

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116481.D
 Acq On : 23 Aug 2019 17:06
 Operator : HP/JU
 Sample : PB122393BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Manual Integrations
 APPROVED

Jagrut
 8/28/2019 8:09:38 AM

Quant Time: Aug 24 06:15:39 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	109042	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	435264	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	214152	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	337282	20.00	ng	0.00
76) Chrysene-d12	14.03	240	191485	20.00	ng	0.00
87) Perylene-d12	15.49	264	190007	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	713043	95.55	ng	0.01
7) Phenol-d6	6.51	99	887857	97.03	ng	0.00
23) Nitrobenzene-d5	7.44	82	509321	64.02	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	188046	102.26	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	895719	67.36	ng	0.00
79) Terphenyl-d14	12.98	244	749934	73.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	132242	40.927	ng	98
3) Pyridine	3.50	79	323033	32.829	ng	100
4) n-Nitrosodimethylamine	3.45	42	142514	39.675	ng	99
6) Aniline	6.55	93	396685	32.021	ng	99
8) 2-Chlorophenol	6.67	128	307232	39.231	ng	97
9) Benzaldehyde	6.43	77	248232	40.601	ng	97
10) Phenol	6.52	94	369263m	37.162	ng	
11) bis(2-Chloroethyl)ether	6.62	93	298912	39.508	ng	99
12) 1,3-Dichlorobenzene	6.83	146	332293	39.202	ng	97
13) 1,4-Dichlorobenzene	6.90	146	339787	41.650	ng	98
14) 1,2-Dichlorobenzene	7.06	146	314164	40.821	ng	99
15) Benzyl Alcohol	7.02	79	283484	38.282	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	386074	36.907	ng	99
17) 2-Methylphenol	7.13	107	255876	39.435	ng	99
18) Hexachloroethane	7.40	117	125992	39.599	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	226808	36.325	ng	98
20) 3+4-Methylphenols	7.28	107	317043	39.886	ng	98
22) Acetophenone	7.29	105	431014	39.601	ng	# 92
24) Nitrobenzene	7.46	77	336815	40.880	ng	95
25) Isophorone	7.70	82	600771	38.319	ng	98
26) 2-Nitrophenol	7.78	139	147087	48.874	ng	91
27) 2,4-Dimethylphenol	7.81	122	268426	42.747	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	363150	37.507	ng	99
29) 2,4-Dichlorophenol	8.02	162	241733	40.479	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	275354	40.958	ng	99
31) Naphthalene	8.19	128	871535	41.391	ng	100
32) Benzoic acid	7.92	122	164563	40.993	ng	95
33) 4-Chloroaniline	8.23	127	190828	20.644	ng	98
34) Hexachlorobutadiene	8.31	225	150360	41.010	ng	100
35) Caprolactam	8.59	113	72497m	34.852	ng	
36) 4-Chloro-3-methylphenol	8.70	107	256651	38.090	ng	94
37) 2-Methylnaphthalene	8.87	142	576044	39.844	ng	98
38) 1-Methylnaphthalene	8.97	142	534201	39.555	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	241320	41.884	ng	98

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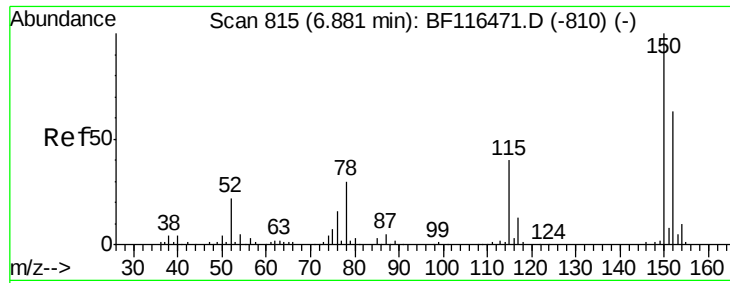
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	285557	92.117	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	164356	40.759	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	176995	43.138	ng	94
46) 1,1'-Biphenyl	9.34	154	696908	40.703	ng	99
47) 2-Chloronaphthalene	9.36	162	526755	39.684	ng	99
48) 2-Nitroaniline	9.45	65	151129	37.185	ng	98
49) Acenaphthylene	9.78	152	803476	41.373	ng	99
50) Dimethylphthalate	9.63	163	572251	38.299	ng	100
51) 2,6-Dinitrotoluene	9.69	165	124588	40.738	ng	99
52) Acenaphthene	9.95	154	528718	42.428	ng	100
53) 3-Nitroaniline	9.86	138	90251	24.757	ng	93
54) 2,4-Dinitrophenol	9.96	184	81387	69.232	ng	# 1
55) Dibenzofuran	10.12	168	700831	40.346	ng	99
56) 4-Nitrophenol	10.01	139	196715	69.425	ng	96
57) 2,4-Dinitrotoluene	10.09	165	160389	41.215	ng	98
58) Fluorene	10.46	166	531339	39.370	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	136990	40.662	ng	99
60) Diethylphthalate	10.33	149	554403	37.752	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	257335	39.085	ng	99
62) 4-Nitroaniline	10.47	138	120782	33.876	ng	92
63) Azobenzene	10.62	77	601830	39.857	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	60954	44.646	ng	98
66) n-Nitrosodiphenylamine	10.57	169	471807	43.201	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	151059	42.720	ng	98
68) Hexachlorobenzene	11.02	284	157068	40.161	ng	98
69) Atrazine	11.09	200	130399	39.851	ng	99
70) Pentachlorophenol	11.20	266	184585	80.894	ng	99
71) Phenanthrene	11.42	178	766704	41.728	ng	99
72) Anthracene	11.47	178	780963	42.299	ng	100
73) Carbazole	11.62	167	646983	39.039	ng	100
74) Di-n-butylphthalate	11.96	149	800538	38.982	ng	100
75) Fluoranthene	12.61	202	717636	37.778	ng	100
77) Benzidine	12.72	184	290823	37.749	ng	97
78) Pyrene	12.83	202	709619	46.340	ng	99
80) Butylbenzylphthalate	13.46	149	288271	43.589	ng	99
81) Benzo(a)anthracene	14.02	228	510899	41.196	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	153730	34.784	ng	97
83) Chrysene	14.06	228	511983	40.730	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	380055	43.098	ng	100
85) Di-n-octyl phthalate	14.63	149	627480	41.912	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	545473	50.658	ng	99
88) Benzo(b)fluoranthene	15.07	252	464529	39.576	ng	98
89) Benzo(k)fluoranthene	15.10	252	456323	42.913	ng	99
90) Benzo(a)pyrene	15.43	252	451399	43.513	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	453173	53.162	ng	98
92) Benzo(g,h,i)perylene	17.40	276	465236	57.248	ng	97

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



#1

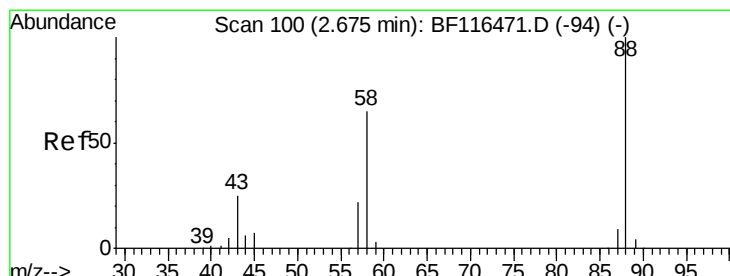
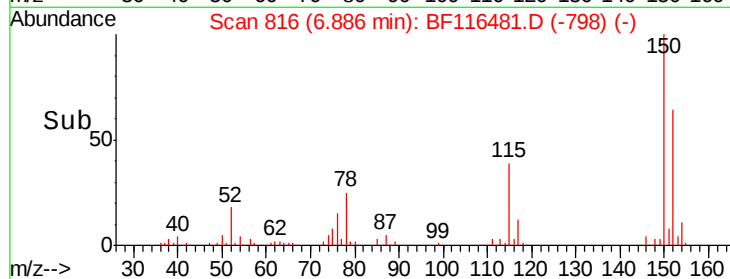
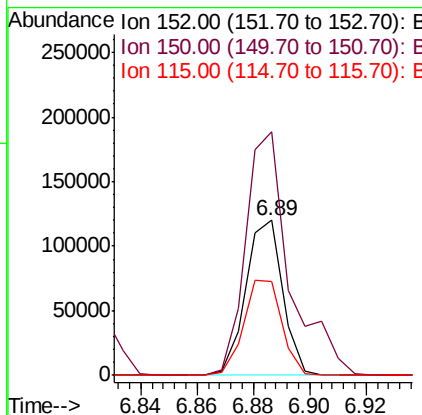
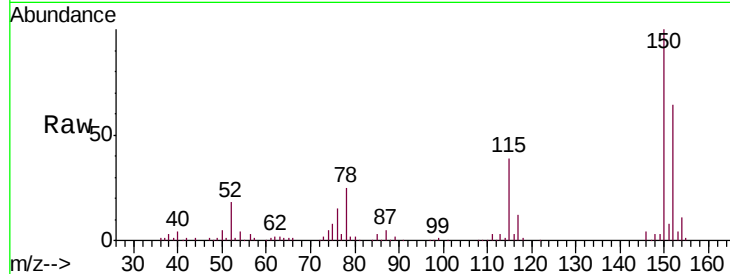
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.7	190.1
115	60.5	50.9	76.3

Manual Integrations
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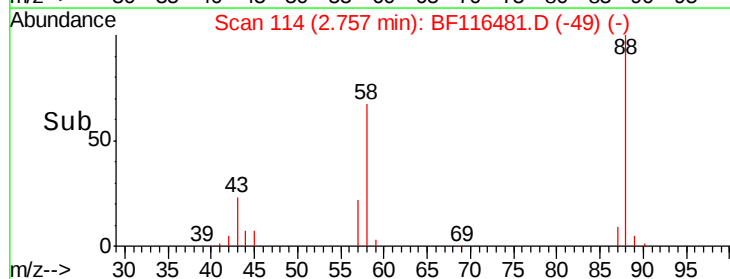
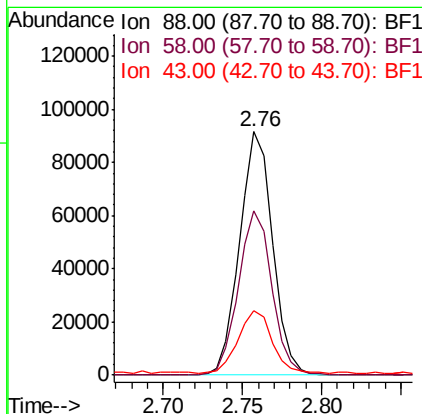
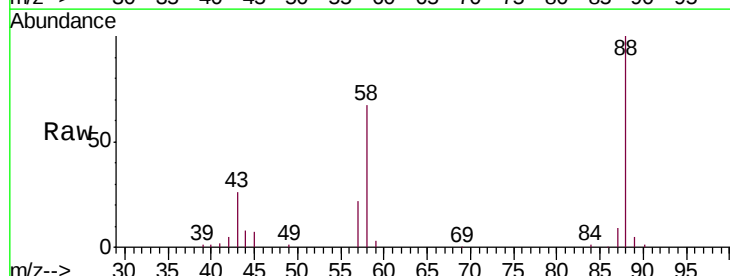
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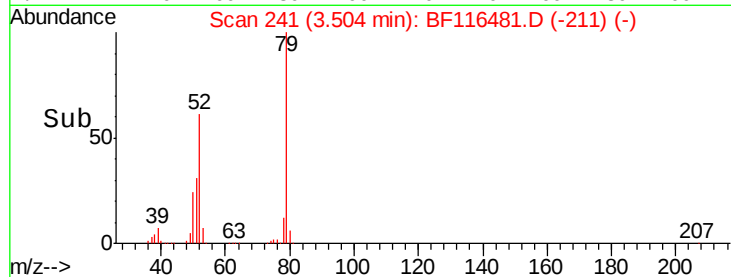
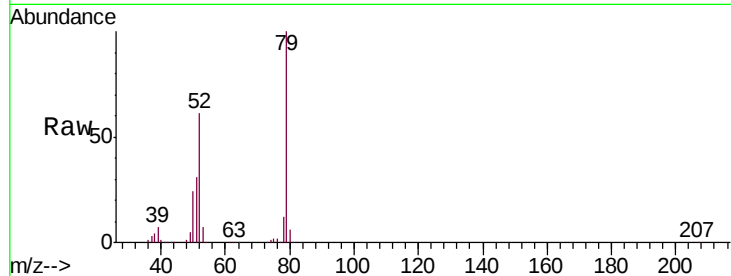
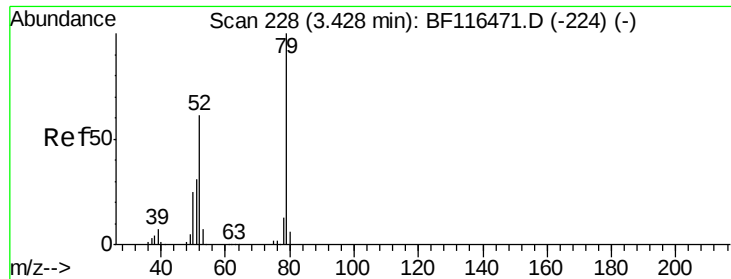


#2

1,4-Dioxane
Concen: 40.927 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.08 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	53.4	80.0
43	26.1	21.2	31.8





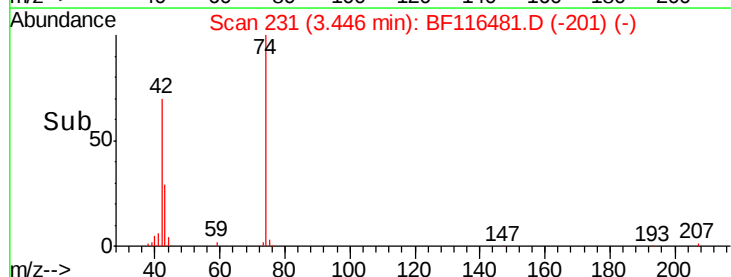
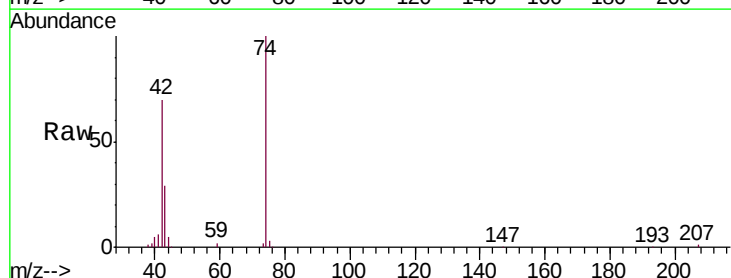
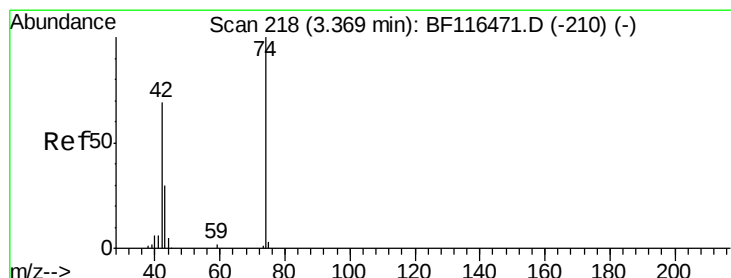
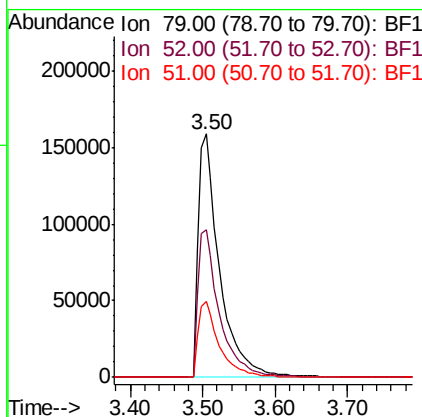
#3
 Pvridine
 Concen: 32.829 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.08 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.7	48.8	73.2
51	31.1	25.2	37.8

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

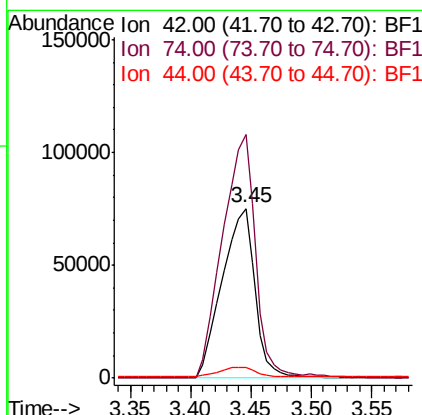
Manual Integrations
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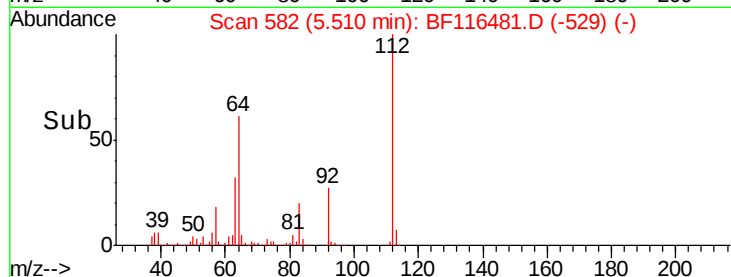
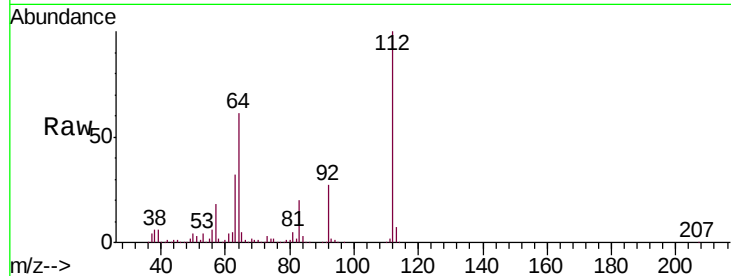
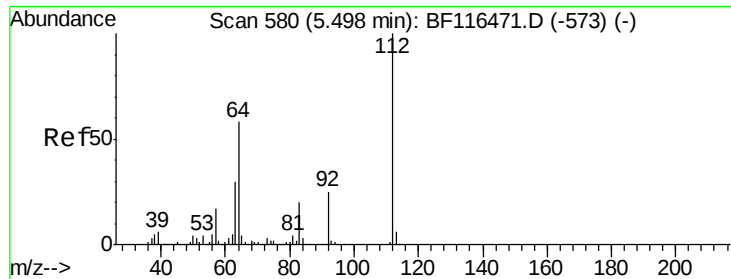
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#4
 n-Nitrosodimethylamine
 Concen: 39.675 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.2	115.3	172.9
44	6.4	5.8	8.8





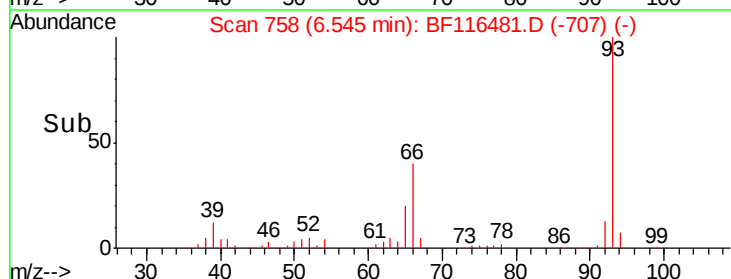
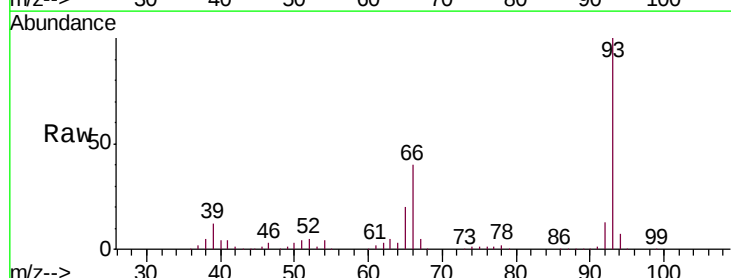
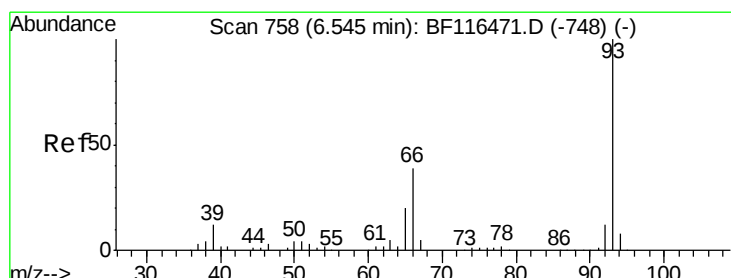
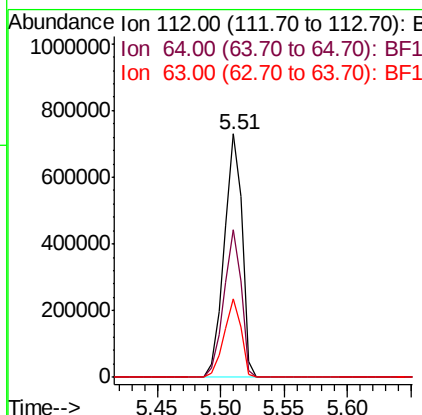
#5
2-Fluorophenol
Concen: 95.547 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tot Ion	Ratio	Resp	Lower	Upper
112	100	713043		
64	60.9	46.3	69.5	
63	32.1	24.2	36.4	

Instrument :
BNA_F
ClientSampleId :
PB122393BS

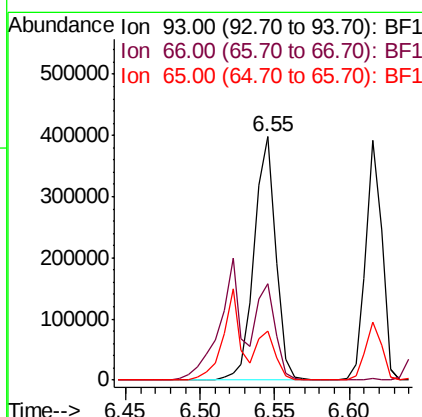
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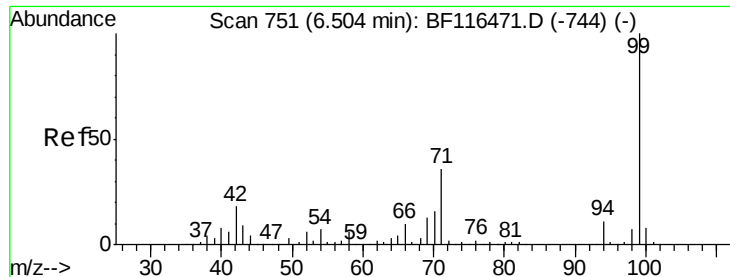
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#6
Aniline
Concen: 32.021 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	396685		
66	39.6	32.2	48.2	
65	20.0	16.3	24.5	





#7

Phenol-d6

Concen: 97.029 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

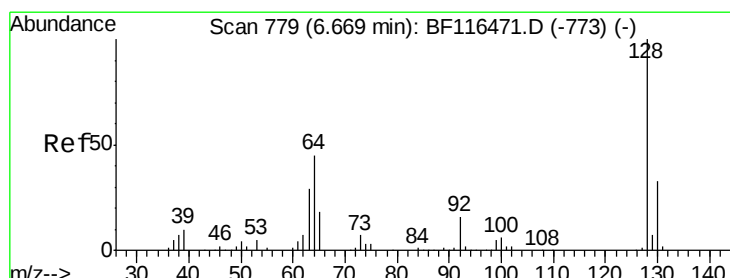
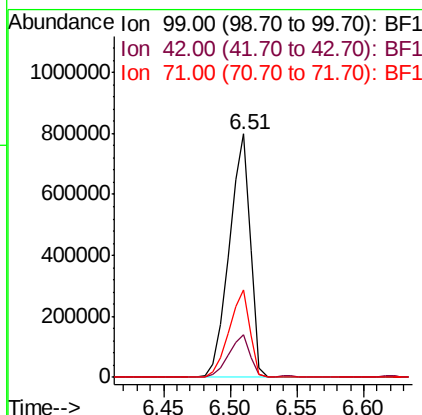
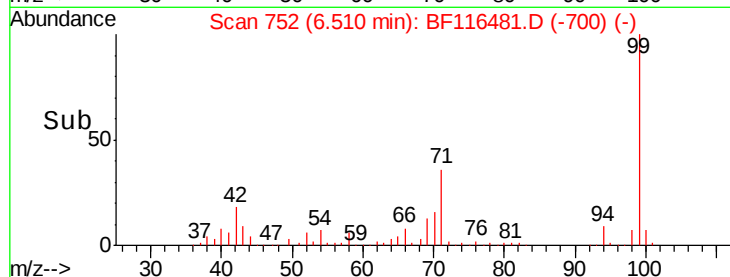
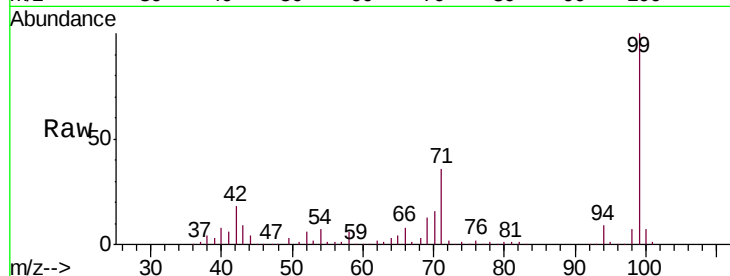
ClientSampled :

PB122393BS

Tot Ion:	99	Resp:	887857
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.6	21.8
71	35.8	28.5	42.7

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#8

2-Chlorophenol

Concen: 39.231 ng

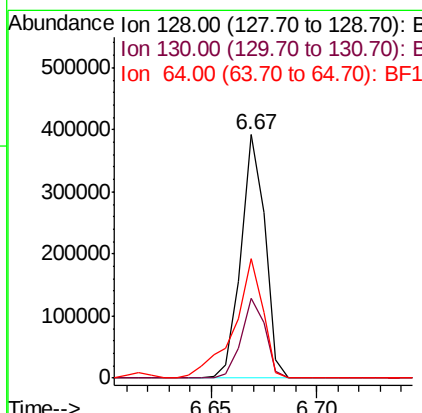
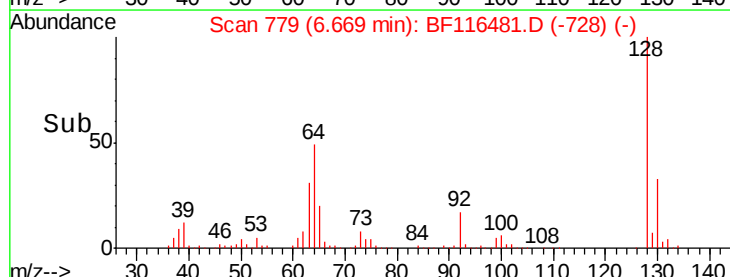
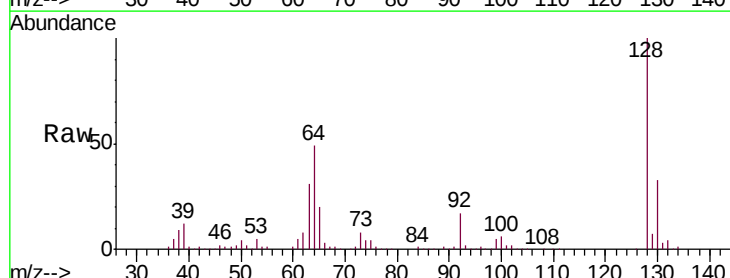
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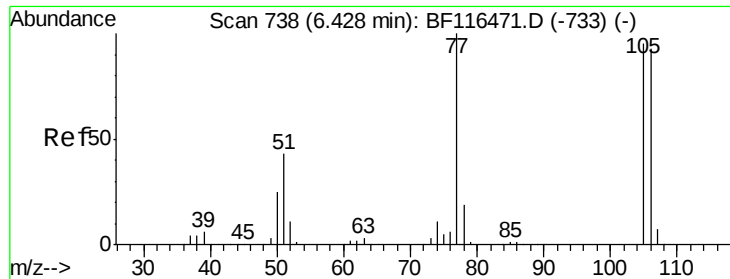
Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:	128	Resp:	307232
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.4	53.4
64	49.1	26.3	66.3





#9

Benzaldehyde

Concen: 40.601 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

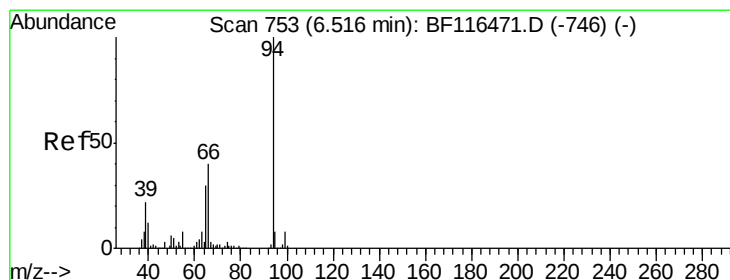
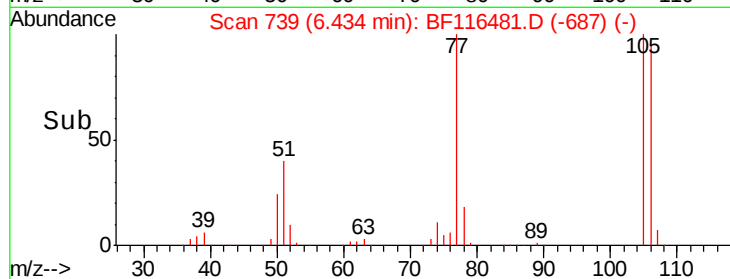
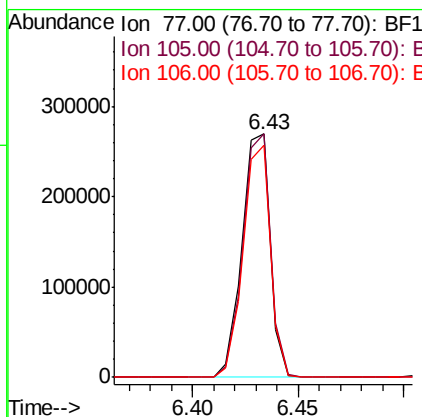
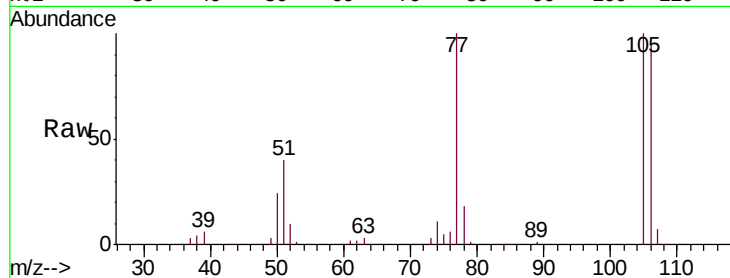
ClientSampleId :

PB122393BS

Tot Ion:	77	Resp:	248232
Ion Ratio	Lower	Upper	
77	100		
105	99.9	75.5	115.5
106	95.3	73.2	113.2

