

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116423.D
 Acq On : 20 Aug 2019 9:56
 Operator : HP/JU
 Sample : PB122344BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:00 PM

Quant Time: Aug 20 15:17:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122340	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	505653	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	271201	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	469317	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	328983	20.00	ng	-0.01
87) Perylene-d12	15.42	264	257920	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	815760	111.63	ng	0.00
7) Phenol-d6	6.46	99	980861	106.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	643918	73.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	276792	105.27	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1120110	77.36	ng	-0.01
79) Terphenyl-d14	12.90	244	1246947	79.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	134694	36.484	ng	98
3) Pyridine	3.40	79	297062	28.804	ng	97
4) n-Nitrosodimethylamine	3.33	42	142617	35.042	ng	98
6) Aniline	6.47	93	346262	26.223	ng	# 51
8) 2-Chlorophenol	6.60	128	340553	42.142	ng	97
9) Benzaldehyde	6.37	77	76869	12.083	ng	99
10) Phenol	6.47	94	420043	38.686	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	322263	40.370	ng	96
12) 1,3-Dichlorobenzene	6.75	146	358536	38.390	ng	99
13) 1,4-Dichlorobenzene	6.82	146	367294	39.278	ng	98
14) 1,2-Dichlorobenzene	6.97	146	339115	39.384	ng	99
15) Benzyl Alcohol	6.96	79	271153	38.751	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	418984	38.479	ng	59
17) 2-Methylphenol	7.07	107	278110	40.643	ng	# 90
18) Hexachloroethane	7.31	117	133014	38.634	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	238649	41.769	ng	99
20) 3+4-Methylphenols	7.23	107	365373	45.122	ng	# 77
22) Acetophenone	7.22	105	467049	42.116	ng	# 93
24) Nitrobenzene	7.39	77	376218	39.775	ng	99
25) Isophorone	7.63	82	679871	40.588	ng	98
26) 2-Nitrophenol	7.71	139	182764	40.991	ng	95
27) 2,4-Dimethylphenol	7.75	122	301098	44.886	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	417278	40.192	ng	100
29) 2,4-Dichlorophenol	7.96	162	289161	40.826	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	311304	38.558	ng	99
31) Naphthalene	8.10	128	977745	41.090	ng	99
32) Benzoic acid	7.91	122	156889	33.173	ng	98
33) 4-Chloroaniline	8.16	127	287742	27.064	ng	98
34) Hexachlorobutadiene	8.22	225	175991	37.844	ng	98
35) Caprolactam	8.54	113	89714m	39.164	ng	
36) 4-Chloro-3-methylphenol	8.66	107	301234	40.882	ng	99
37) 2-Methylnaphthalene	8.80	142	641311	40.923	ng	99
38) 1-Methylnaphthalene	8.90	142	605897	40.869	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	297728	41.064	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	110801	37.444	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	183361	36.742	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	189919	36.816	ng	97
46) 1,1'-Biphenyl	9.26	154	791405	41.334	ng	100
47) 2-Chloronaphthalene	9.29	162	621294	38.987	ng	100
48) 2-Nitroaniline	9.39	65	193495	36.735	ng	95
49) Acenaphthylene	9.70	152	926520	39.853	ng	98
50) Dimethylphthalate	9.56	163	717934	38.879	ng	100
51) 2,6-Dinitrotoluene	9.63	165	159487	39.743	ng #	82
52) Acenaphthene	9.87	154	564264	39.562	ng	99
53) 3-Nitroaniline	9.80	138	132775	26.777	ng	100
54) 2,4-Dinitrophenol	9.93	184	108120	55.613	ng	99
55) Dibenzofuran	10.05	168	792796	38.222	ng	99
56) 4-Nitrophenol	9.99	139	178555	56.213	ng	93
57) 2,4-Dinitrotoluene	10.05	165	196347	36.749	ng	92
58) Fluorene	10.39	166	657979	41.231	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	171571	39.532	ng	96
60) Diethylphthalate	10.26	149	695595	40.347	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	331676	41.039	ng	100
62) 4-Nitroaniline	10.42	138	153974	30.048	ng	98
63) Azobenzene	10.53	77	721933	40.712	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	97529	39.214	ng	100
66) n-Nitrosodiphenylamine	10.50	169	581241	41.147	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	199038	39.617	ng	98
68) Hexachlorobenzene	10.94	284	222345	38.273	ng	96
69) Atrazine	11.02	200	172366	37.091	ng	99
70) Pentachlorophenol	11.15	266	157412	55.810	ng	99
71) Phenanthrene	11.35	178	958219	39.938	ng	99
72) Anthracene	11.40	178	984432	40.543	ng	99
73) Carbazole	11.56	167	880385	39.964	ng	100
74) Di-n-butylphthalate	11.87	149	1112650	43.297	ng	99
75) Fluoranthene	12.54	202	1008250	40.141	ng	98
77) Benzidine	12.66	184	202051	18.179	ng	99
78) Pyrene	12.77	202	1029381	41.509	ng	100
80) Butylbenzylphthalate	13.37	149	469967	44.801	ng	98
81) Benzo(a)anthracene	13.96	228	841429	40.016	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	261820	35.840	ng	100
83) Chrysene	13.99	228	822249	40.278	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	661009	48.490	ng	98
85) Di-n-octyl phthalate	14.53	149	1048776	48.437	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	710505	41.439	ng	99
88) Benzo(b)fluoranthene	15.00	252	766508	51.398	ng	99
89) Benzo(k)fluoranthene	15.03	252	683517	47.056	ng	98
90) Benzo(a)pyrene	15.36	252	684513	51.346	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	606220	52.534	ng	98
92) Benzo(g,h,i)perylene	17.32	276	600426	52.980	ng	98

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

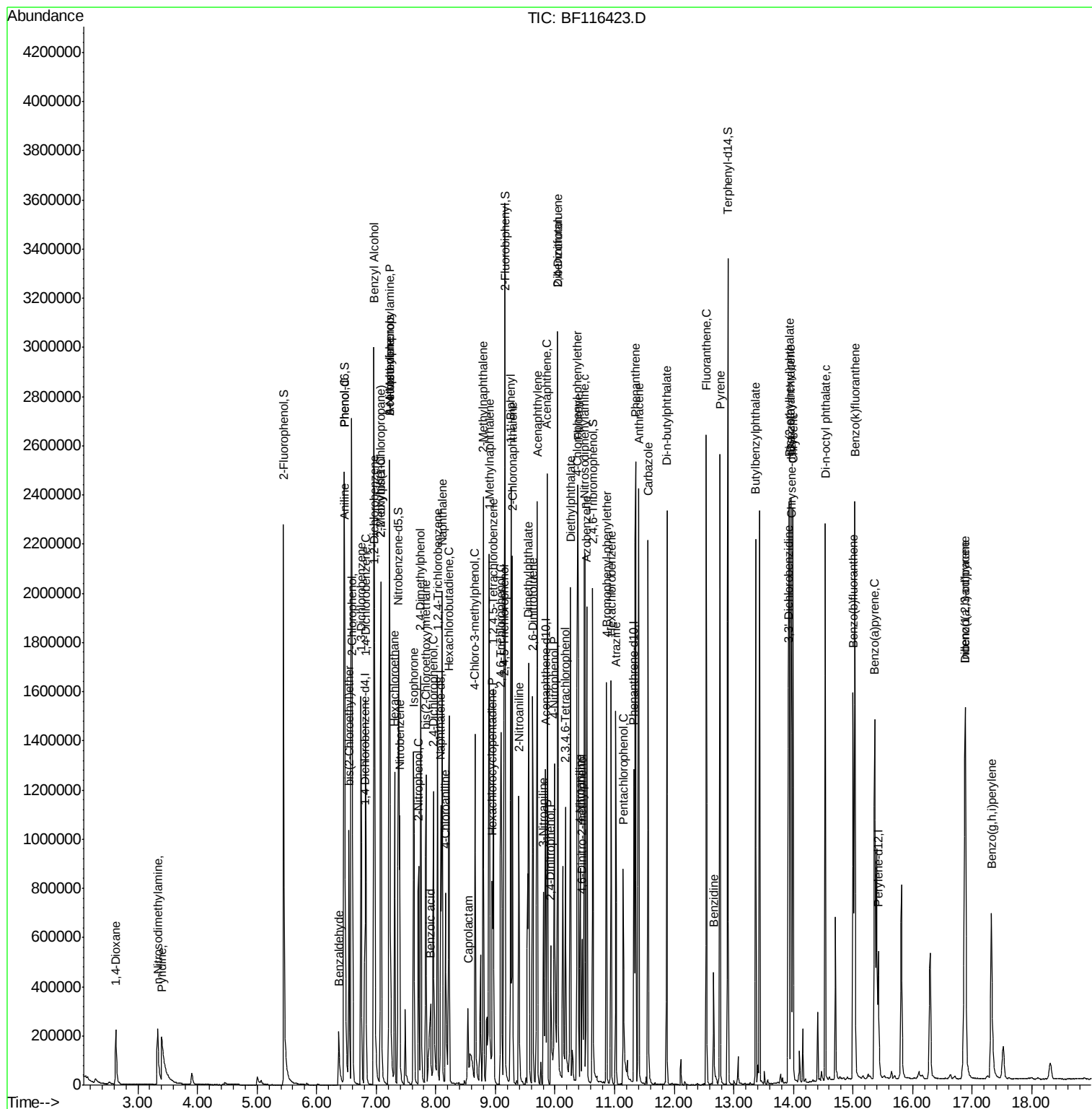
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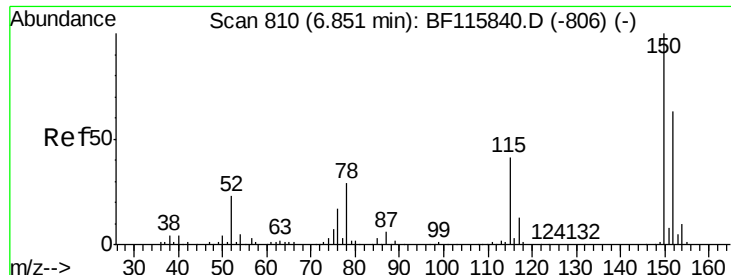
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

