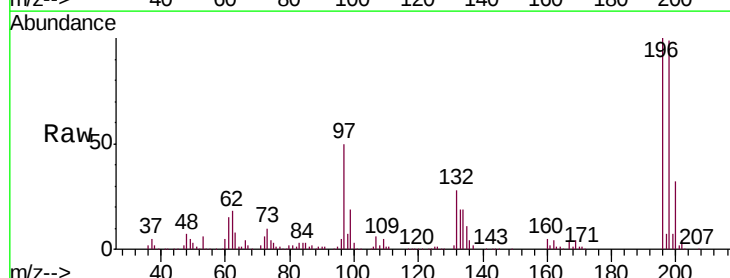
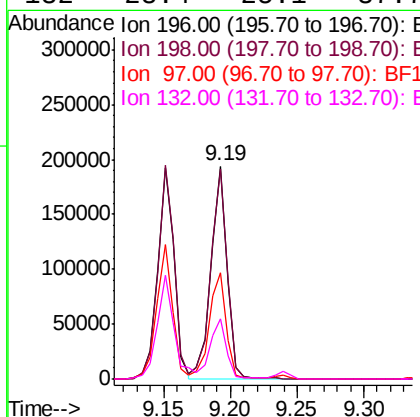
Manual Integrations
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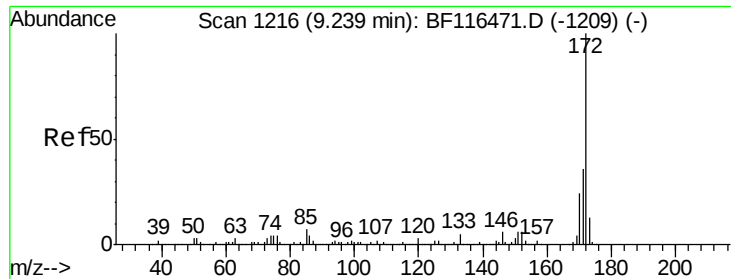
Jagrut
 8/28/2019 8:09:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.011 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166491		
198	98.6	80.8	121.2	
97	49.9	45.7	68.5	
132	28.4	25.1	37.7	





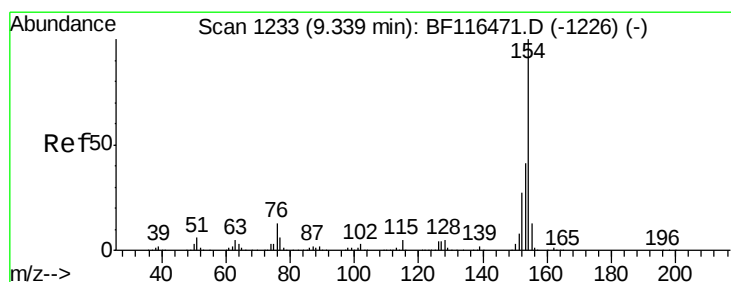
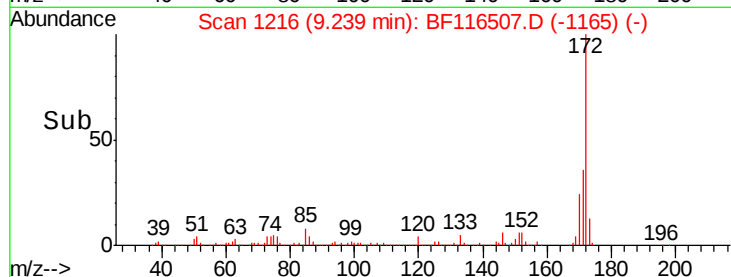
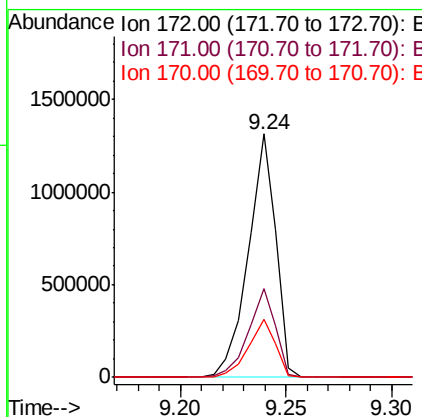
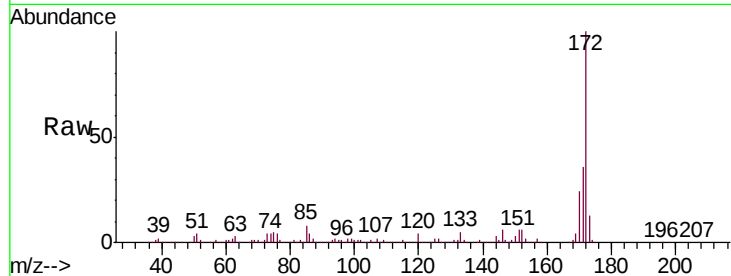
#45
2-Fluorobiphenyl
Concen: 99.147 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.7	19.4	29.0

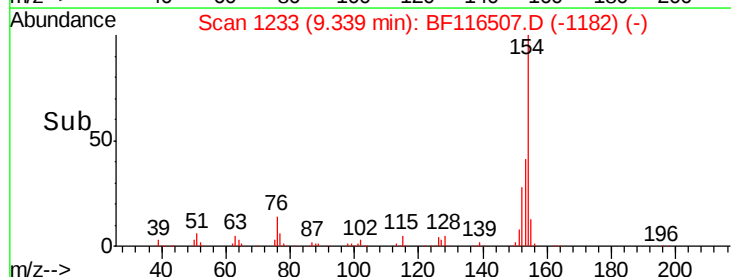
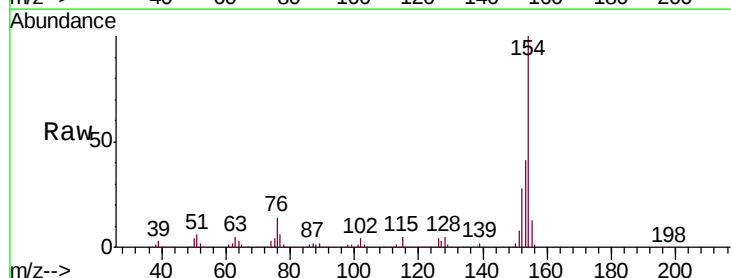
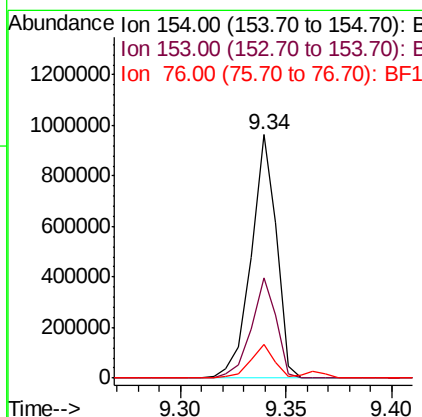
Manual Integrations
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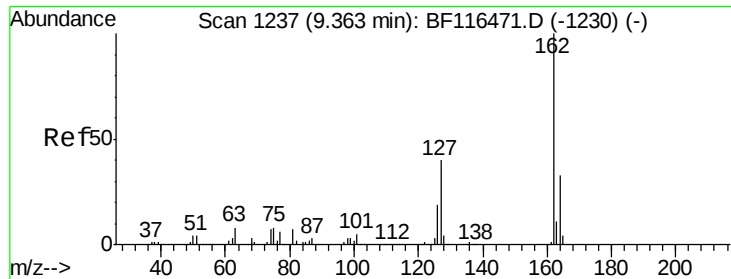
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#46
1,1'-Biphenyl
Concen: 51.798 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.9	0.0	32.9





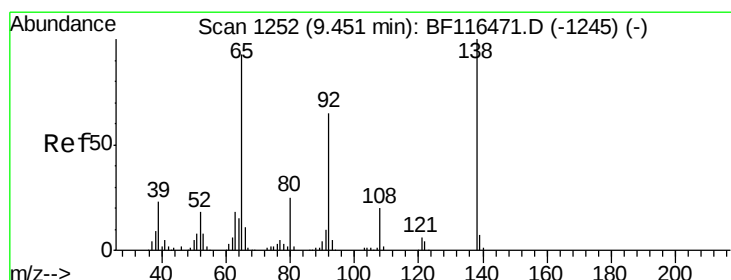
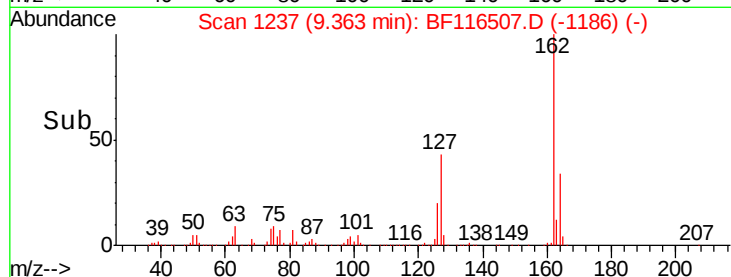
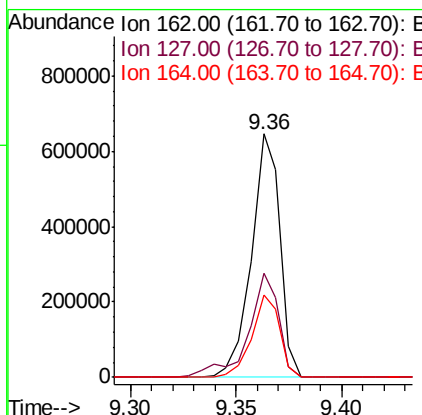
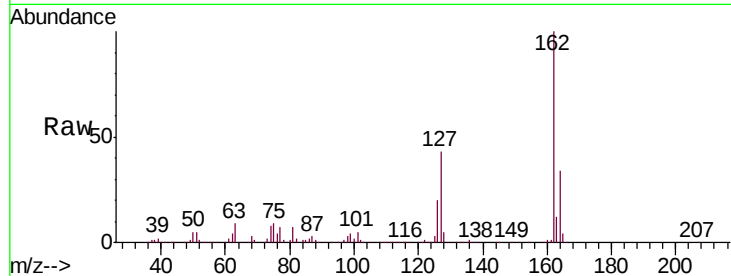
#47
2-Chloronaphthalene
Concen: 50.474 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.5	48.7
164	33.7	26.7	40.1

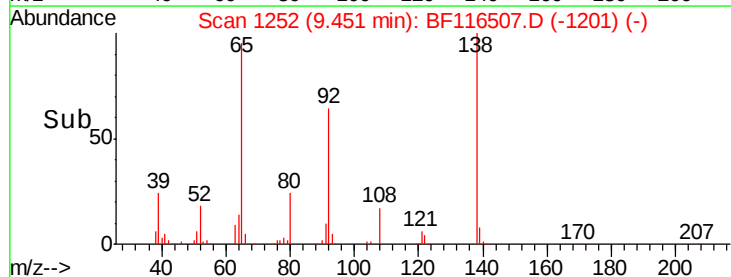
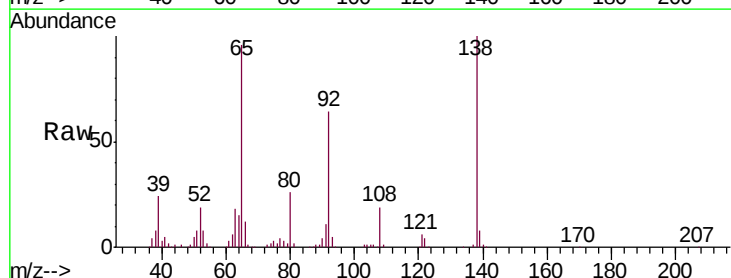
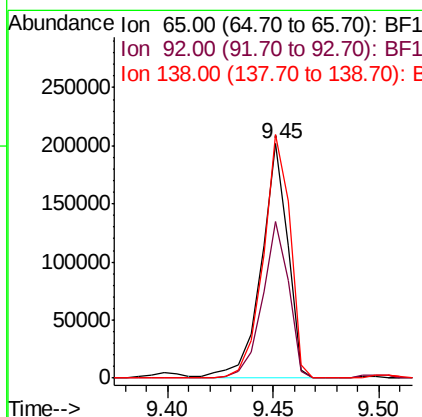
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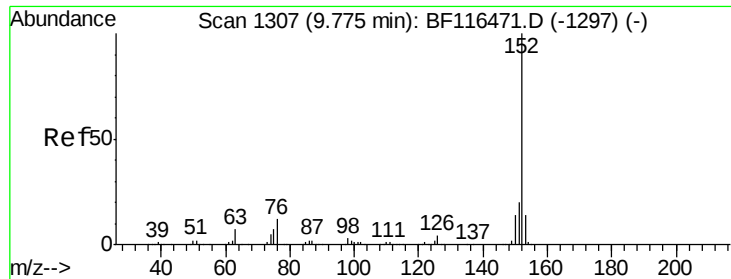
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#48
2-Nitroaniline
Concen: 47.718 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	56.2	84.2
138	103.9	86.0	129.0





#49

Acenaphthylene

Concen: 51.641 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

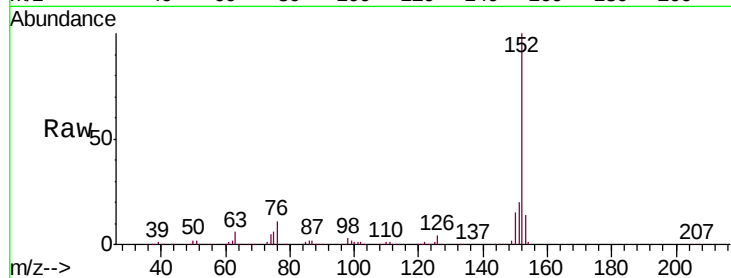
ClientSampleId :

SB-02-COMPMS

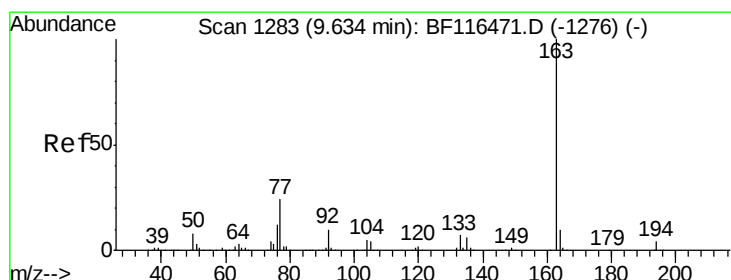
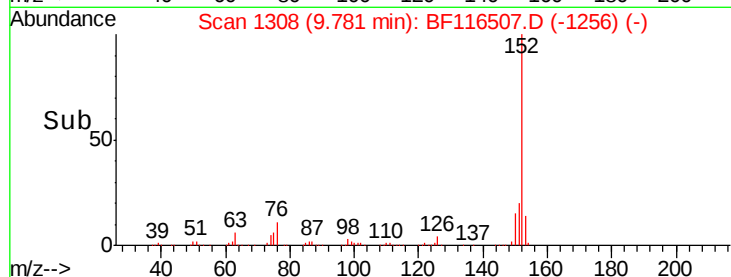
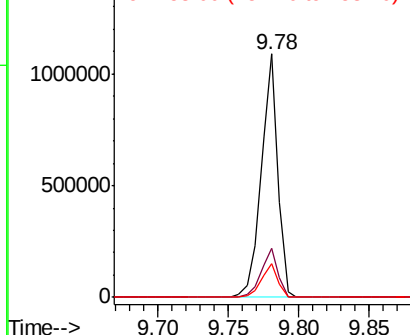
Tot Ion:	152	Resp:	904123
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.7	11.4	17.0

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 61.463 ng

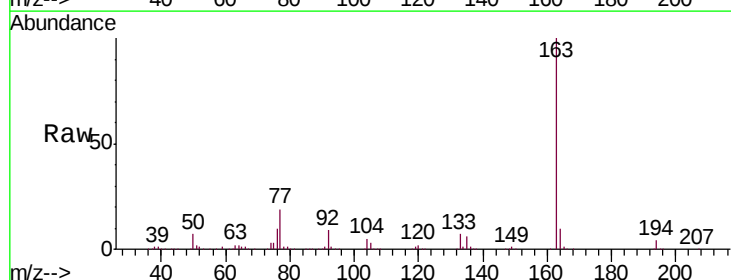
RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