Manual Integrations
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#10

Phenol

Concen: 37.162 ng m

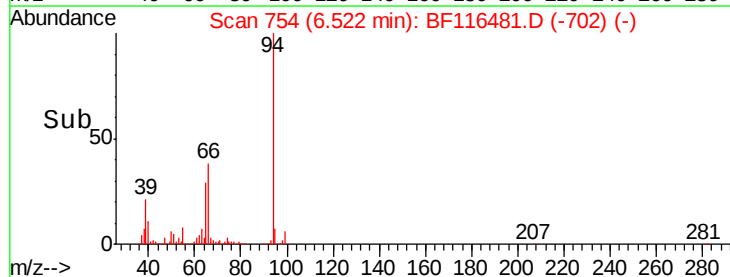
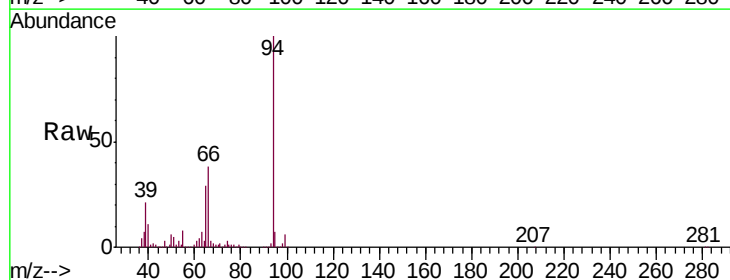
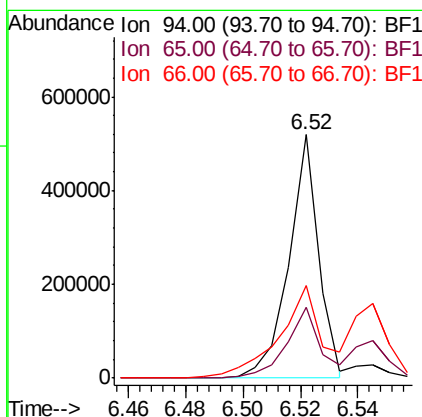
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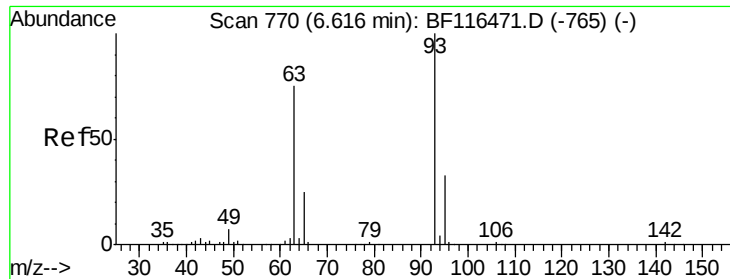
Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:	94	Resp:	369263
Ion Ratio	Lower	Upper	
94	100		
65	29.0	10.0	50.0
66	38.2	19.8	59.8





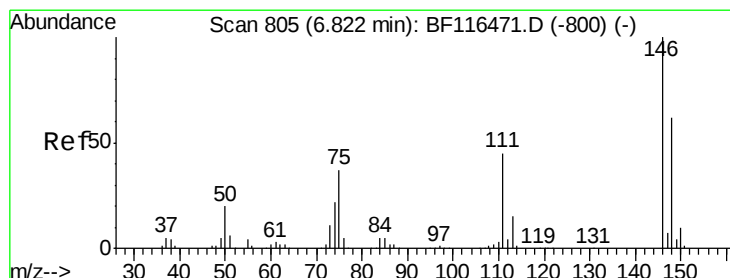
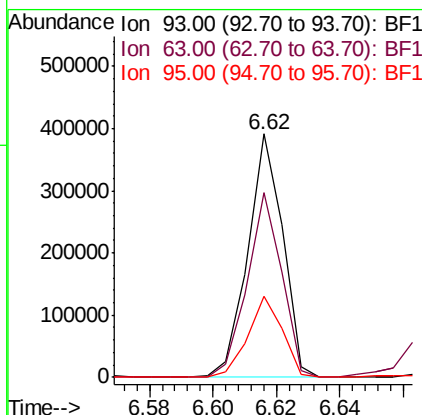
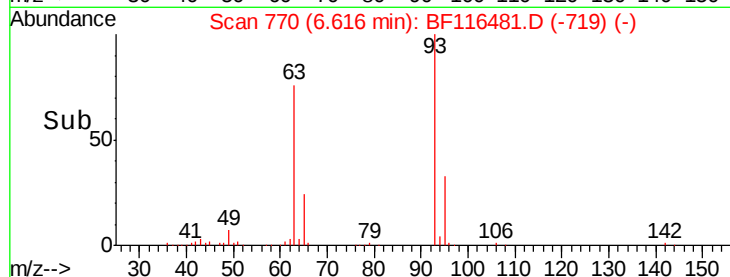
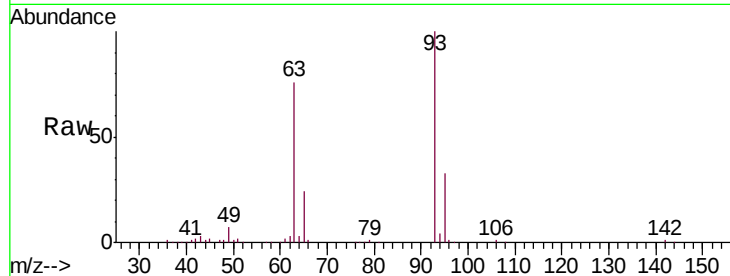
#11
bis(2-Chloroethyl)ether
Concen: 39.508 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	93	Resp	298912
Ion Ratio	Lower	Upper	
93	100		
63	75.8	54.3	94.3
95	33.2	13.3	53.3

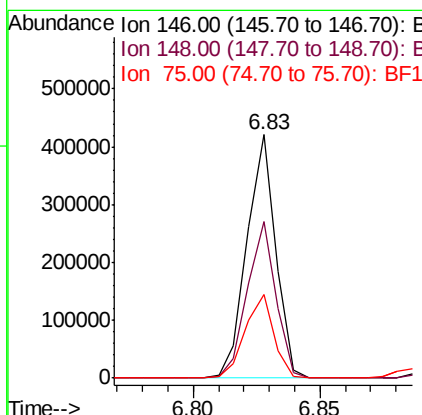
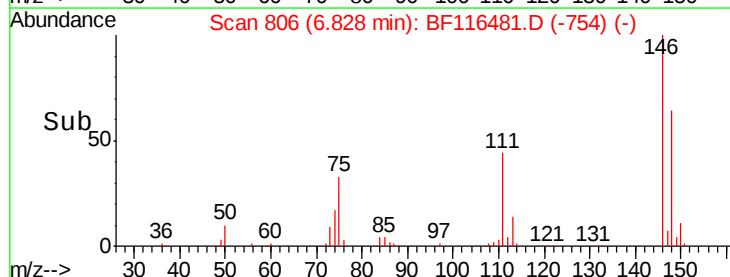
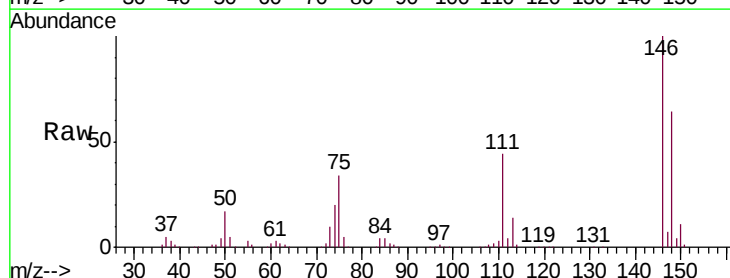
Manual Integrations
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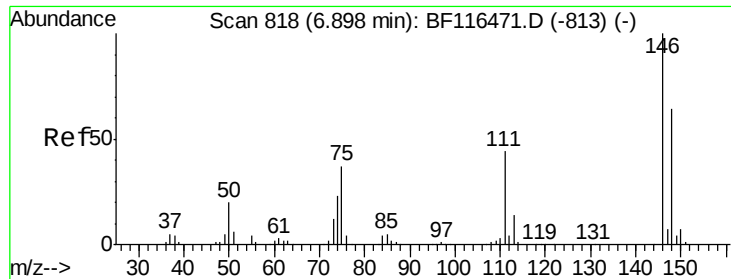
Jagrut
8/28/2019 8:09:38 AM



#12
1,3-Dichlorobenzene
Concen: 39.202 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	146	Resp	332293
Ion Ratio	Lower	Upper	
146	100		
148	64.4	49.8	74.8
75	34.1	29.3	43.9





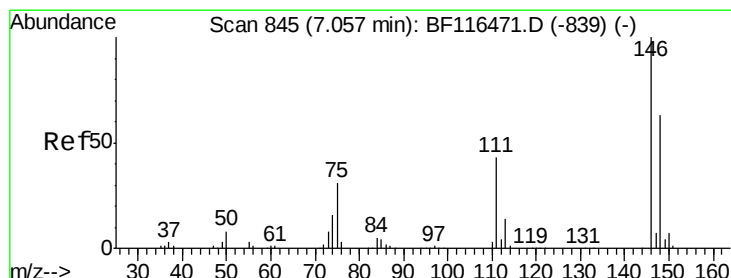
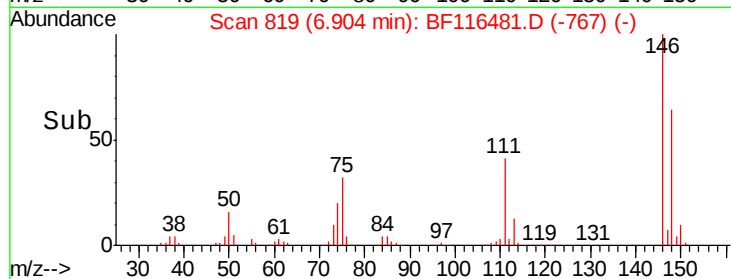
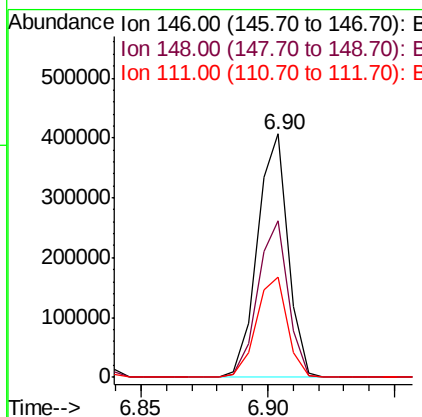
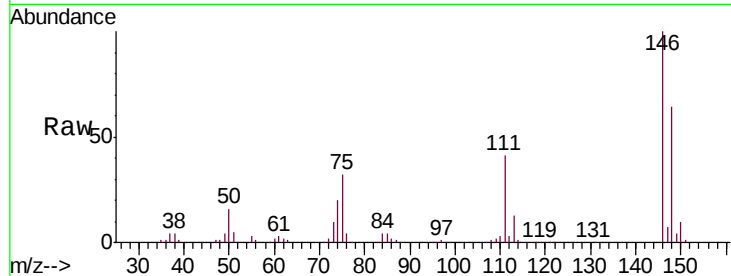
#13
 1,4-Dichlorobenzene
 Concen: 41.650 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
111	41.3	35.4	53.2

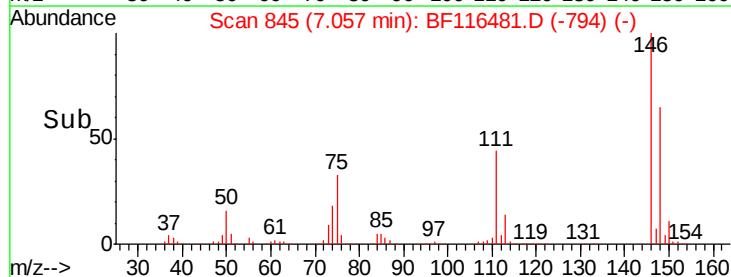
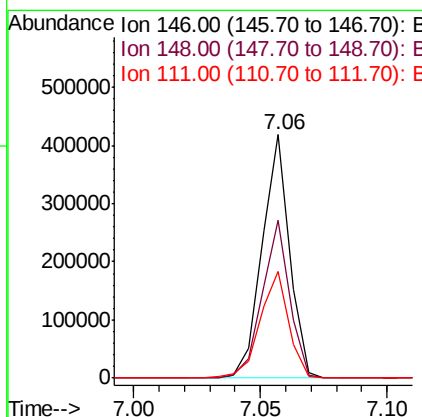
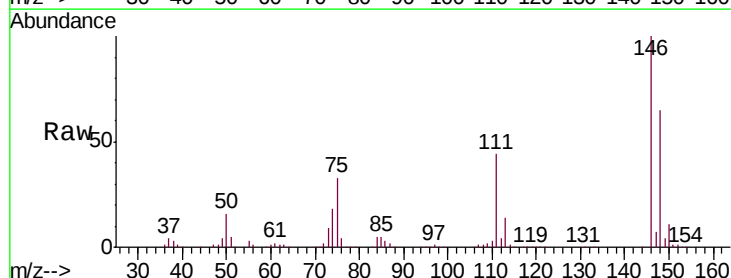
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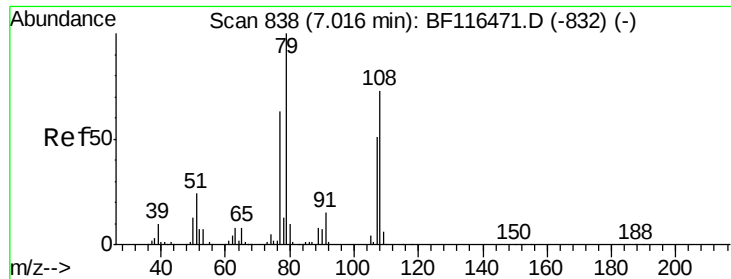
Jagrut
 8/28/2019 8:09:38 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.821 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	43.6	34.5	51.7





#15

Benzyl Alcohol

Concen: 38.282 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

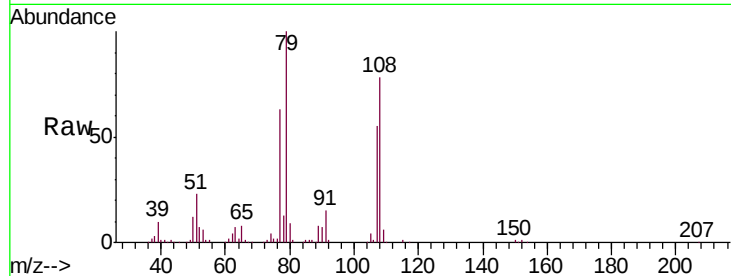
ClientSampleId :

PB122393BS

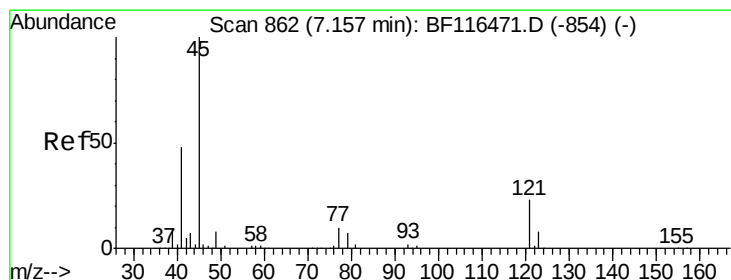
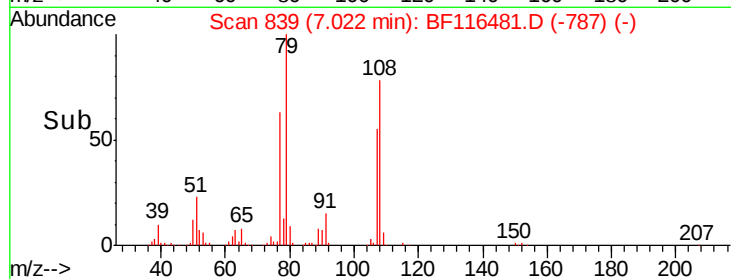
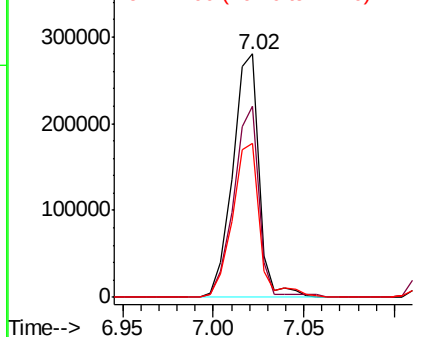
Tot Ion:	79	Resp:	283484
Ion Ratio	Lower	Upper	
79	100		
108	78.4	58.1	87.1
77	63.4	50.6	76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.907 ng

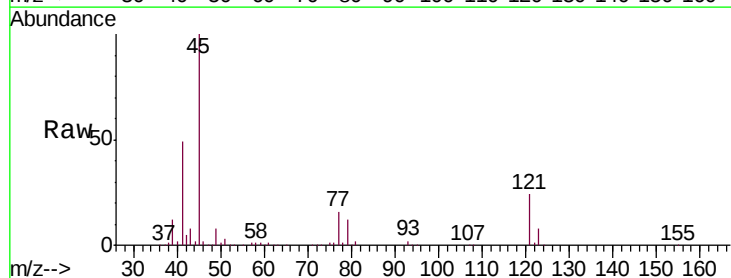
RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

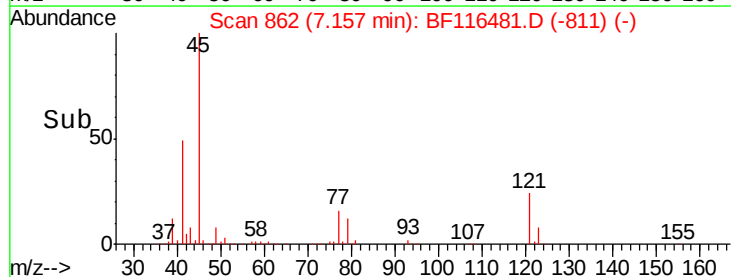
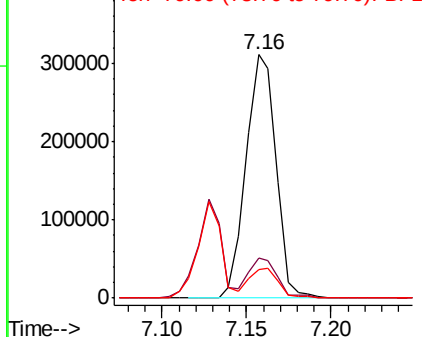
Lab File: BF116481.D

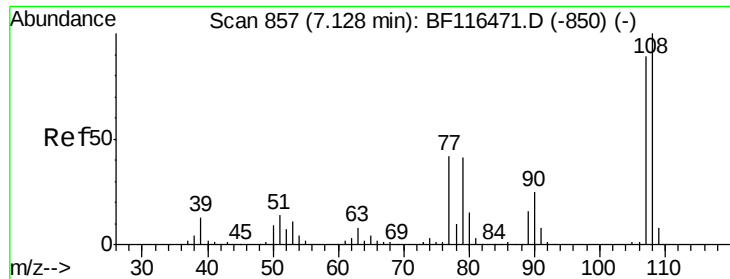
Acq: 23 Aug 2019 17:06

Tgt Ion:	45	Resp:	386074
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	36.1
79	12.0	0.0	32.3



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





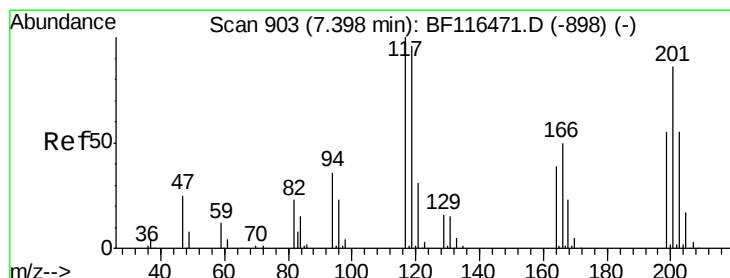
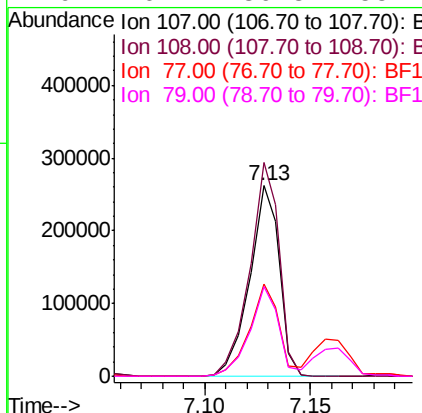
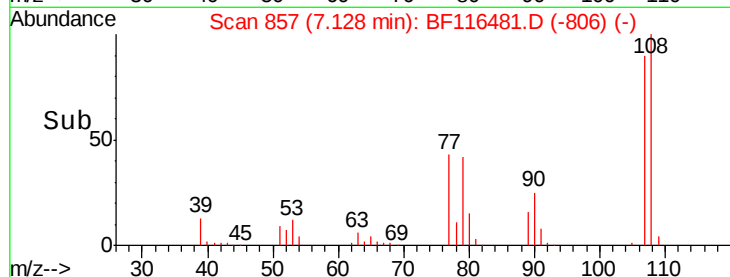
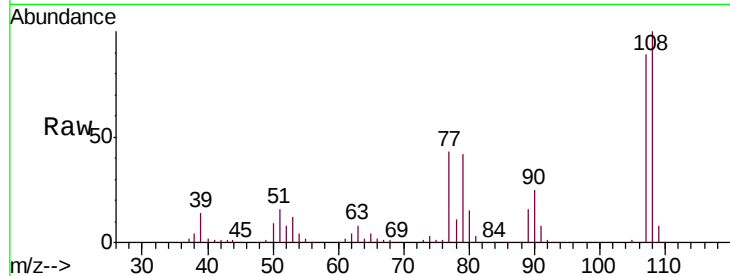
#17
2-Methylphenol
Concen: 39.435 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	90.0	135.0	
77	48.0	37.6	56.4	
79	46.7	36.8	55.2	

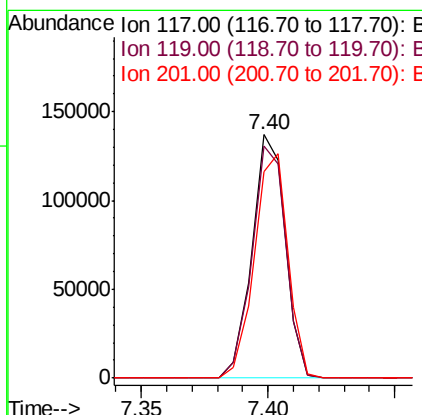
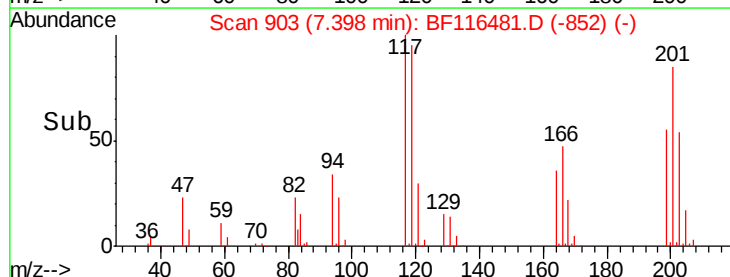
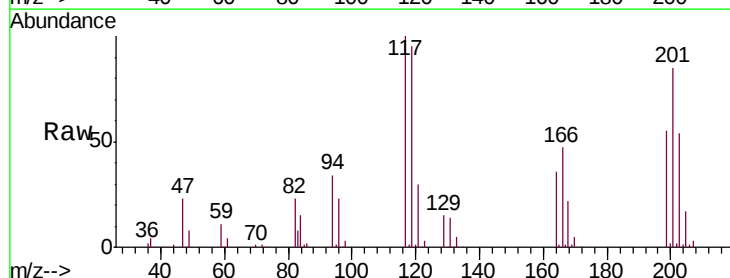
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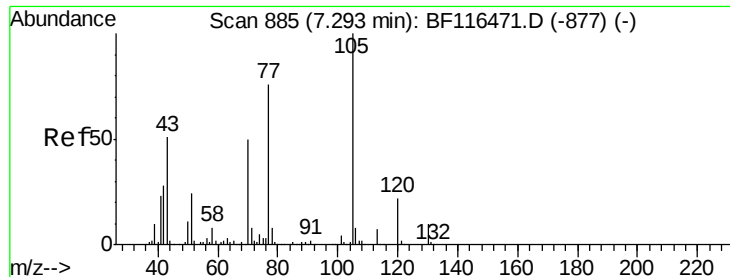
Jagrut
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#18
Hexachloroethane
Concen: 39.599 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.0	115.6	
201	84.8	69.1	103.7	





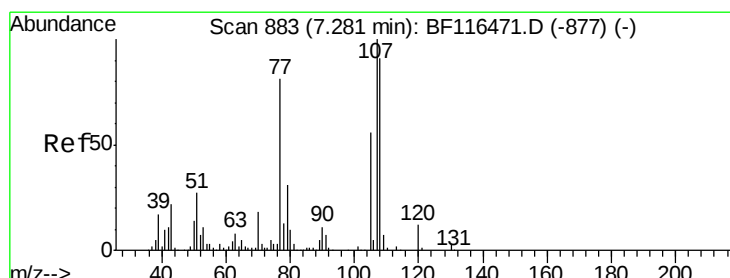
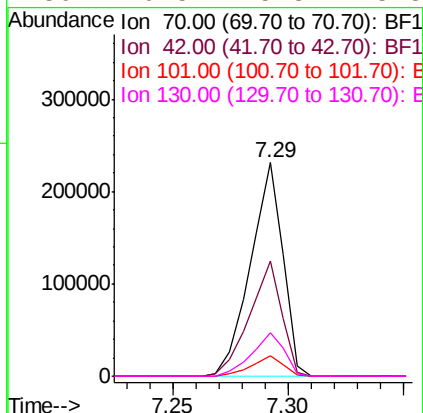
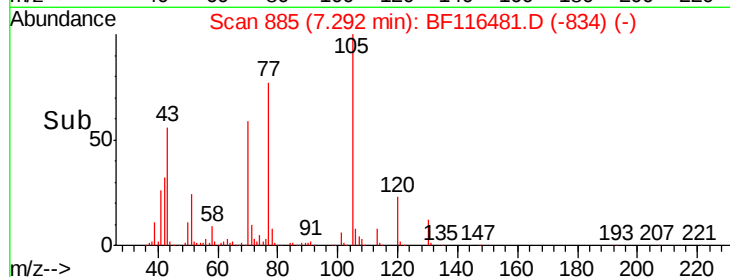
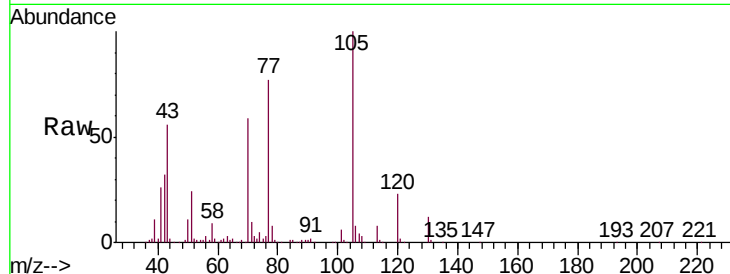
#19
n-Nitroso-di-n-propylamine
Concen: 36.325 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	44.4	66.6	
101	9.4	7.1	10.7	
130	20.5	15.8	23.8	

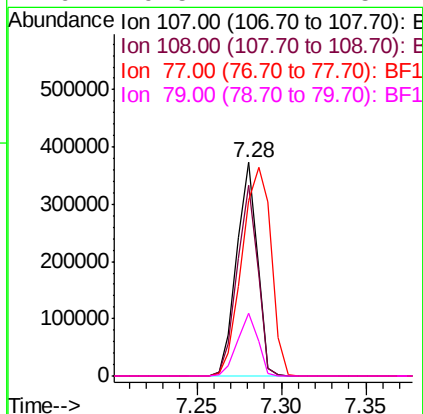
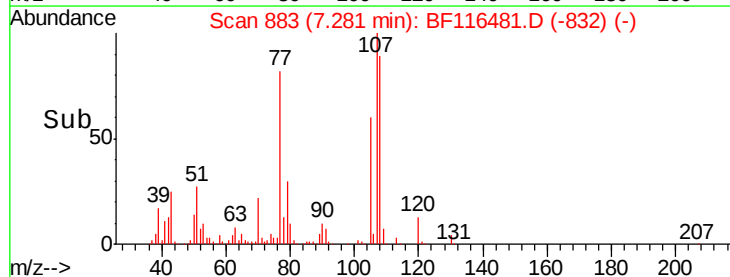
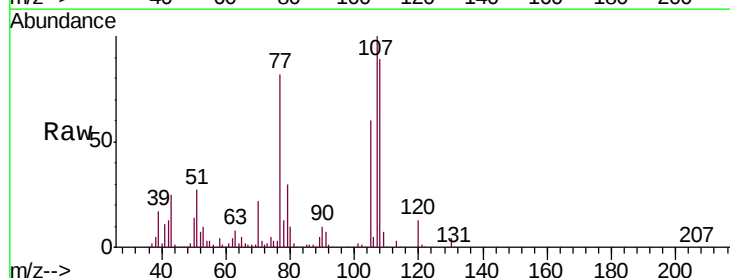
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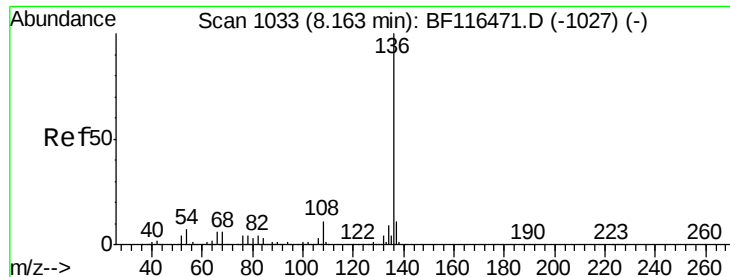
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#20
3+4-Methylphenols
Concen: 39.886 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	70.7	110.7	
77	82.3	60.6	100.6	
79	29.5	11.1	51.1	





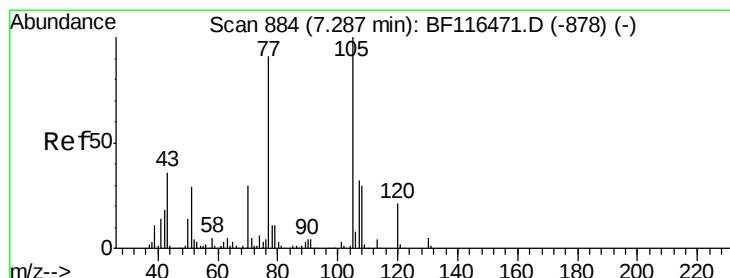
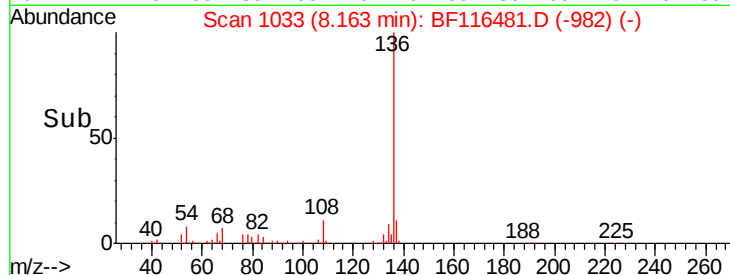
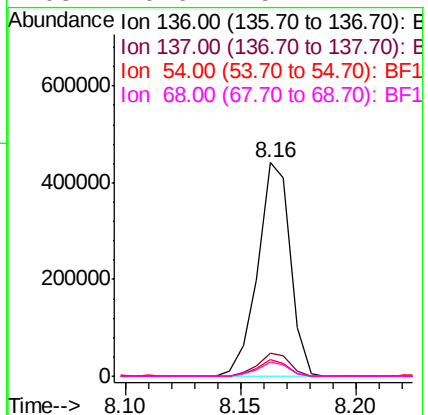
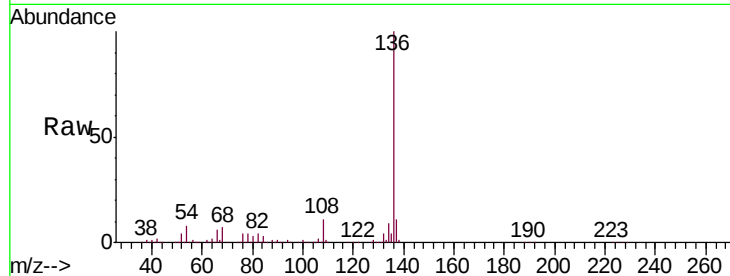
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.4	
54	7.6	5.8	8.6	
68	6.6	5.1	7.7	