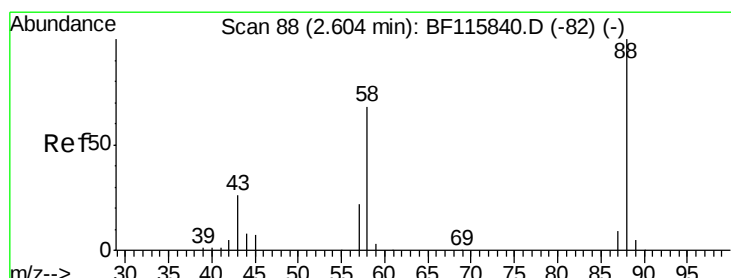
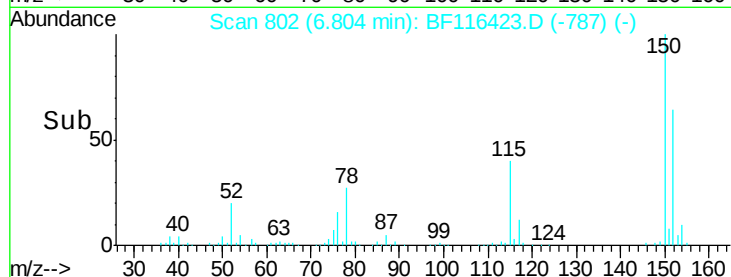
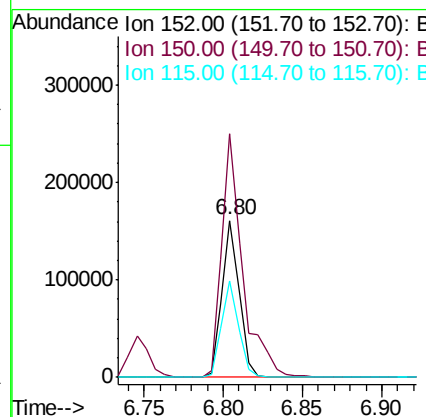
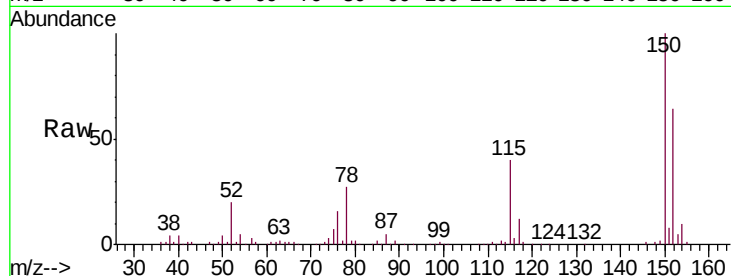
ClientSampleId :

PB122344BS

Tgt Ion:	152	Resp:	122340
Ion Ratio	Lower	Upper	
152	100		
150	155.1	126.2	189.2
115	61.6	49.9	74.9

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#2

1,4-Dioxane

Concen: 36.484 ng

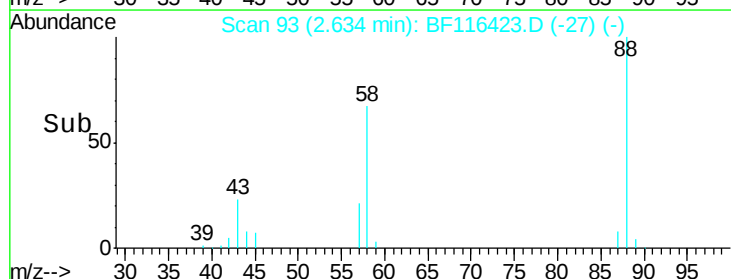
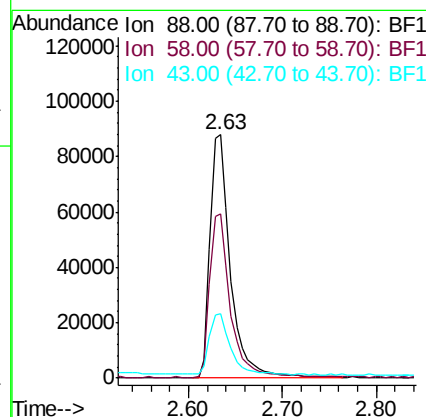
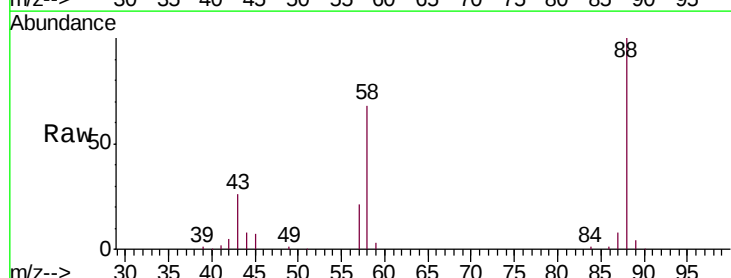
RT: 2.63 min Scan# 93

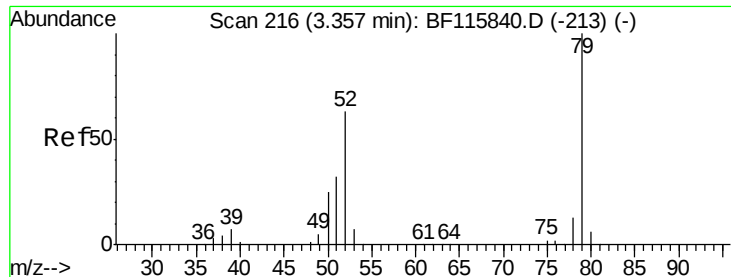
Delta R.T. 0.09 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	88	Resp:	134694
Ion Ratio	Lower	Upper	
88	100		
58	69.5	53.7	80.5
43	26.0	21.0	31.4





#3

Pyridine

Concen: 28.804 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.10 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

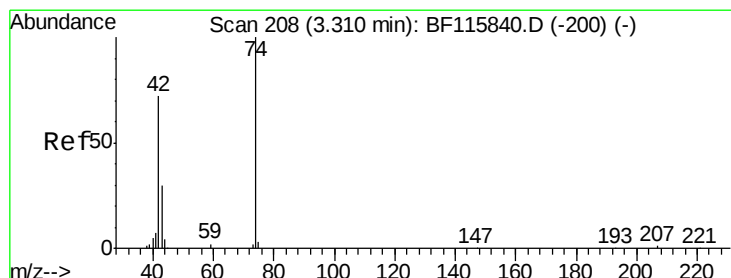
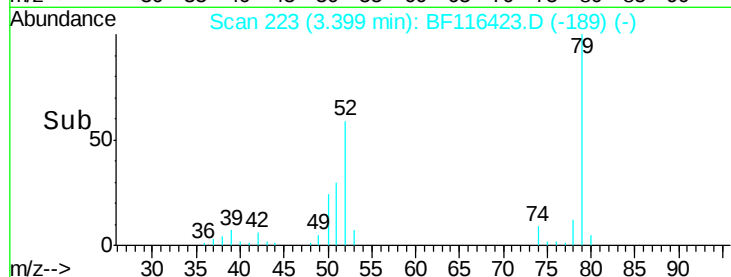
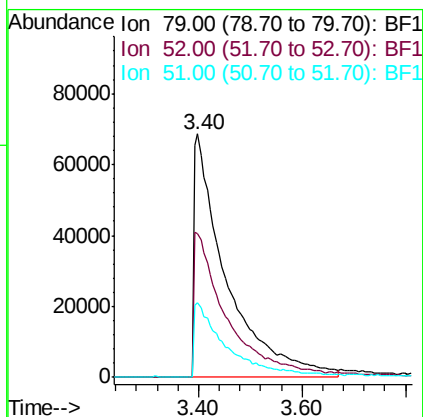
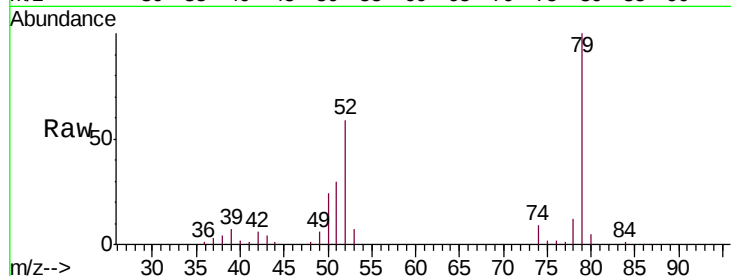
ClientSampleId :

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Tgt Ion:	79	Resp:	297062
Ion Ratio	Lower	Upper	
79	100		
52	59.3	49.8	74.8
51	30.4	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 35.042 ng

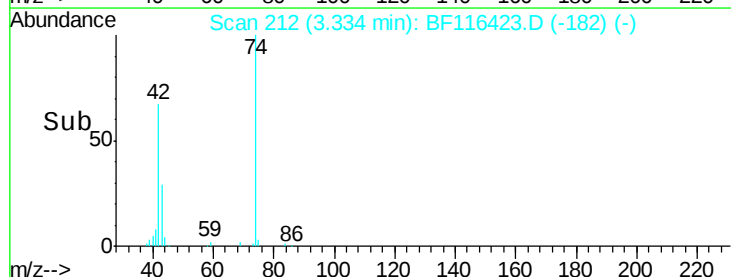
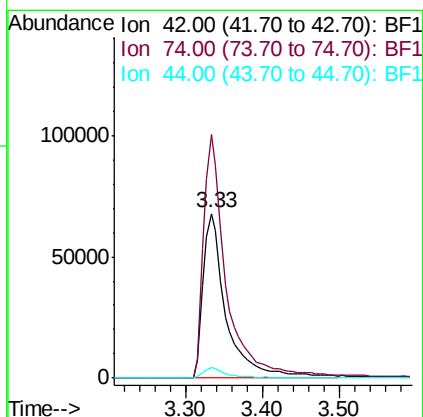
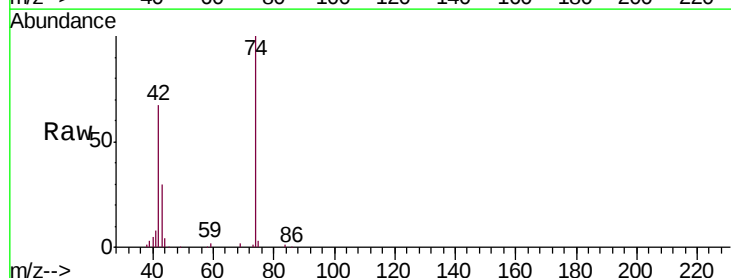
RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	42	Resp:	142617
Ion Ratio	Lower	Upper	
42	100		
74	148.2	116.0	174.0
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 111.626 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