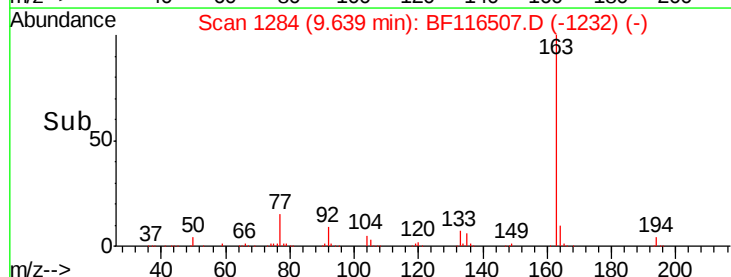
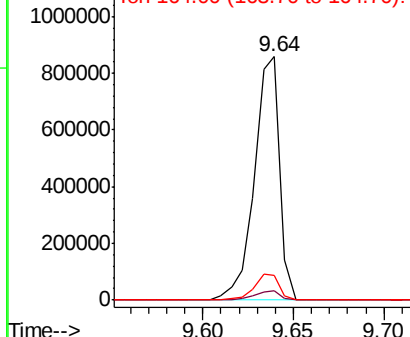
Lab File: BF116507.D

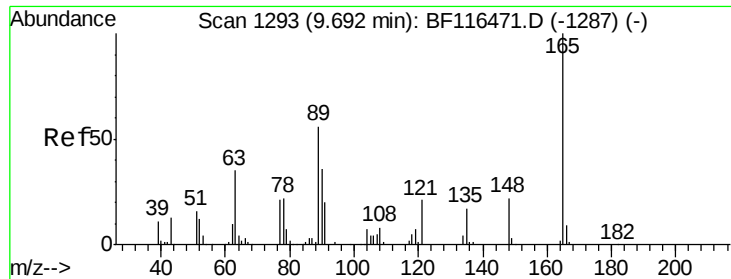
Acq: 24 Aug 2019 7:48

Tgt Ion:	163	Resp:	827910
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.0	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





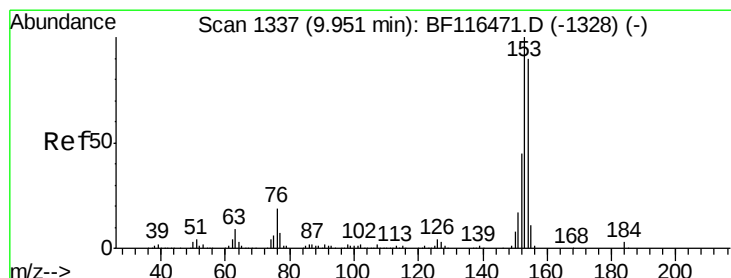
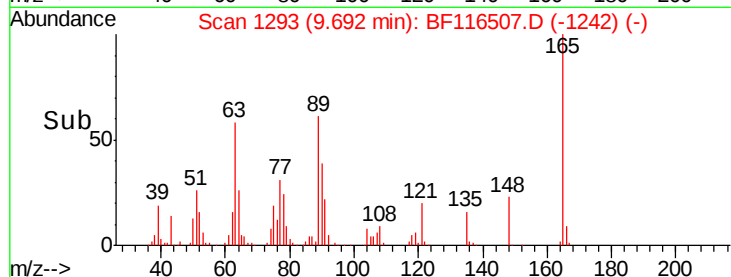
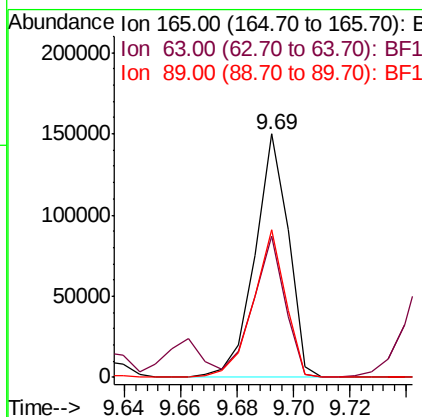
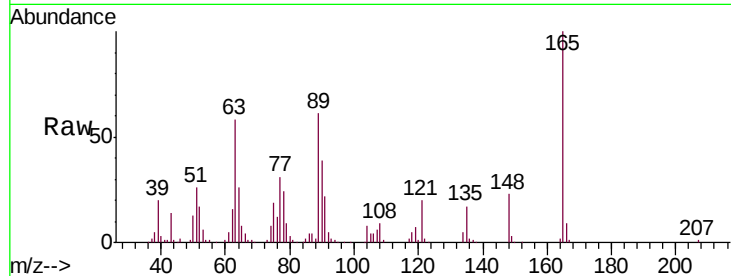
#51
 2,6-Dinitrotoluene
 Concen: 44.713 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123279		
63	58.2	43.7	65.5	
89	60.7	45.1	67.7	

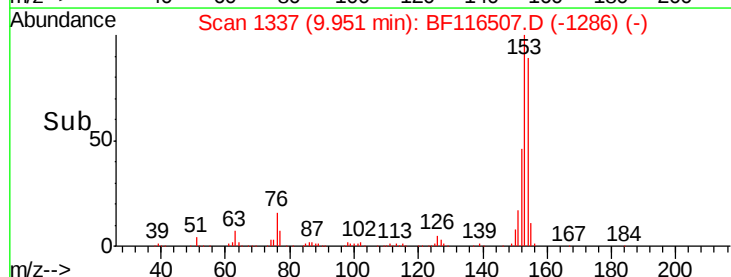
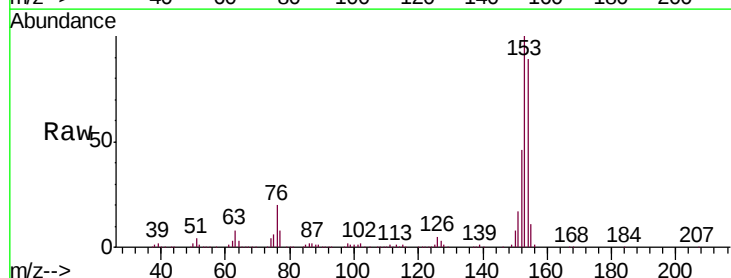
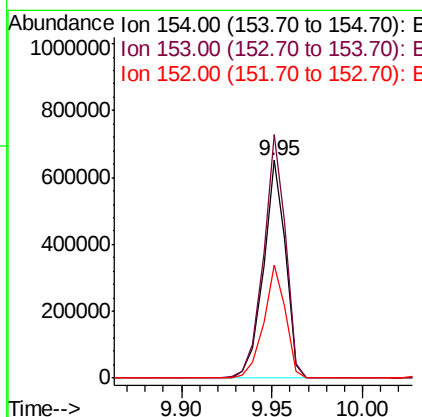
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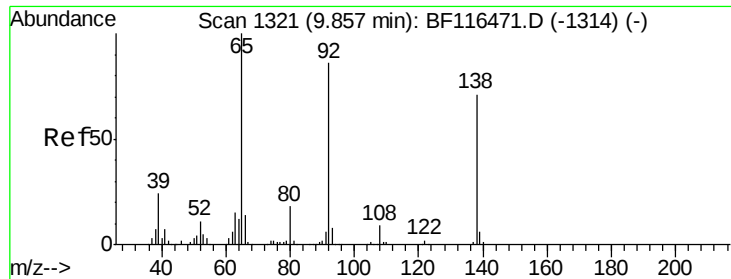
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#52
 Acenaphthene
 Concen: 48.970 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	550144		
153	111.8	89.3	133.9	
152	51.7	40.2	60.4	





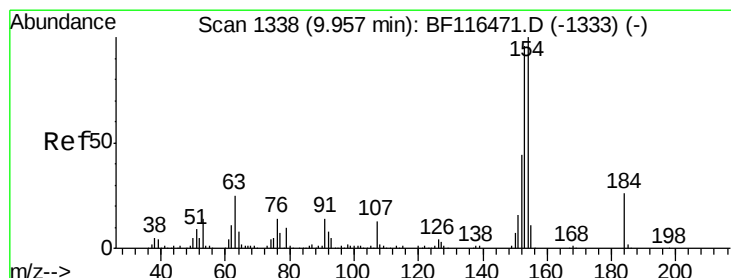
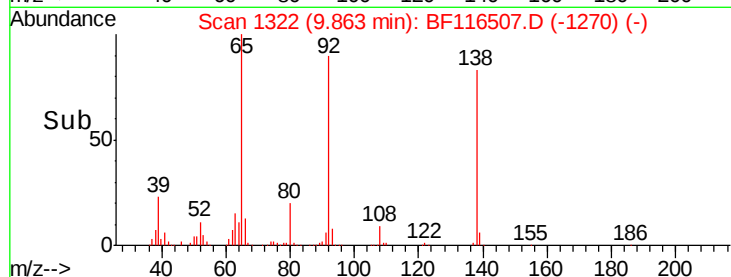
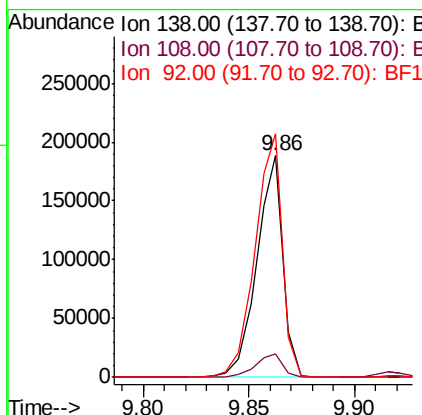
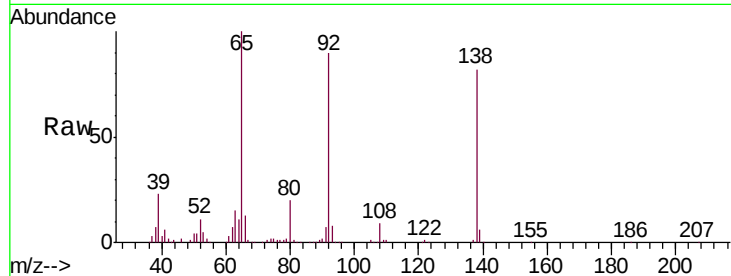
#53
3-Nitroaniline
Concen: 49.201 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.0	15.0
92	110.0	97.7	146.5

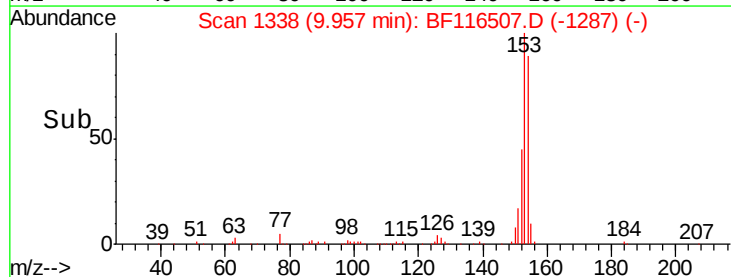
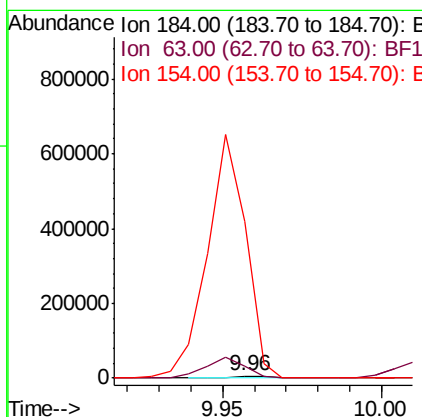
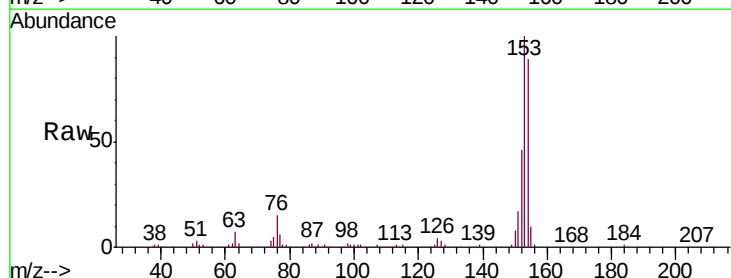
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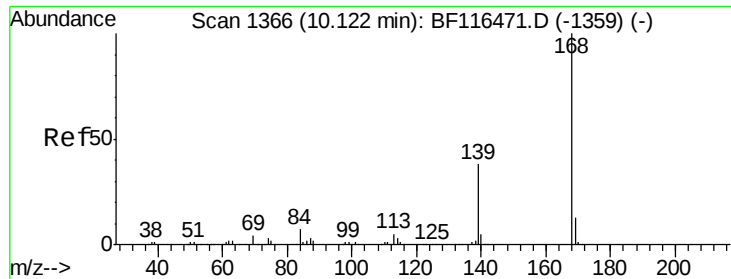
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#54
2,4-Dinitrophenol
Concen: 12.835 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	502.7	78.2	117.4#
154	6754.6	320.4	480.6#





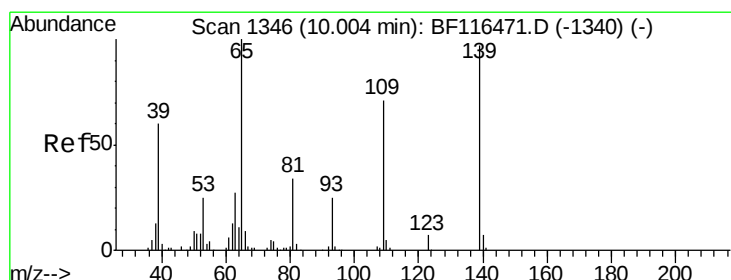
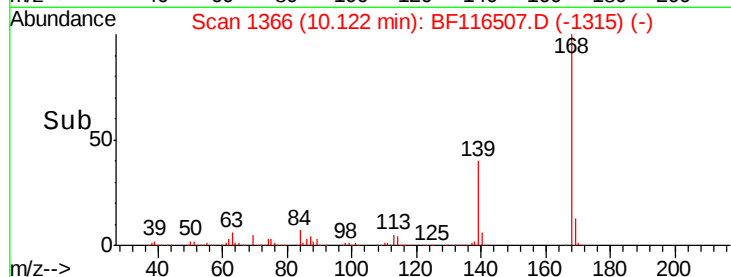
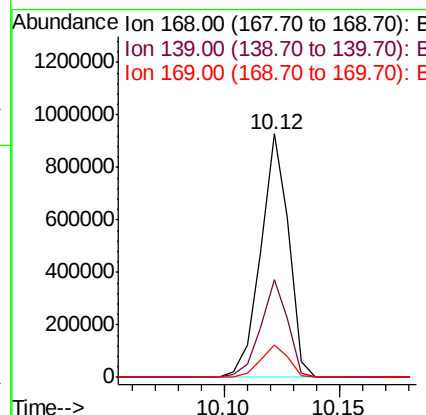
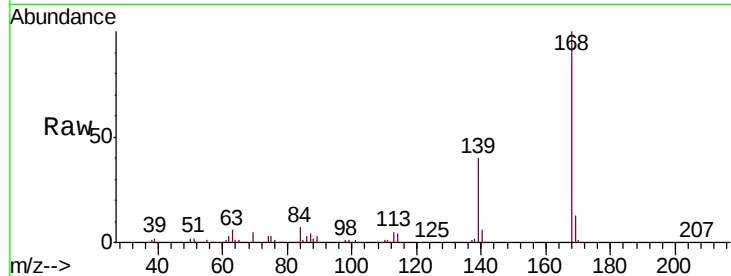
#55
Dibenzofuran
Concen: 50.119 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	784864		
139	40.0		30.7	46.1
169	13.5		10.7	16.1