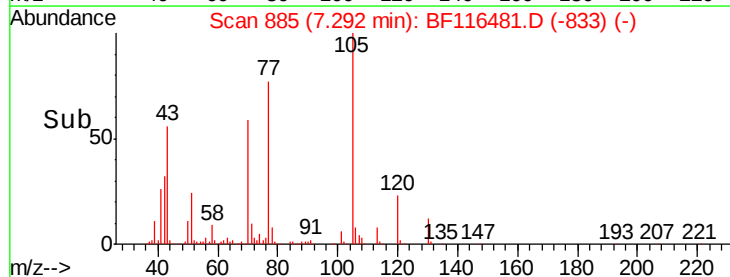
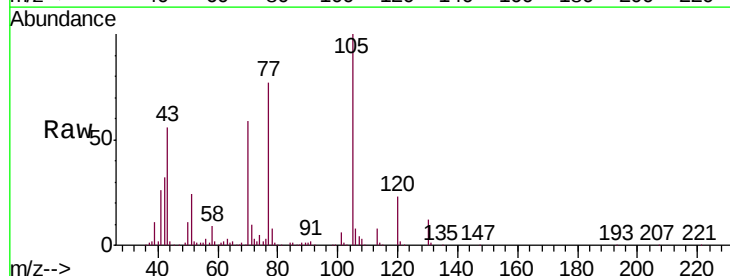
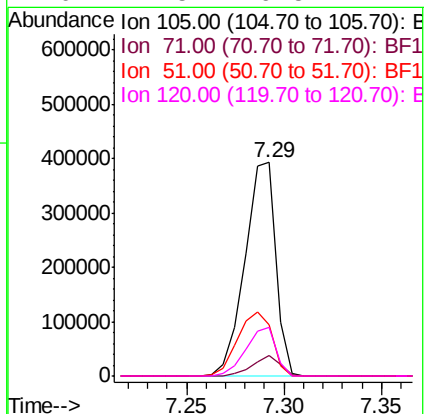
Manual Integrations
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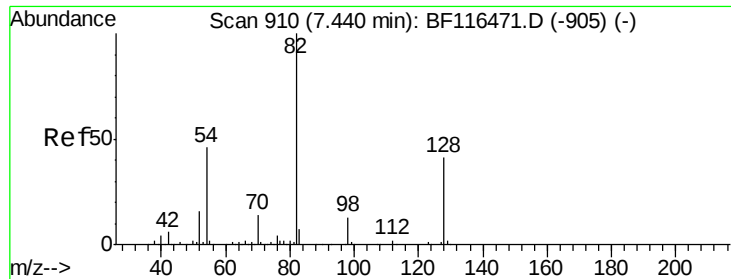
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#22
Acetophenone
Concen: 39.601 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.8	4.2	6.2	#
51	23.7	23.0	34.4	
120	22.5	16.5	24.7	





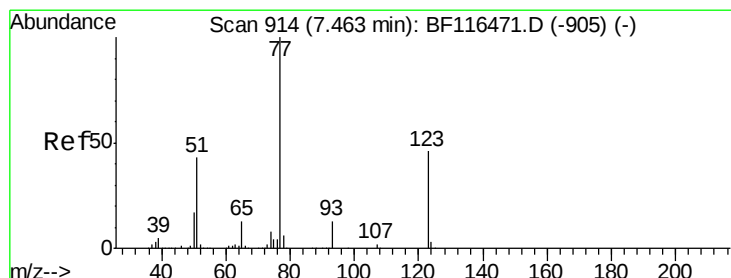
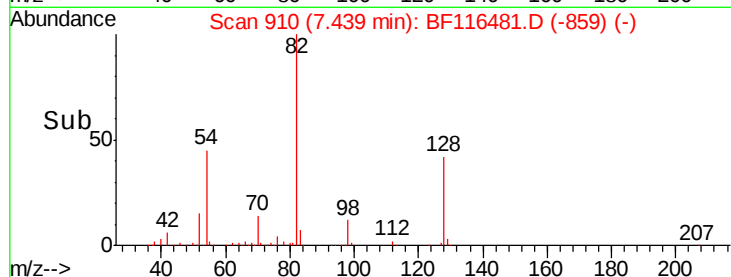
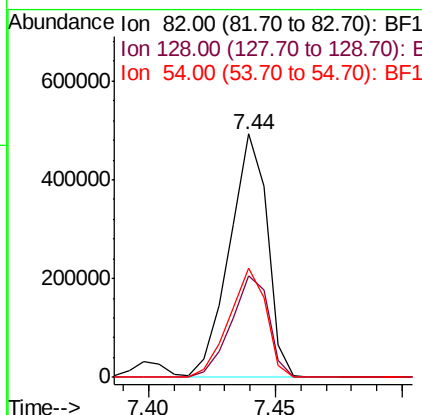
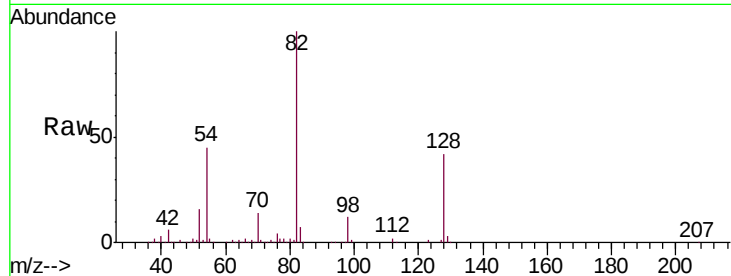
#23
 Nitrobenzene-d5
 Concen: 64.018 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	509321		
128	41.5	32.2	48.4	
54	44.8	36.5	54.7	

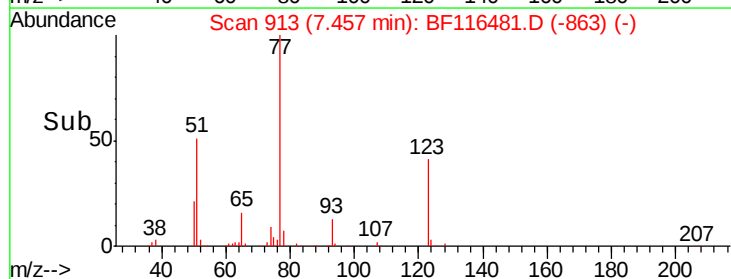
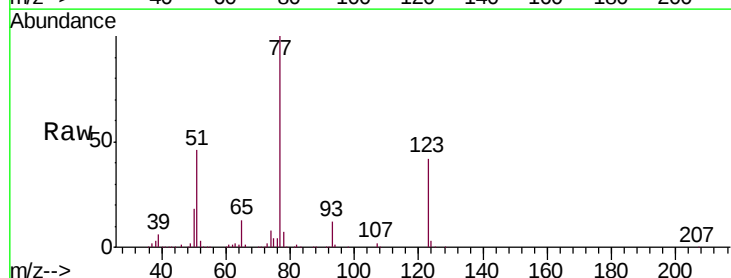
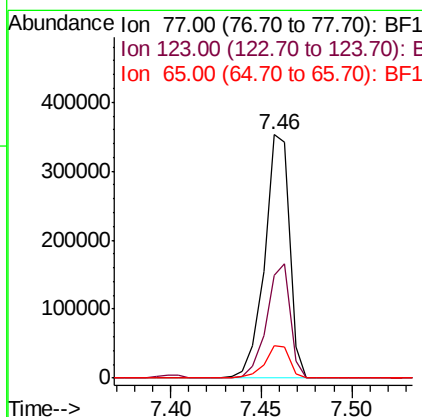
Manual Integrations
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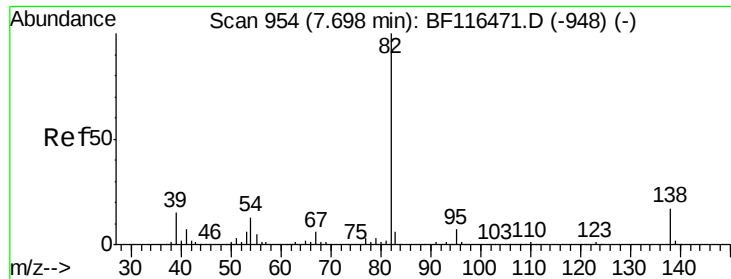
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#24
 Nitrobenzene
 Concen: 40.880 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	336815		
123	42.0	37.0	55.4	
65	13.4	10.5	15.7	





#25

Isophorone

Concen: 38.319 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

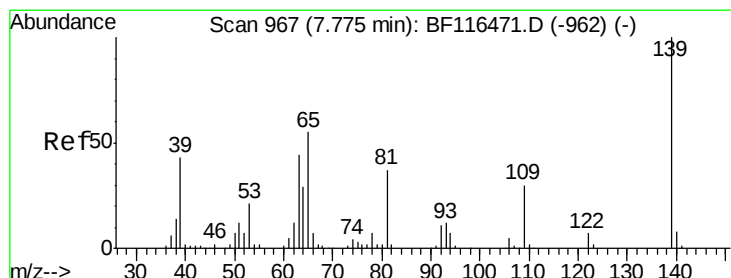
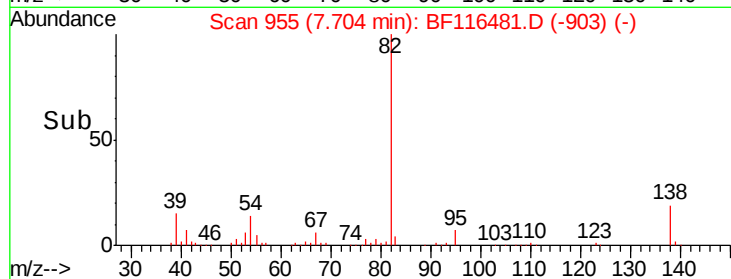
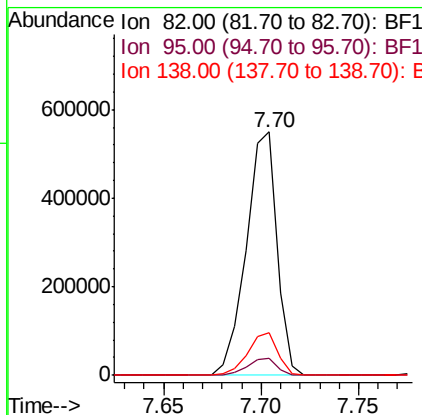
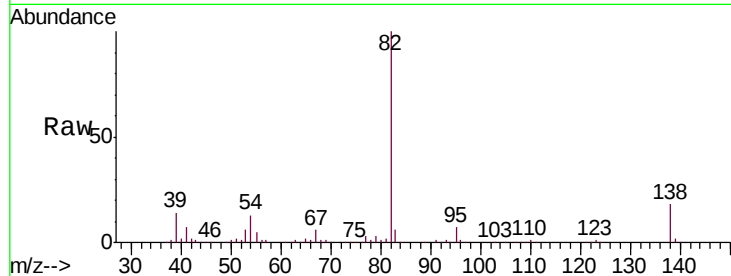
ClientSampleId :

PB122393BS

Tot Ion:	82	Resp:	600771
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.3	7.9
138	17.7	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.874 ng

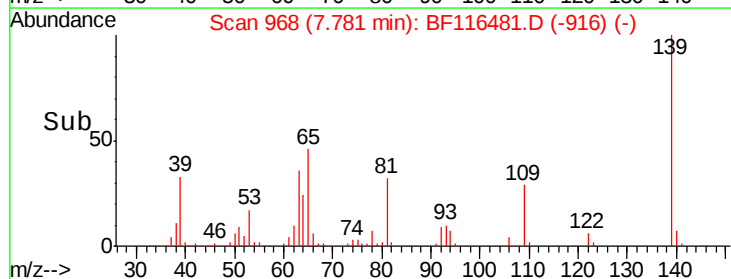
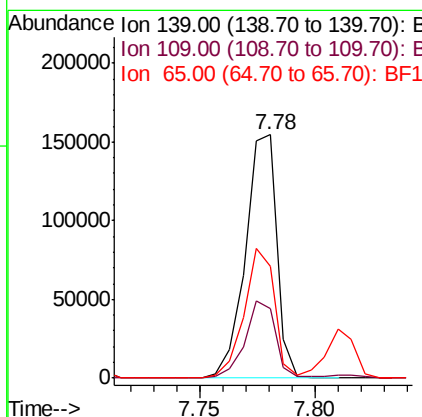
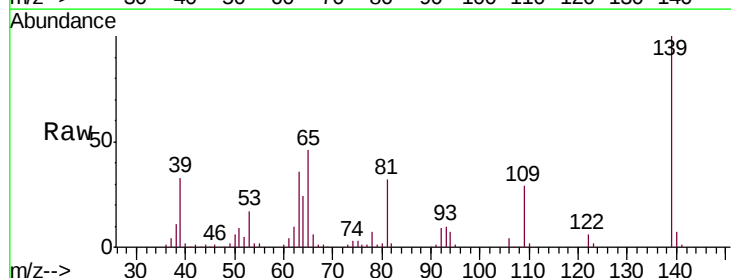
RT: 7.78 min Scan# 968

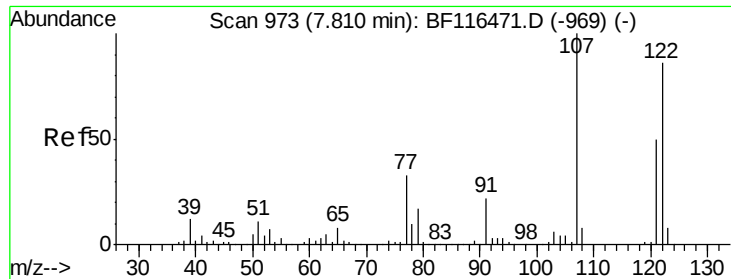
Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:	139	Resp:	147087
Ion Ratio		Lower	Upper
139	100		
109	28.8	24.3	36.5
65	45.7	44.0	66.0





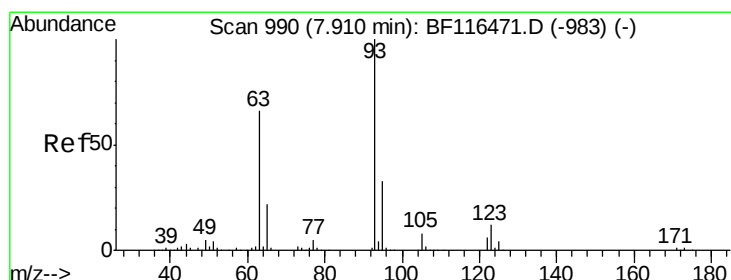
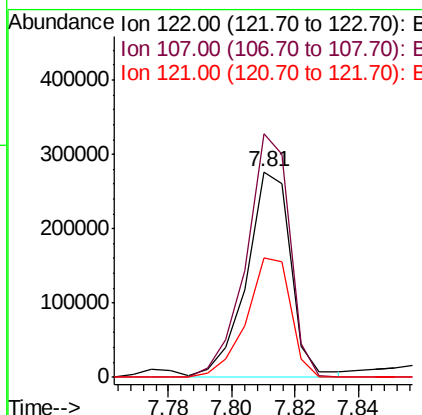
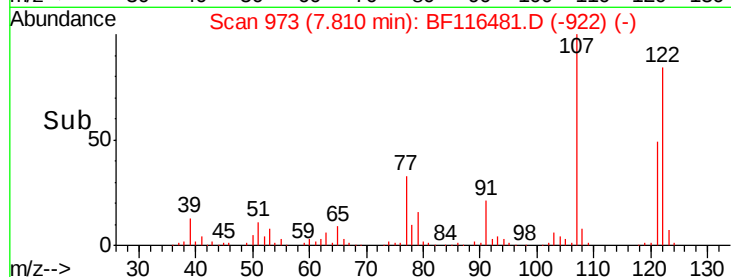
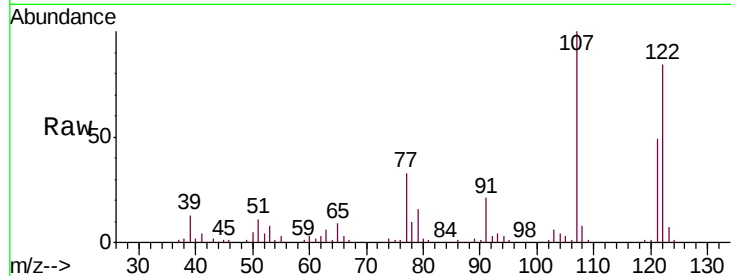
#27
 2,4-Dimethylphenol
 Concen: 42.747 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.6	92.4	138.6
121	57.9	46.2	69.4

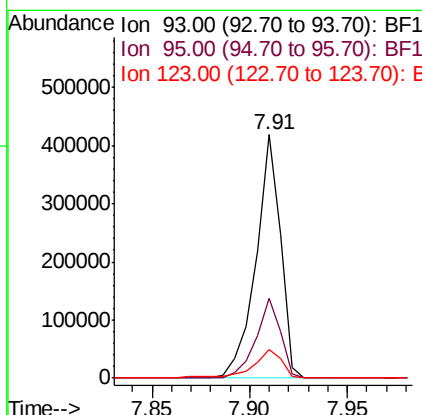
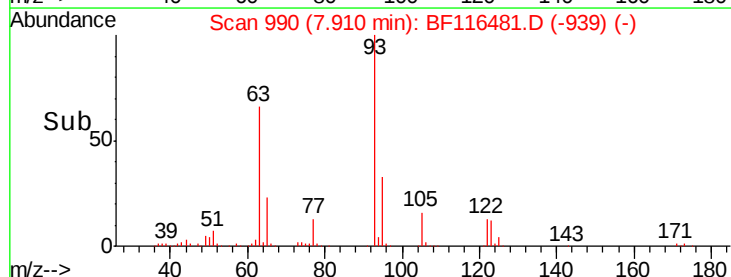
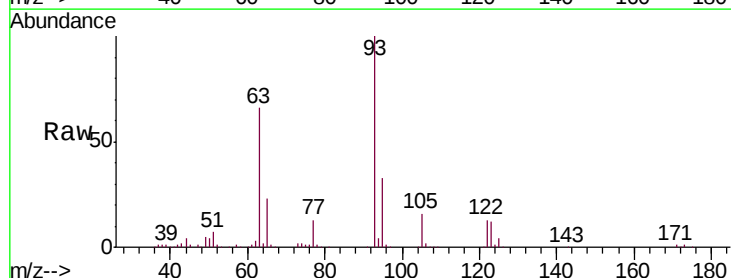
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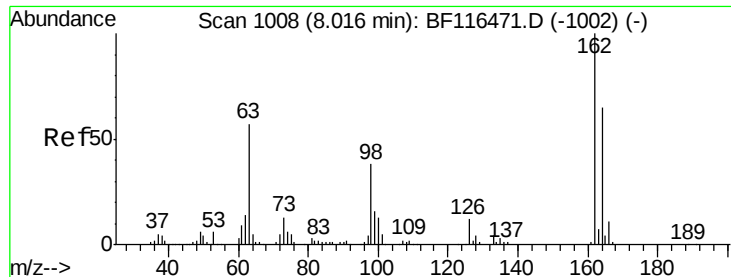
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.507 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.9	9.8	14.6





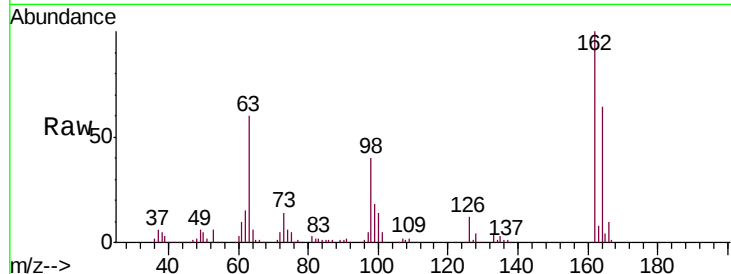
#29
2,4-Dichlorophenol
Concen: 40.479 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

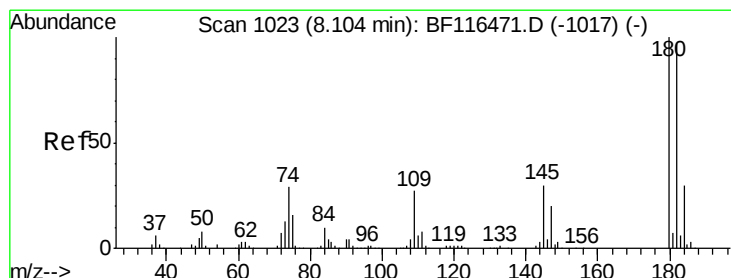
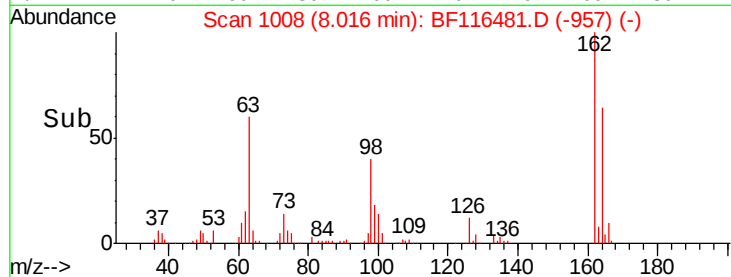
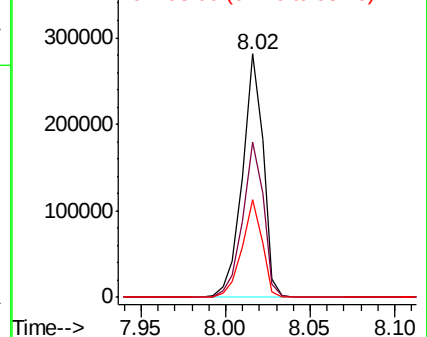
Tot Ion	Ratio	Resp	Lower	Upper
162	100	241733		
164	63.7	44.9	84.9	
98	40.0	17.9	57.9	

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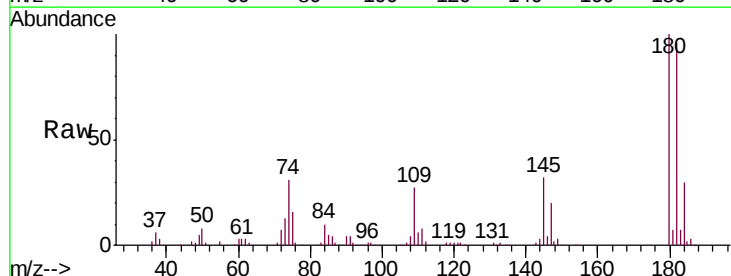


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

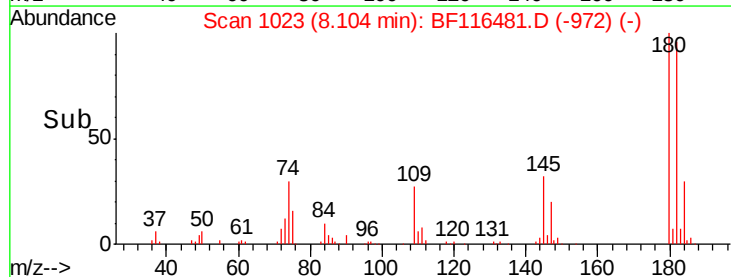
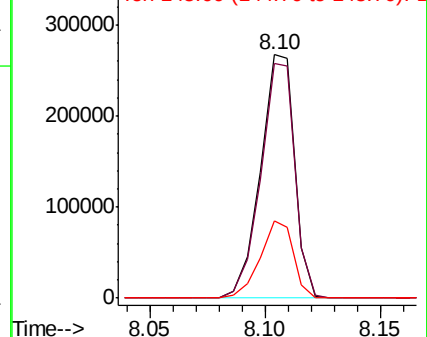


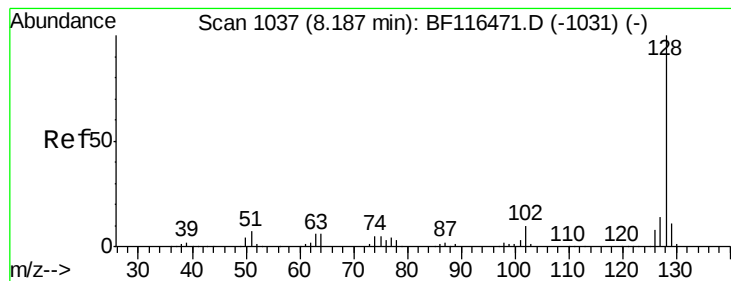
#30
1,2,4-Trichlorobenzene
Concen: 40.958 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	275354		
182	96.2	77.4	116.0	
145	31.9	24.3	36.5	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.391 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

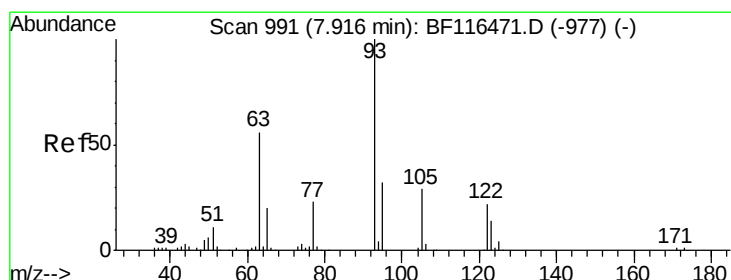
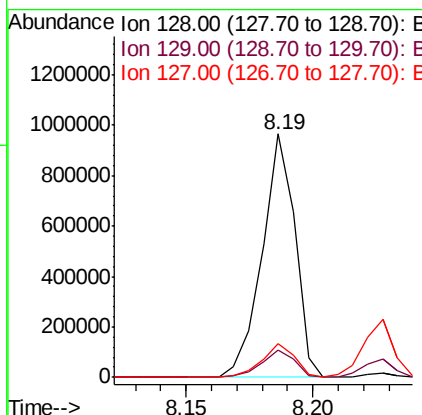
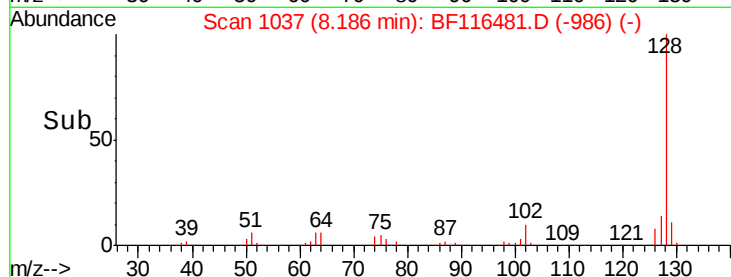
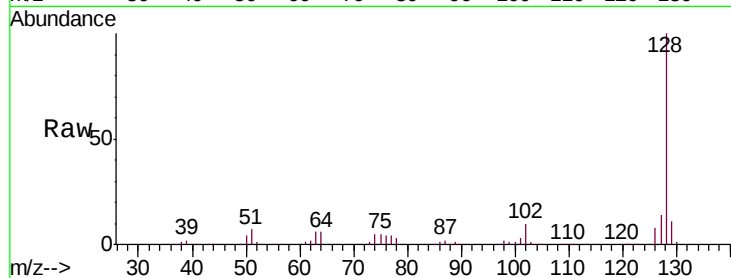
ClientSampleId :

PB122393BS

Tot Ion:	128	Resp:	871535
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 40.993 ng

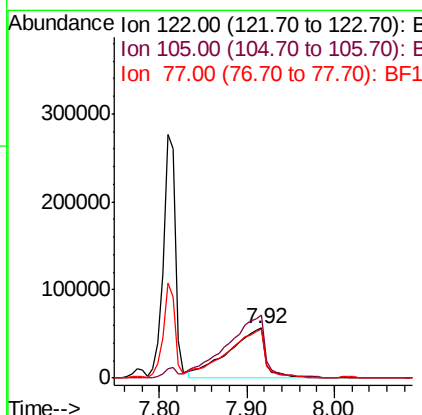
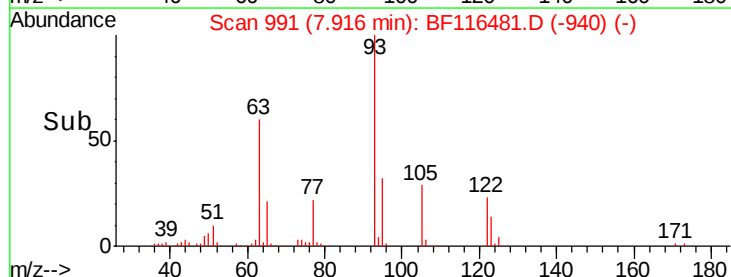
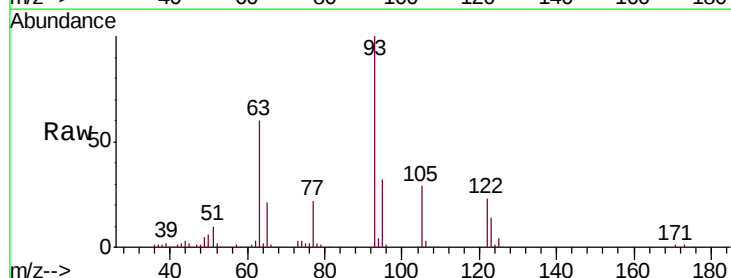
RT: 7.92 min Scan# 991

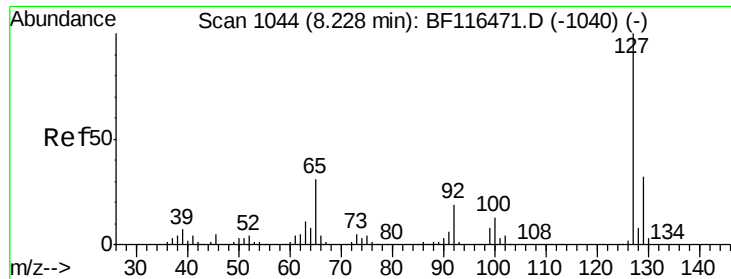
Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:	122	Resp:	164563
Ion Ratio	Lower	Upper	
122	100		
105	126.9	109.9	149.9
77	96.7	84.9	124.9





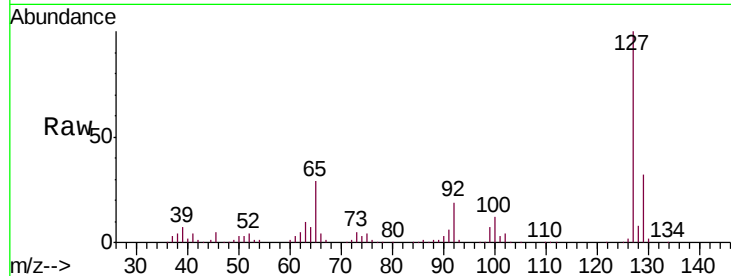
#33
4-Chloroaniline
Concen: 20.644 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