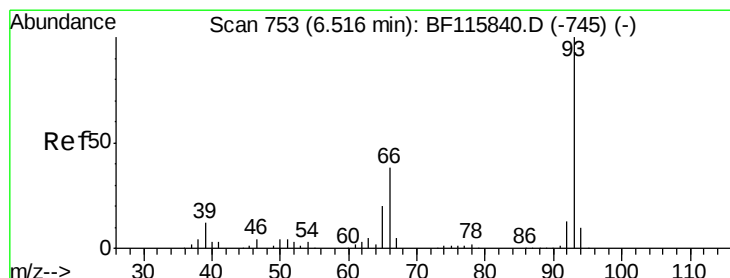
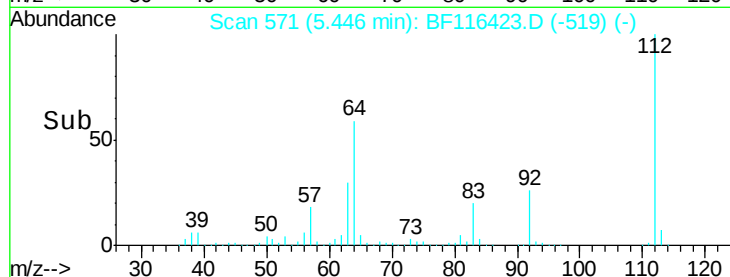
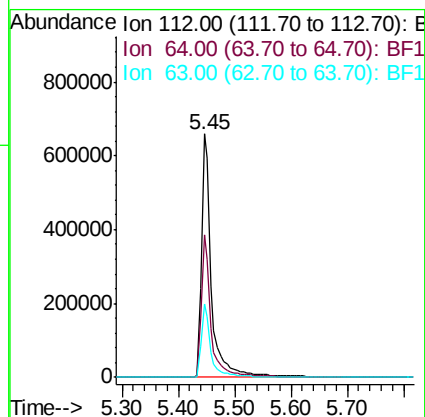
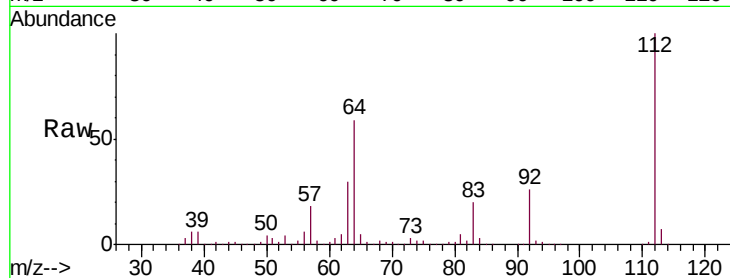
ClientSampleId :

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Tgt Ion:	112	Resp:	815760
Ion Ratio	Lower	Upper	
112	100		
64	58.7	45.4	68.2
63	29.9	23.7	35.5

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#6

Aniline

Concen: 26.223 ng

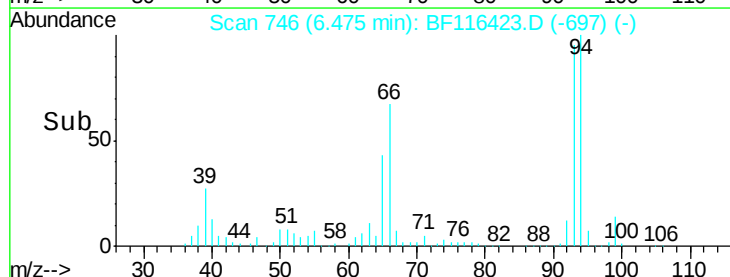
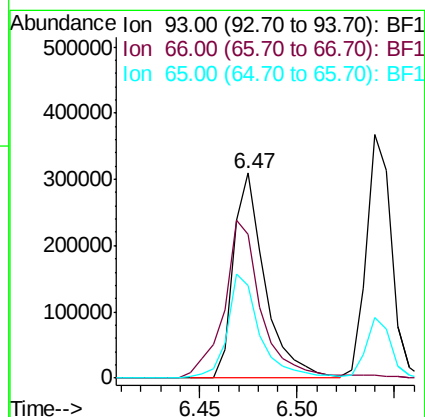
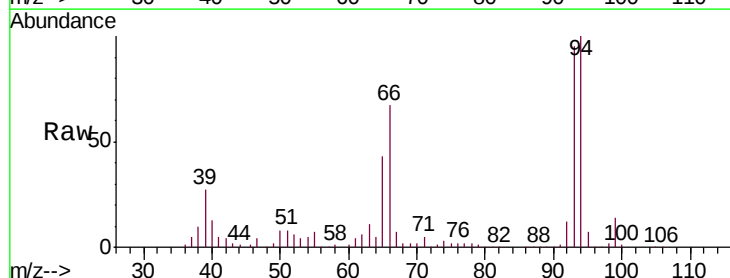
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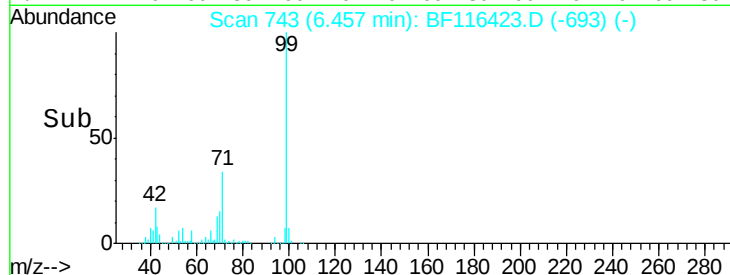
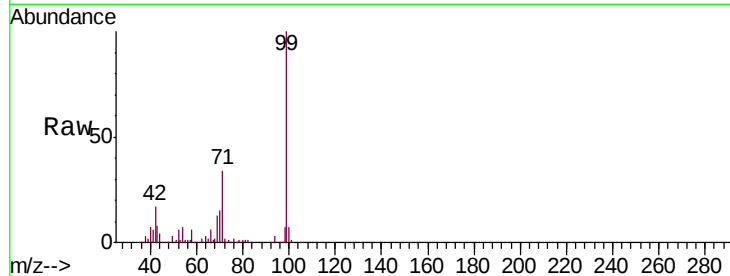
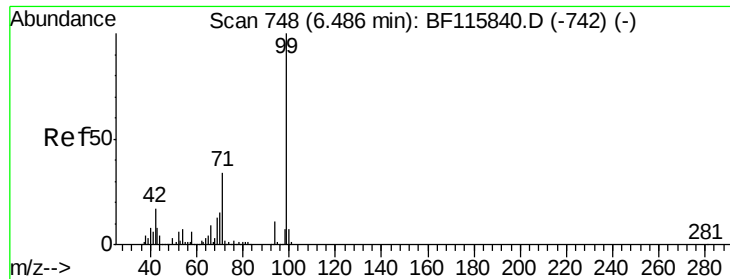
Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	93	Resp:	346262
Ion Ratio	Lower	Upper	
93	100		
66	70.4	32.2	48.4#
65	44.9	17.0	25.6#





#7

Phenol-d6

Concen: 106.381 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	980861		
42	17.0	13.8	20.8	
71	34.1	27.3	40.9	

Instrument :

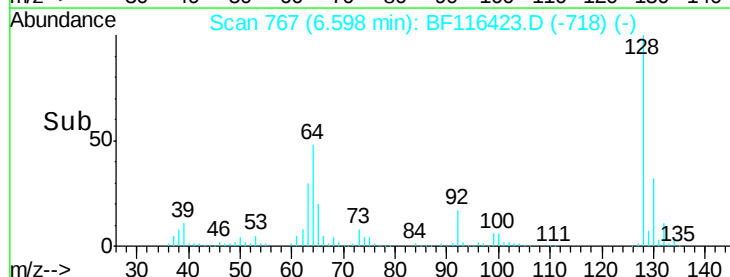
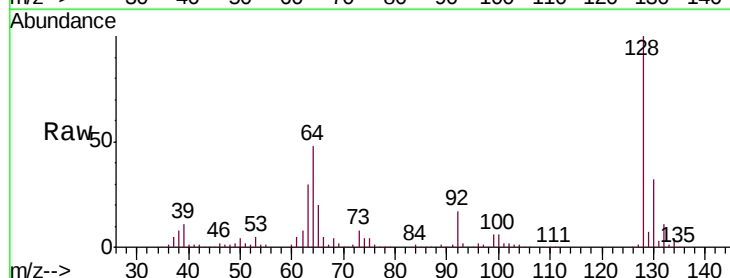
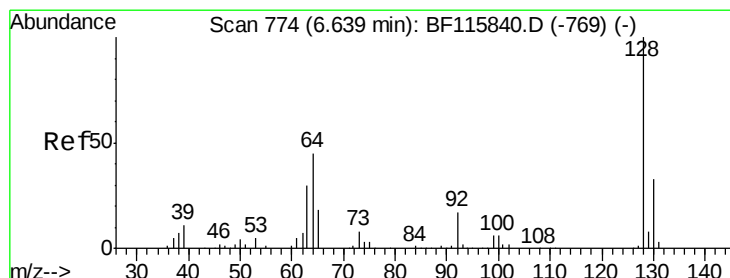
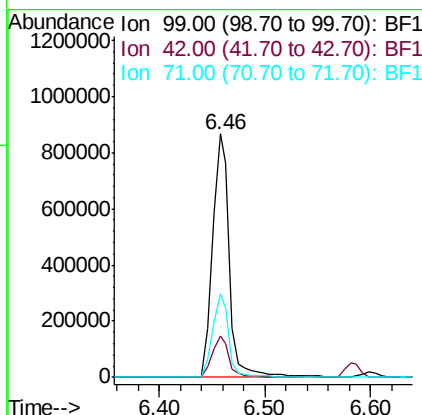
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#8

2-Chlorophenol

Concen: 42.142 ng

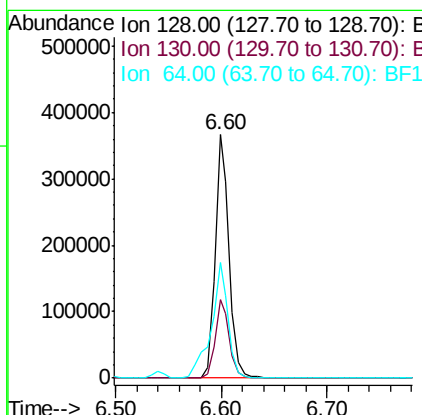
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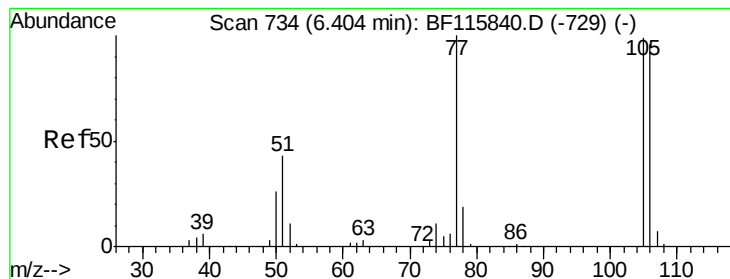
Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	340553		
130	32.1	12.9	52.9	
64	47.5	24.3	64.3	