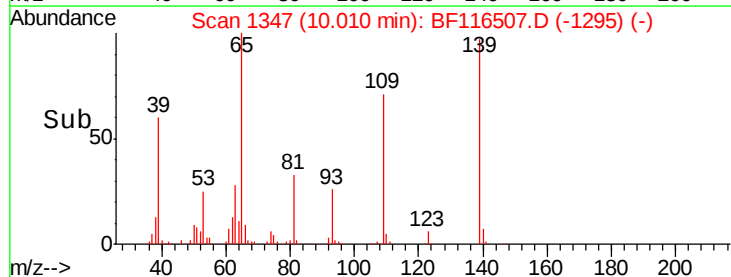
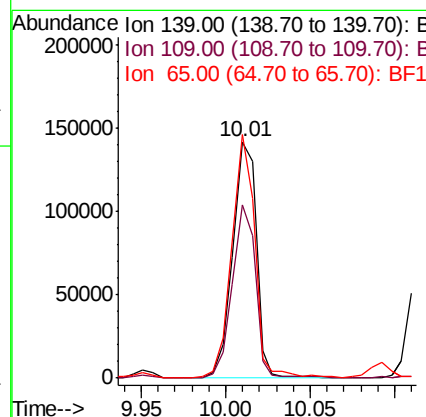
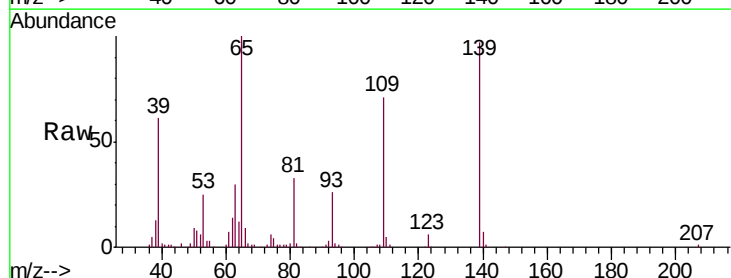
Manual Integrations
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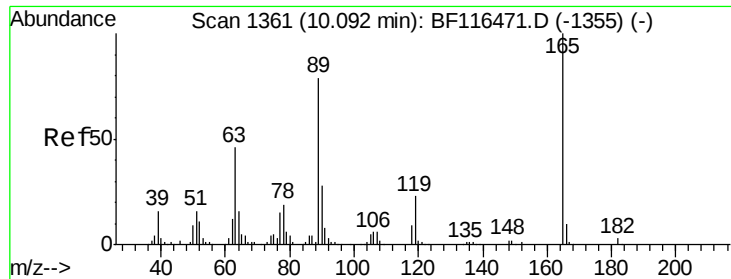
Jagrut
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#56
4-Nitrophenol
Concen: 54.186 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	138415		
109	73.2		53.4	93.4
65	103.1		83.0	123.0





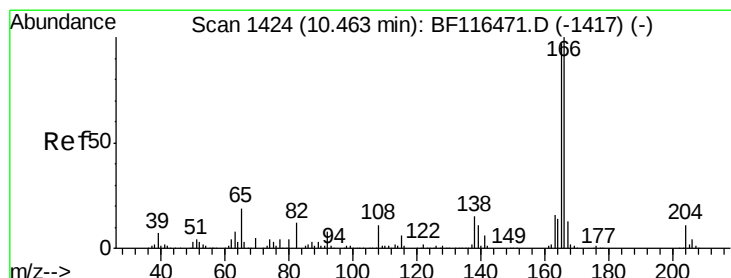
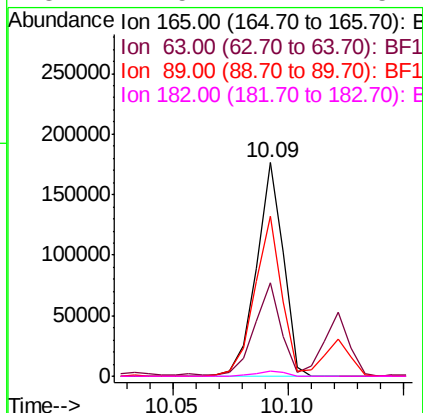
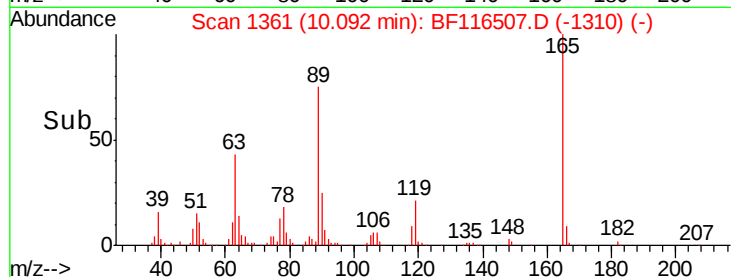
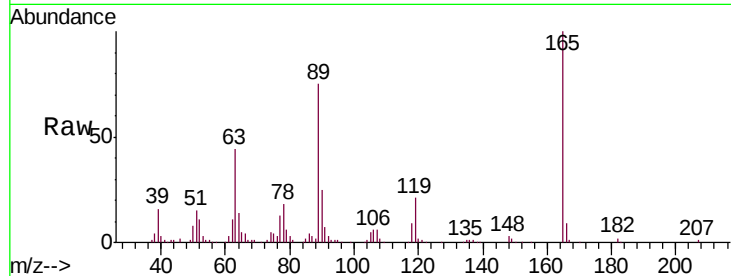
#57
 2,4-Dinitrotoluene
 Concen: 40.857 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	36.9	55.3
89	74.7	63.4	95.0
182	2.5	2.1	3.1

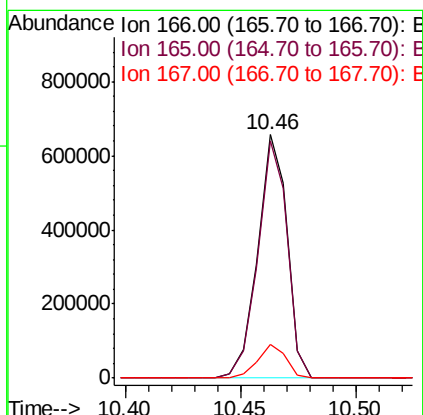
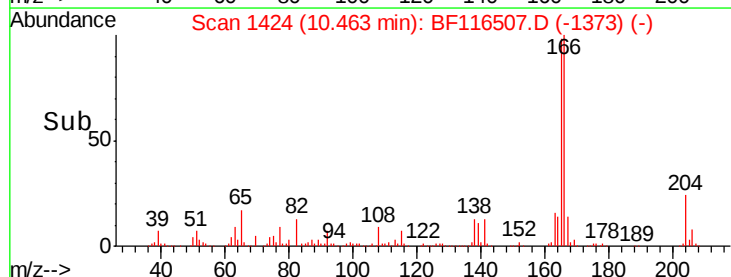
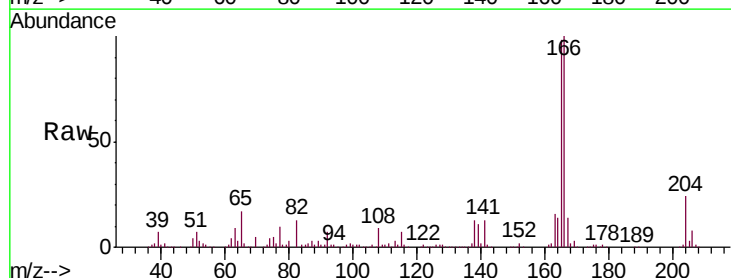
Manual Integrations
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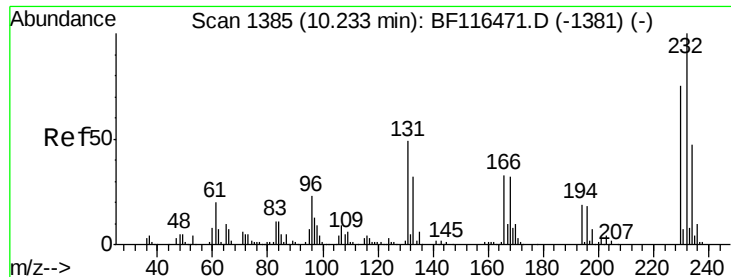
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#58
 Fluorene
 Concen: 48.028 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.4	116.0
167	13.7	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.440 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

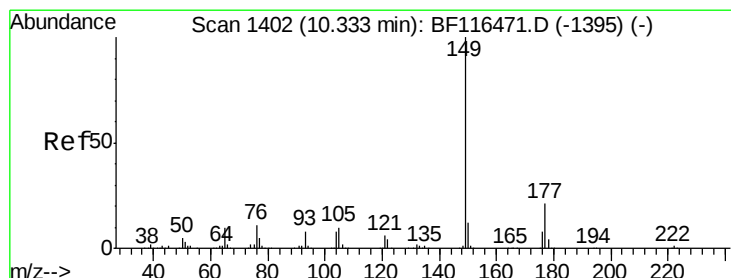
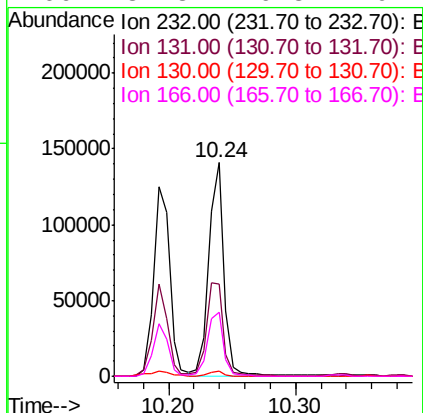
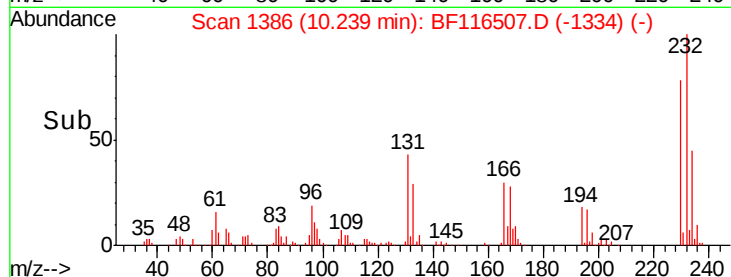
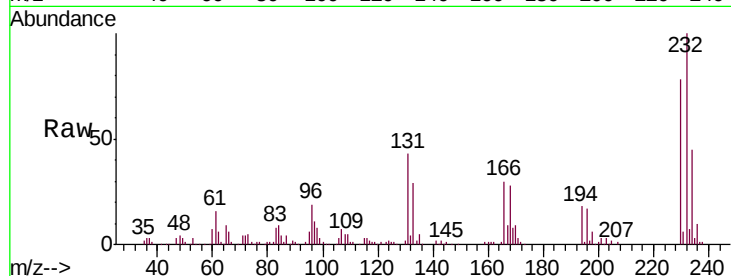
ClientSampleId :

SB-02-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		119787		
131	48.5	40.8	61.2		
130	2.3	1.8	2.8		
166	31.3	26.8	40.2		

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#60

Diethylphthalate

Concen: 52.339 ng

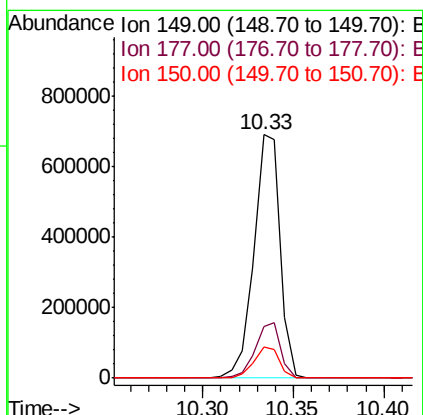
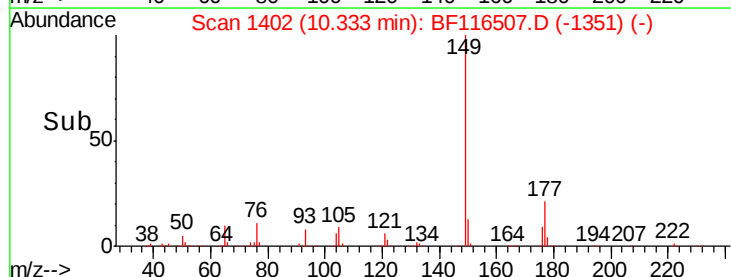
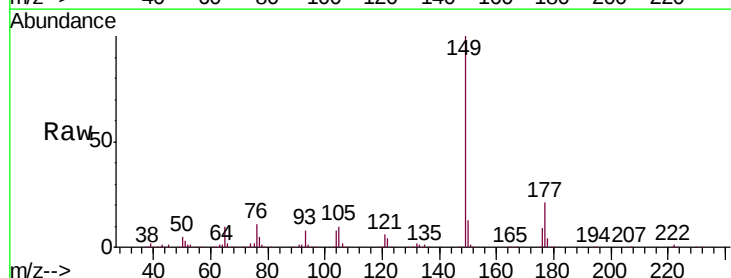
RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		692925		
177	21.3	17.1	25.7		
150	12.6	9.8	14.6		





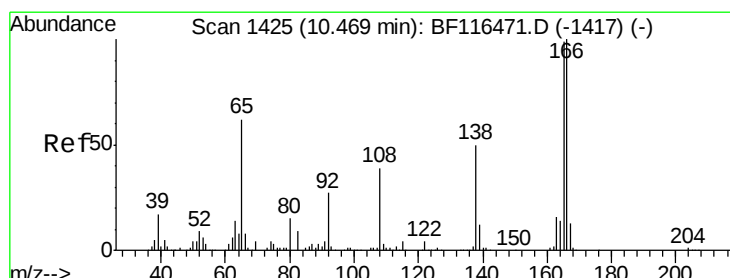
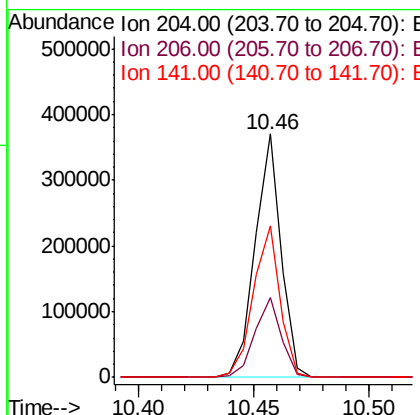
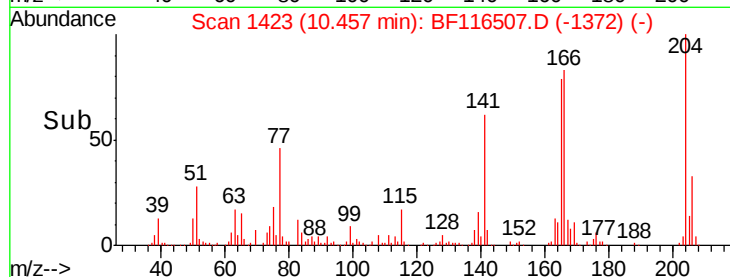
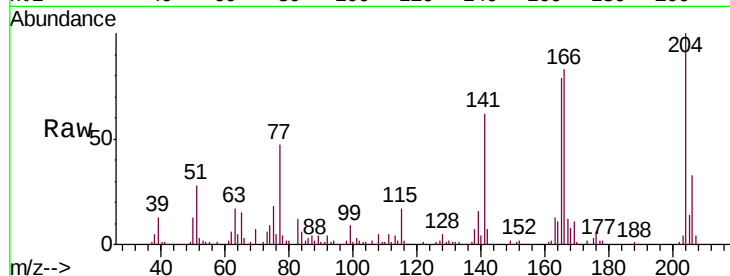
#61
 4-Chlorophenyl-phenylether
 Concen: 49.266 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion:	204	Resp:	292422
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.9	38.9
141	62.3	48.6	73.0