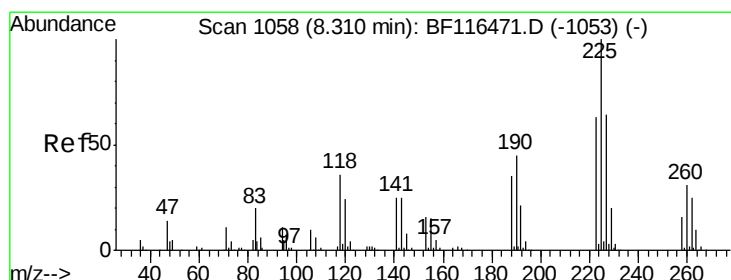
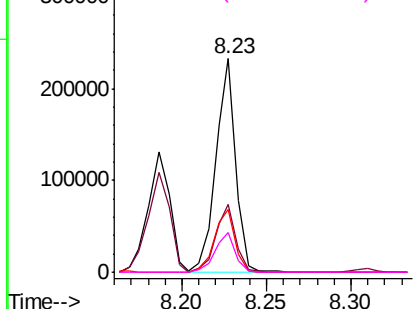
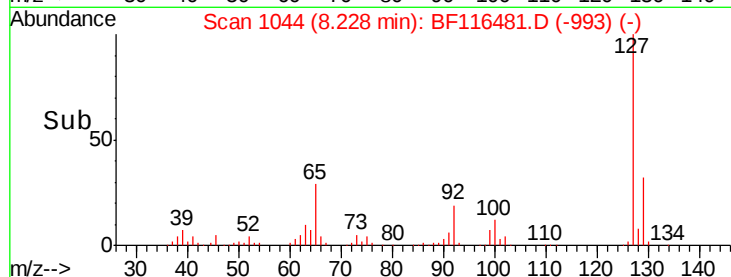
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		190828		
129	31.7	25.7	38.5		
65	29.5	25.0	37.6		
92	18.5	15.0	22.6		

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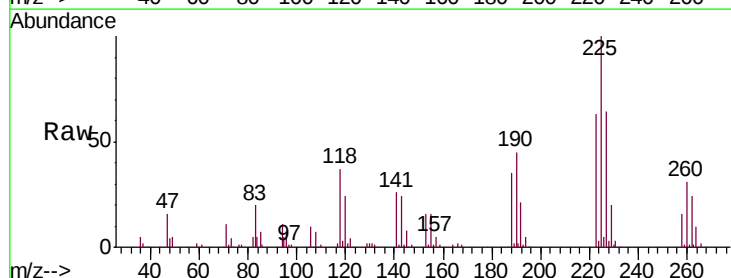


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

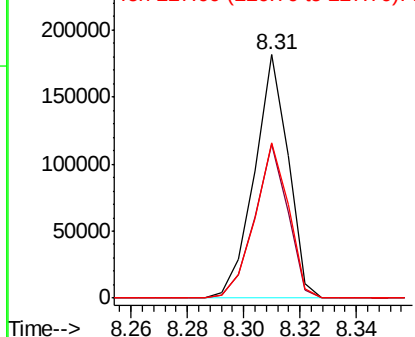
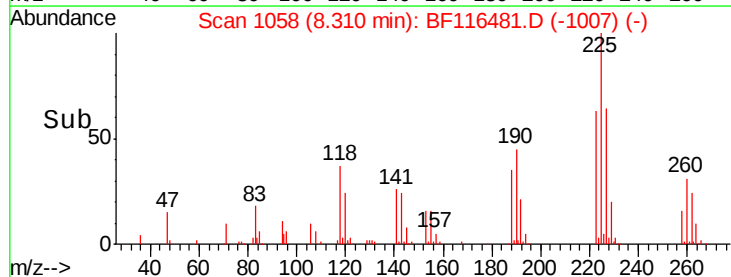


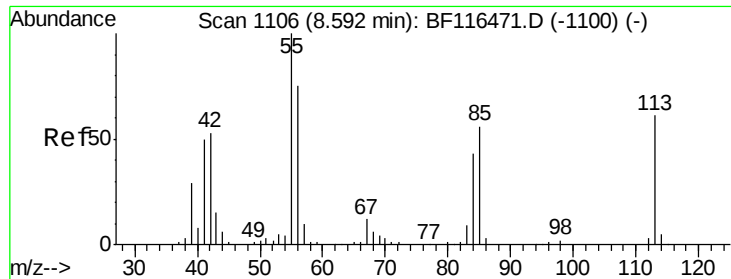
#34
Hexachlorobutadiene
Concen: 41.010 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		150360		
223	63.1	50.3	75.5		
227	63.5	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: 34.852 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

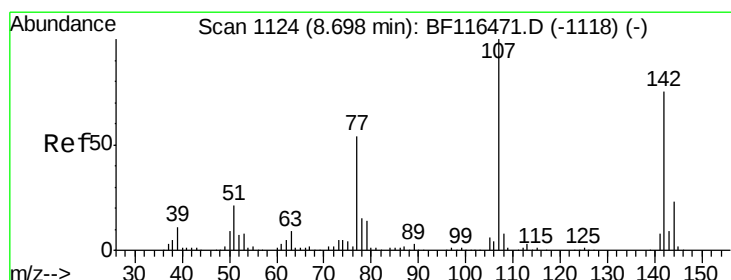
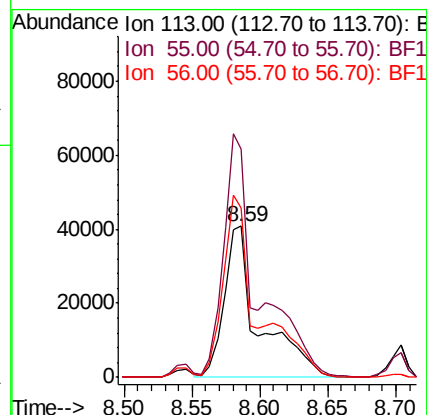
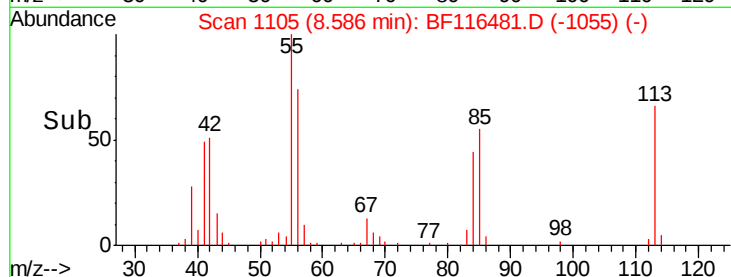
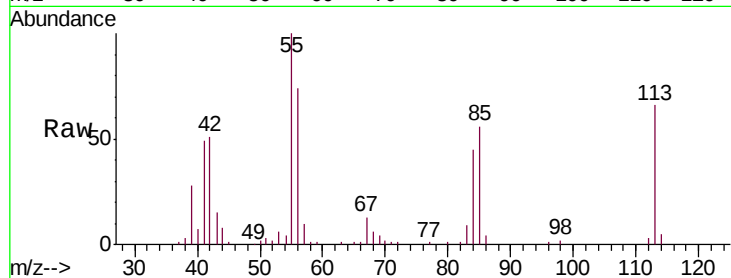
ClientSampleID :

PB122393BS

Tot Ion:	113	Resp:	72497
Ion Ratio	Lower	Upper	
113	100		
55	151.2	143.6	183.6
56	112.3	102.3	142.3

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#36

4-Chloro-3-methylphenol

Concen: 38.090 ng/mL

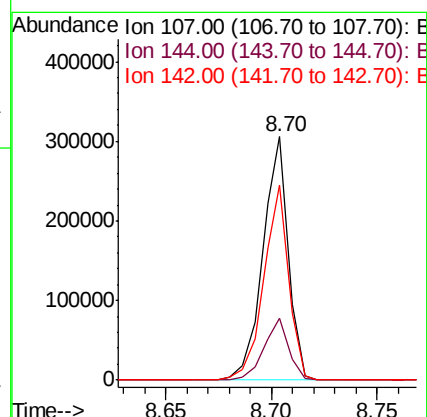
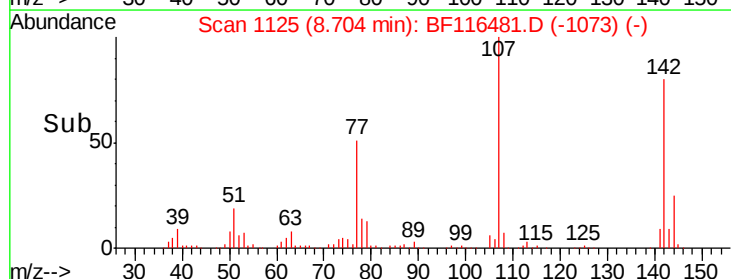
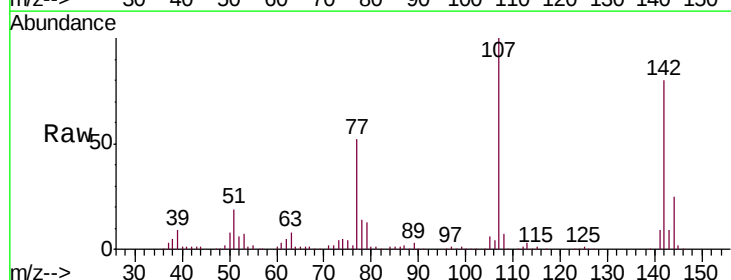
RT: 8.70 min Scan# 1125

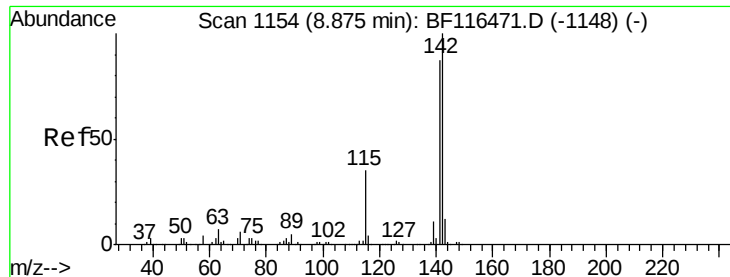
Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:	107	Resp:	256651
Ion Ratio	Lower	Upper	
107	100		
144	25.4	18.8	28.2
142	80.1	59.8	89.6





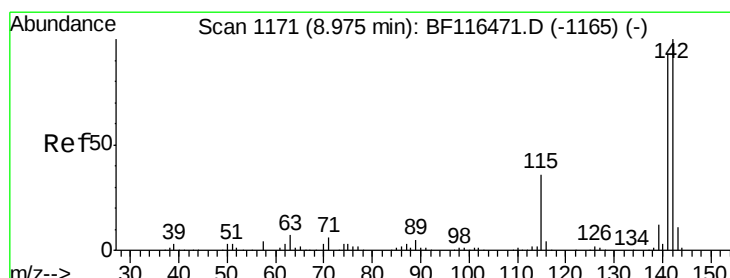
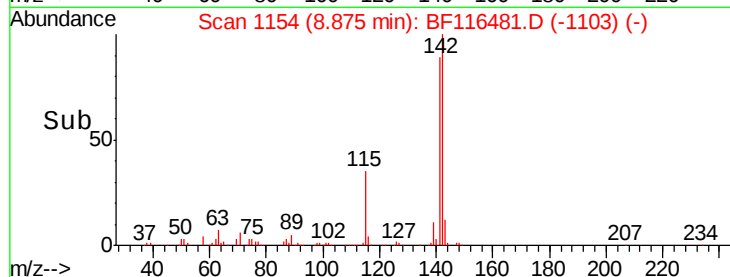
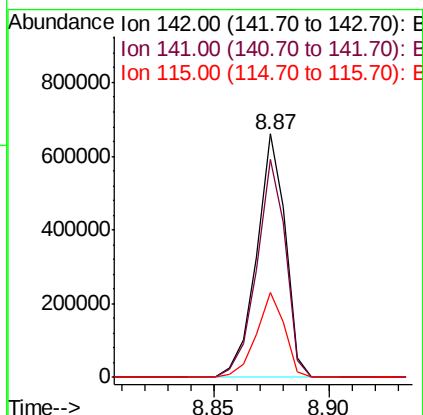
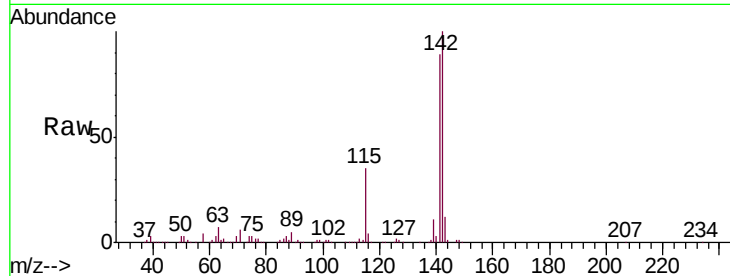
#37
2-Methylnaphthalene
Concen: 39.844 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.8	104.6
115	35.0	27.7	41.5

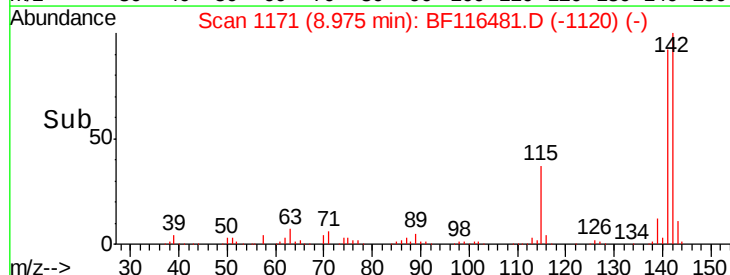
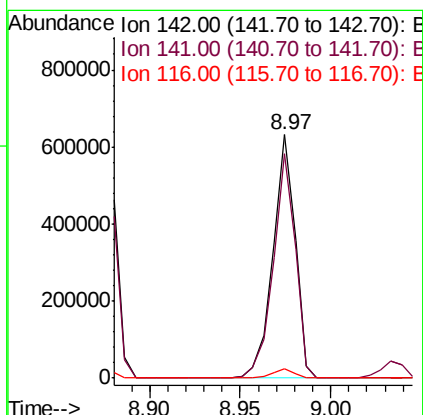
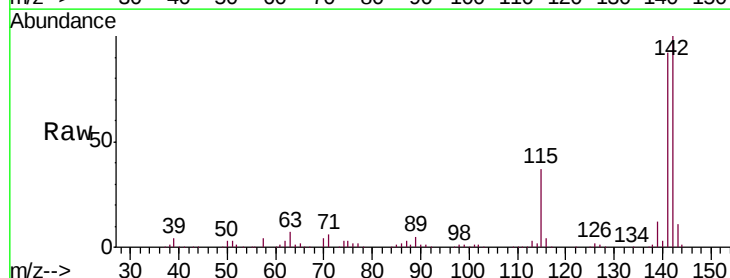
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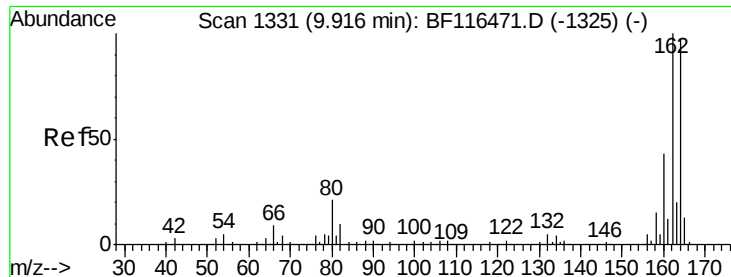
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#38
1-Methylnaphthalene
Concen: 39.555 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.2
116	3.8	2.9	4.3





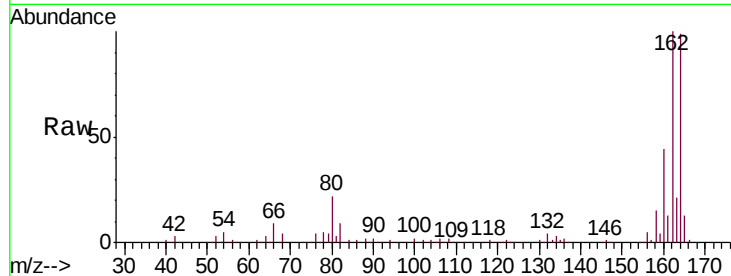
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	82.6	123.8	
160	45.0	35.8	53.8	

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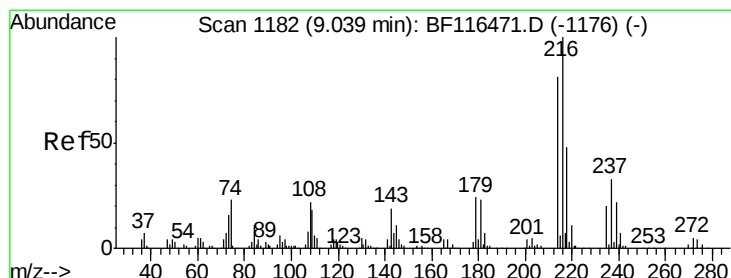
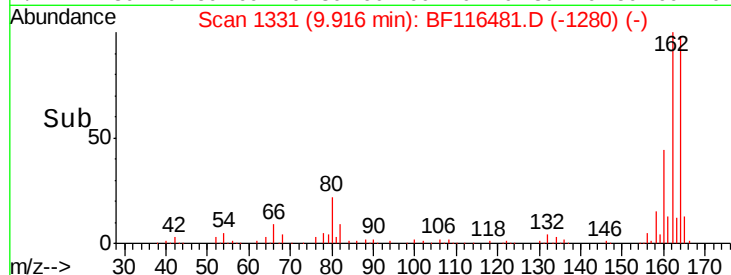
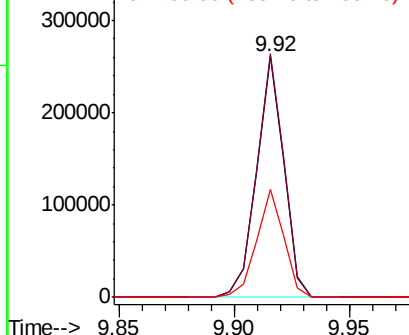


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.884 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.8	95.8	
179	22.7	18.5	27.7	
108	23.8	17.3	25.9	

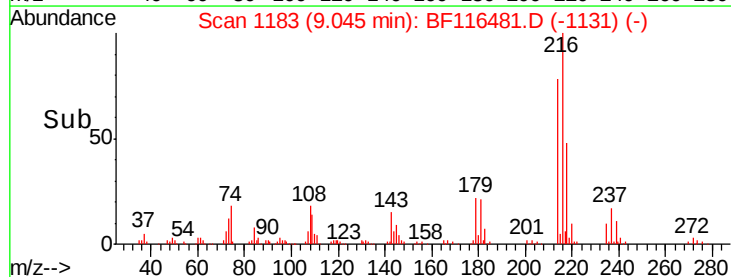
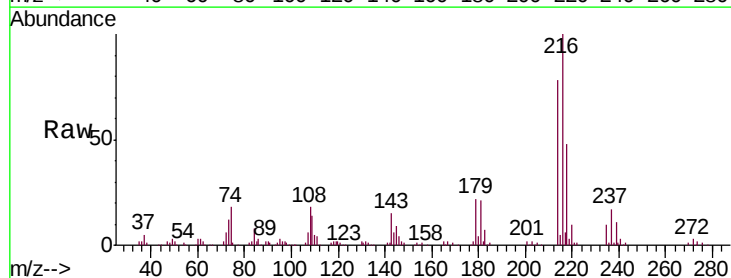
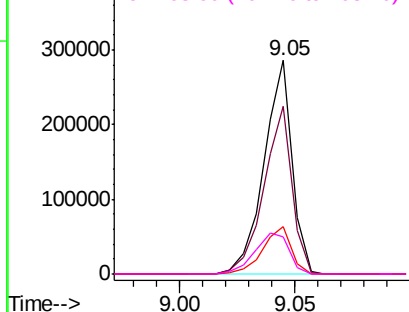
Abundance

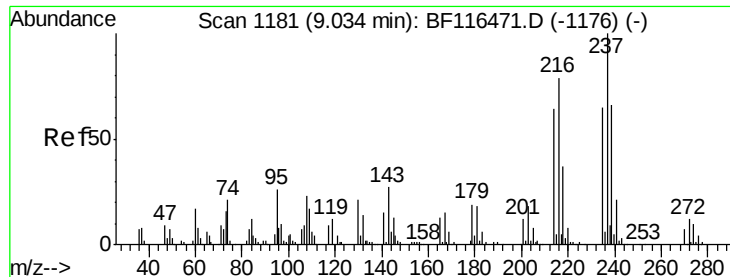
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.117 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

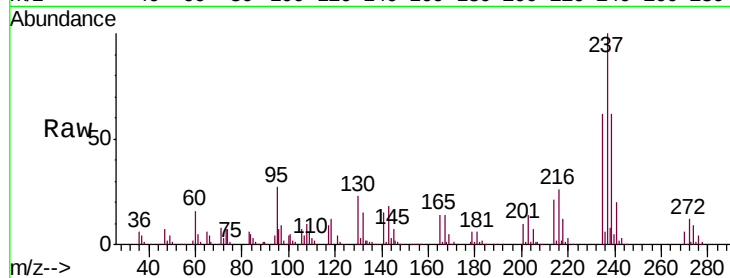
ClientSampleId :

PB122393BS

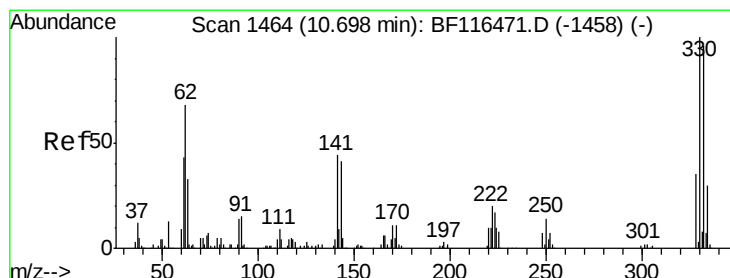
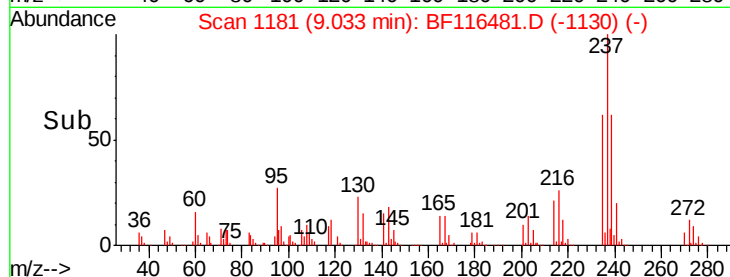
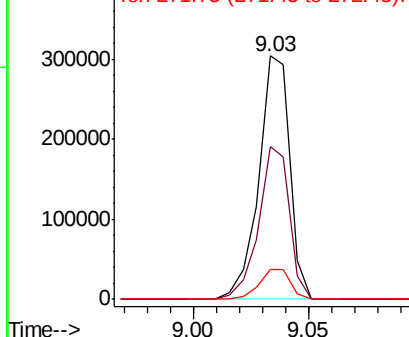
Tot Ion:	237	Resp:	285557
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.8	84.8
272	12.1	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 102.262 ng

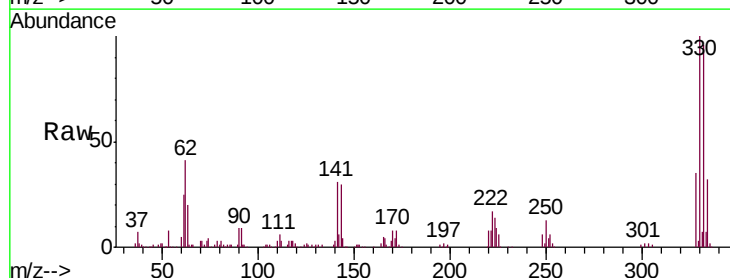
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

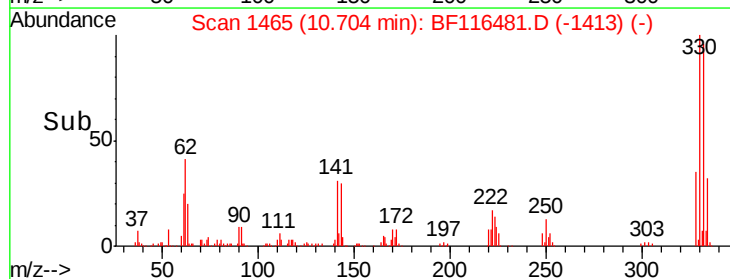
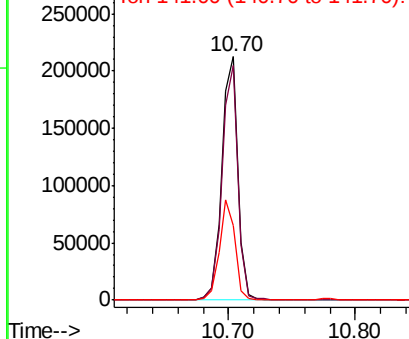
Lab File: BF116481.D

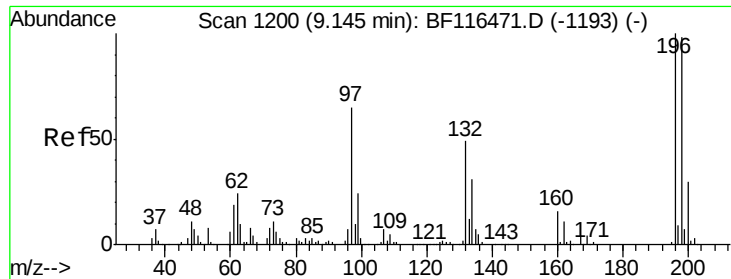
Acq: 23 Aug 2019 17:06

Tgt Ion:	330	Resp:	188046
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.2	115.8
141	40.4	33.3	49.9



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





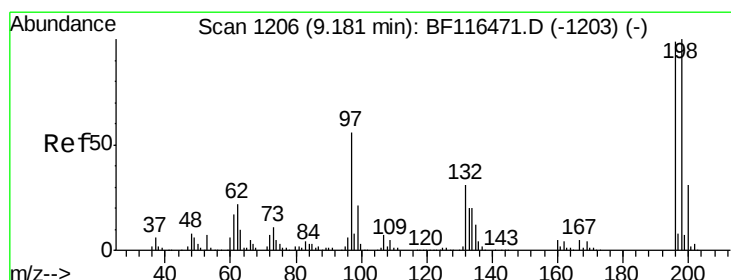
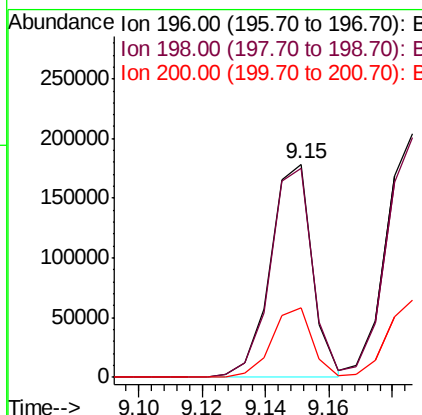
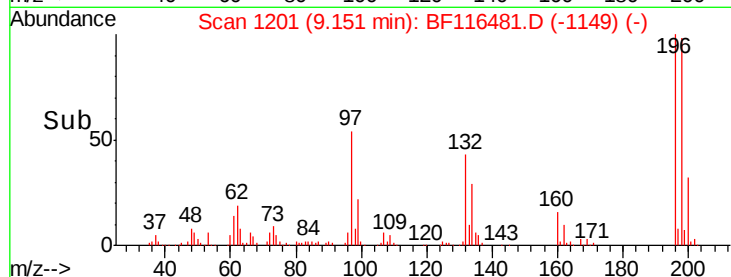
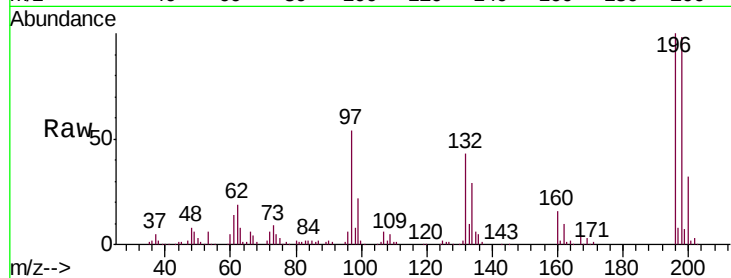
#43
 2,4,6-Trichlorophenol
 Concen: 40.759 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164356		
198	98.2	78.0	117.0	
200	32.4	24.2	36.2	

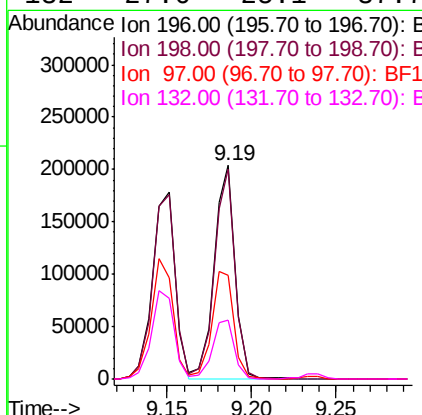
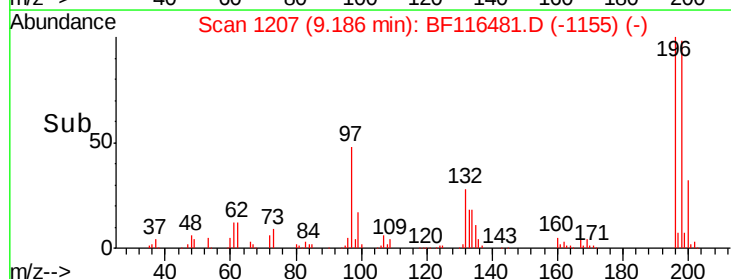
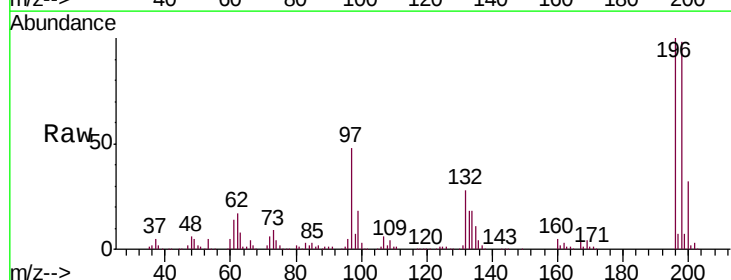
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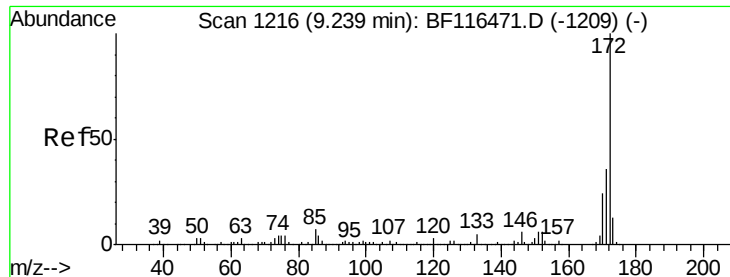
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#44
 2,4,5-Trichlorophenol
 Concen: 43.138 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176995		
198	98.3	80.8	121.2	
97	48.4	45.7	68.5	
132	27.6	25.1	37.7	