#9

Benzaldehyde

Concen: 12.083 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

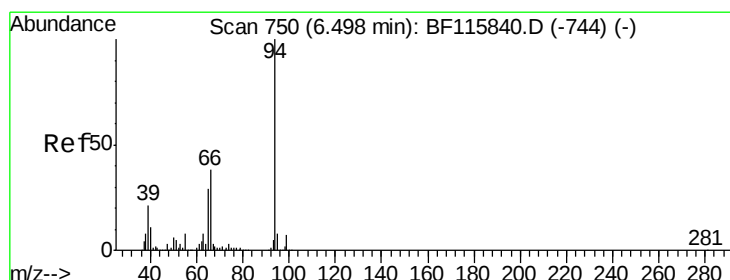
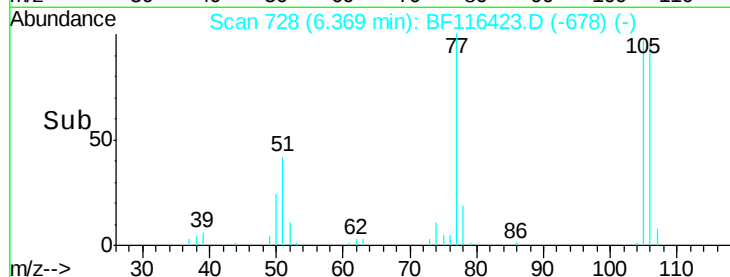
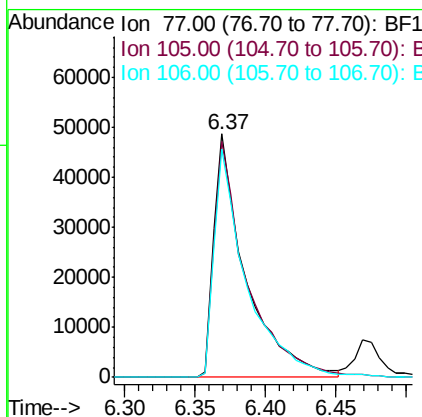
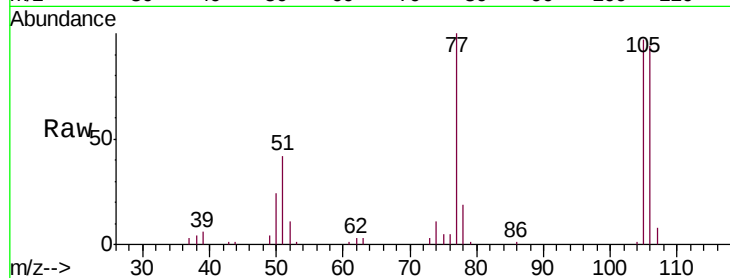
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Tgt Ion:	77	Resp:	76869
Ion	Ratio	Lower	Upper
77	100		
105	96.9	79.2	119.2
106	93.9	74.3	114.3

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#10

Phenol

Concen: 38.686 ng

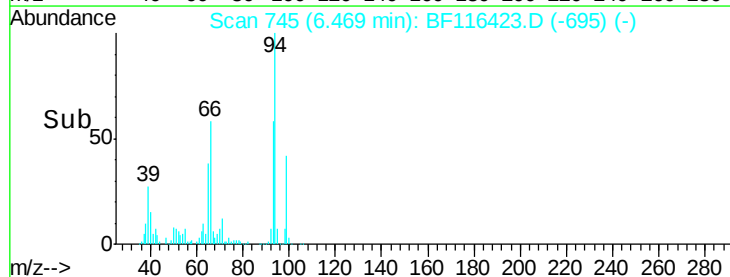
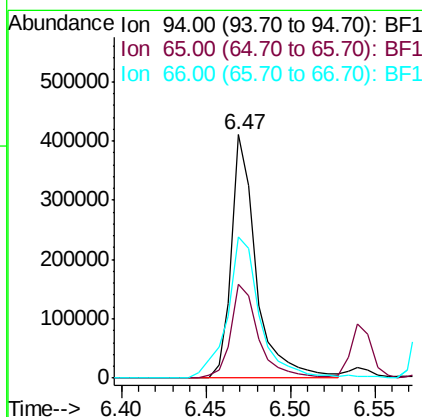
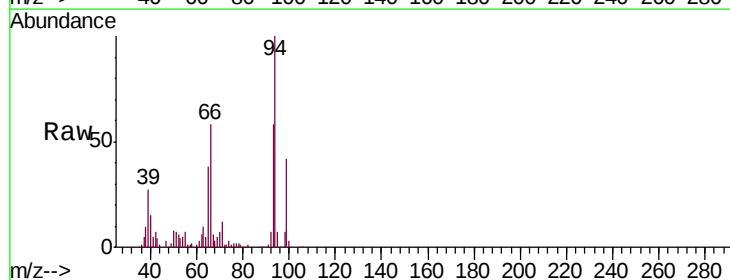
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	94	Resp:	420043
Ion	Ratio	Lower	Upper
94	100		
65	38.4	16.8	56.8
66	58.2	34.2	74.2





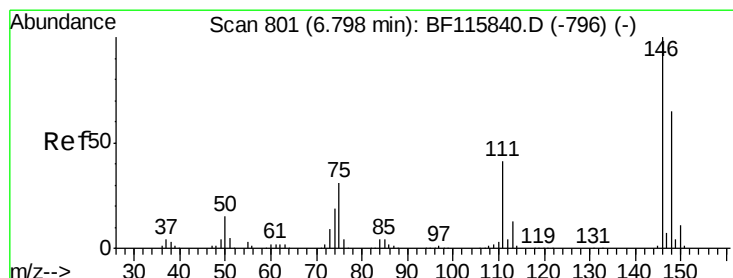
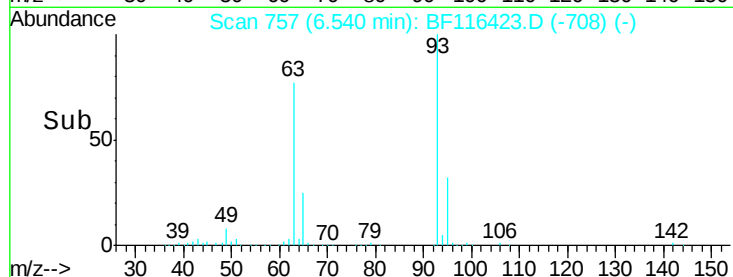
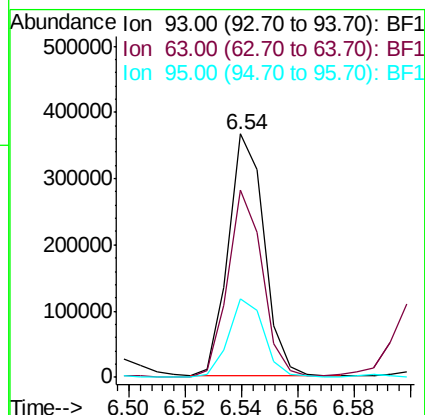
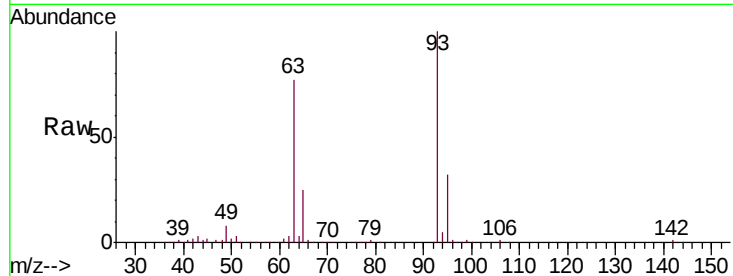
#11
bis(2-Chloroethyl)ether
Concen: 40.370 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion:	93	Resp:	322263
Ion Ratio	Lower	Upper	
93	100		
63	76.9	51.9	91.9
95	32.4	13.0	53.0

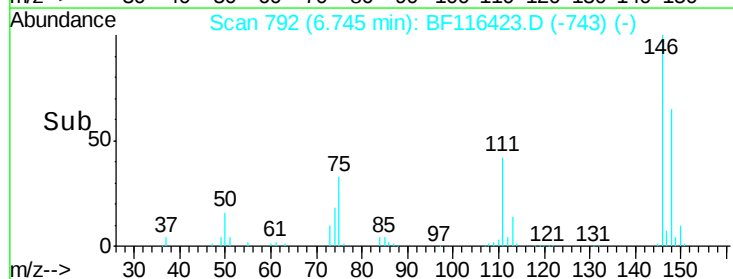
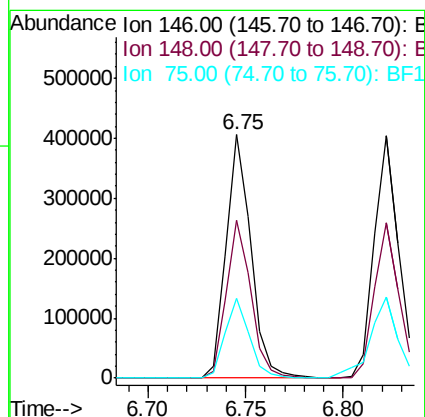
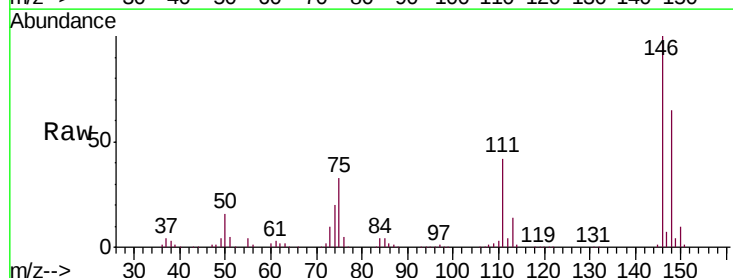
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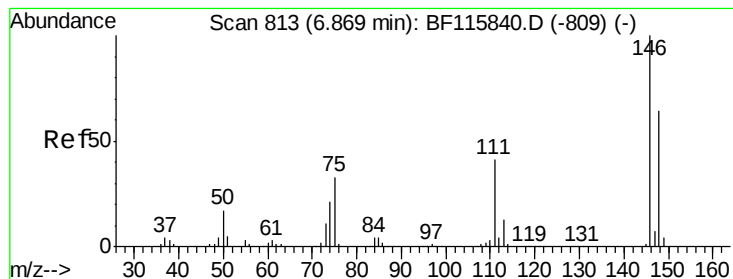
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 38.390 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion:	146	Resp:	358536
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.3	76.9
75	33.0	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 39.278 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