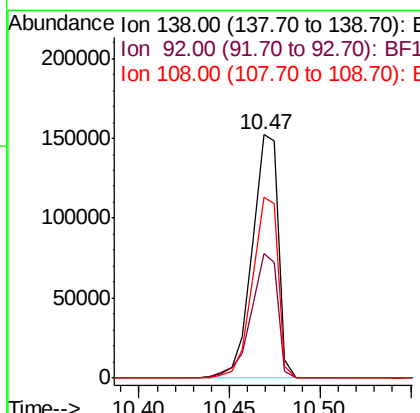
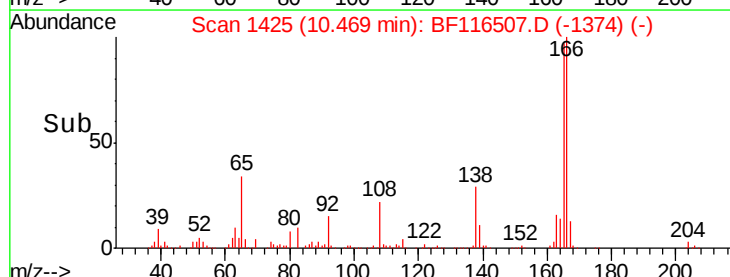
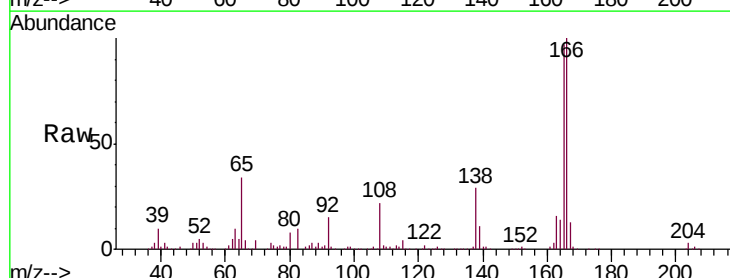
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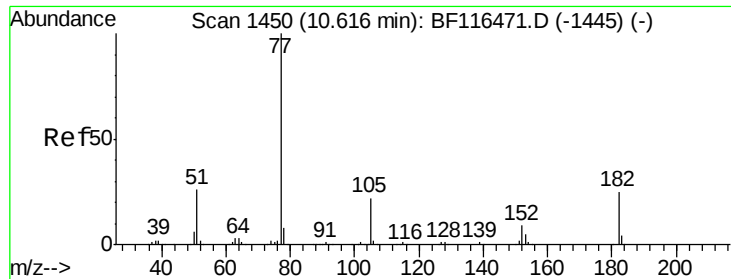
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#62
 4-Nitroaniline
 Concen: 47.388 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion:	138	Resp:	152317
Ion Ratio	Lower	Upper	
138	100		
92	51.1	34.9	74.9
108	74.1	57.7	97.7





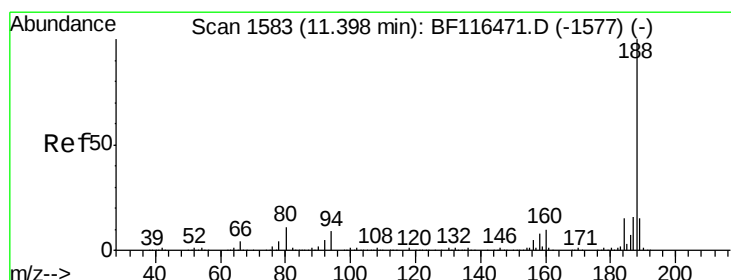
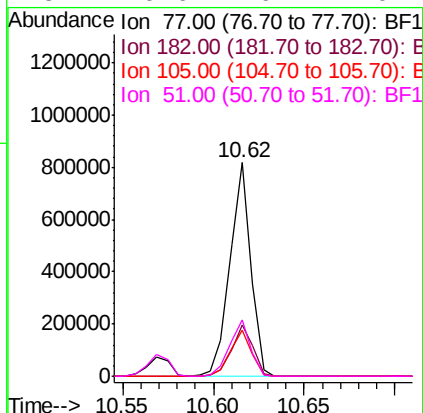
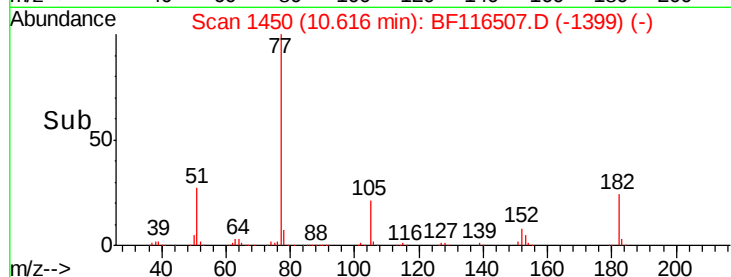
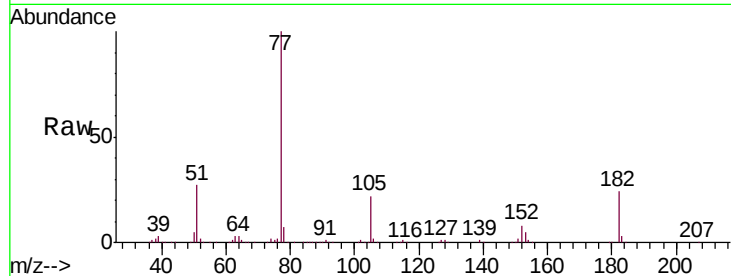
#63
Azobenzene
Concen: 48.328 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		657869		
182	23.9	5.4	45.4		
105	21.6	1.6	41.6		
51	26.6	6.2	46.2		

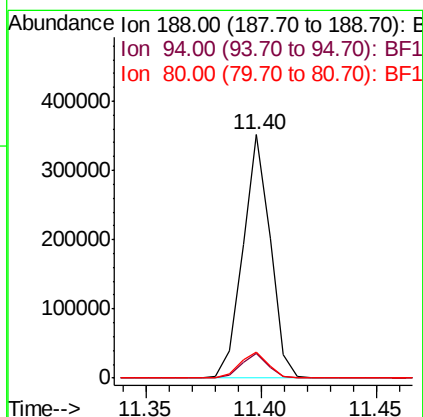
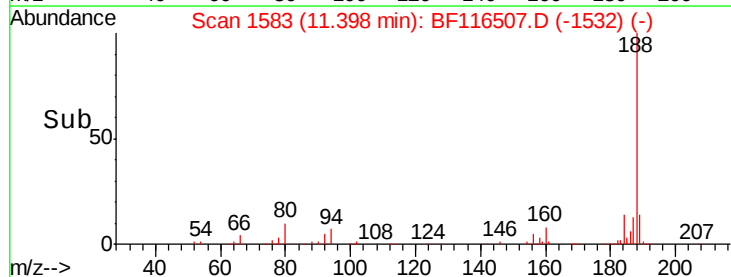
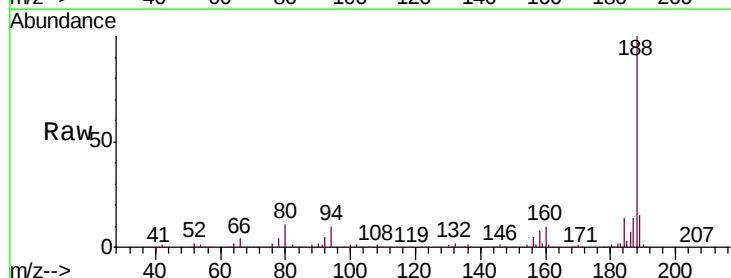
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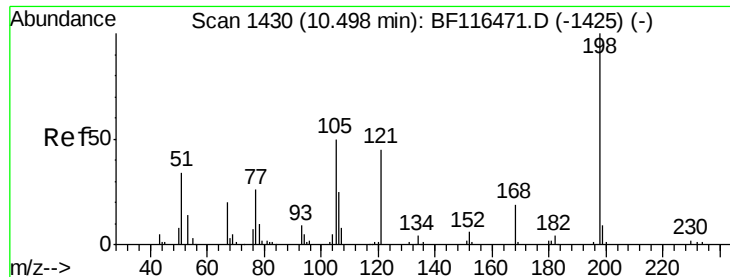
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		291123		
94	10.0	7.4	11.2		
80	10.6	8.6	12.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 11.142 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMS

Tot Ion:198 Resp: 5782

Ion Ratio Lower Upper

198 100

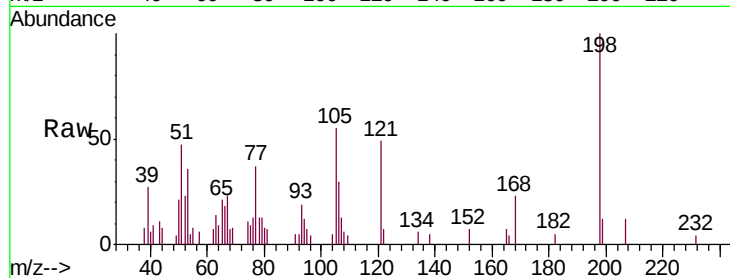
51 46.6 30.4 70.4

105 55.5 32.8 72.8

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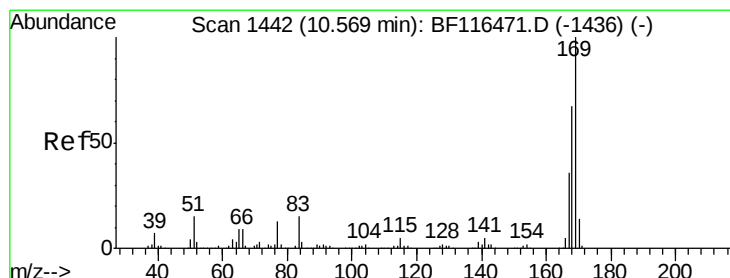
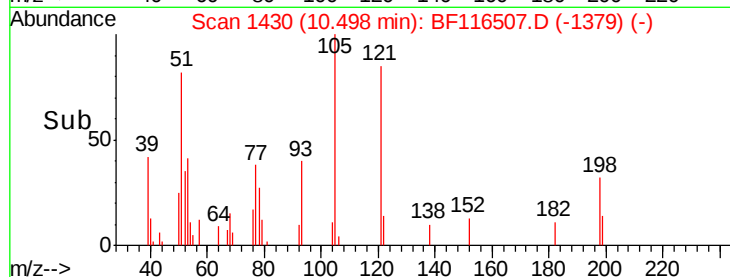
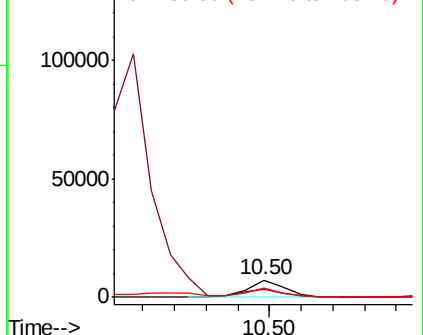
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 57.348 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

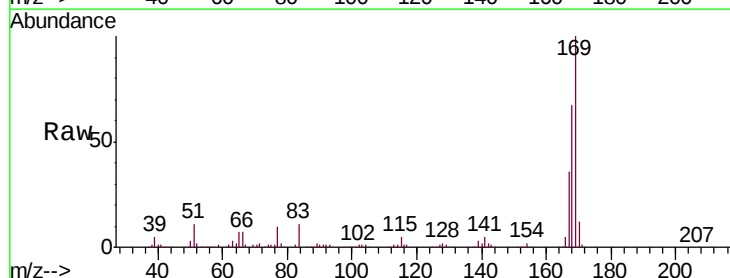
Tgt Ion:169 Resp: 540594

Ion Ratio Lower Upper

169 100

168 66.5 53.6 80.4

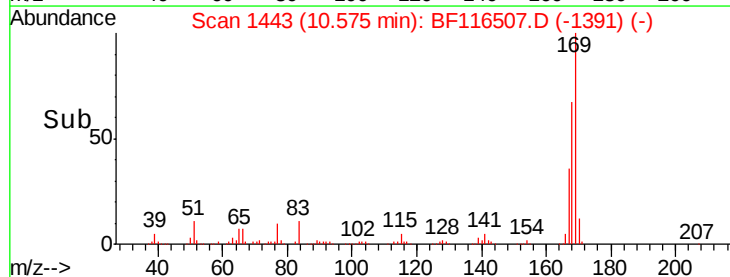
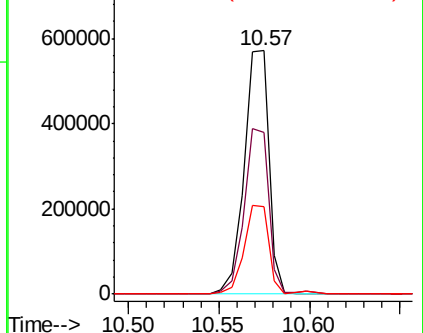
167 35.7 28.7 43.1

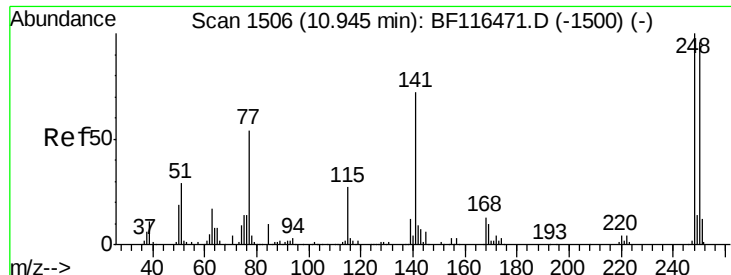


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





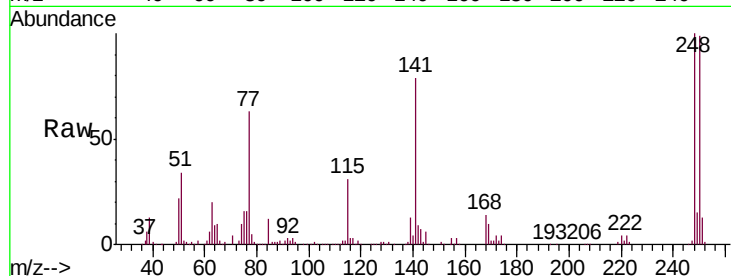
#67
4-Bromophenyl-phenylether
Concen: 55.621 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.6
141	78.8	57.4	86.0

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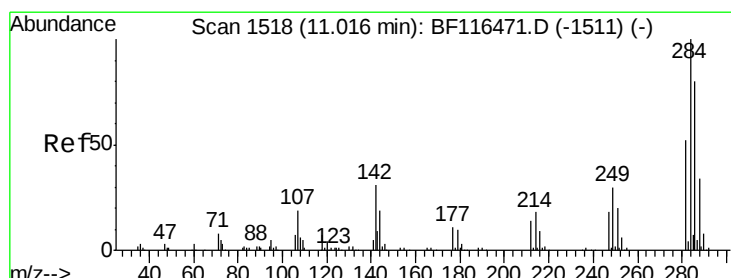
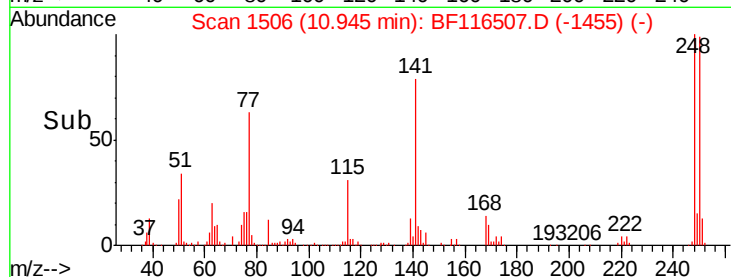
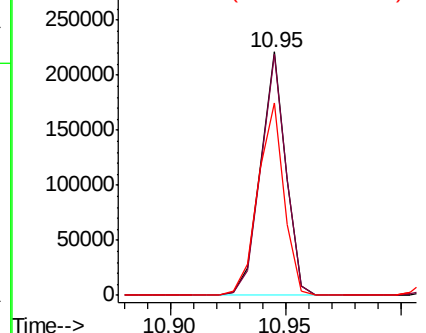


Abundance

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: 52.638 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