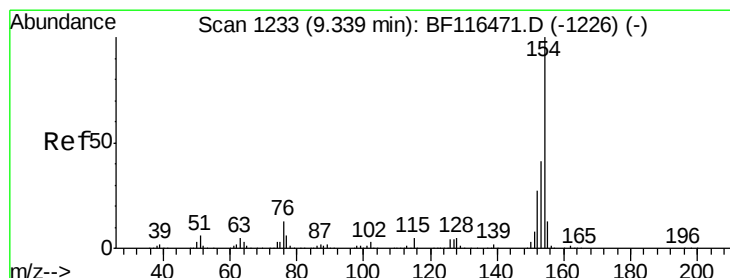
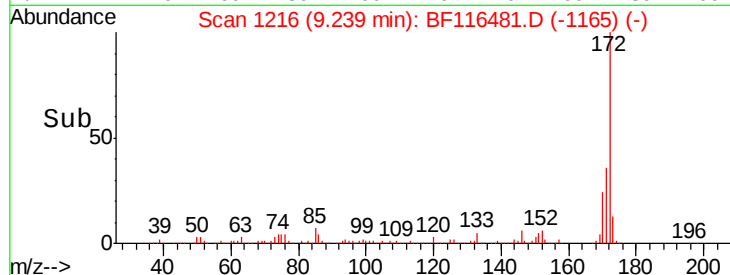
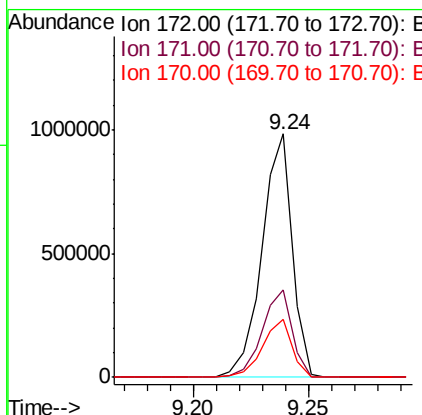
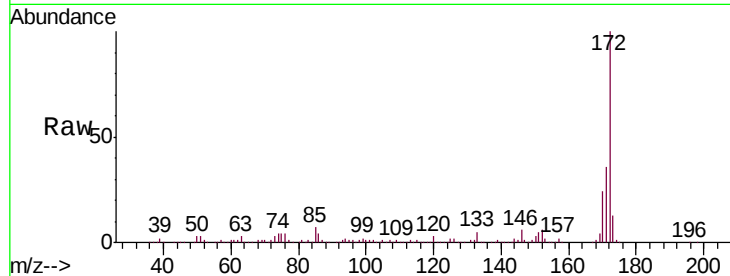
#45
2-Fluorobiphenyl
Concen: 67.357 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	895719		
171	36.0		28.9	43.3
170	23.9		19.4	29.0

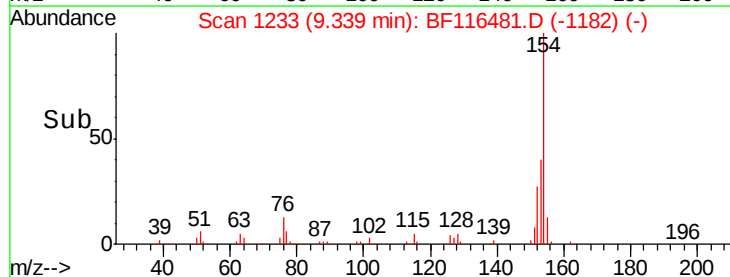
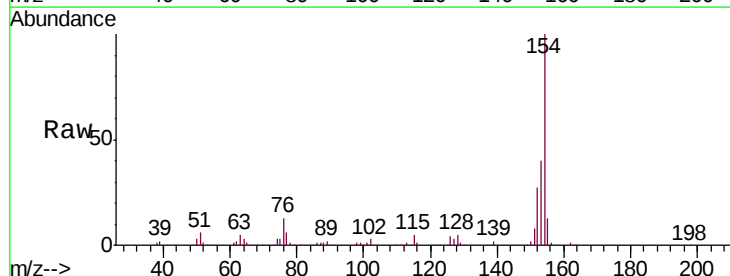
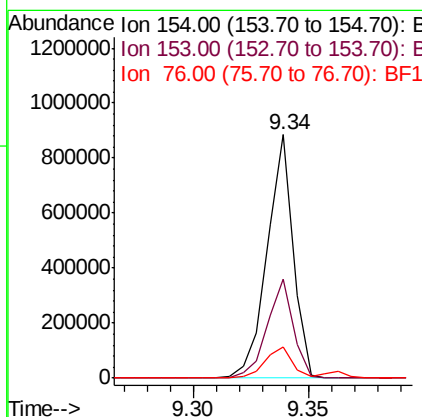
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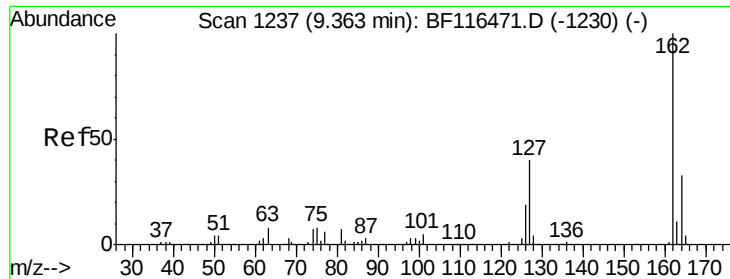
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#46
1,1'-Biphenyl
Concen: 40.703 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	696908		
153	40.4		21.3	61.3
76	13.0		0.0	32.9





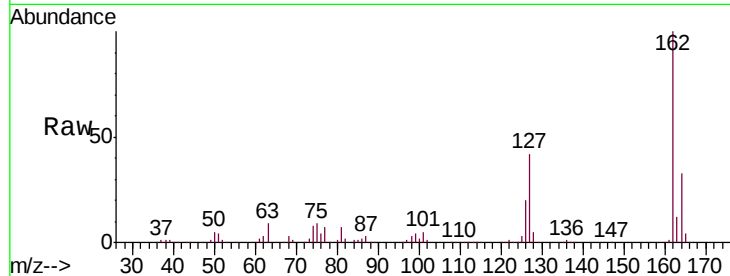
#47
2-Chloronaphthalene
Concen: 39.684 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

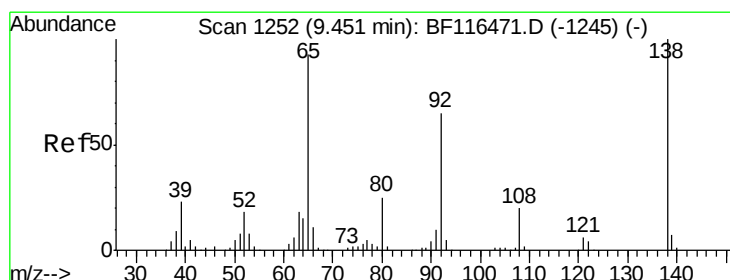
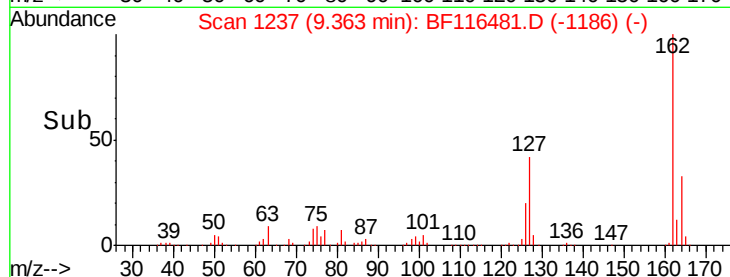
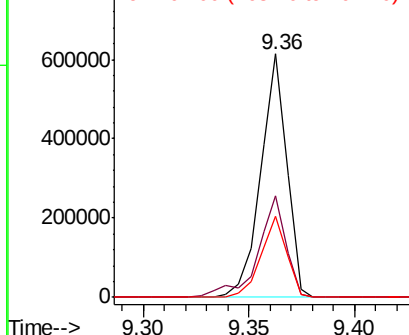
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.5	32.5	48.7
164	33.1	26.7	40.1

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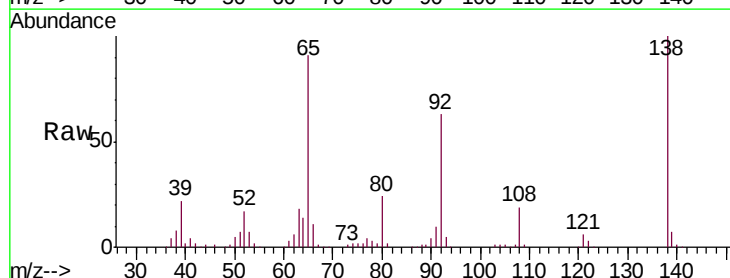


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

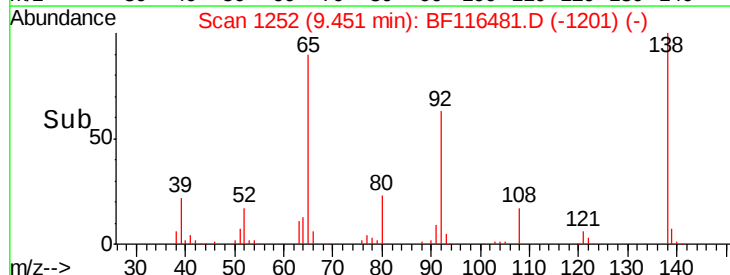
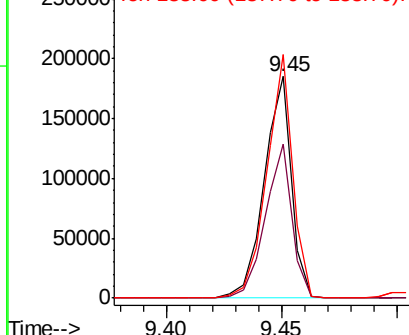


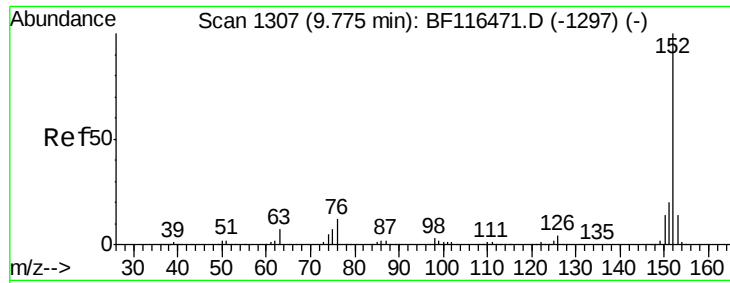
#48
2-Nitroaniline
Concen: 37.185 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.8	56.2	84.2
138	110.0	86.0	129.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.373 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

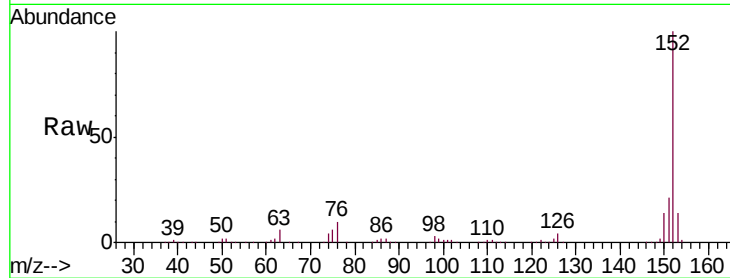
ClientSampleId :

PB122393BS

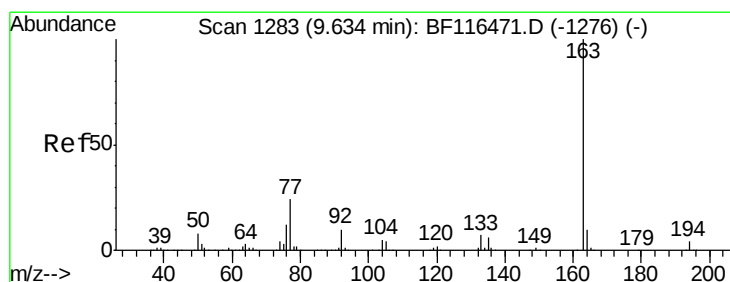
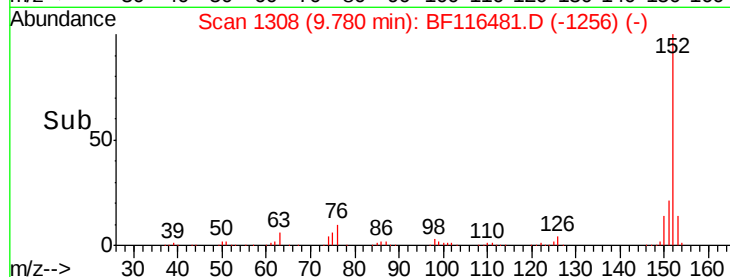
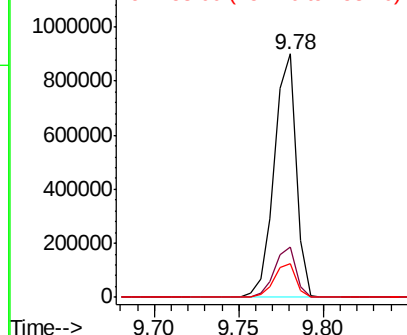
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		803476		
151	20.6	16.1	24.1		
153	13.8	11.4	17.0		

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



#50

Dimethylphthalate

Concen: 38.299 ng

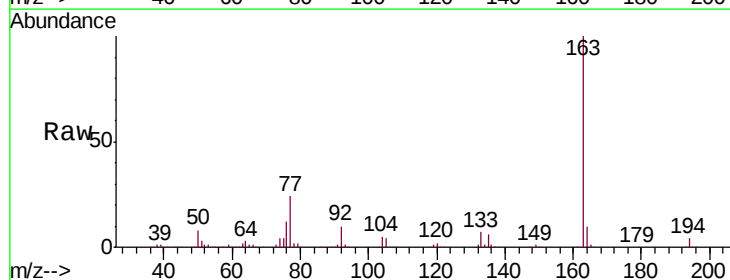
RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

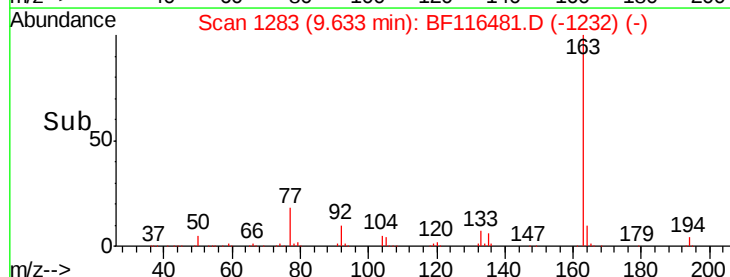
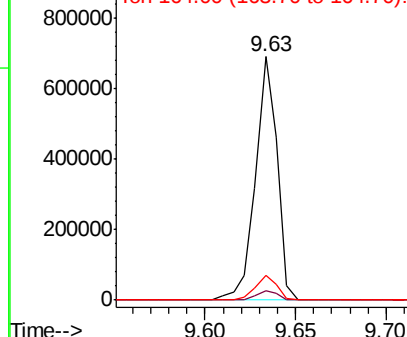
Lab File: BF116481.D

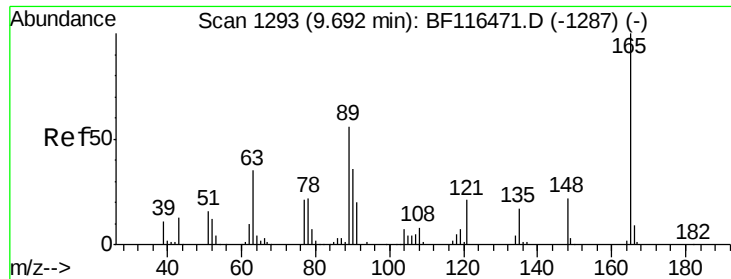
Acq: 23 Aug 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		572251		
194	3.6	2.9	4.3		
164	10.3	8.2	12.2		



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





#51

2,6-Dinitrotoluene

Concen: 40.738 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

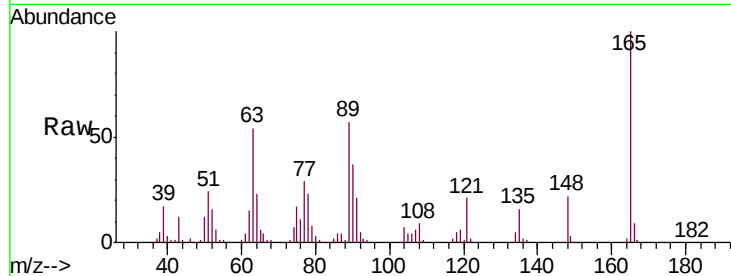
ClientSampleId :

PB122393BS

Tot Ion:	165	Resp:	124588
Ion Ratio	Lower	Upper	
165	100		
63	54.4	43.7	65.5
89	57.1	45.1	67.7

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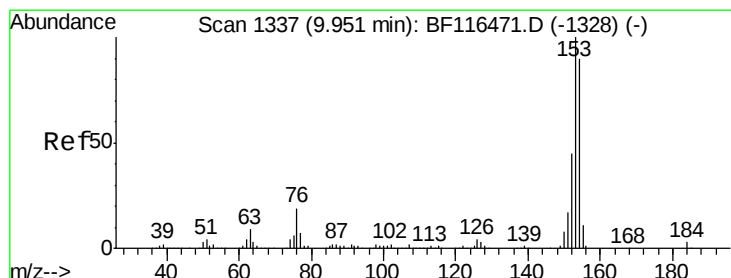
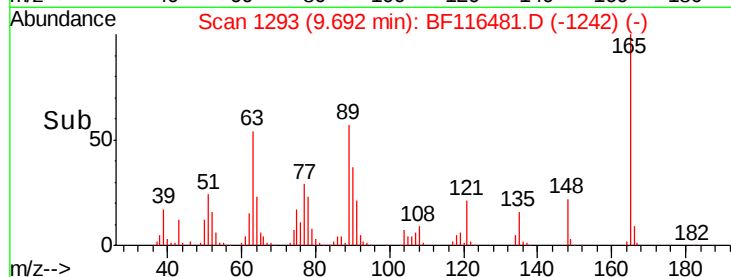
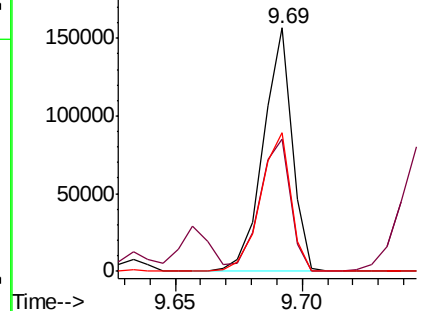
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.428 ng

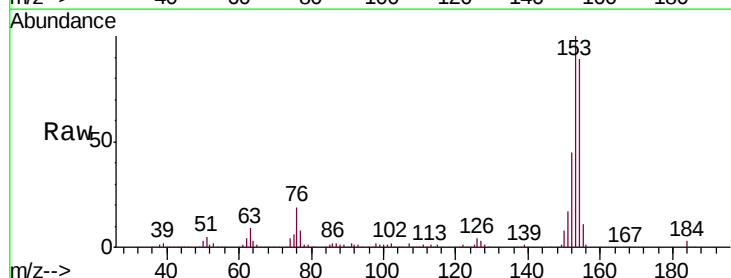
RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

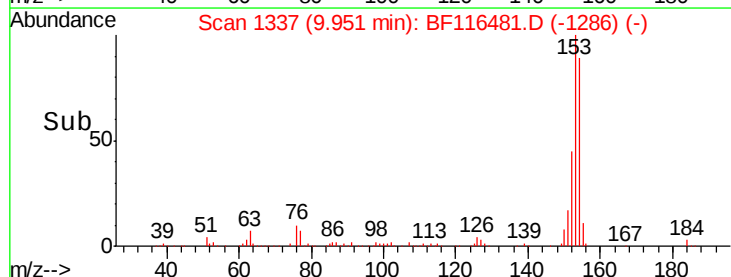
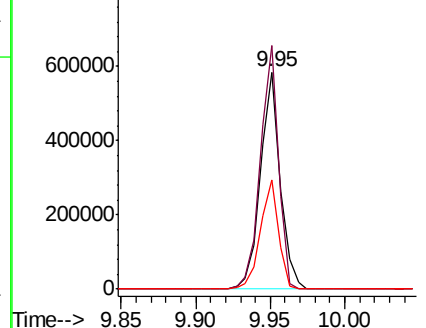
Tgt Ion:	154	Resp:	528718
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.3	133.9
152	50.5	40.2	60.4

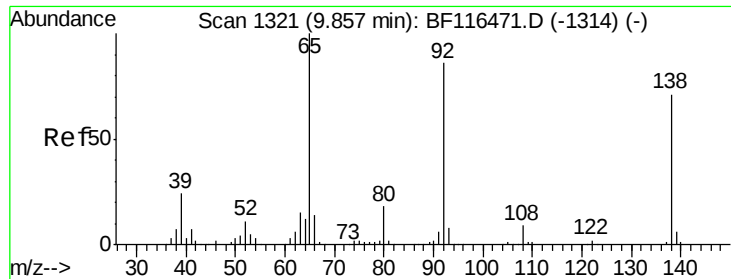


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





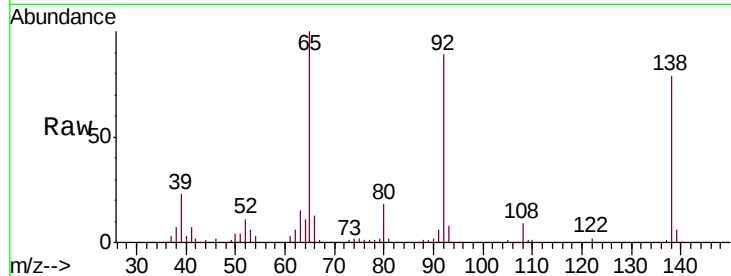
#53
3-Nitroaniline
Concen: 24.757 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.0	15.0
92	113.3	97.7	146.5

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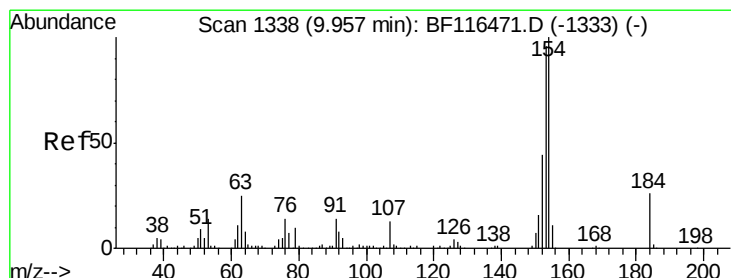
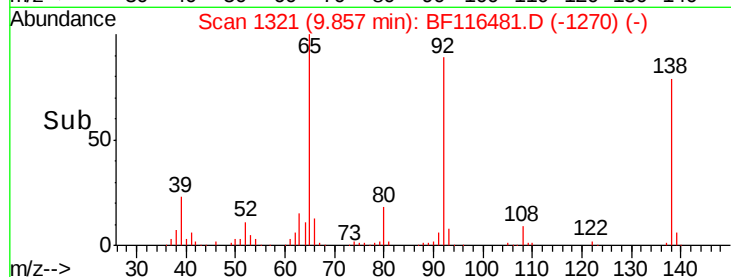
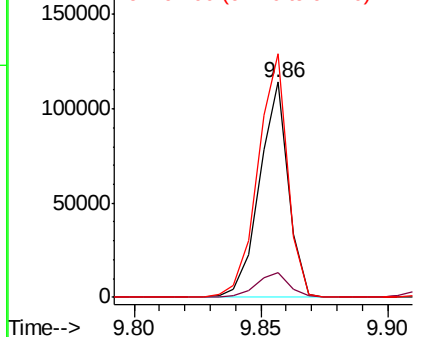


Abundance

Ion 138.00 (137.70 to 138.70): E

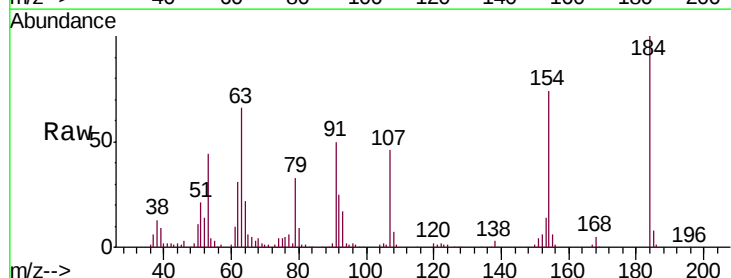
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 69.232 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	78.2	117.4#
154	73.7	320.4	480.6#

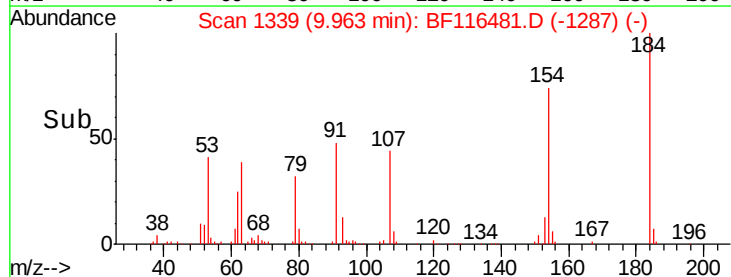
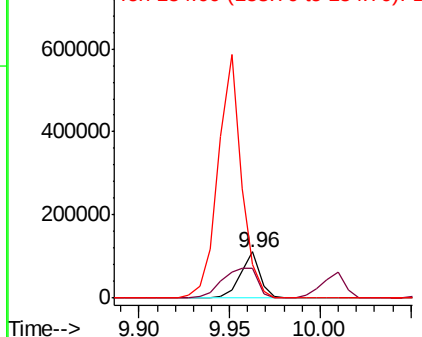


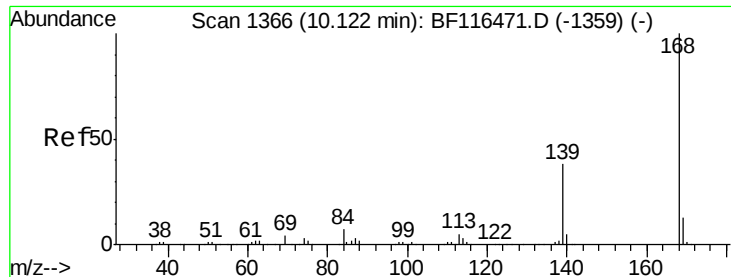
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





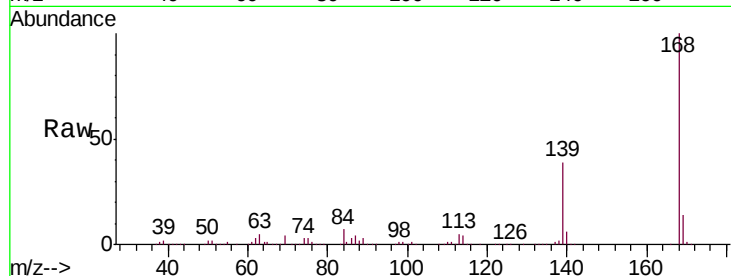
#55
Dibenzenofuran
Concen: 40.346 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	30.7	46.1	
169	13.9	10.7	16.1	

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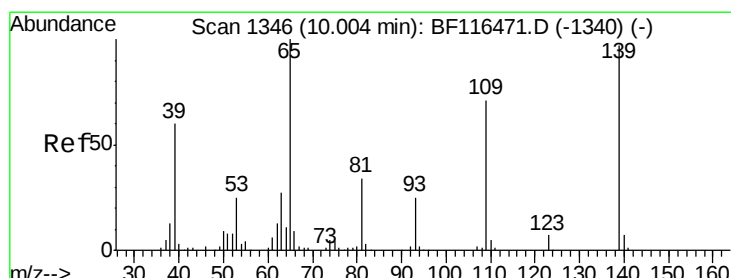
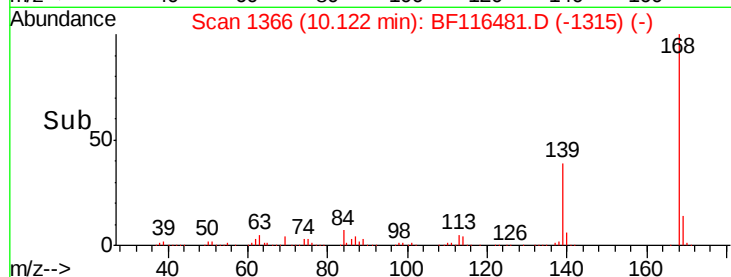
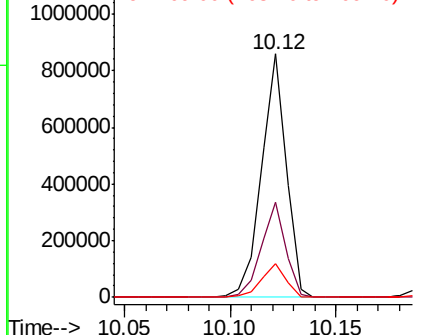


Abundance

Ion 168.00 (167.70 to 168.70): E

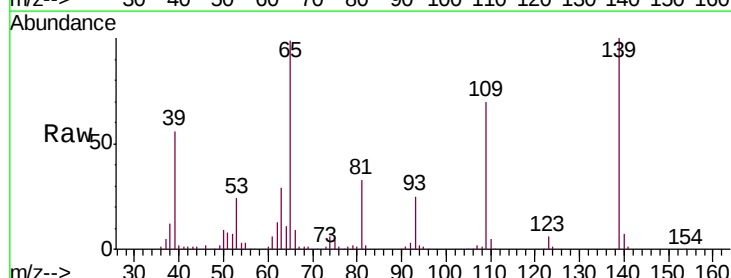
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 69.425 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.8	53.4	93.4	
65	99.3	83.0	123.0	

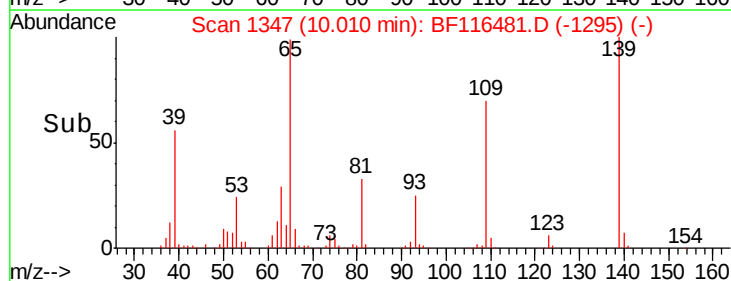
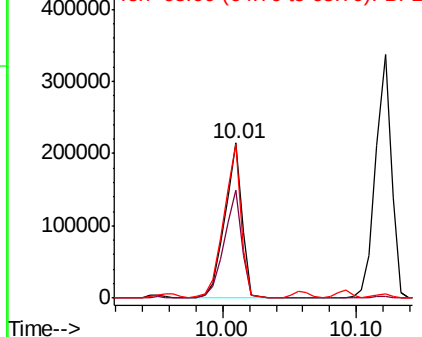