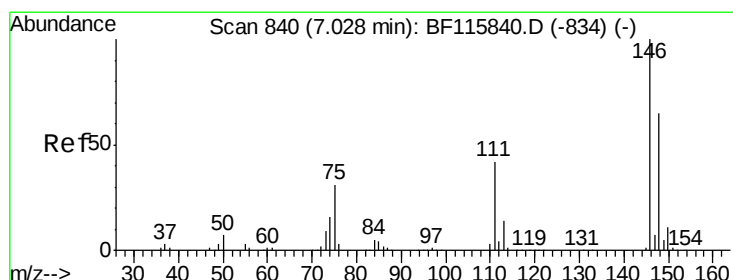
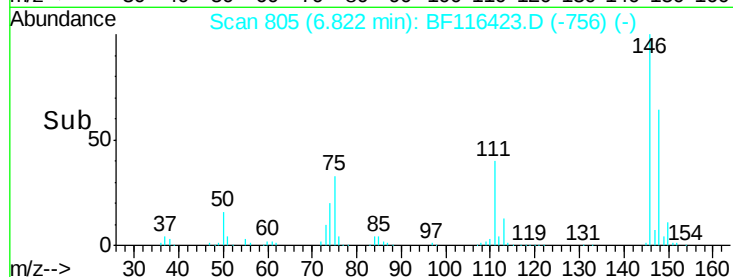
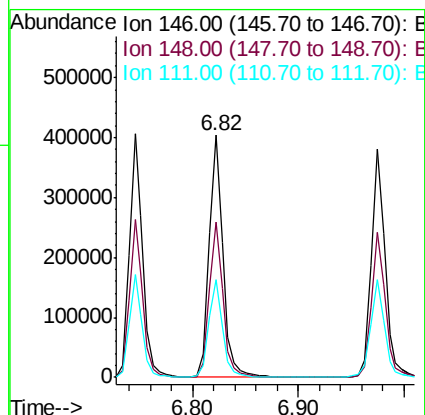
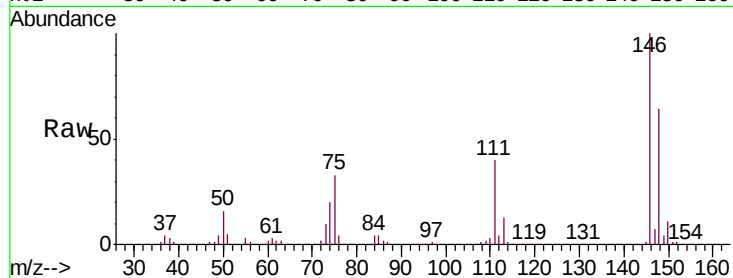
ClientSampled :

PB122344BS

Tgt Ion:	146	Resp:	367294
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.3	76.9
111	40.1	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 39.384 ng

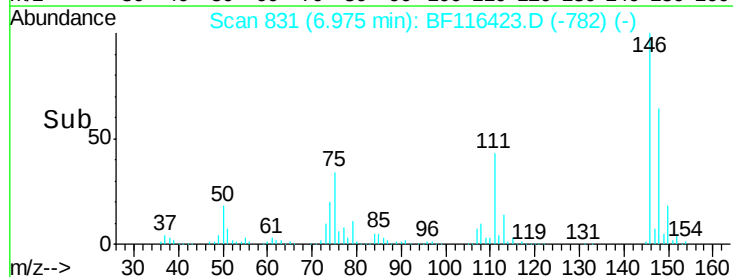
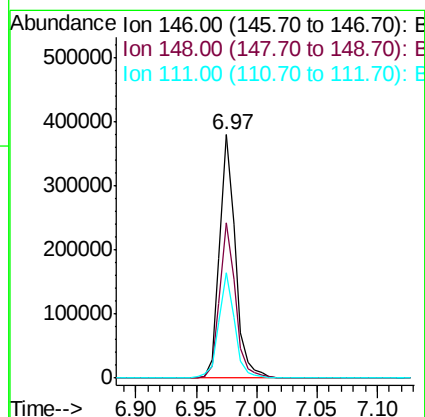
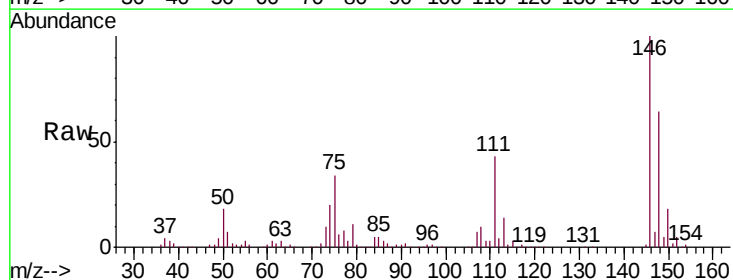
RT: 6.97 min Scan# 831

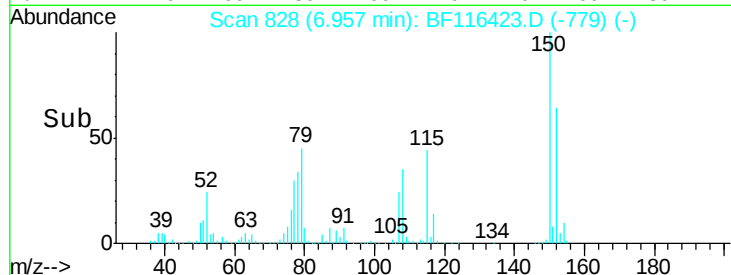
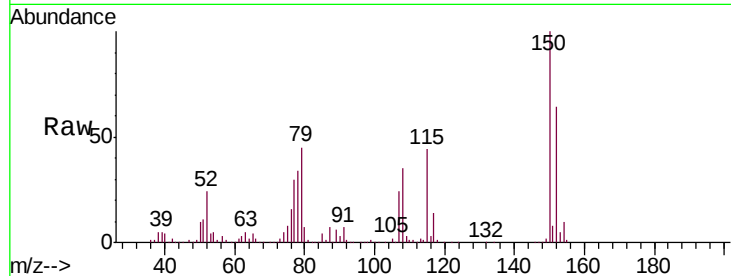
Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	146	Resp:	339115
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.2	76.8
111	43.1	33.5	50.3





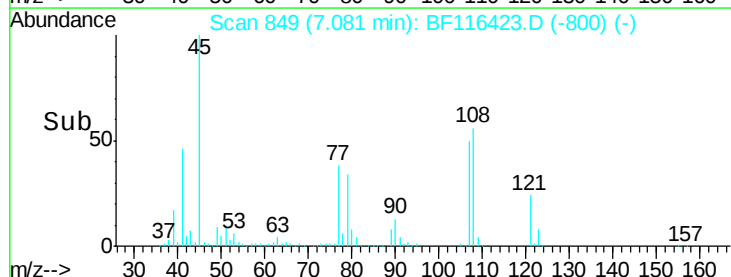
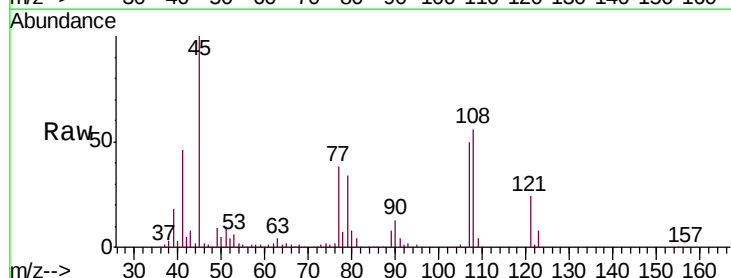
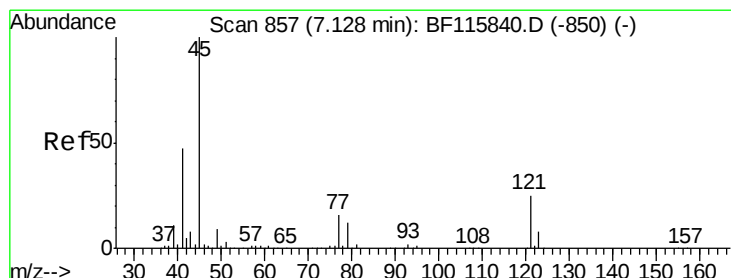
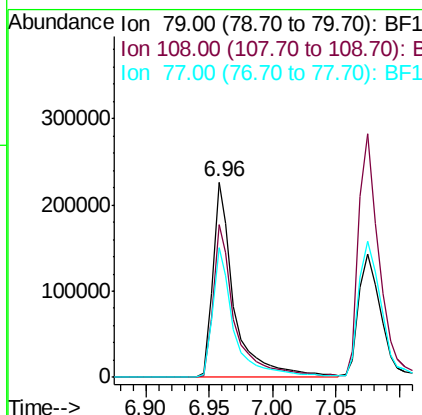
#15
Benzyl Alcohol
Concen: 38.751 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.0	62.7	94.1
77	66.1	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
PB122344BS

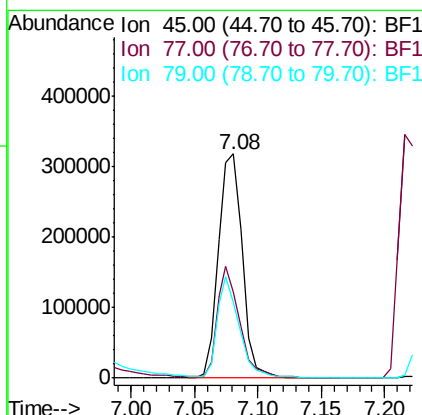
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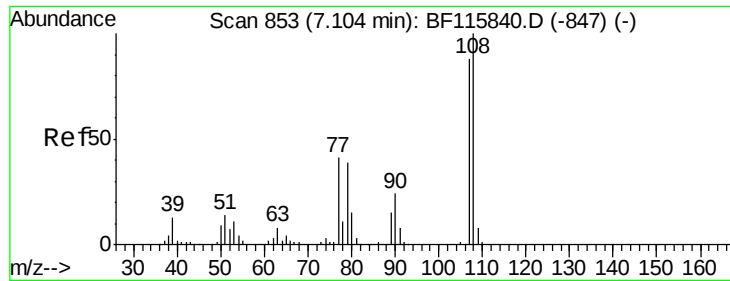
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.479 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.2	0.0	40.0
79	33.9	0.0	35.9