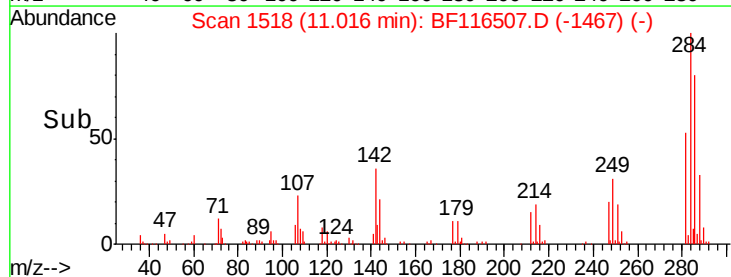
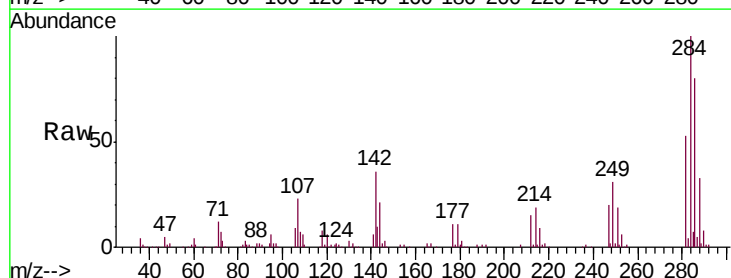
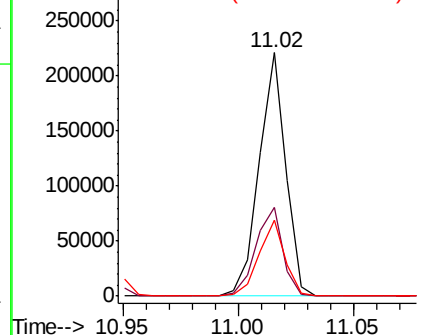
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	24.6	36.8
249	31.0	24.1	36.1

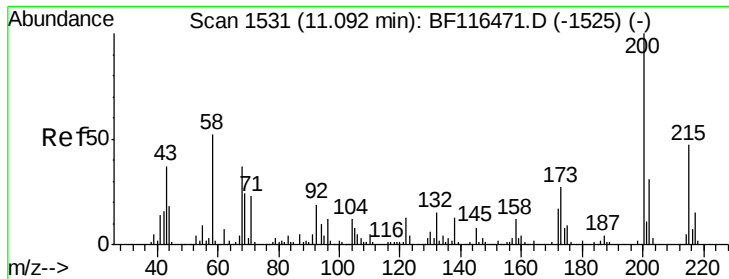
Abundance

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





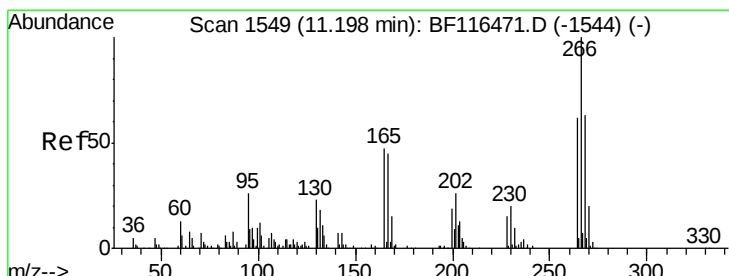
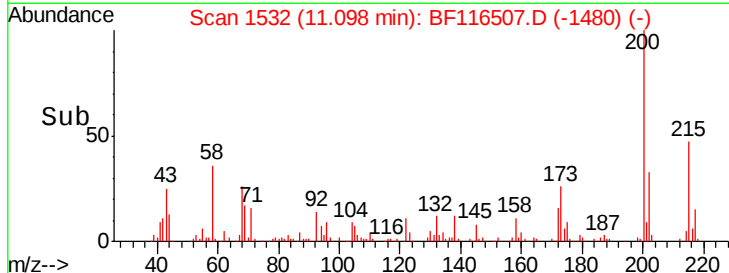
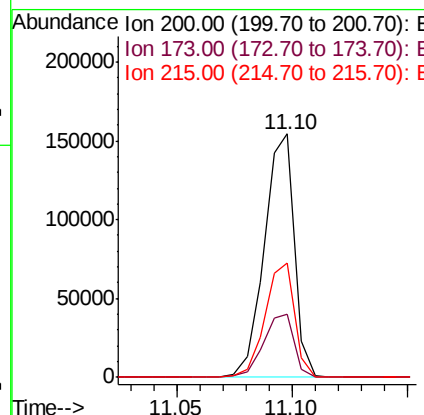
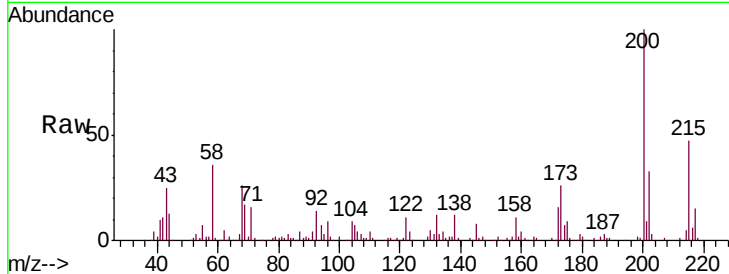
#69
Atrazine
Concen: 49.552 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.3	47.3
215	47.0	26.7	66.7

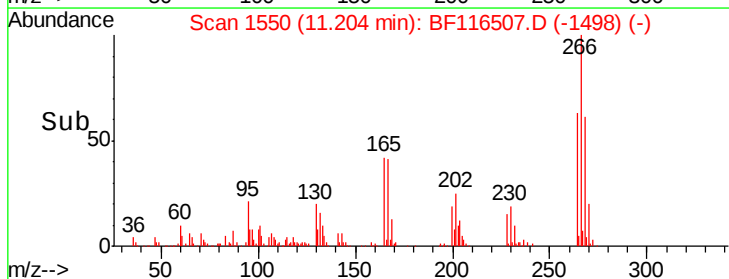
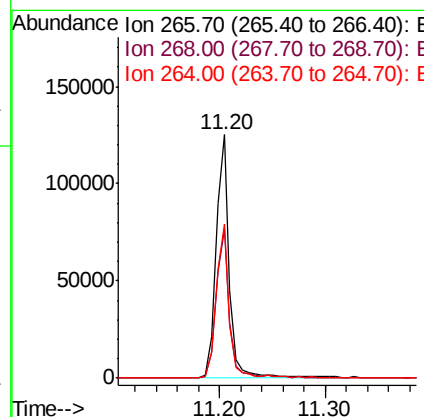
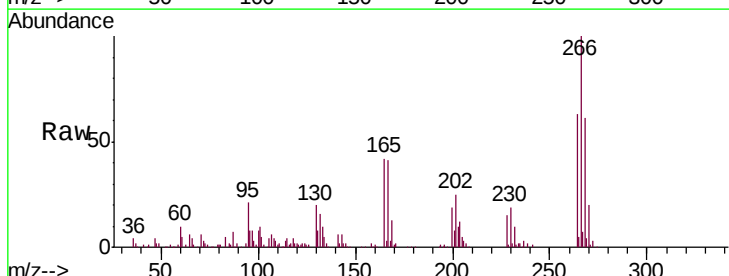
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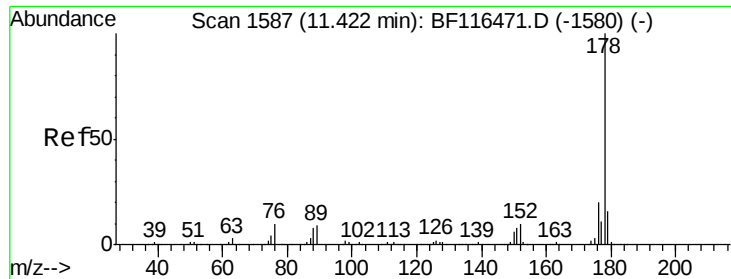
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#70
Pentachlorophenol
Concen: 56.282 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	50.7	76.1
264	63.2	50.0	75.0





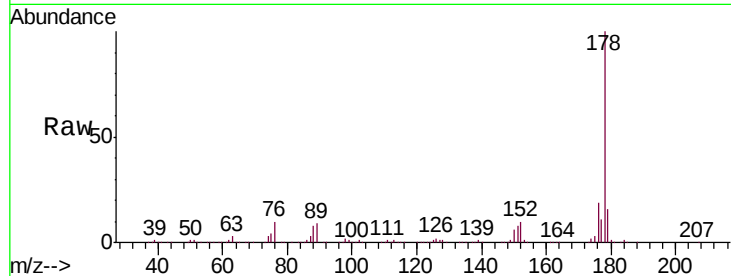
#71
Phenanthrene
Concen: 53.153 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

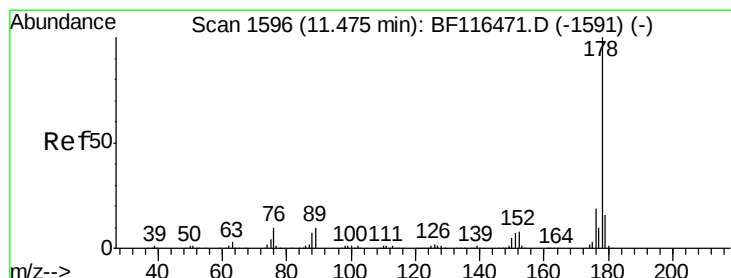
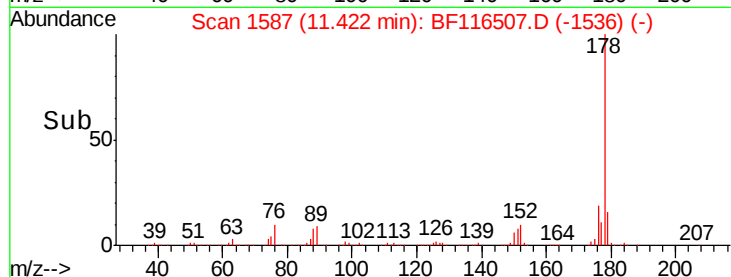
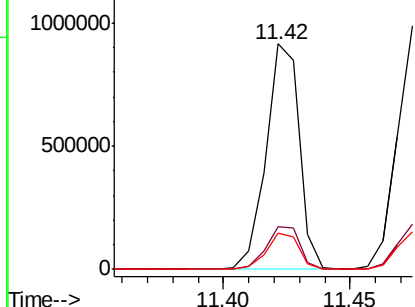
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.9	12.8	19.2

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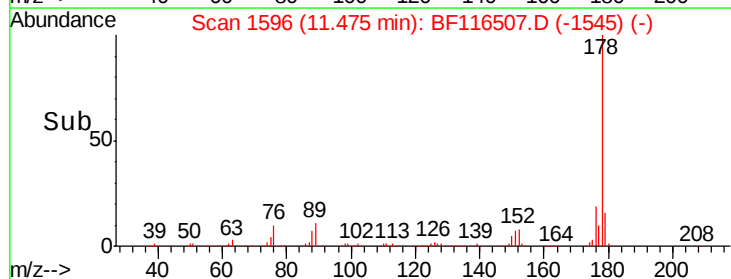
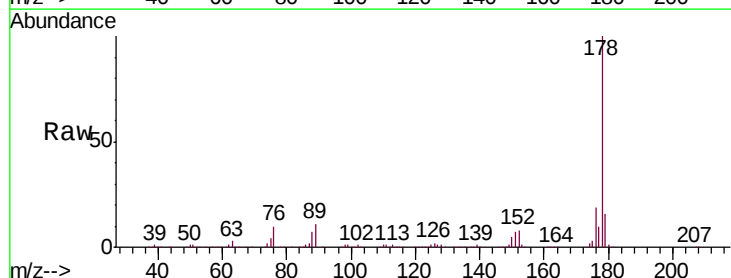
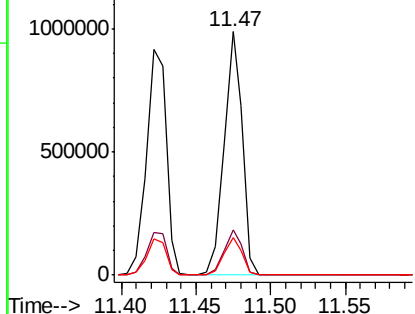
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 53.573 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.5	12.5	18.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





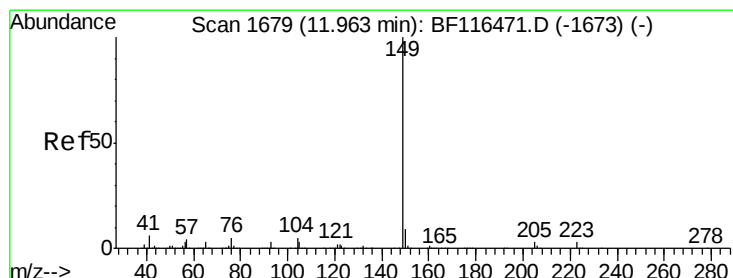
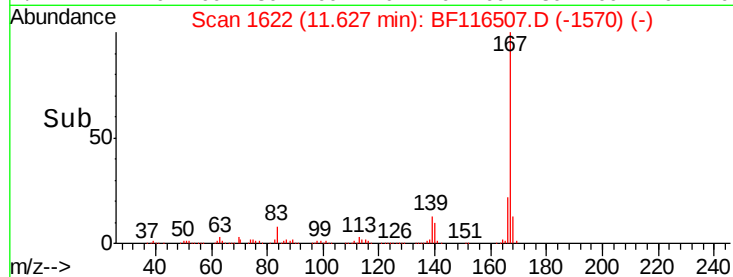
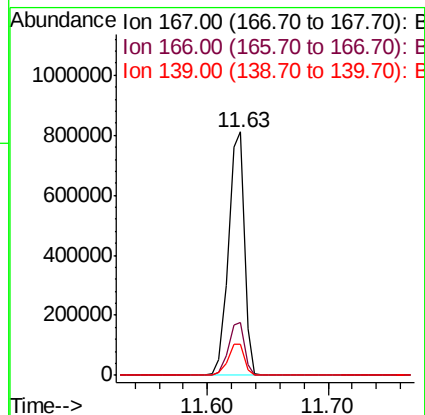
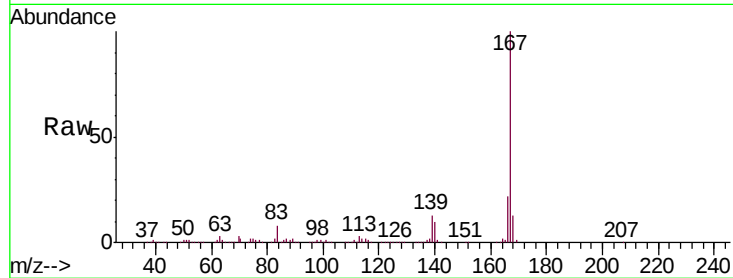
#73
 Carbazole
 Concen: 51.765 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.0	10.9	16.3