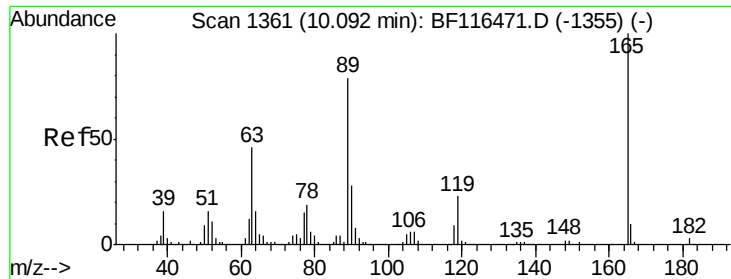
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





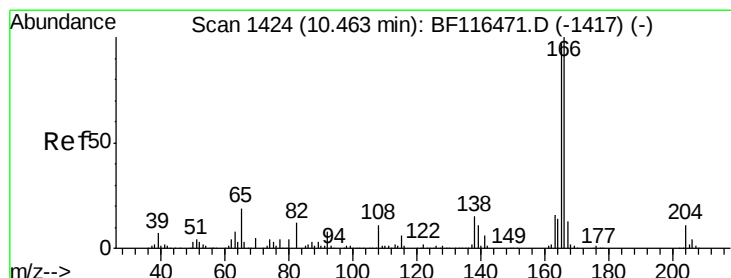
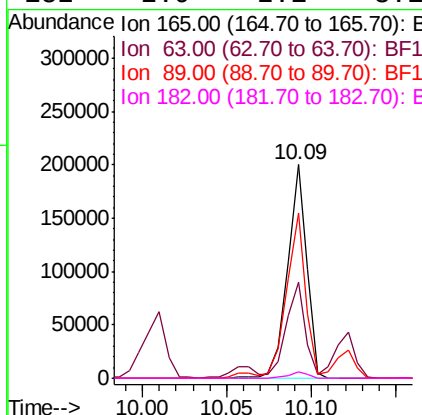
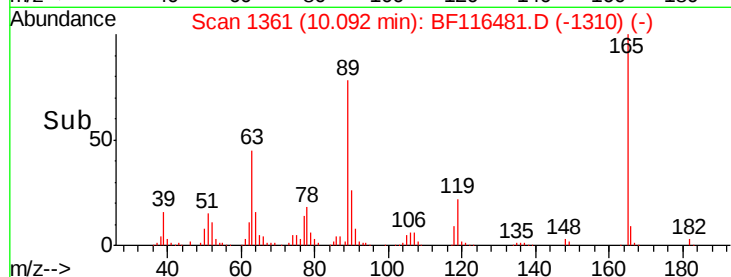
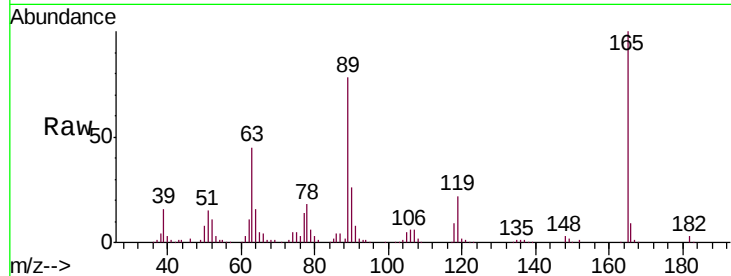
#57
2,4-Dinitrotoluene
Concen: 41.215 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.9	55.3
89	77.5	63.4	95.0
182	2.9	2.1	3.1

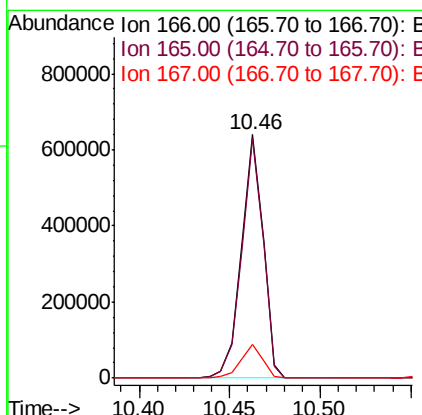
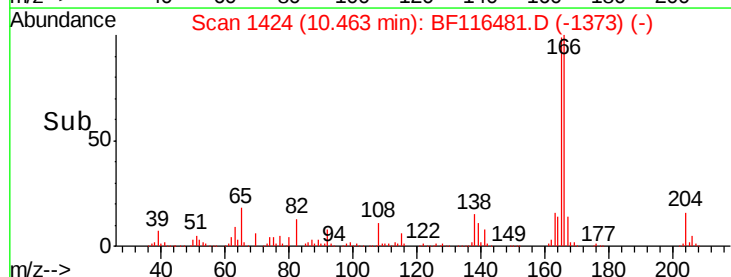
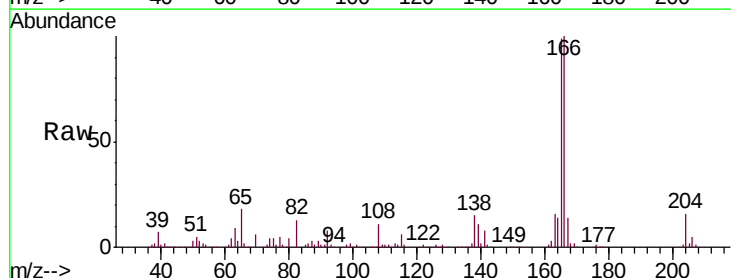
Manual Integrations
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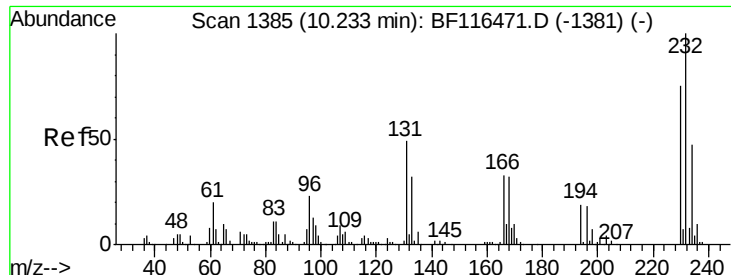
Jagrut
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#58
Fluorene
Concen: 39.370 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.4	116.0
167	13.6	10.8	16.2





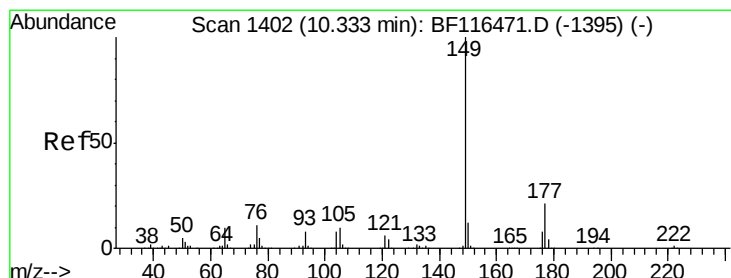
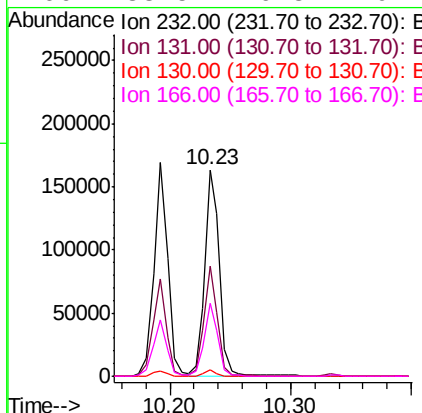
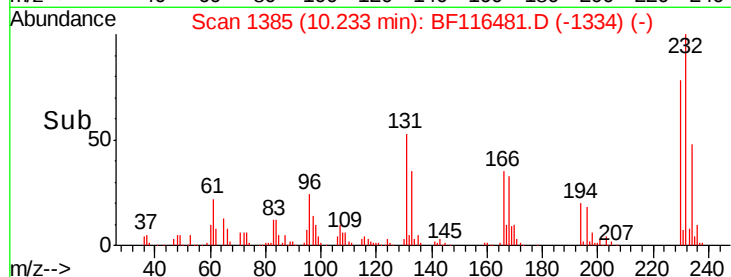
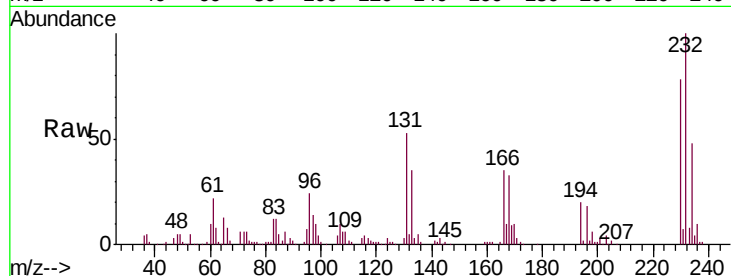
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.662 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampled :
 PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	136990		
131	49.5	40.8	61.2	
130	2.5	1.8	2.8	
166	33.5	26.8	40.2	

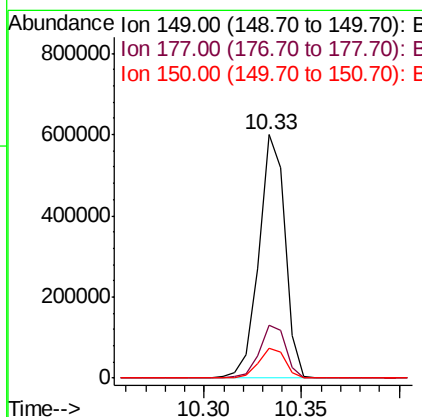
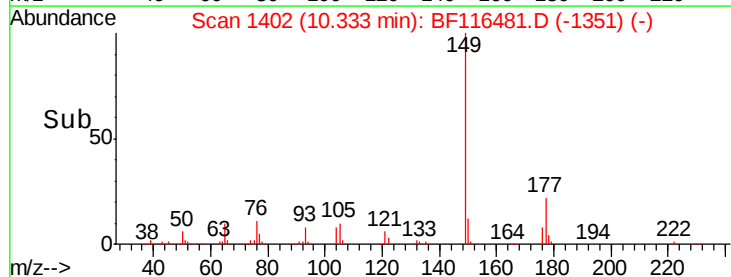
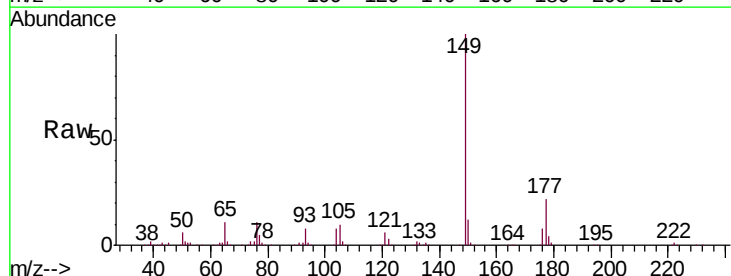
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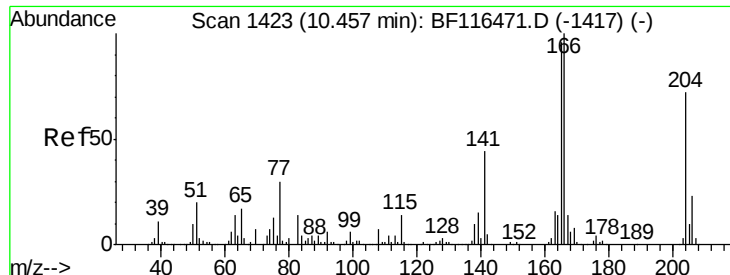
Jagrut
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#60
 Diethylphthalate
 Concen: 37.752 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	554403		
177	21.5	17.1	25.7	
150	12.4	9.8	14.6	





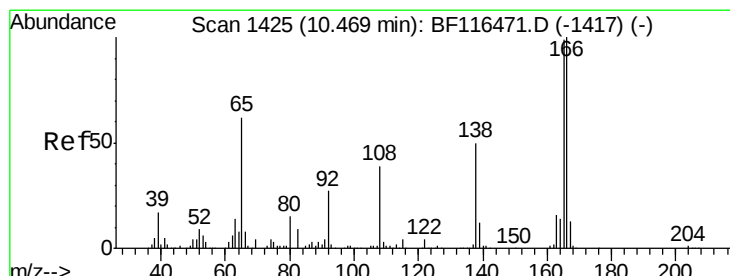
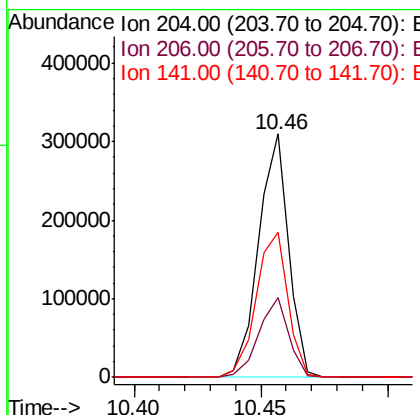
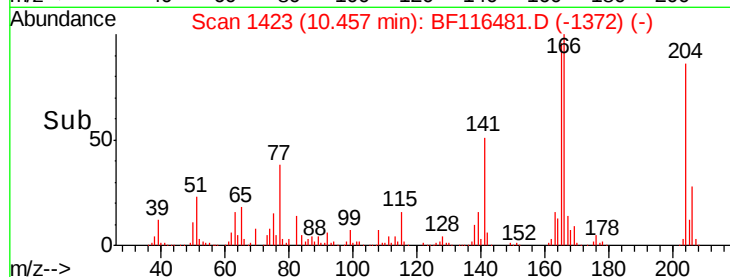
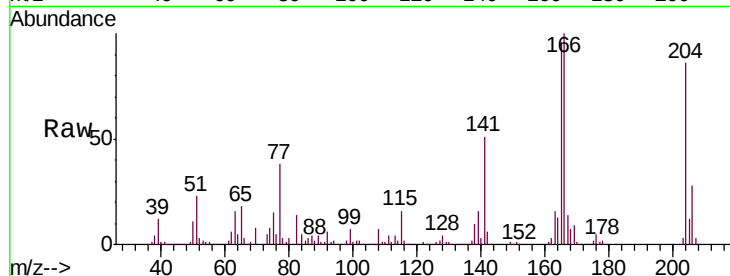
#61
 4-Chlorophenyl-phenylether
 Concen: 39.085 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	257335		
206	32.9		25.9	38.9
141	59.5		48.6	73.0

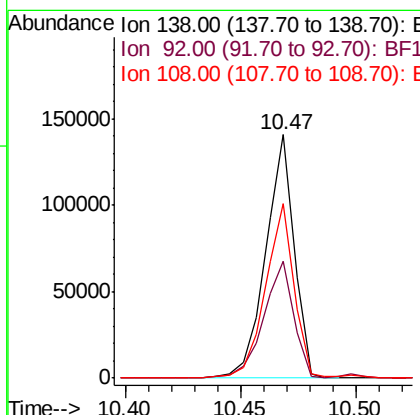
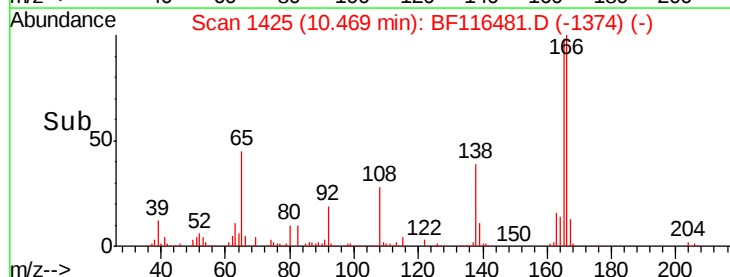
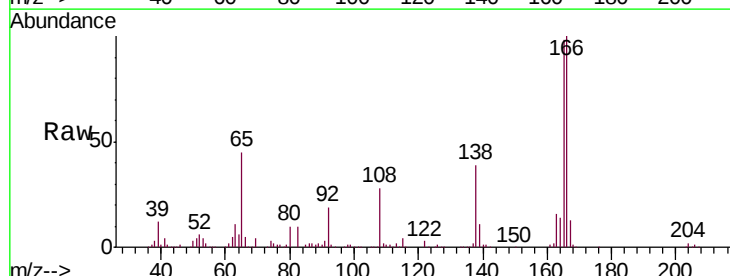
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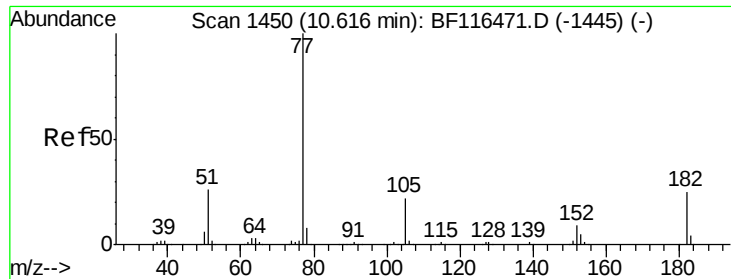
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#62
 4-Nitroaniline
 Concen: 33.876 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	120782		
92	47.8		34.9	74.9
108	71.9		57.7	97.7





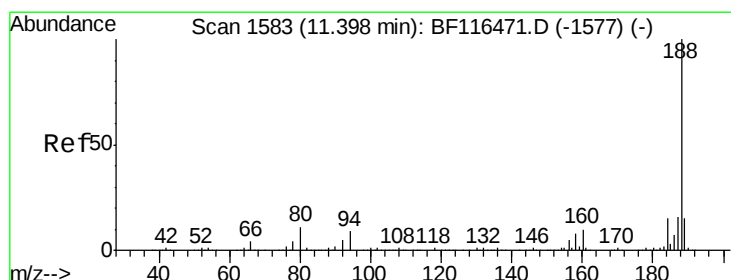
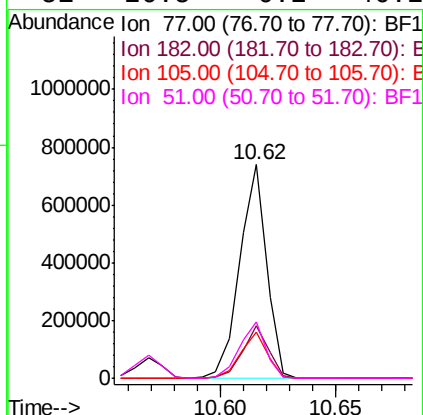
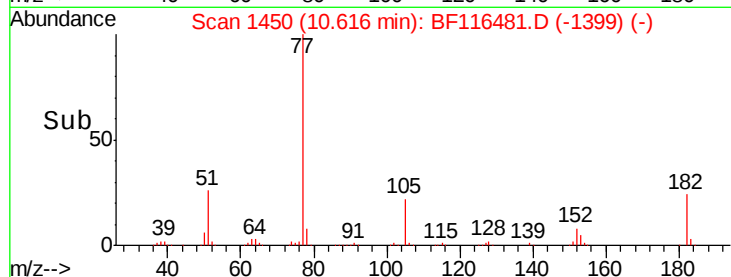
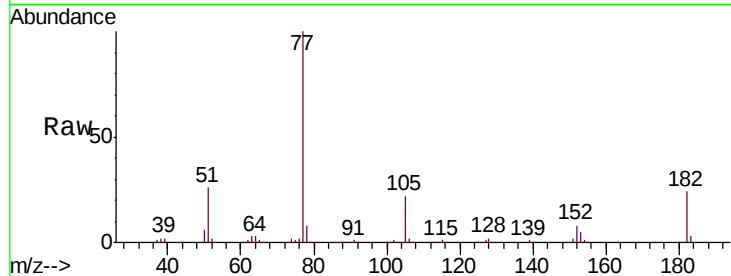
#63
Azobenzene
Concen: 39.857 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.5	5.4	45.4		
105	21.8	1.6	41.6		
51	26.5	6.2	46.2		

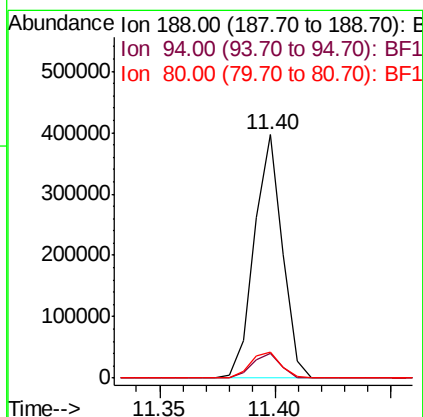
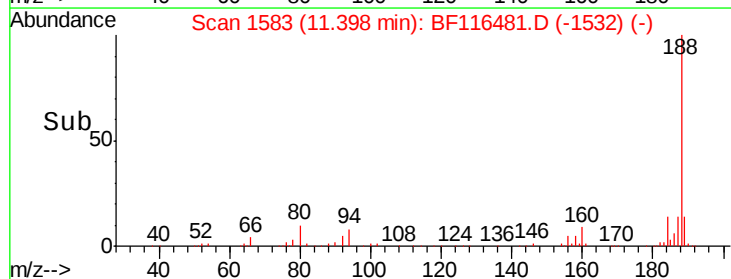
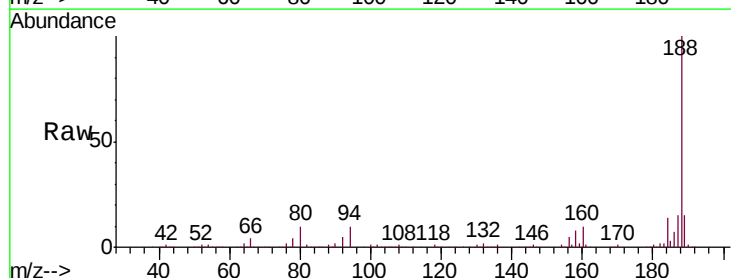
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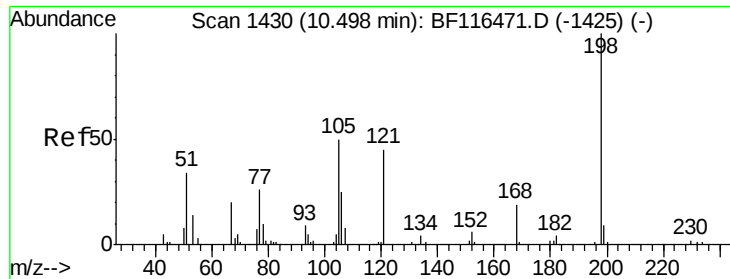
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.1	7.4	11.2		
80	10.5	8.6	12.8		





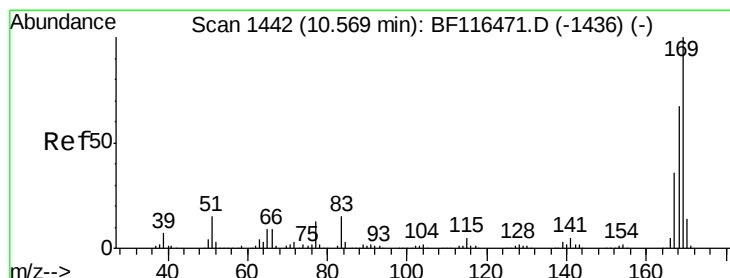
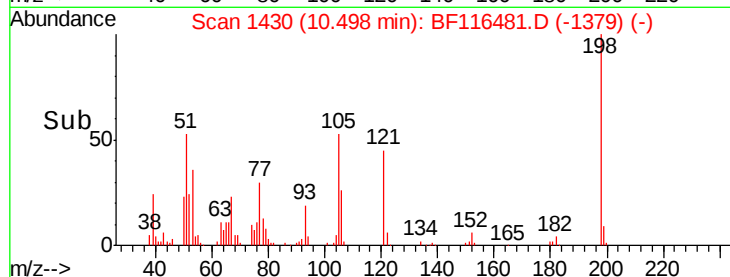
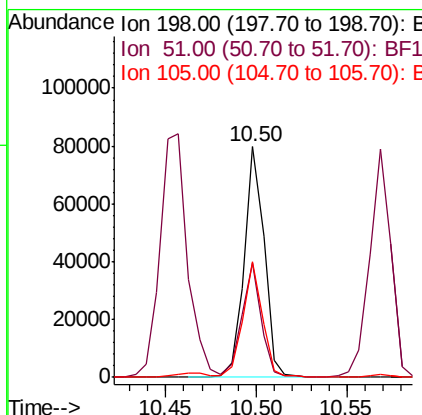
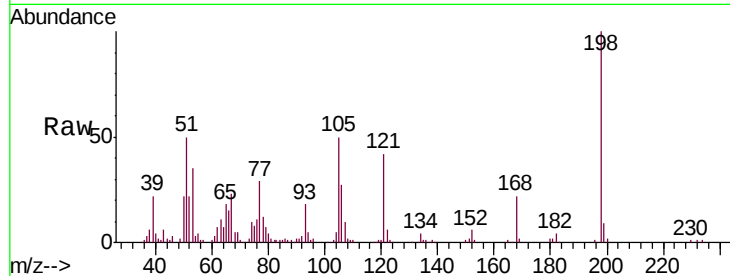
#65
4,6-Dinitro-2-methylphenol
Concen: 44.646 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampled :
PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	60954		
51	49.7		30.4	70.4
105	50.1		32.8	72.8

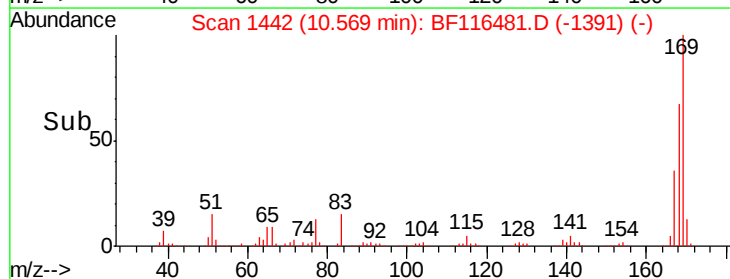
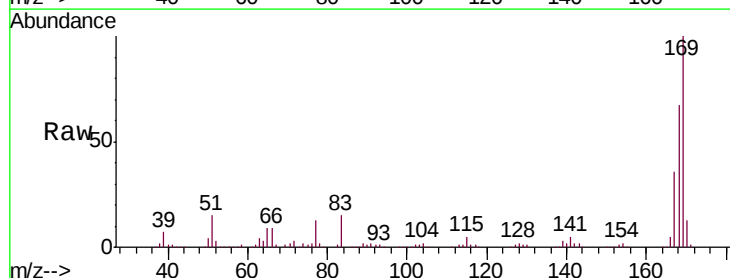
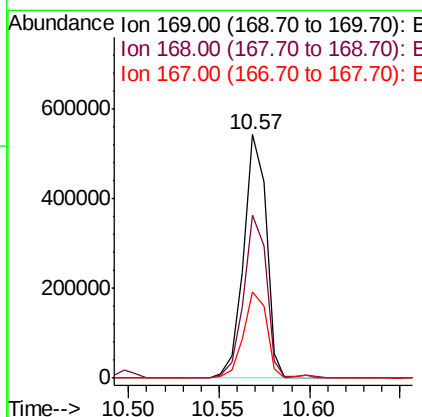
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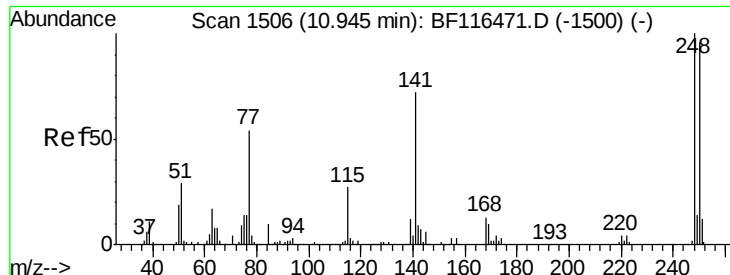
Jagrut
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#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	471807		
168	67.1		53.6	80.4
167	35.6		28.7	43.1





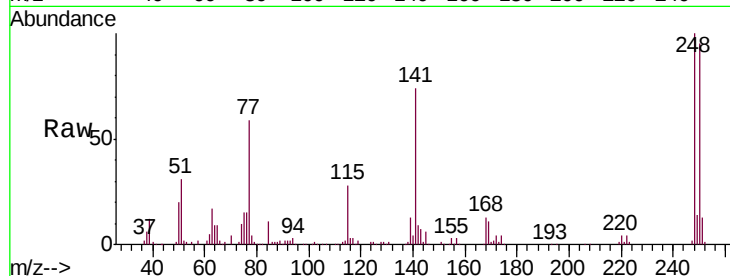
#67
 4-Bromophenyl-phenylether
 Concen: 42.720 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleID :
 PB122393BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.0	115.6
141	74.1	57.4	86.0

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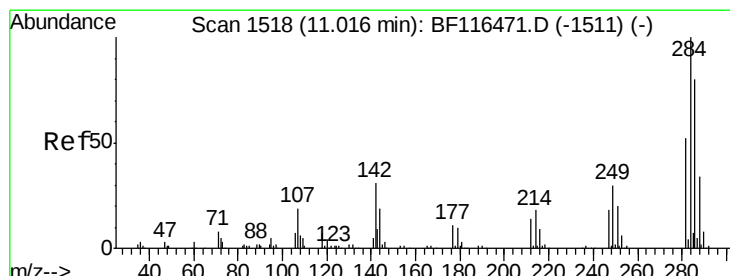
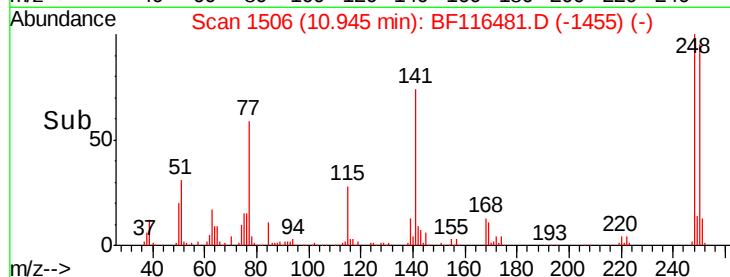
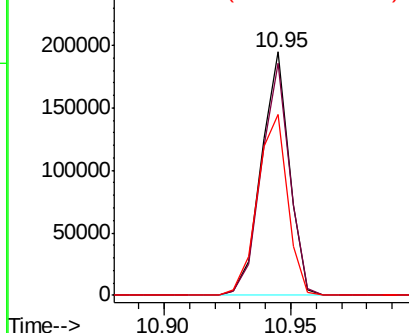


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.161 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

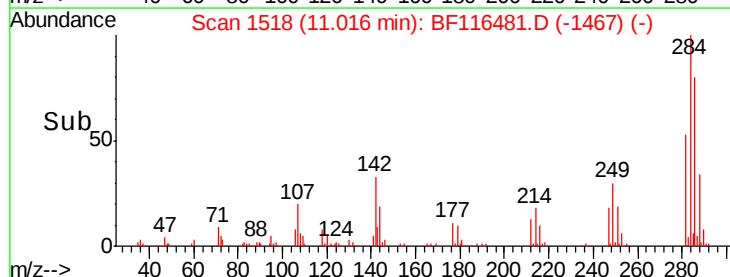
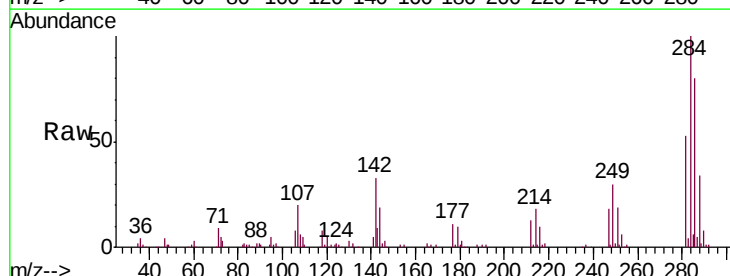
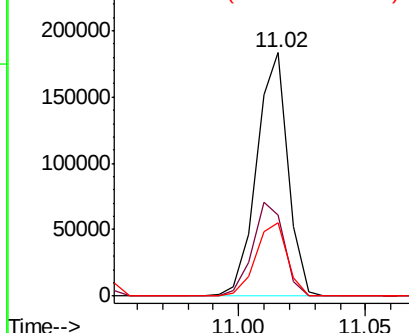
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	24.6	36.8
249	30.1	24.1	36.1