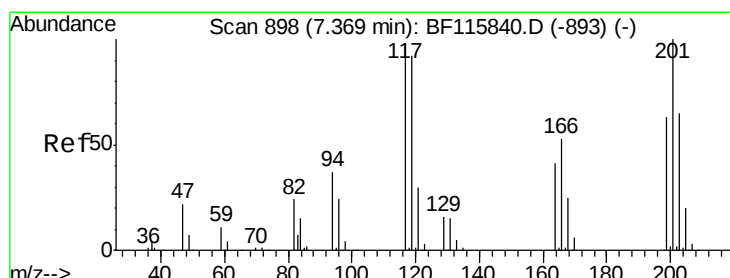
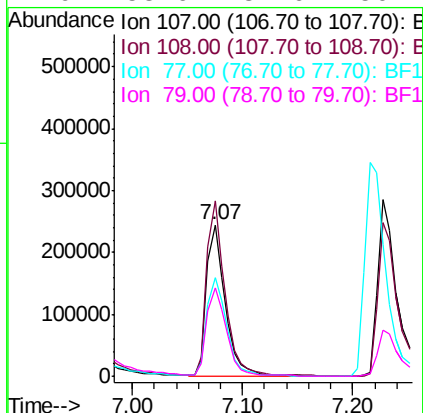
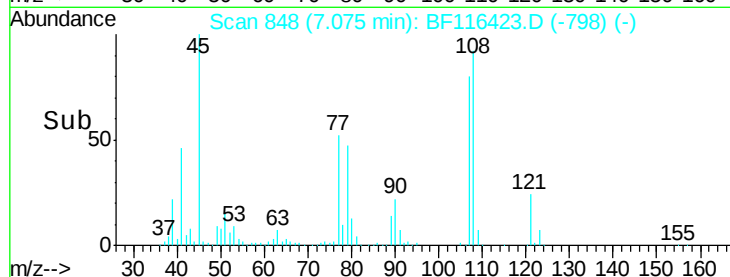
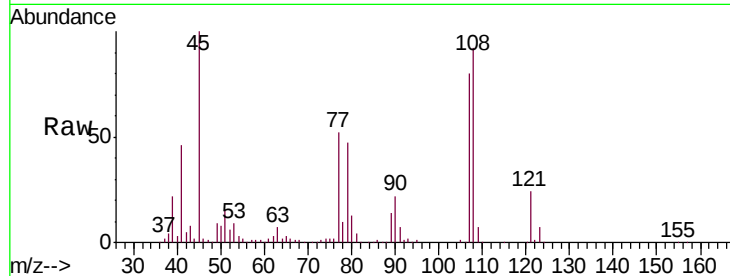
#17
2-Methylphenol
Concen: 40.643 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	91.2	136.8	
77	64.7	40.3	60.5	
79	58.6	37.6	56.4	

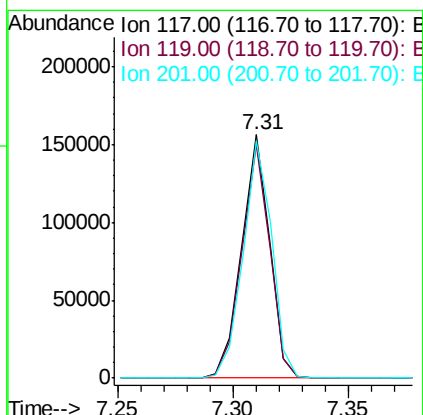
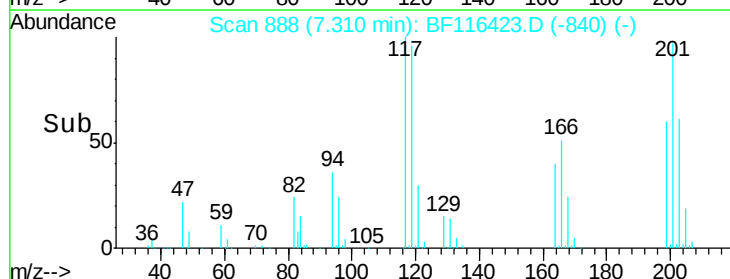
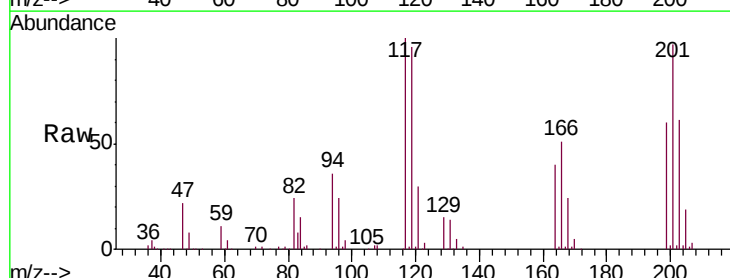
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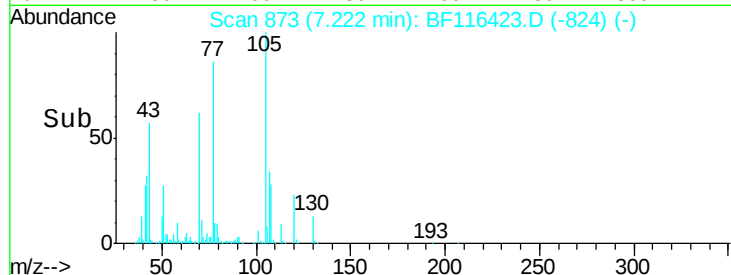
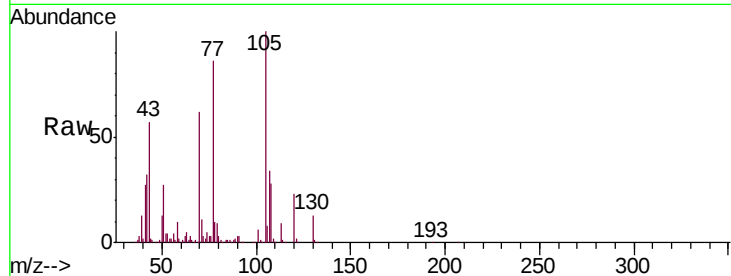
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#18
Hexachloroethane
Concen: 38.634 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.1	114.1	
201	97.3	77.0	115.4	





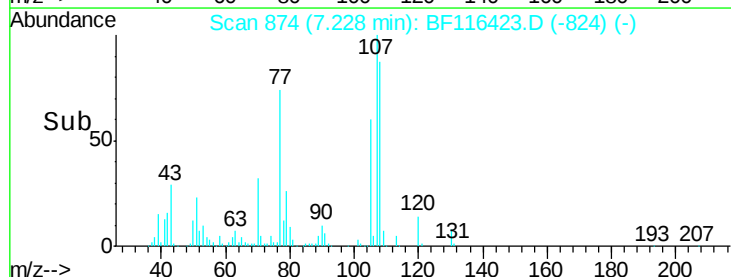
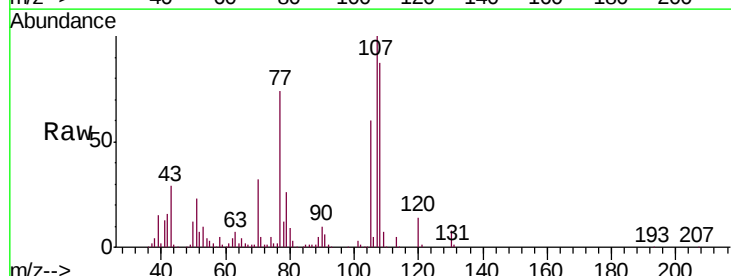
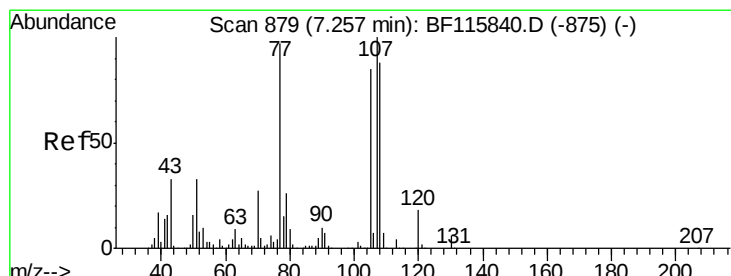
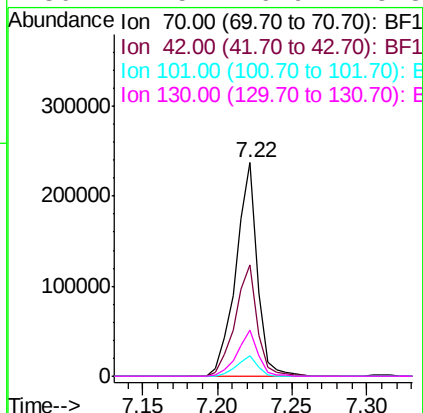
#19
n-Nitroso-di-n-propylamine
Concen: 41.769 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.1	40.9	61.3
101	9.6	7.9	11.9
130	21.5	16.9	25.3

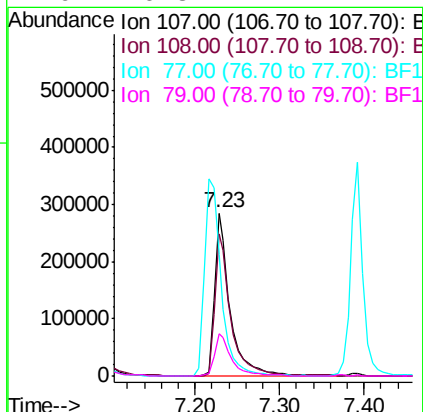
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#20
3+4-Methylphenols
Concen: 45.122 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.6	107.6
77	74.5	104.4	144.4#
79	26.3	7.4	47.4