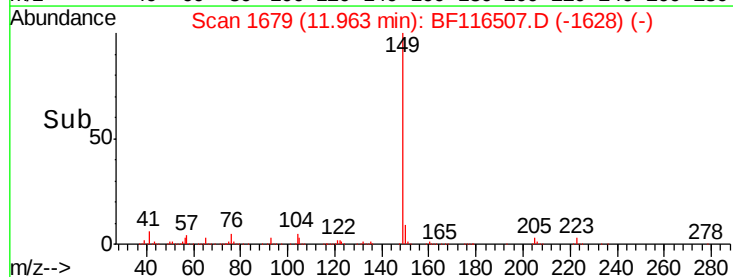
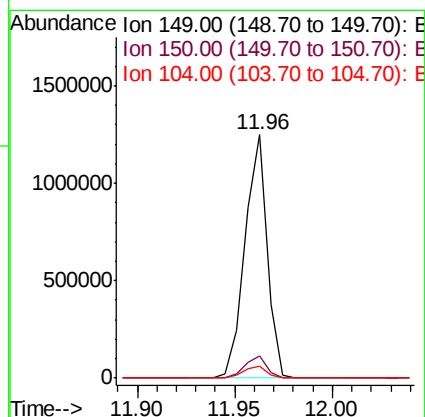
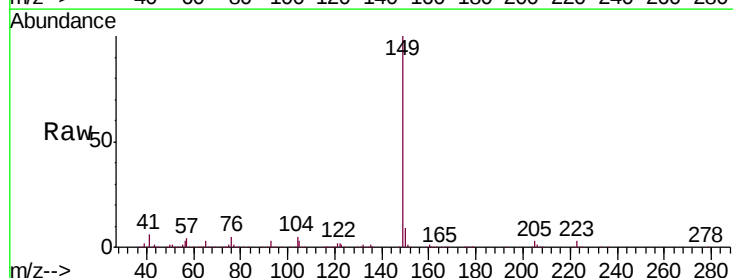
Manual Integrations
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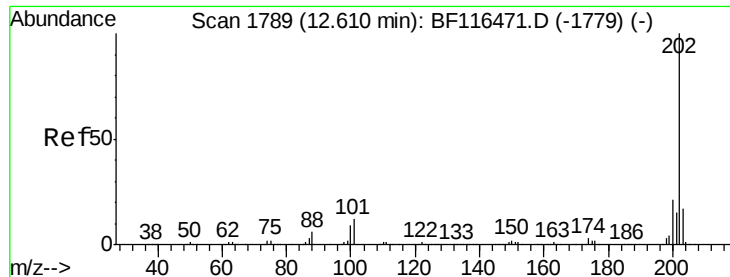
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#74
 Di-n-butylphthalate
 Concen: 55.593 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1





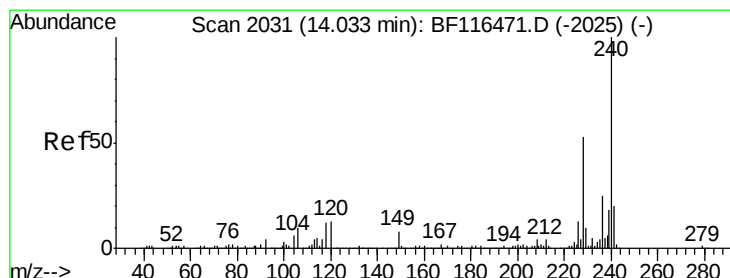
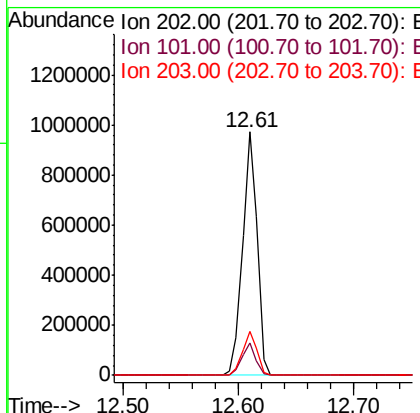
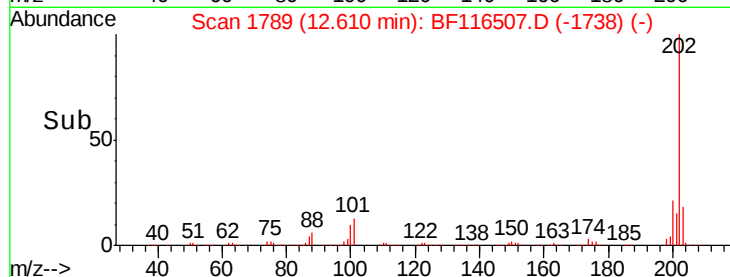
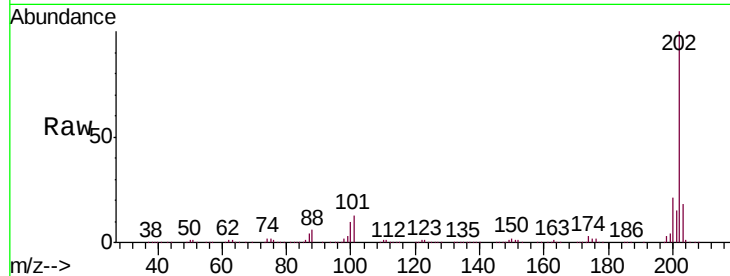
#75
Fluoranthene
Concen: 51.782 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	31.5
203	18.3	0.0	37.5

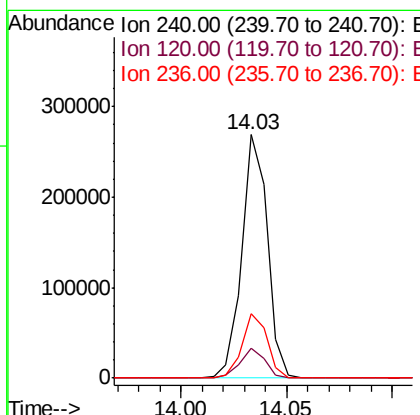
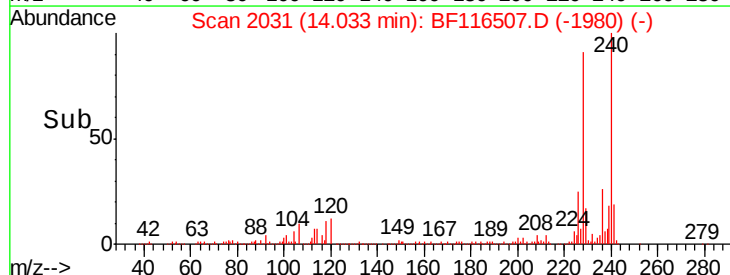
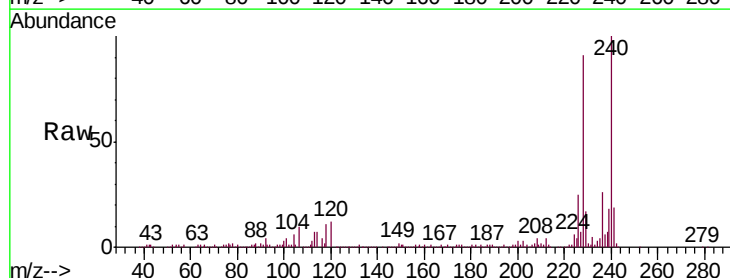
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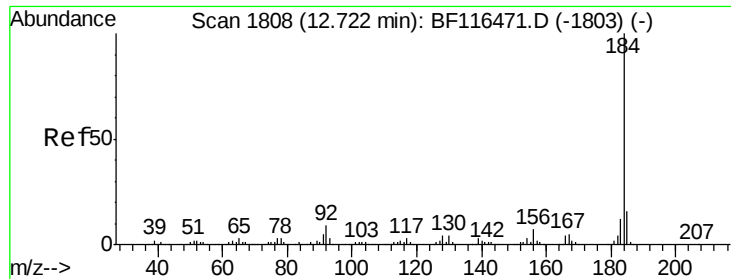
Jagrut
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	10.5	15.7
236	26.4	20.2	30.2





#77

Benzidine

Concen: 31.145 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116507.D

Acq: 24 Aug 2019 7:48

Instrument :

BNA_F

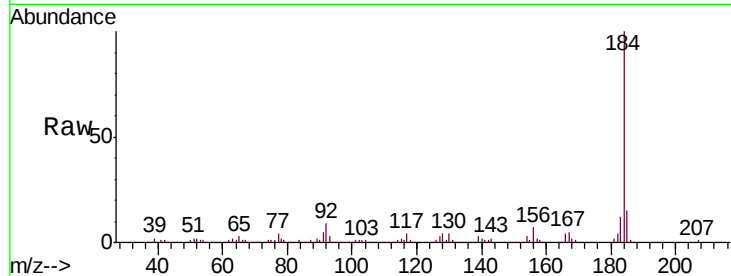
ClientSampleId :

SB-02-COMPMS

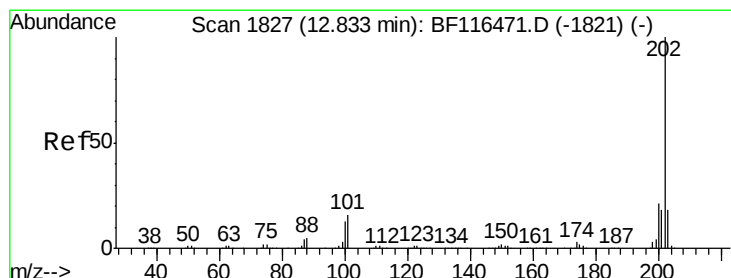
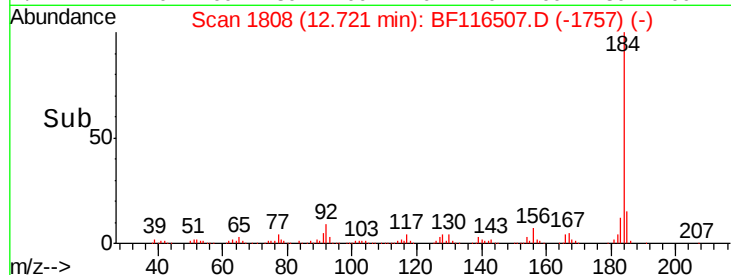
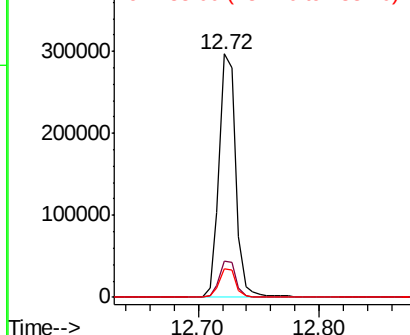
Tot Ion:	184	Resp:	282484
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.0	19.4
183	11.6	9.8	14.6

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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: 47.806 ng

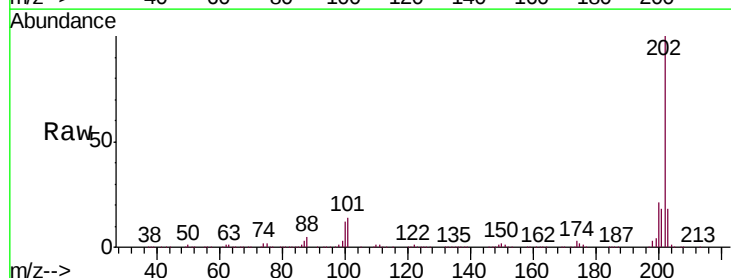
RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

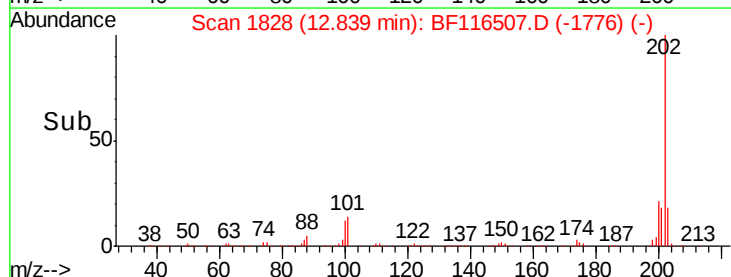
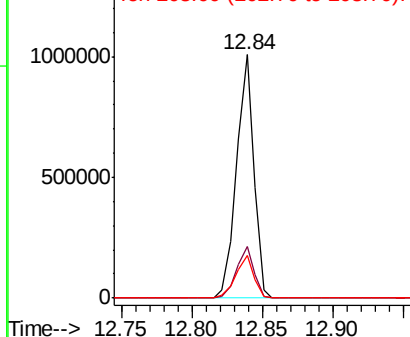
Lab File: BF116507.D

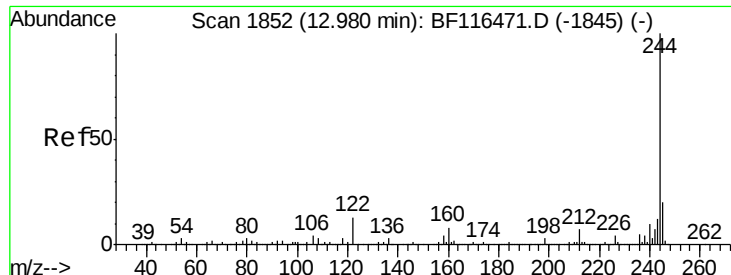
Acq: 24 Aug 2019 7:48

Tgt Ion:	202	Resp:	861851
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	17.7	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





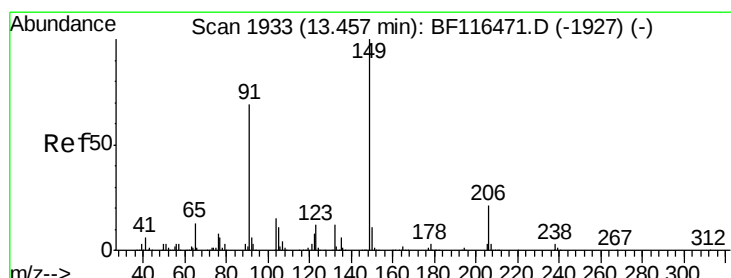
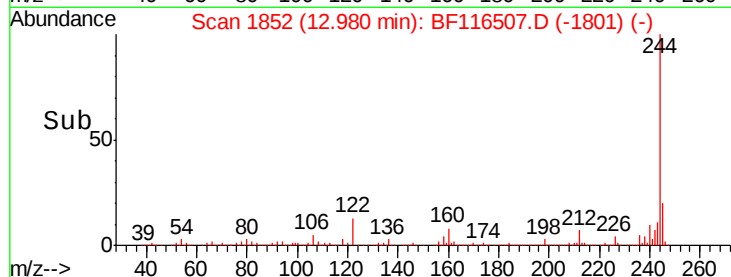
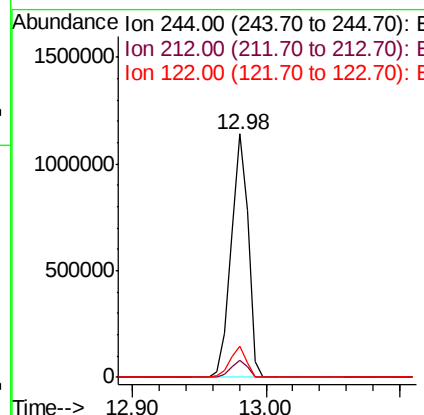
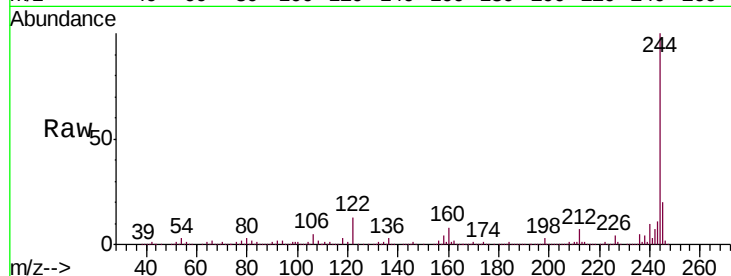
#79
 Terphenyl-d14
 Concen: 85.287 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.8	10.2	15.4