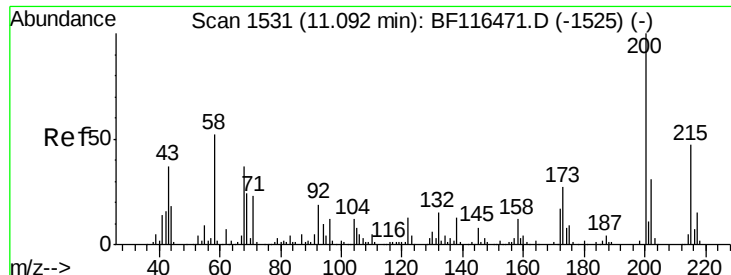
Abundance

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





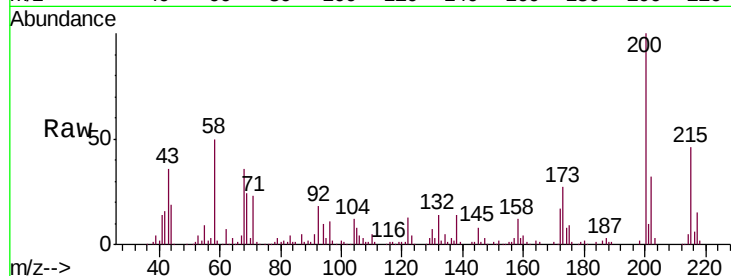
#69
Atrazine
Concen: 39.851 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	7.3	47.3
215	45.9	26.7	66.7

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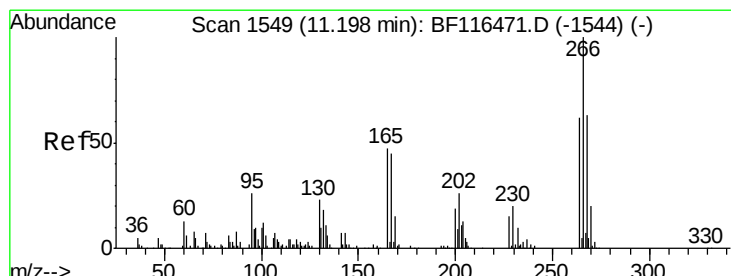
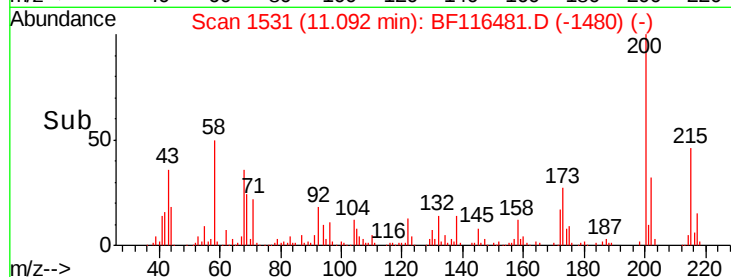
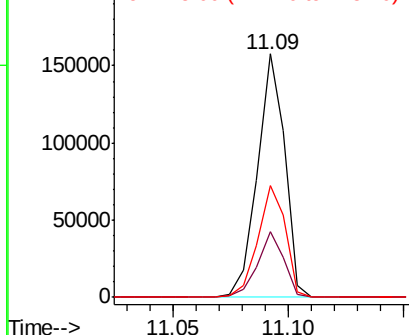


Abundance

Ion 200.00 (199.70 to 200.70): E

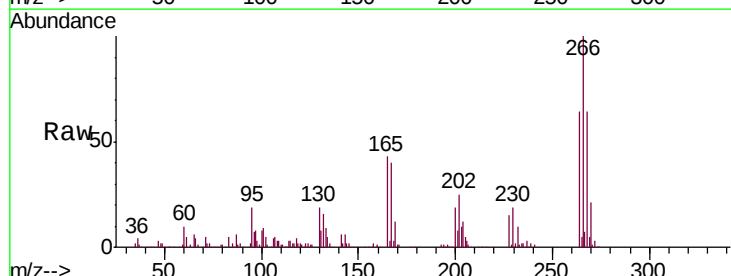
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.894 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.5	50.7	76.1
264	63.6	50.0	75.0

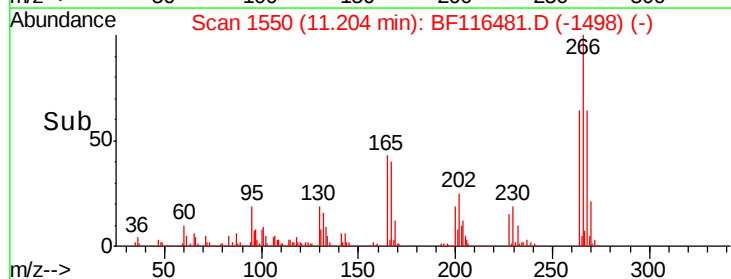
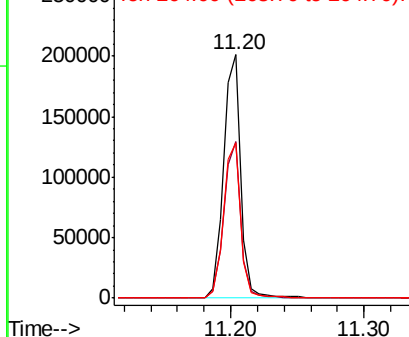


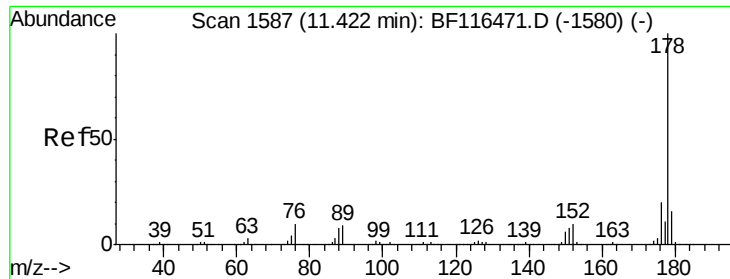
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





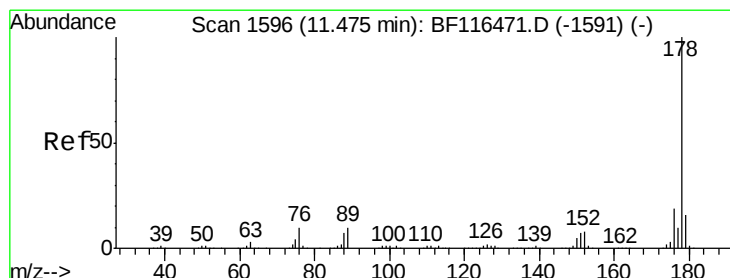
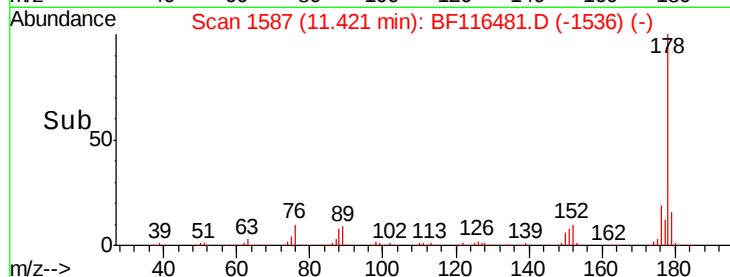
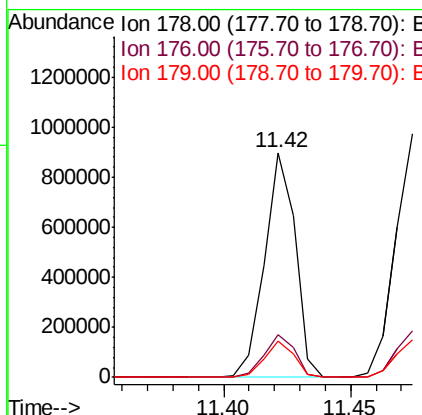
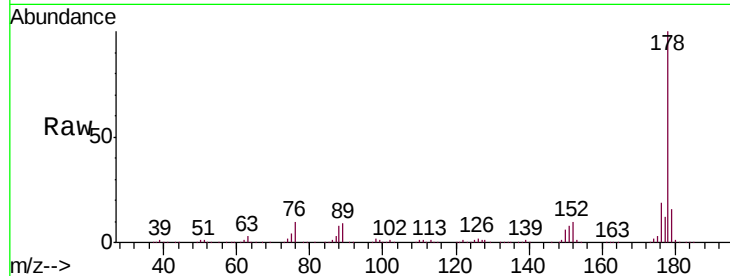
#71
 Phenanthrene
 Concen: 41.728 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.9	12.8	19.2

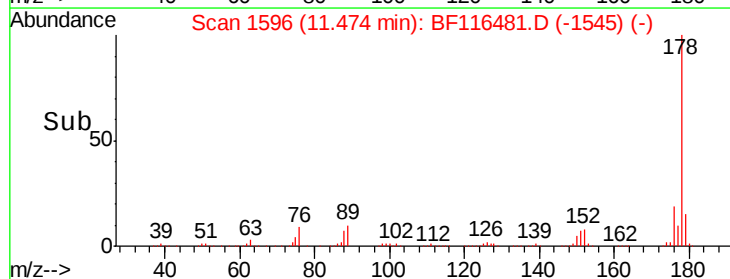
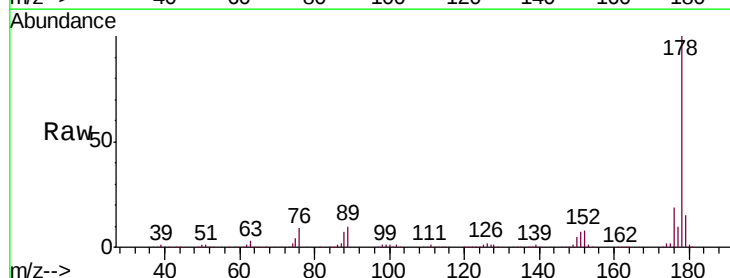
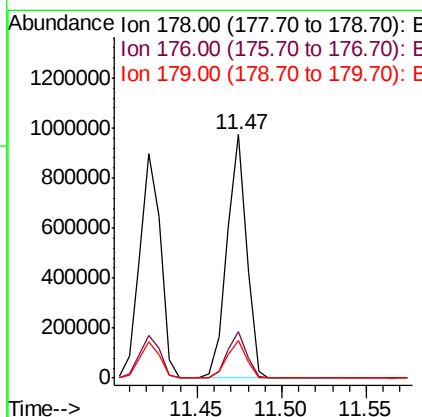
Manual Integrations
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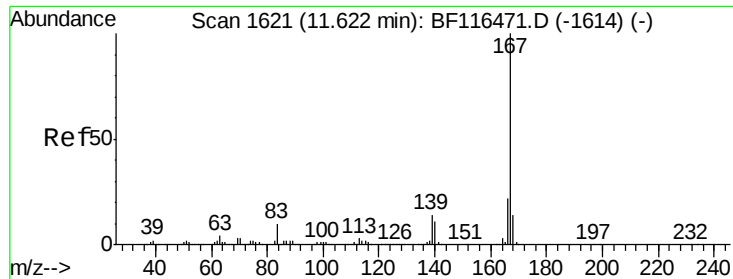
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#72
 Anthracene
 Concen: 42.299 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.5	18.7





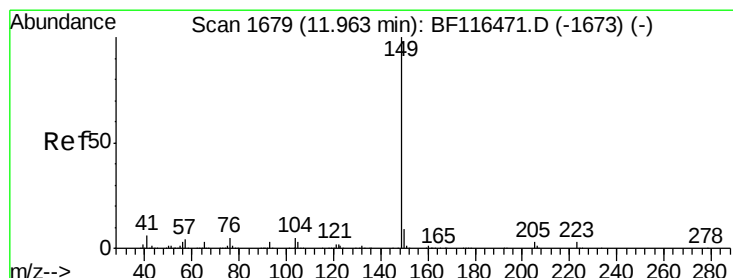
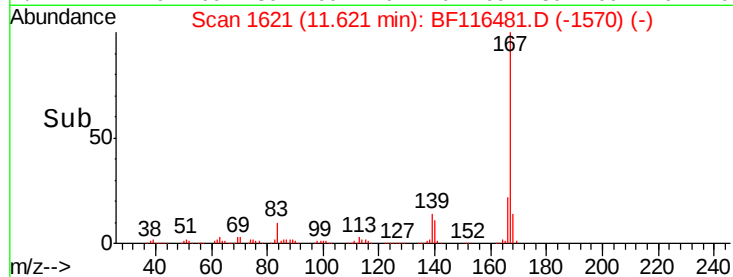
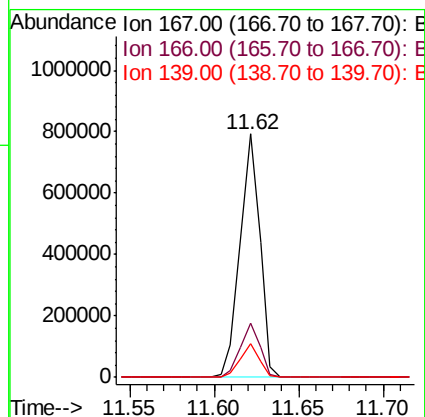
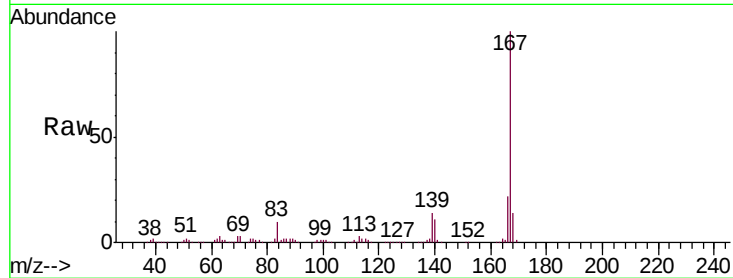
#73
 Carbazole
 Concen: 39.039 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion:	167	Resp:	646983
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	13.6	10.9	16.3

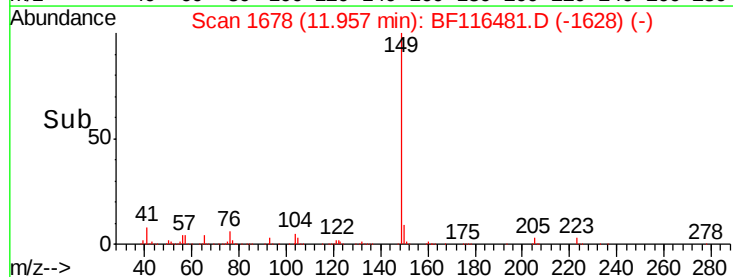
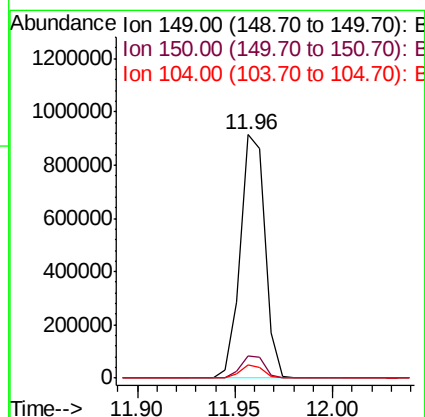
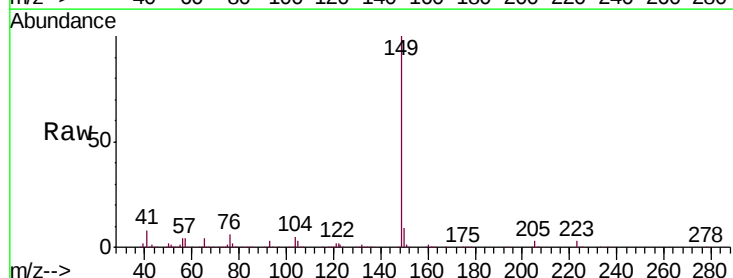
Manual Integrations
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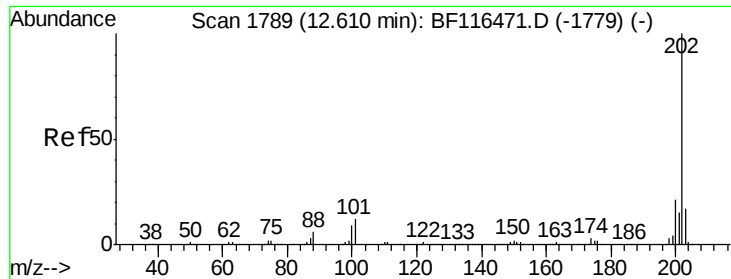
Jagrut
 8/28/2019 8:09:38 AM



#74
 Di-n-butylphthalate
 Concen: 38.982 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:	149	Resp:	800538
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.5	11.3
104	5.3	4.1	6.1





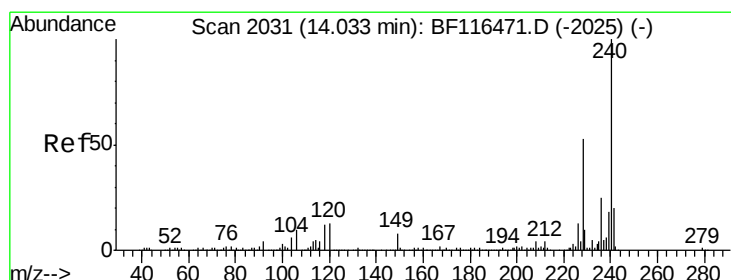
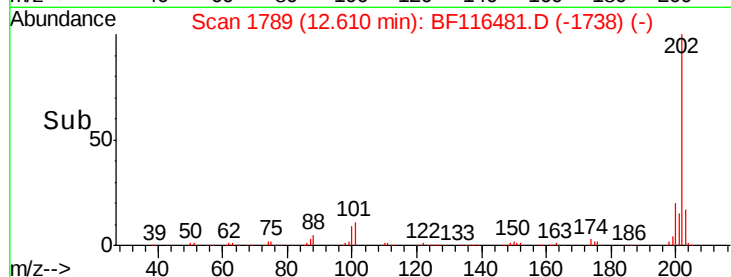
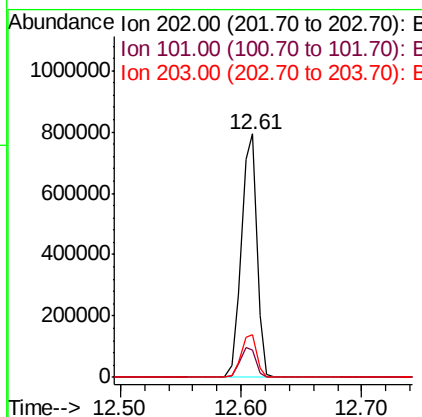
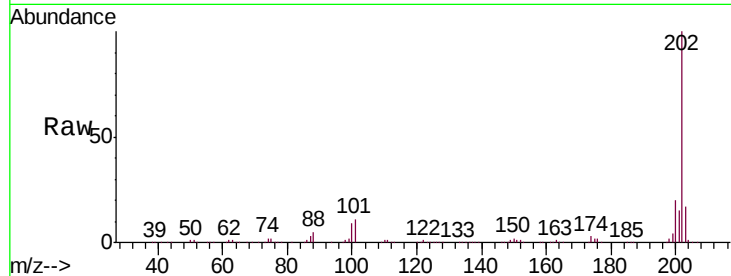
#75
Fluoranthene
Concen: 37.778 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	31.5
203	17.4	0.0	37.5

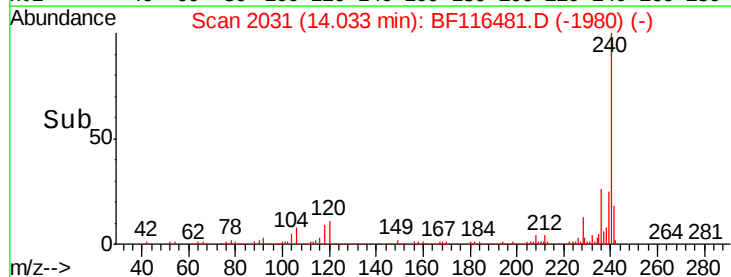
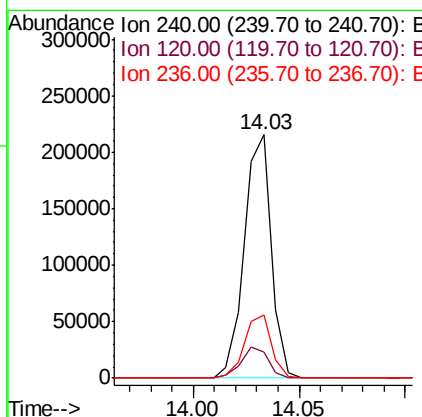
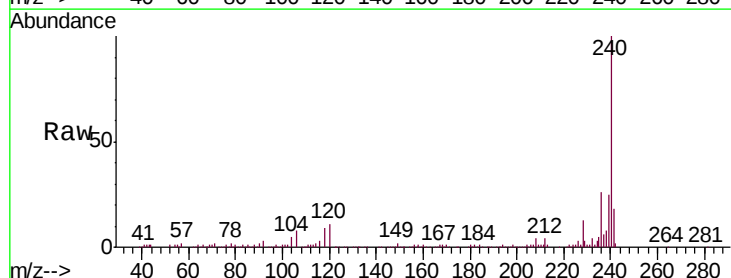
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APPROVED

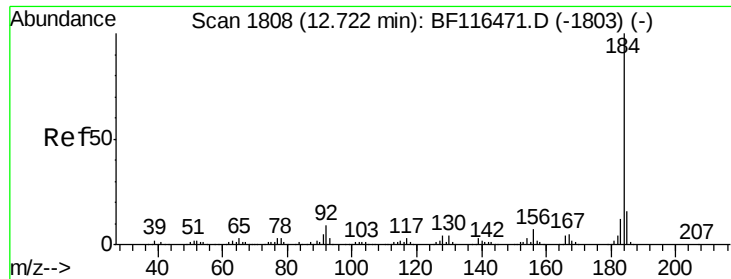
Jagrut
8/28/2019 8:09:38 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	10.5	15.7
236	25.9	20.2	30.2





#77

Benzidine

Concen: 37.749 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

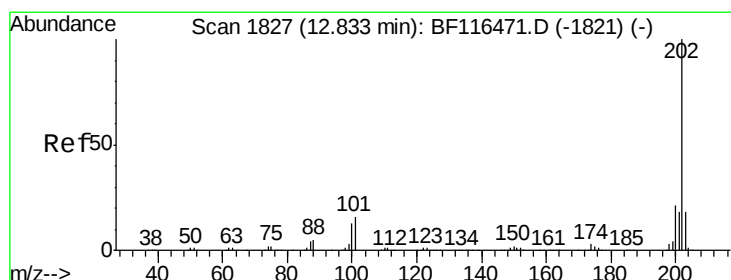
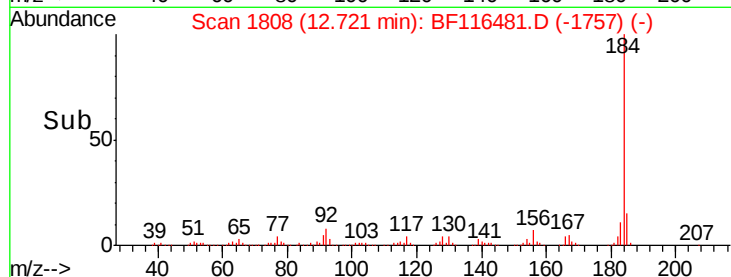
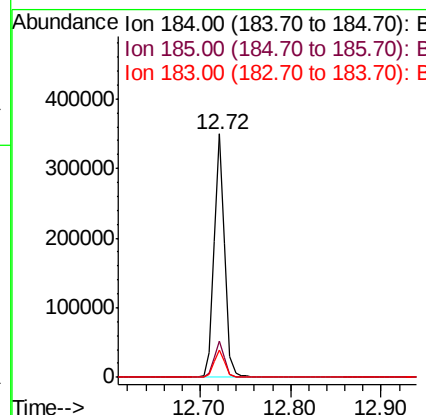
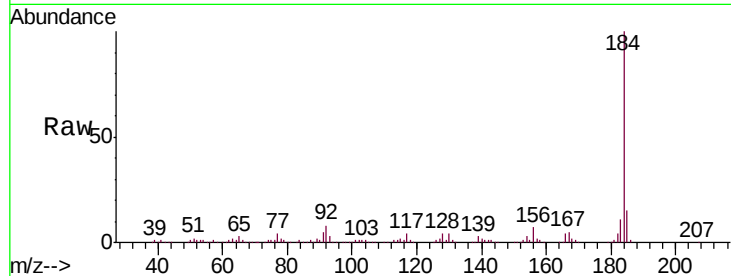
ClientSampleId :

PB122393BS

Tot Ion:	184	Resp:	290823
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.0	19.4
183	11.4	9.8	14.6

Manual Integrations
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#78

Pyrene

Concen: 46.340 ng

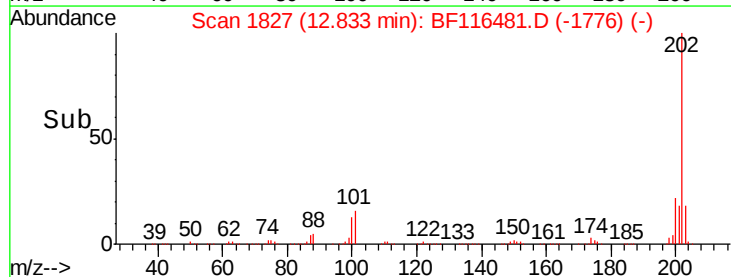
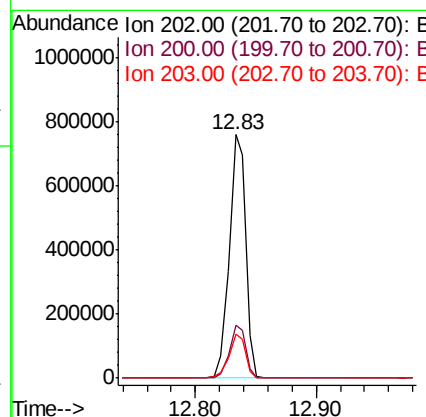
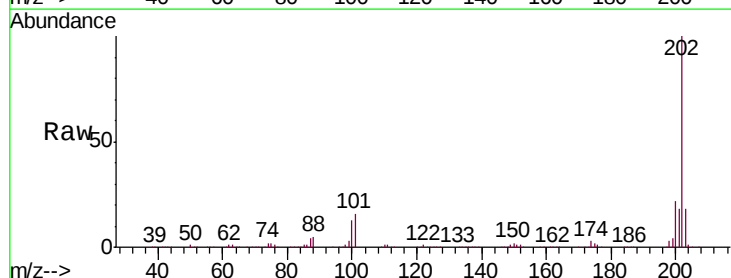
RT: 12.83 min Scan# 1827

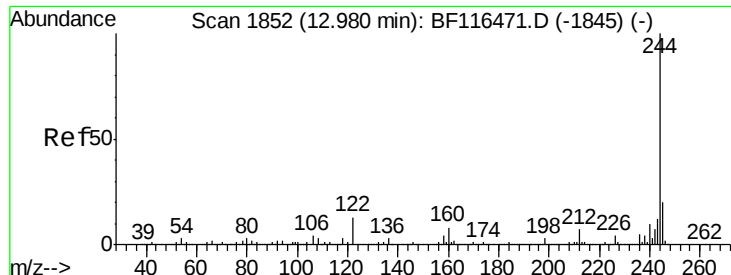
Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:	202	Resp:	709619
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	18.1	14.2	21.4





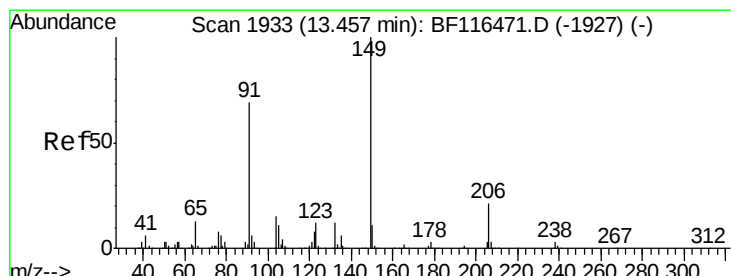
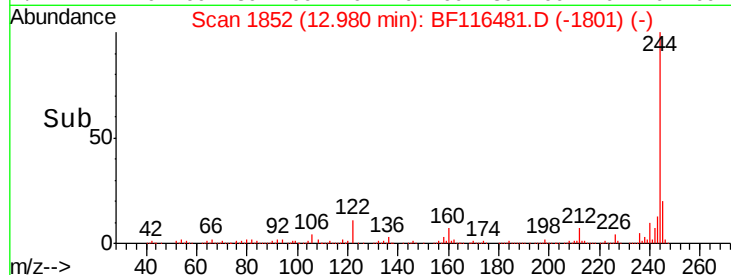
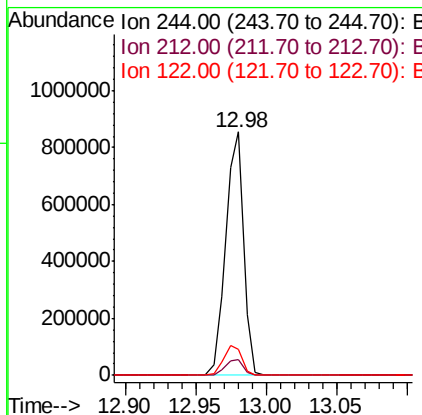
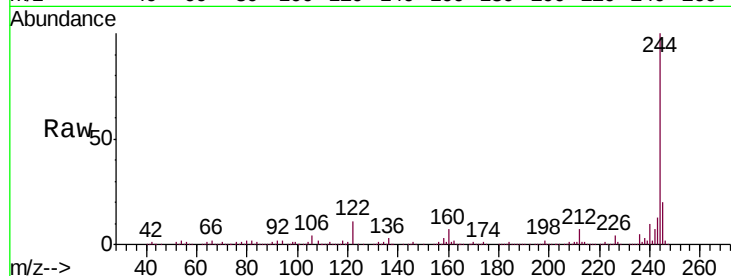
#79
 Terphenyl-d14
 Concen: 73.155 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.9	10.2	15.4