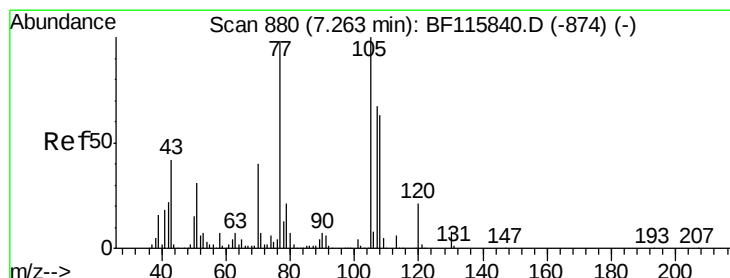
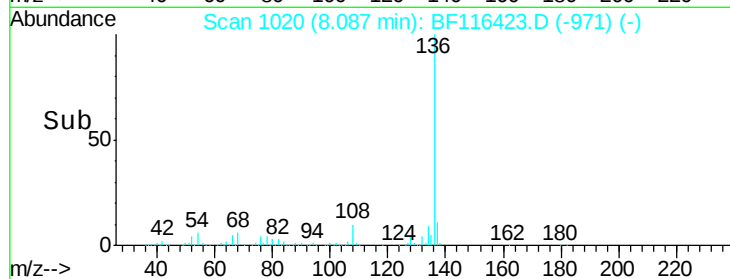
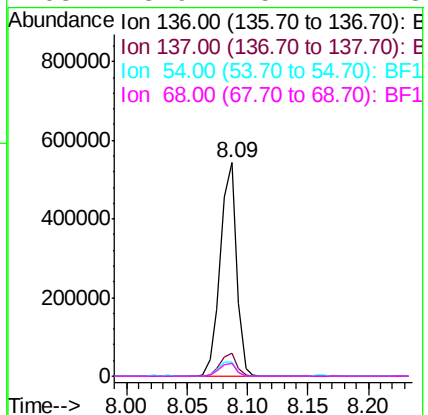
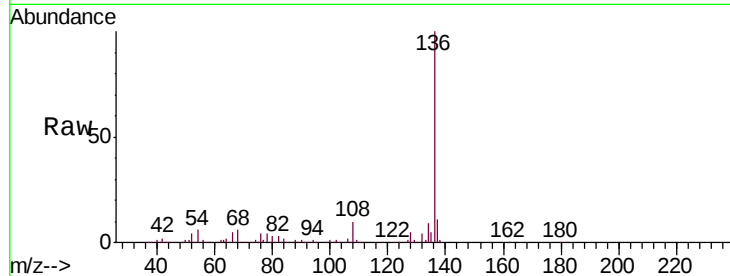
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.5	5.8	8.6
68	5.9	5.2	7.8

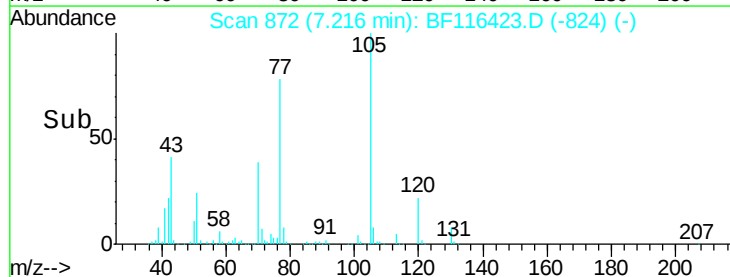
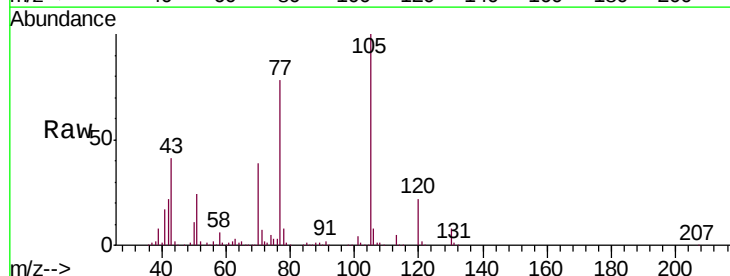
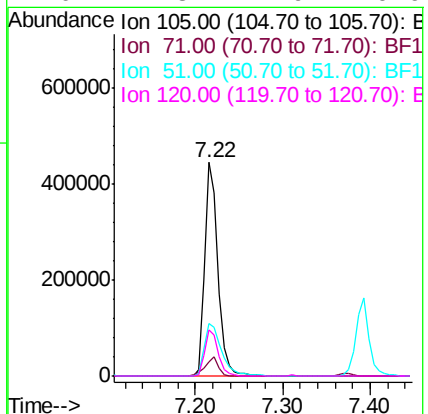
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#22
Acetophenone
Concen: 42.116 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.6	5.9	8.9
51	24.5	25.3	37.9#
120	21.8	17.9	26.9





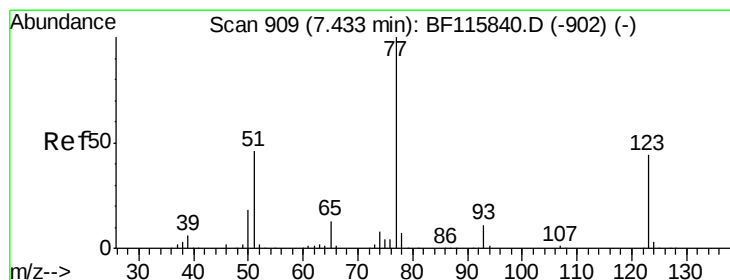
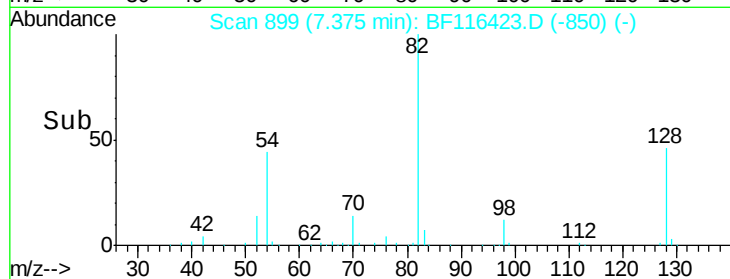
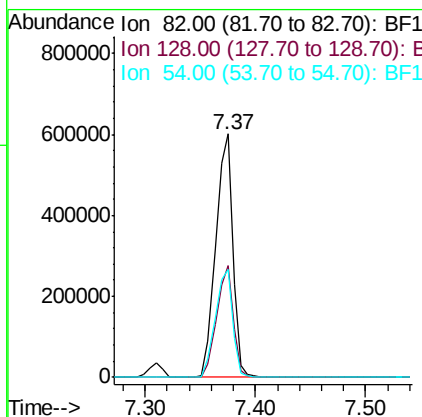
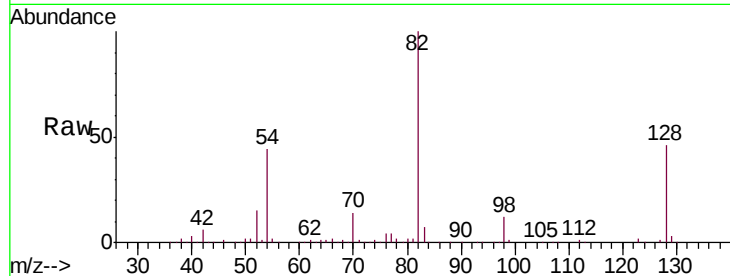
#23
 Nitrobenzene-d5
 Concen: 73.507 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	643918		
128	46.1	36.5	54.7	
54	44.4	36.0	54.0	

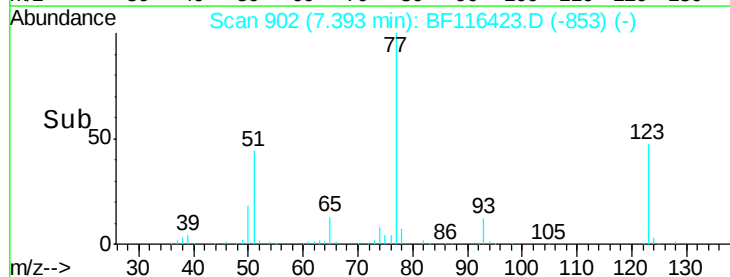
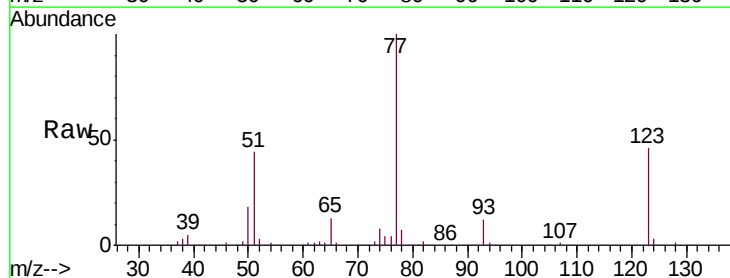
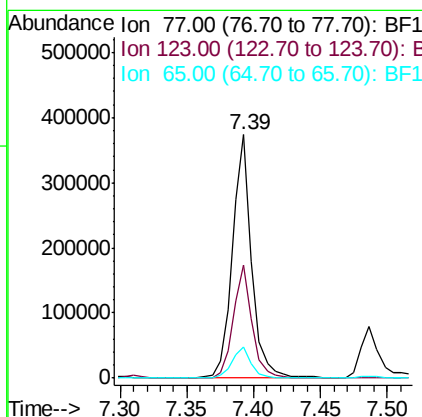
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#24
 Nitrobenzene
 Concen: 39.775 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	376218		
123	46.2	36.7	55.1	
65	12.9	10.6	16.0	