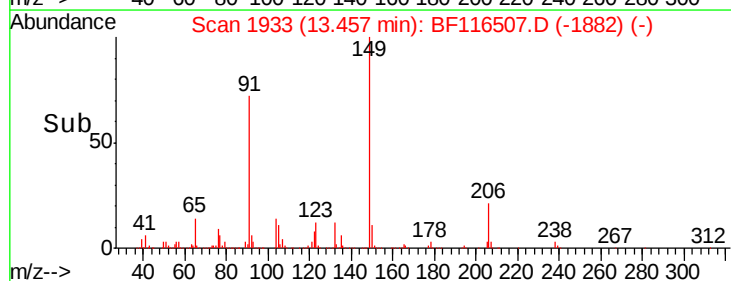
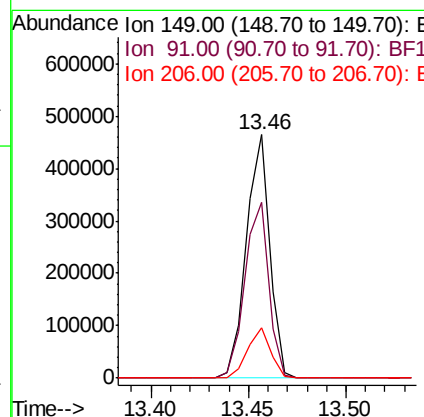
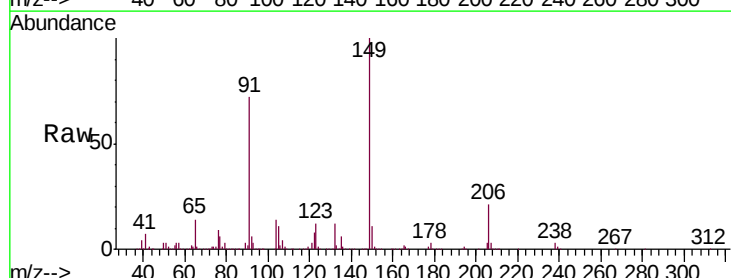
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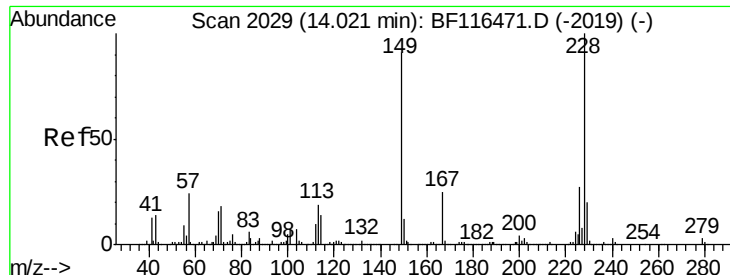
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#80
 Butylbenzylphthalate
 Concen: 49.614 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	54.9	82.3
206	20.8	16.6	24.8





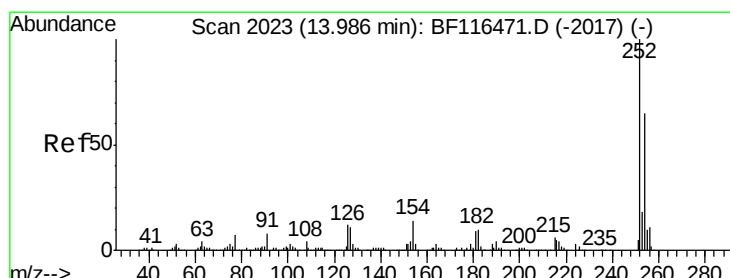
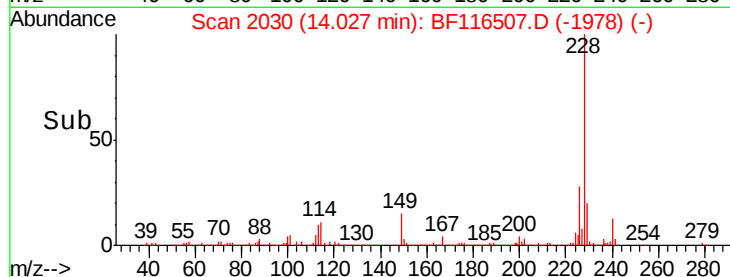
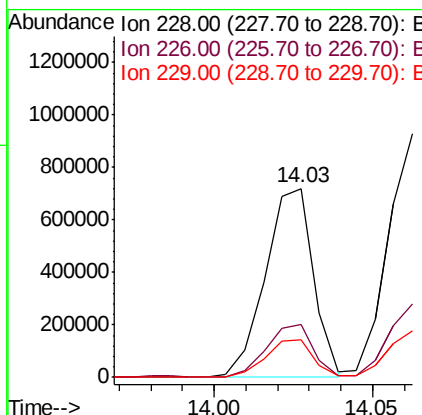
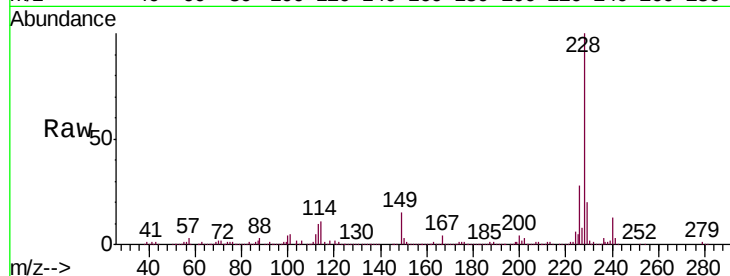
#81
Benzo(a)anthracene
Concen: 52.125 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	19.8	15.9	23.9

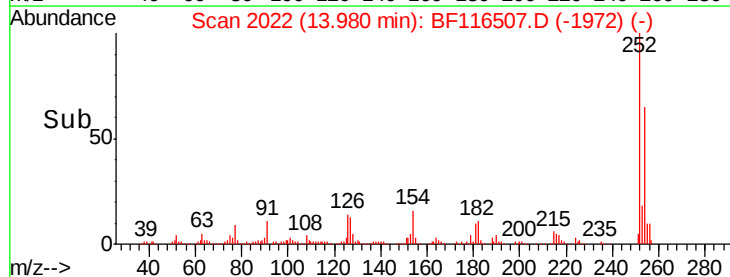
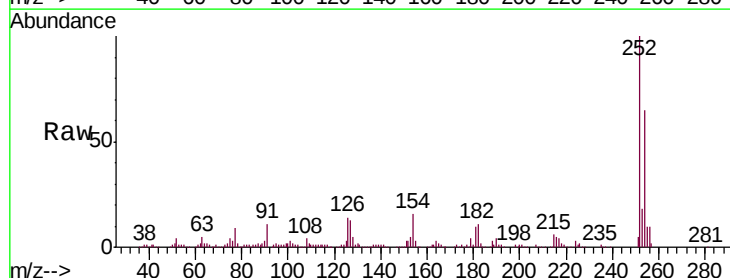
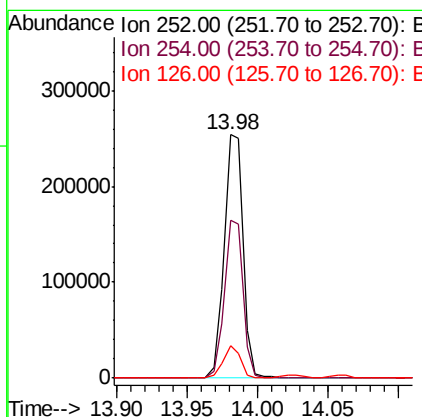
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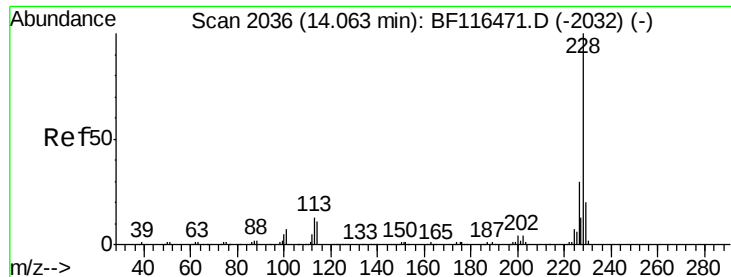
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#82
3,3'-Dichlorobenzidine
Concen: 45.321 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	13.5	9.4	14.0





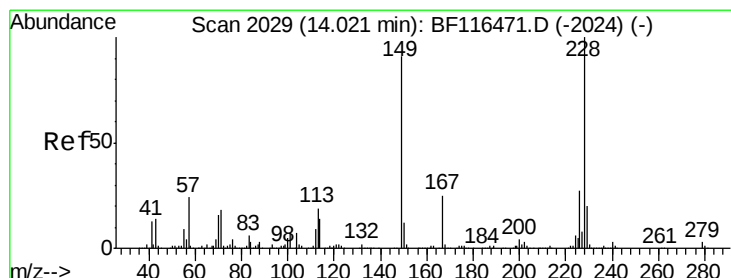
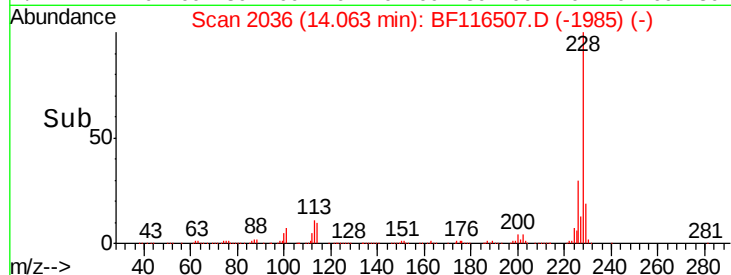
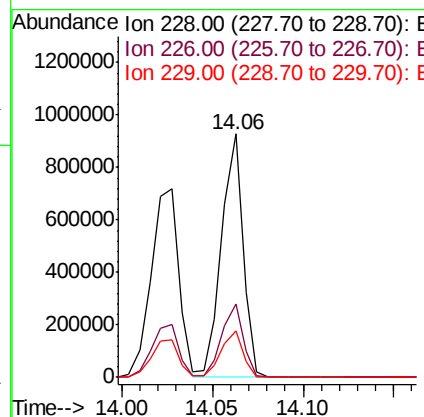
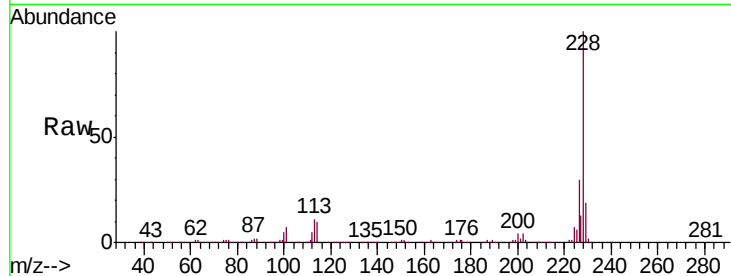
#83
 Chrvsene
 Concen: 52.028 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.3	15.8	23.6

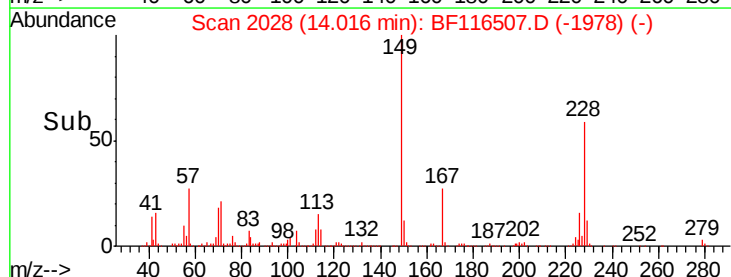
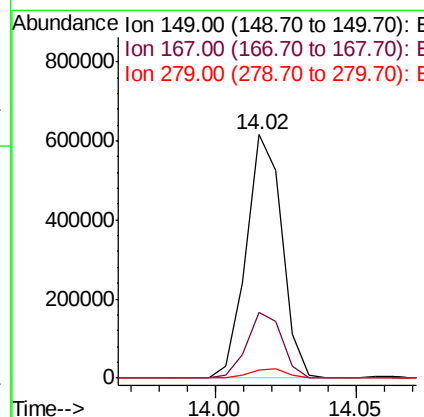
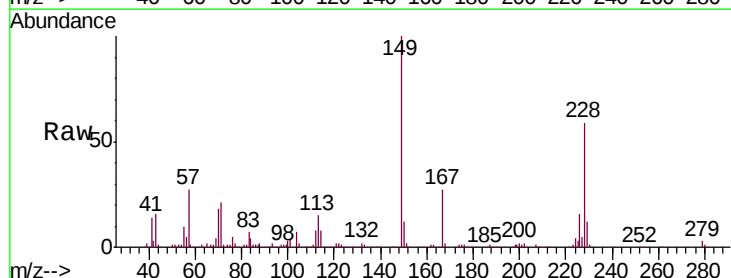
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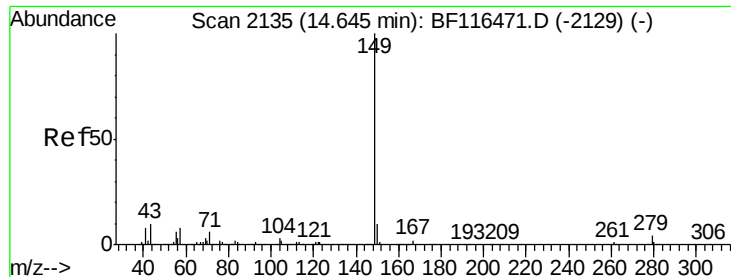
Jagrut
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.933 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116507.D
 Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	3.3	3.0	4.4





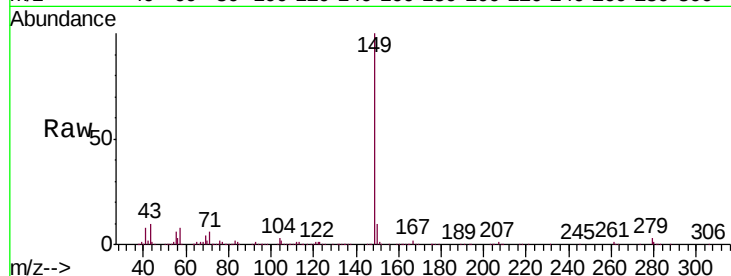
#85
Di-n-octyl phthalate
Concen: 54.578 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

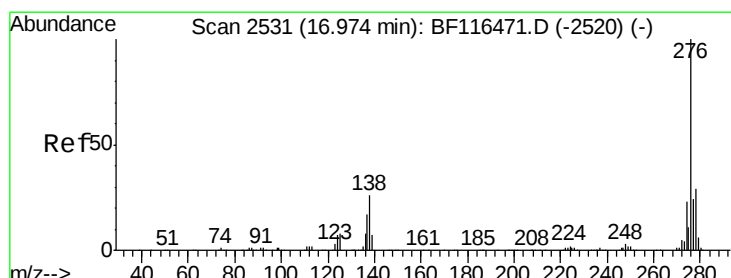
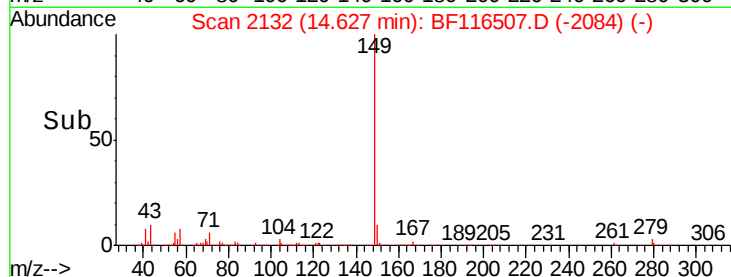
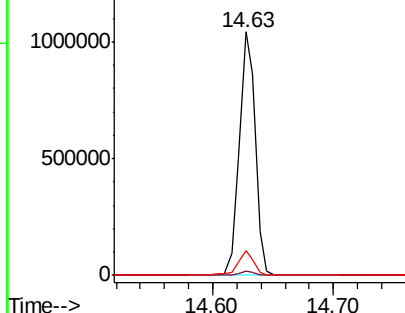
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.7	7.8	11.8