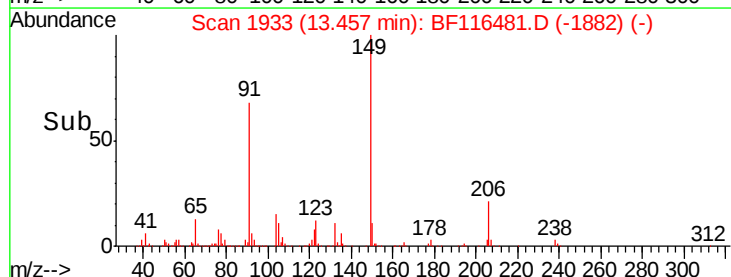
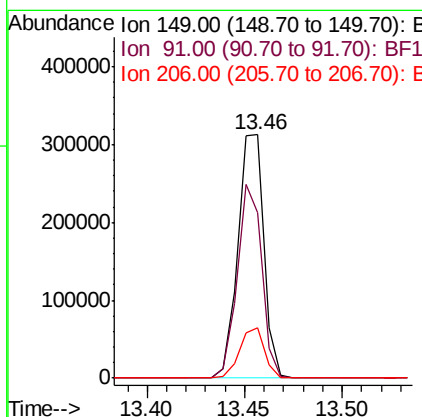
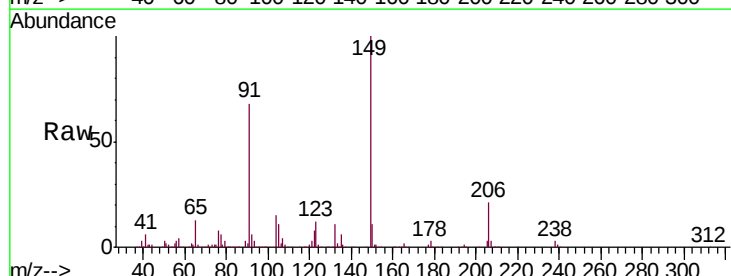
Manual Integrations
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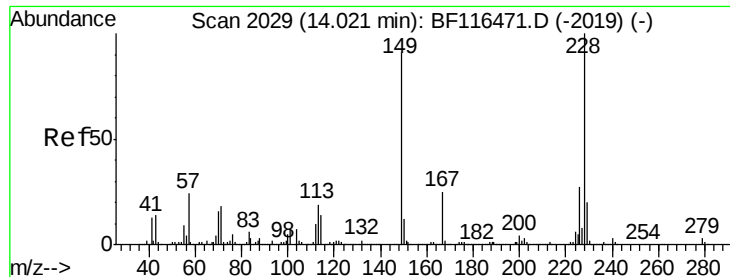
Jagrut
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#80
 Butylbenzylphthalate
 Concen: 43.589 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	54.9	82.3
206	20.5	16.6	24.8





#81

Benzo(a)anthracene

Concen: 41.196 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

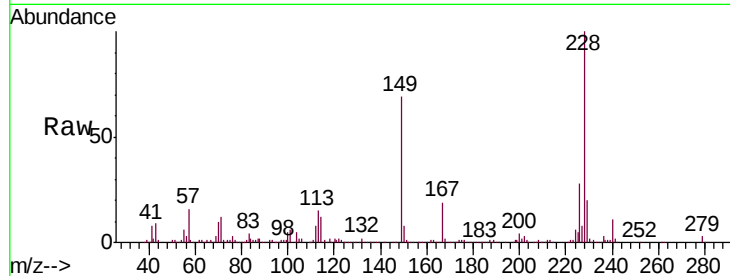
ClientSampleId :

PB122393BS

Tot Ion:	228	Resp:	510899
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.6
229	19.9	15.9	23.9

Manual Integrations
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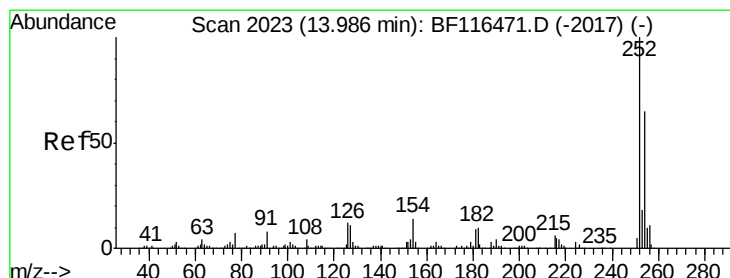
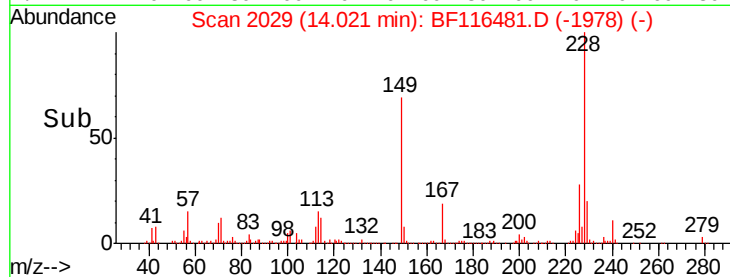
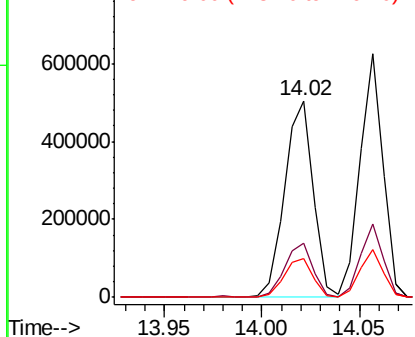


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.784 ng

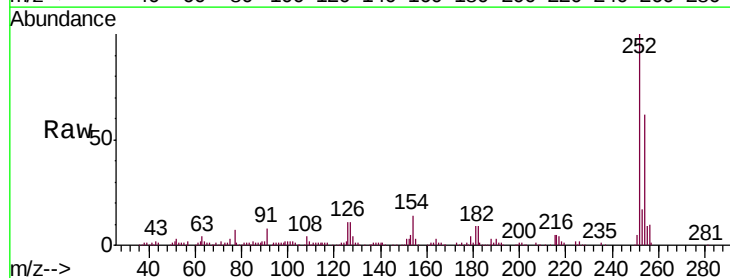
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:	252	Resp:	153730
Ion Ratio	Lower	Upper	
252	100		
254	61.9	51.9	77.9
126	11.4	9.4	14.0

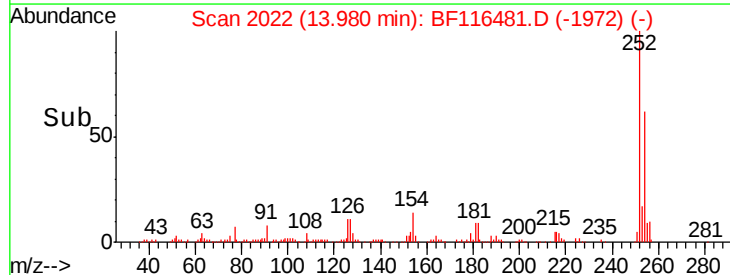
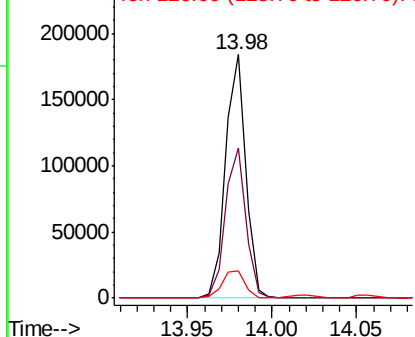


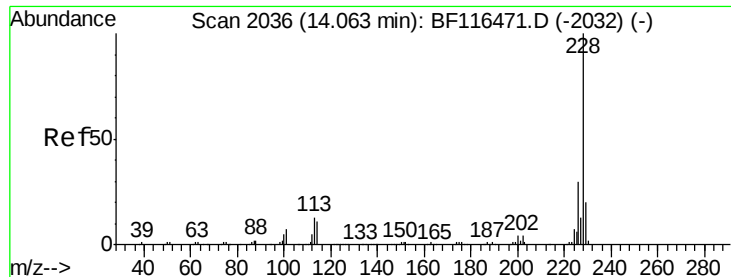
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





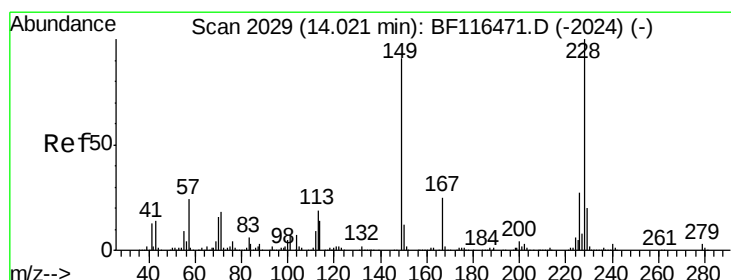
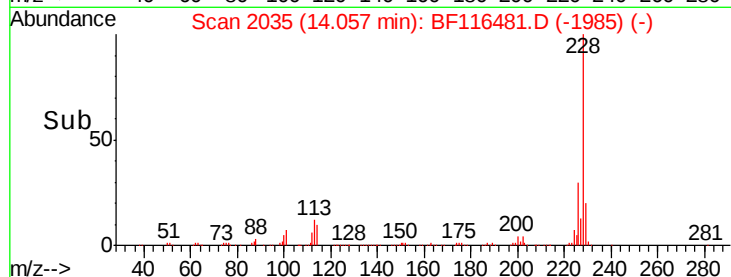
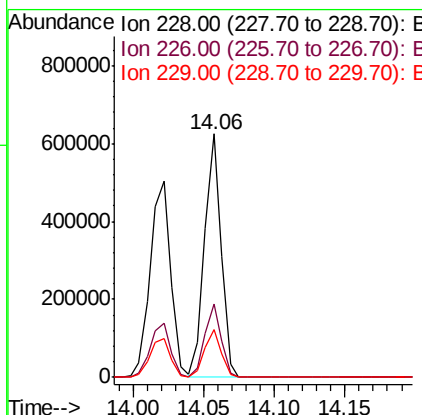
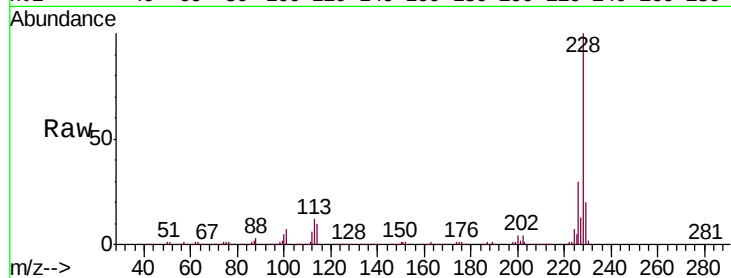
#83
 Chrvsene
 Concen: 40.730 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.7	15.8	23.6

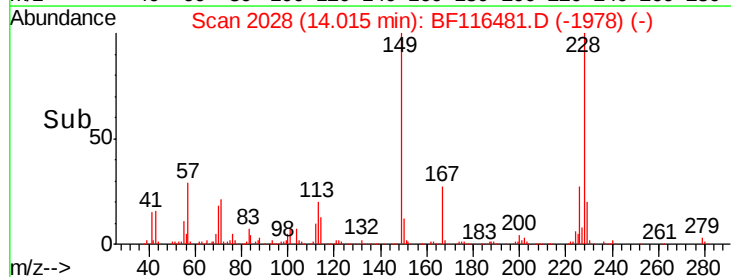
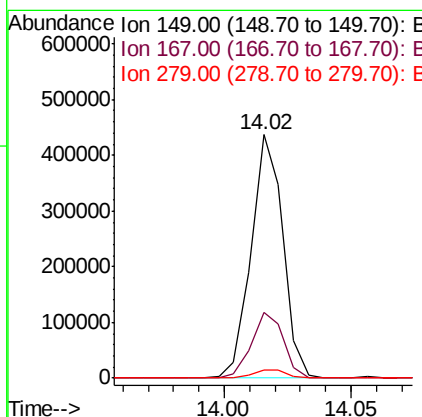
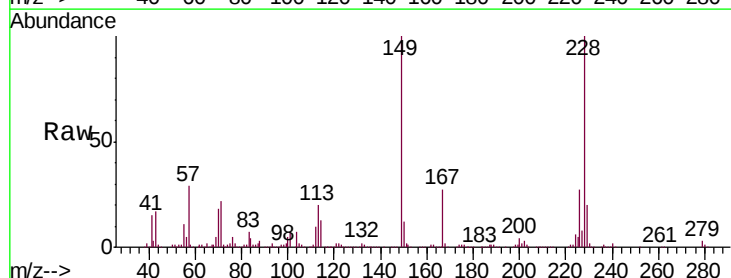
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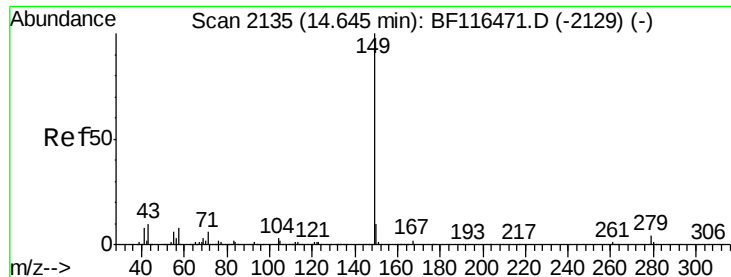
Jagrut
 8/28/2019 8:09:38 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.098 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	3.3	3.0	4.4





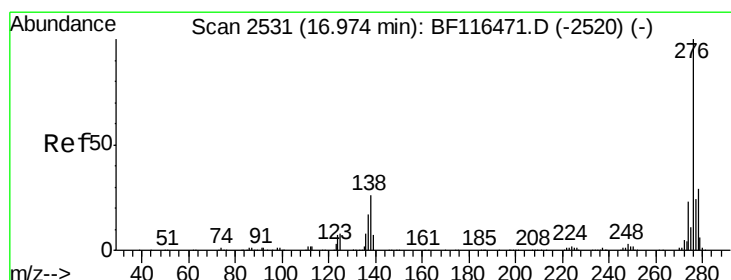
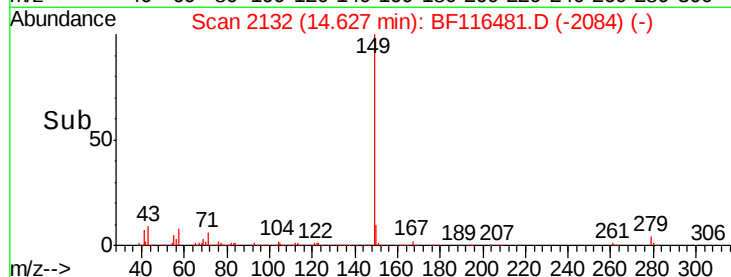
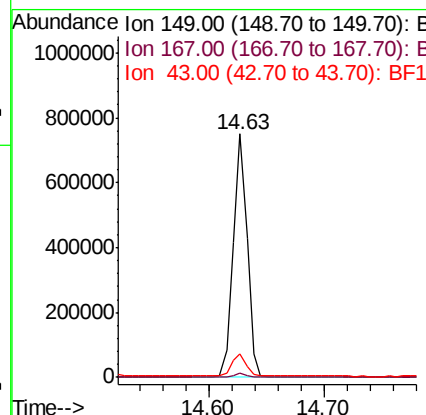
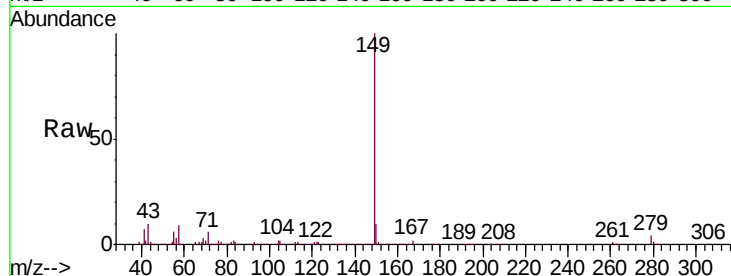
#85
Di-n-octyl phthalate
Concen: 41.912 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	627480		
167	1.5		1.3	1.9
43	9.4		7.8	11.8

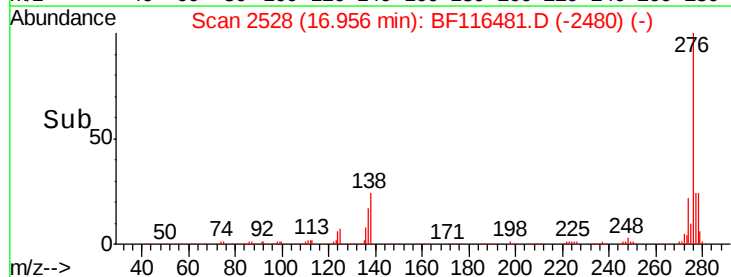
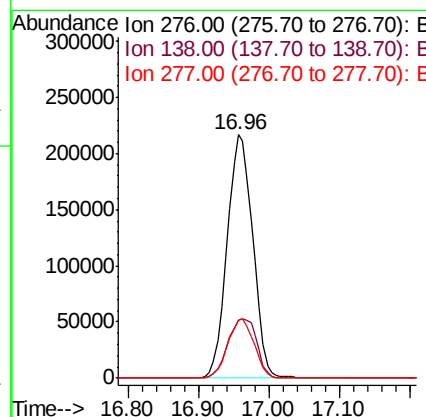
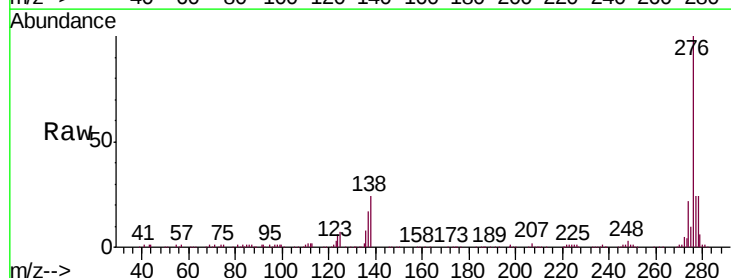
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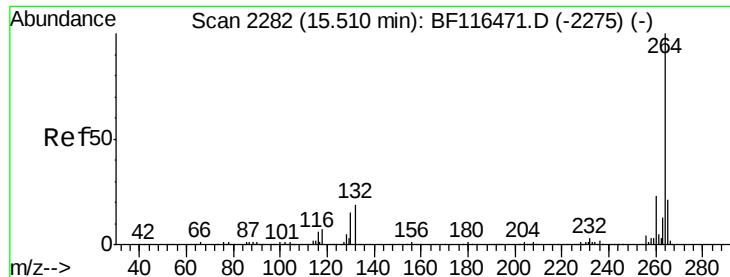
Jagrut
8/28/2019 8:09:38 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.658 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	545473		
138	27.6		22.9	34.3
277	24.9		19.9	29.9





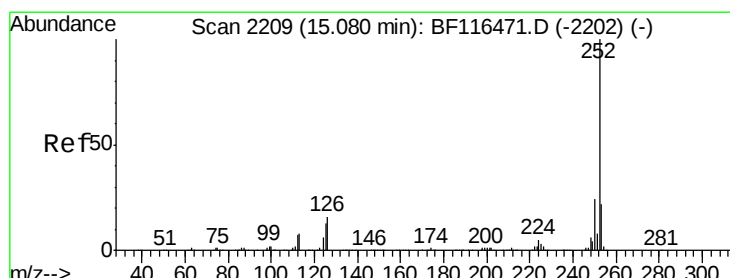
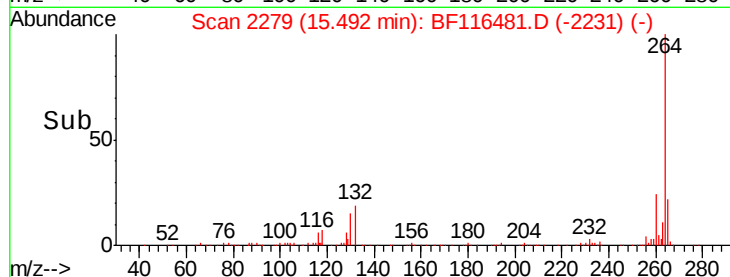
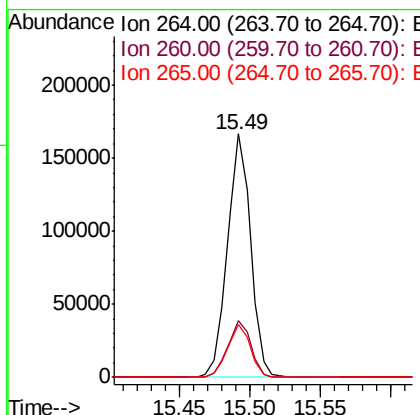
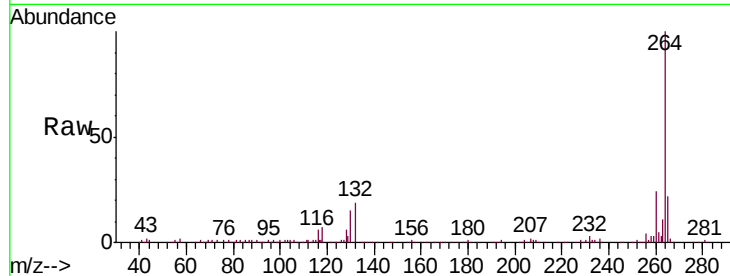
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.1	25.7

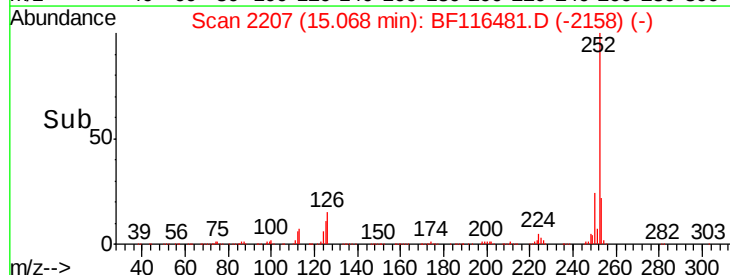
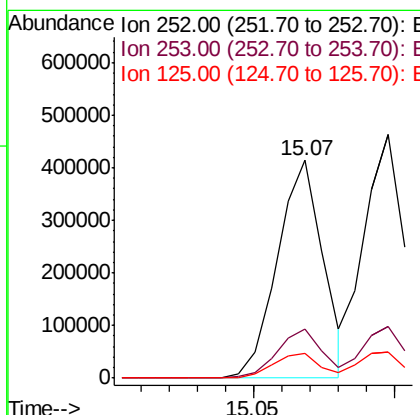
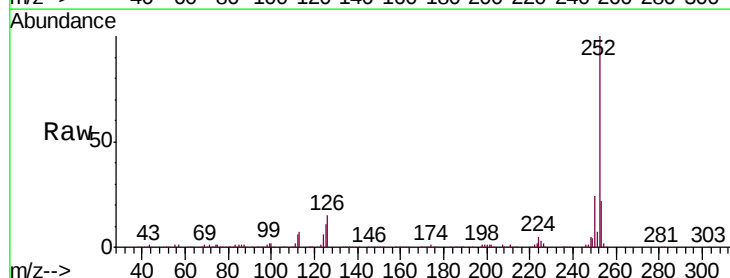
Manual Integrations
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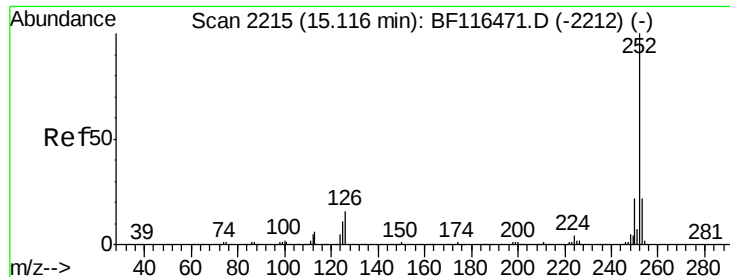
Jagrut
8/28/2019 8:09:38 AM



#88
Benzo(b)fluoranthene
Concen: 39.576 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.5	10.1	15.1





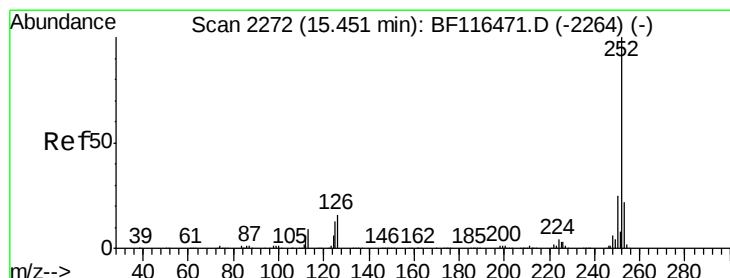
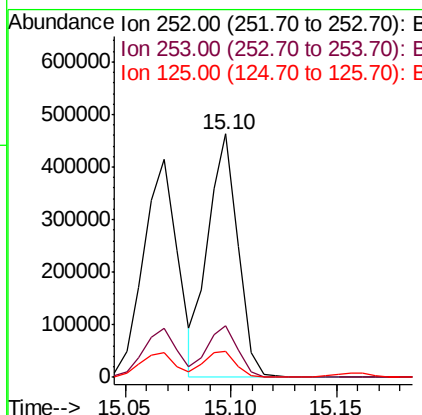
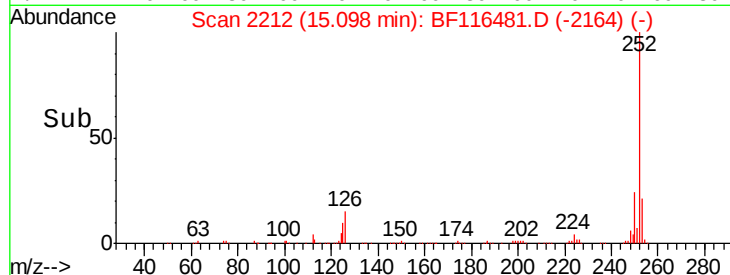
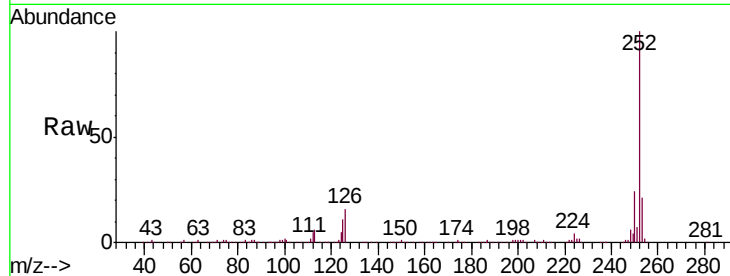
#89
Benzo(k)fluoranthene
Concen: 42.913 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	10.9	9.1	13.7

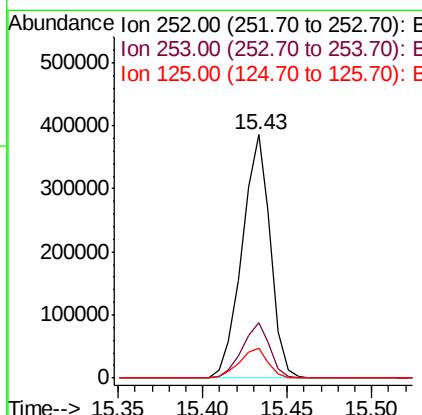
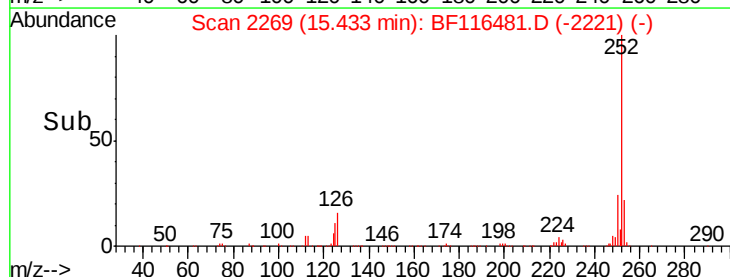
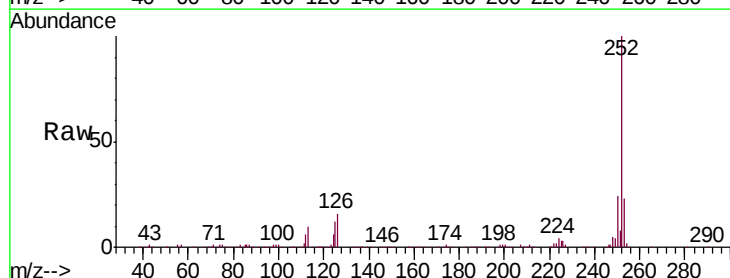
Manual Integrations
APPROVED

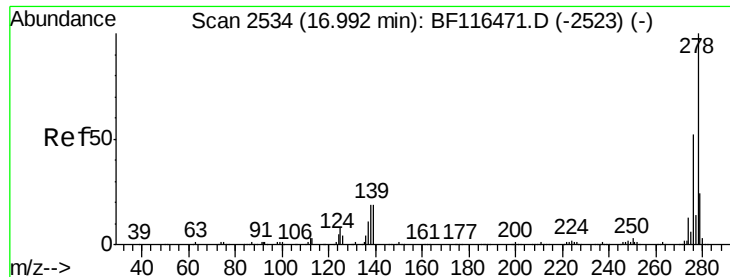
Jagrut
8/28/2019 8:09:38 AM



#90
Benzo(a)pyrene
Concen: 43.513 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.1	10.2	15.4





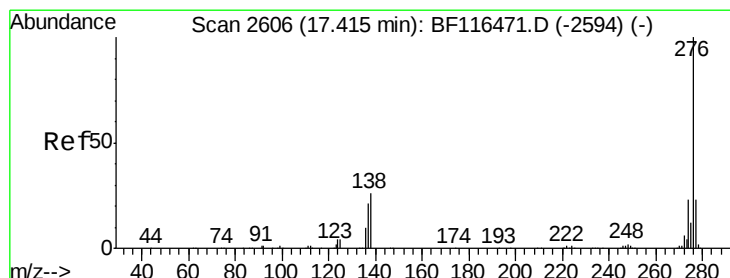
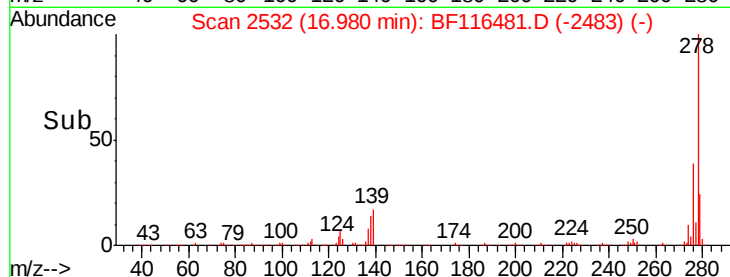
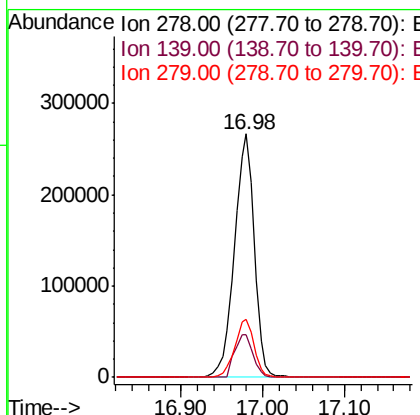
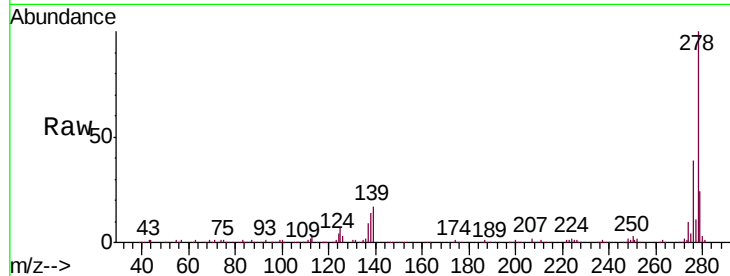
#91
Dibenzo(a,h)anthracene
Concen: 53.162 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.3	22.9
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Jagrut
8/28/2019 8:09:38 AM



#92
Benzo(g,h,i)perylene
Concen: 57.248 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	23.3	20.8	31.2