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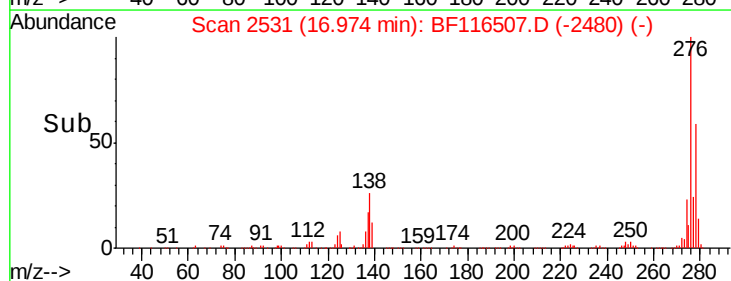
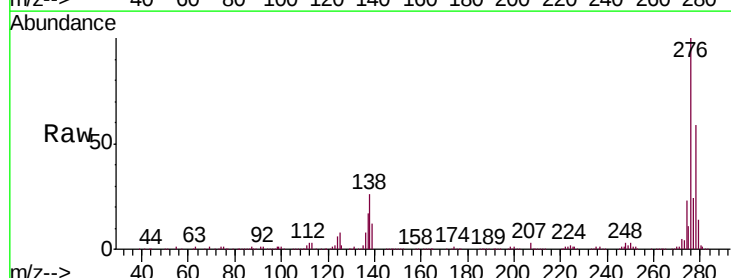
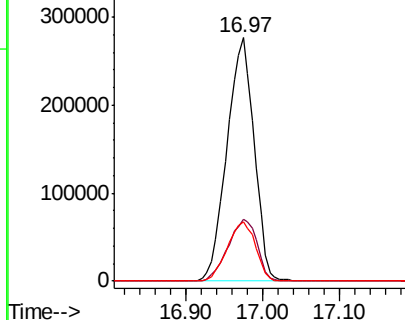
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

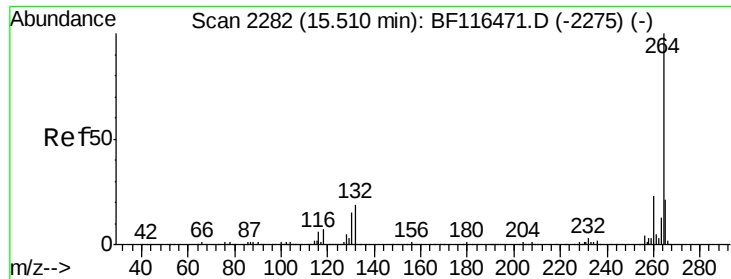


#86
Indeno(1,2,3-cd)pyrene
Concen: 53.810 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.3	22.9	34.3
277	25.2	19.9	29.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





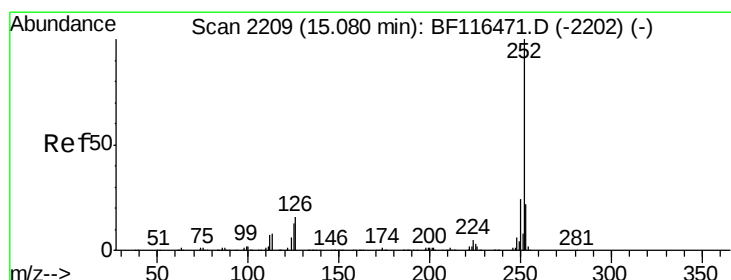
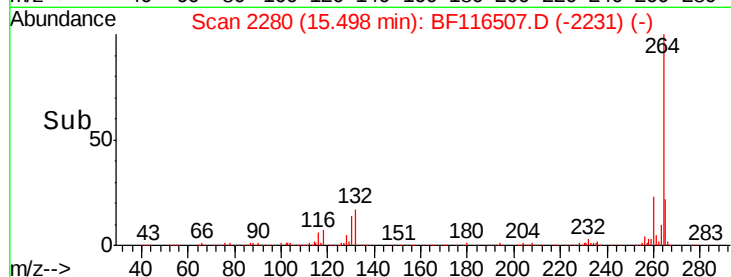
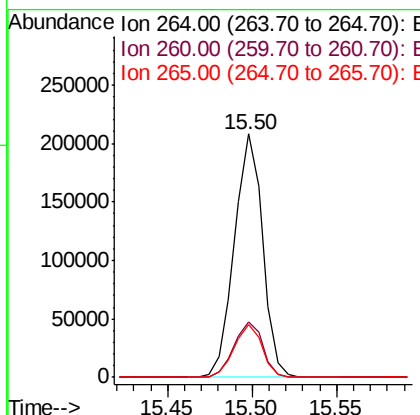
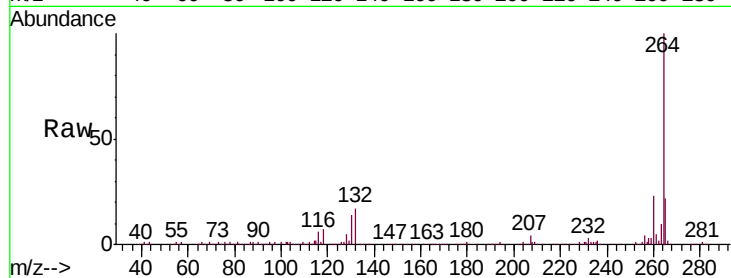
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.8	28.2
265	21.7	17.1	25.7

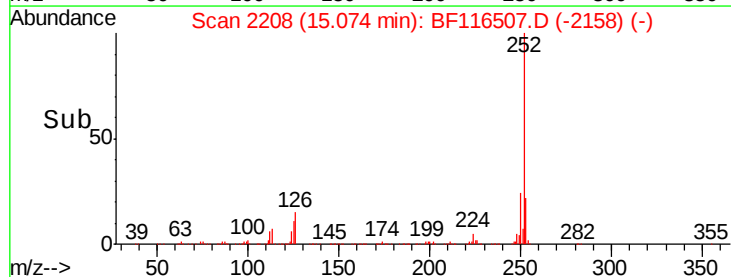
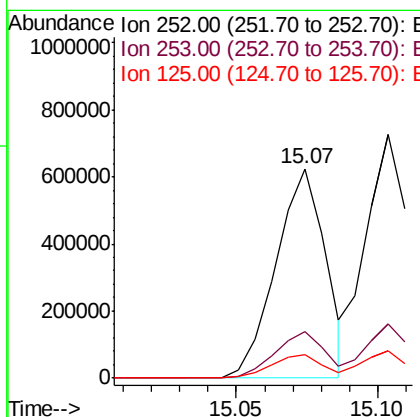
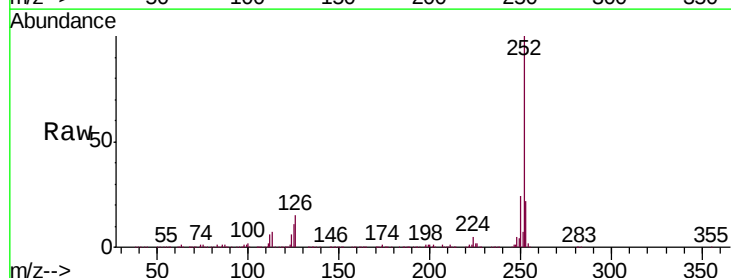
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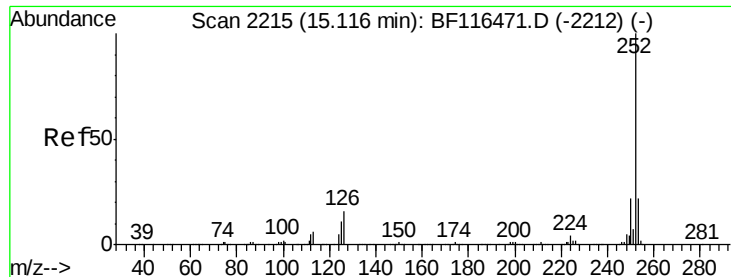
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#88
Benzo(b)fluoranthene
Concen: 51.052 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.1	10.1	15.1





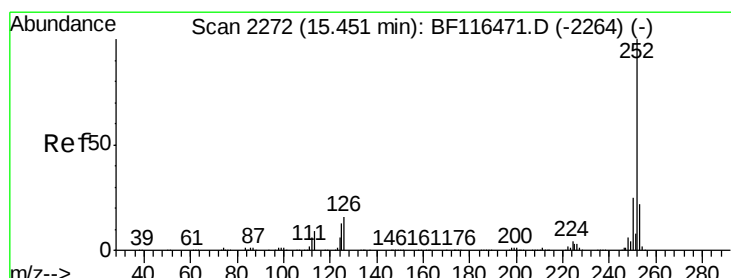
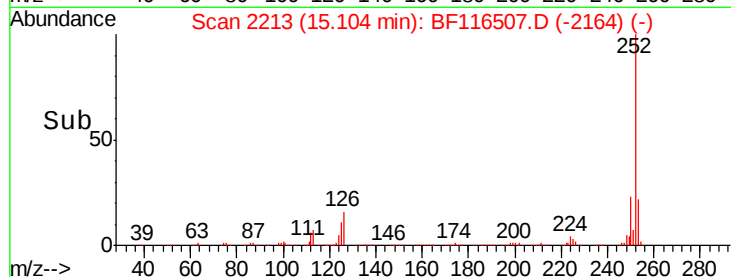
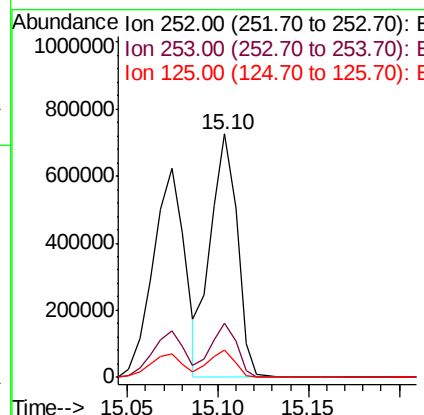
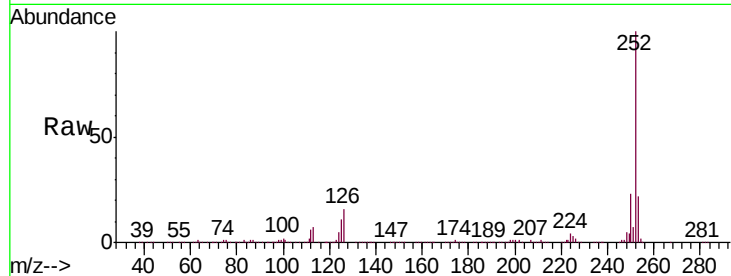
#89
Benzo(k)fluoranthene
Concen: 54.838 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	741511		
253	22.0	17.4	26.2	
125	11.5	9.1	13.7	

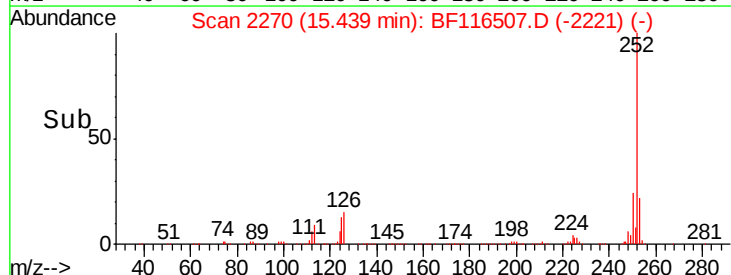
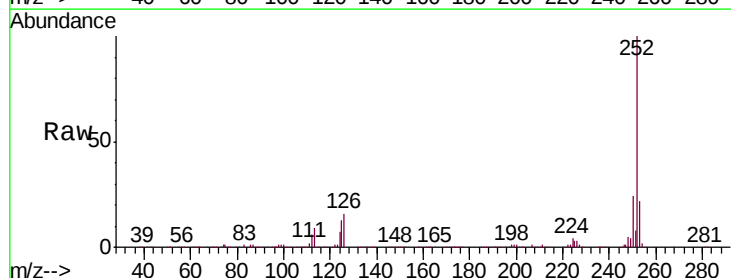
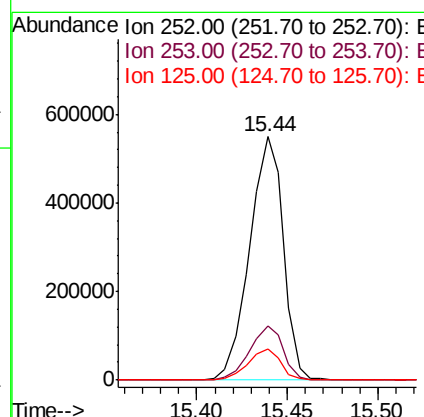
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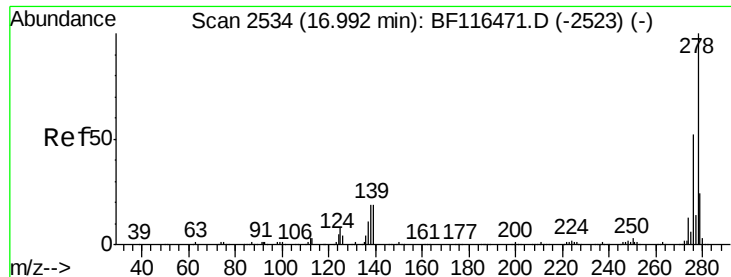
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#90
Benzo(a)pyrene
Concen: 53.794 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	709611		
253	22.1	17.2	25.8	
125	12.6	10.2	15.4	





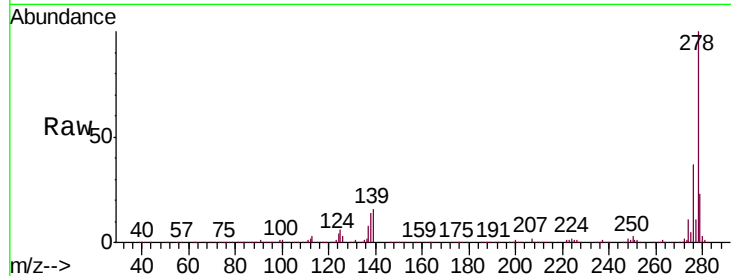
#91
Dibenzo(a,h)anthracene
Concen: 53.142 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

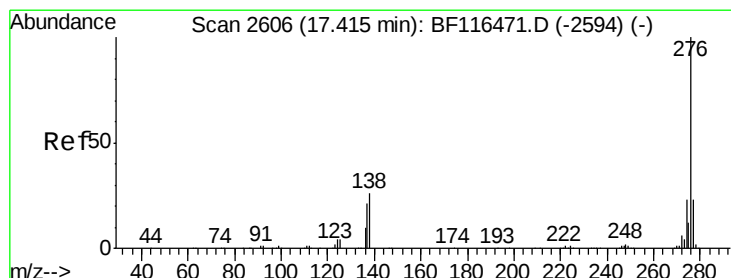
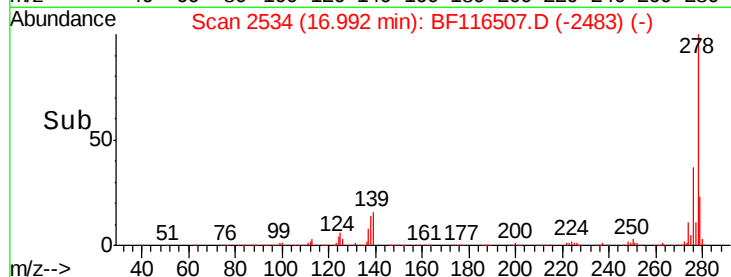
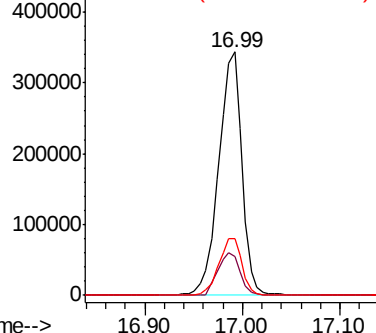
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.3	22.9
279	23.1	19.0	28.6

Manual Integrations
APPROVED

Jagrut
8/28/2019 8:09:10 AM

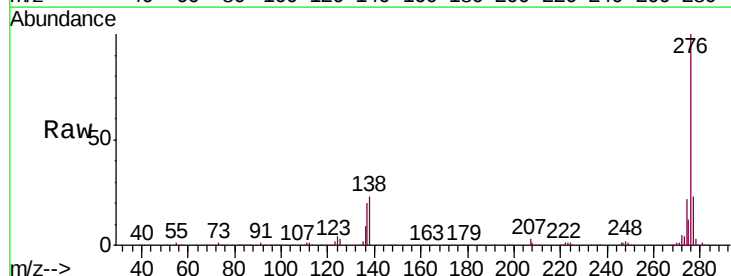


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.221 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BF116507.D
Acq: 24 Aug 2019 7:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.7	28.1
138	22.7	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