#25

Isophorone

Concen: 40.588 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

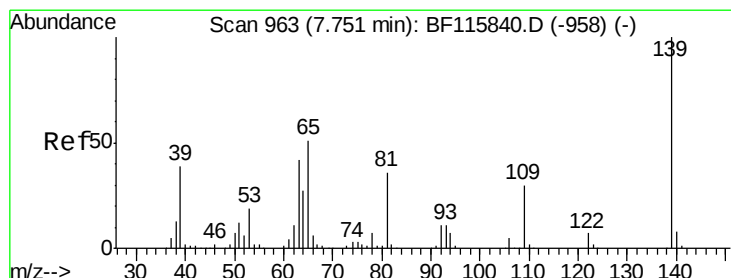
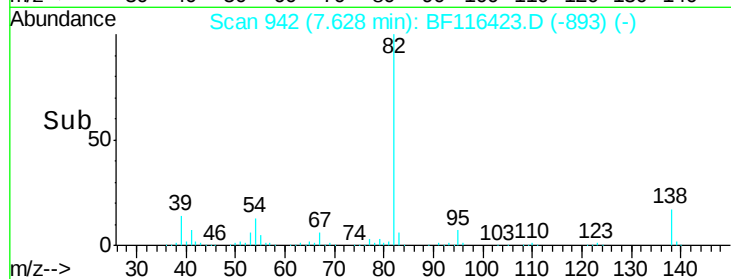
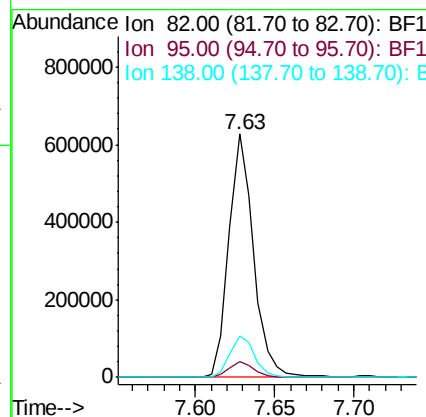
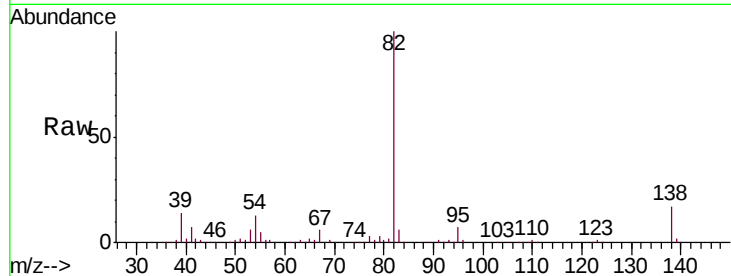
ClientSampleId :

PB122344BS

Tgt Ion:	82	Resp:	679871
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.4	8.0
138	17.1	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.991 ng

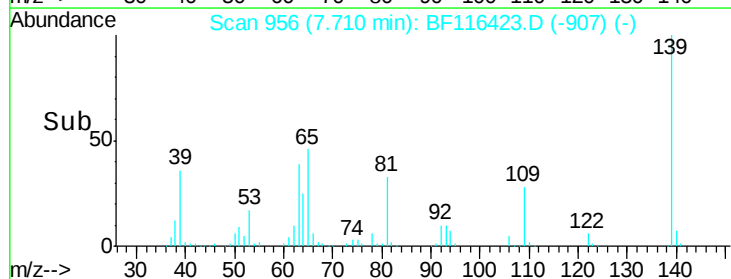
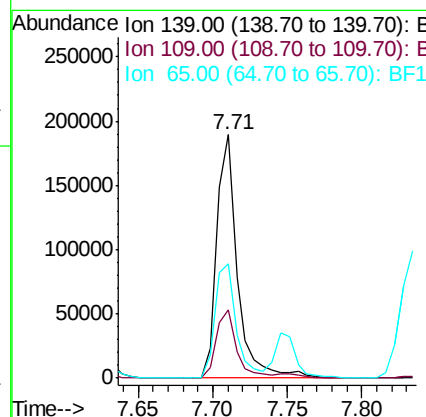
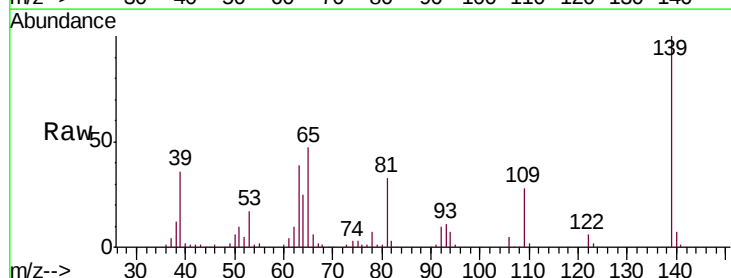
RT: 7.71 min Scan# 956

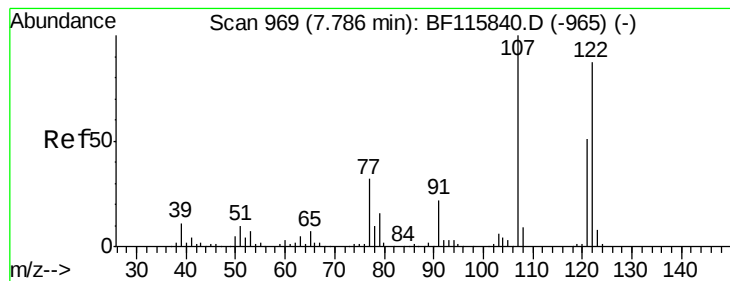
Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	139	Resp:	182764
Ion Ratio		Lower	Upper
139	100		
109	28.1	23.4	35.2
65	46.8	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 44.886 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

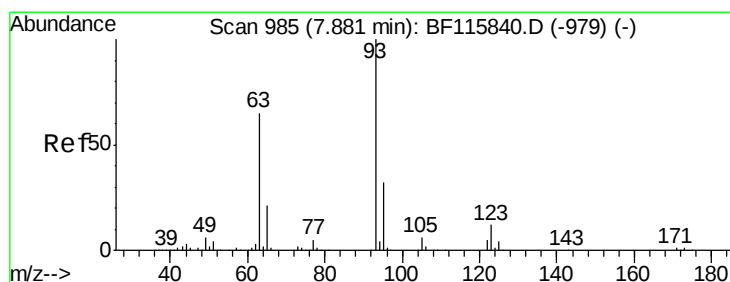
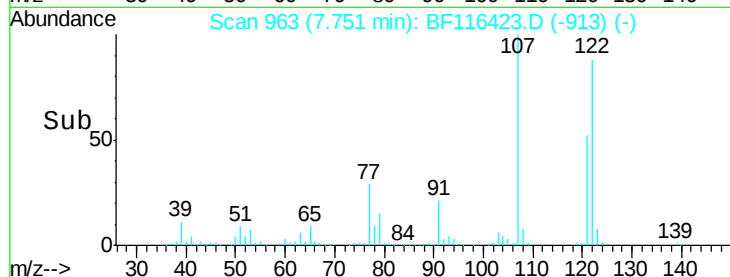
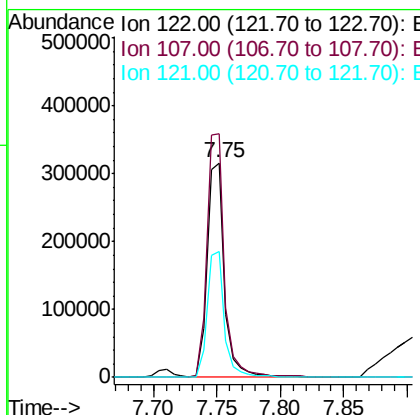
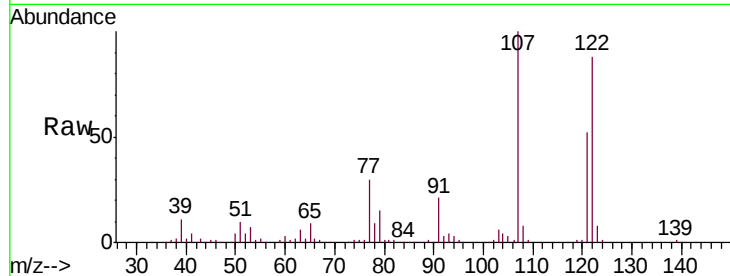
ClientSampleId :

PB122344BS

Tgt Ion:	122	Resp:	301098
Ion Ratio	Lower	Upper	
122	100		
107	113.4	93.0	139.6
121	58.6	47.6	71.4

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#28

bis(2-Chloroethoxy)methane

Concen: 40.192 ng

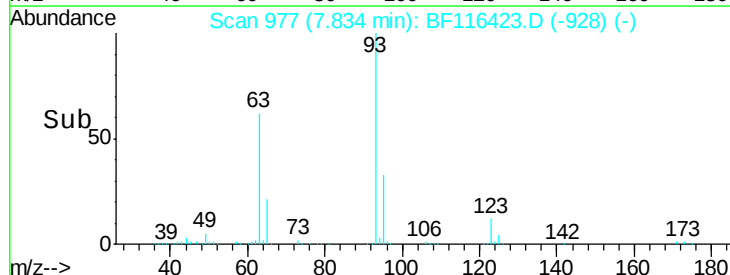
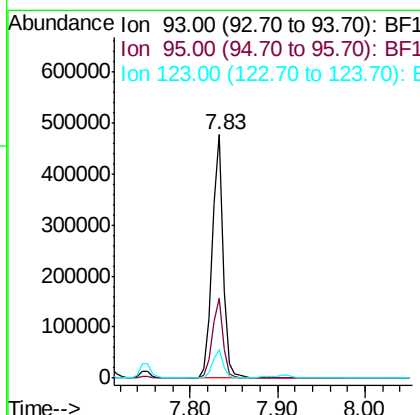
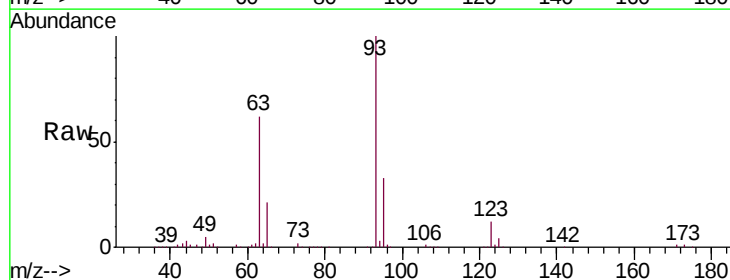
RT: 7.83 min Scan# 977

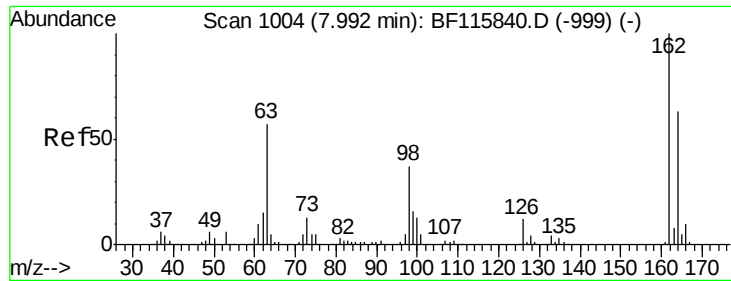
Delta R.T. -0.01 min

Lab File: BF116423.D

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Tgt Ion:	93	Resp:	417278
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.4
123	11.5	9.2	13.8





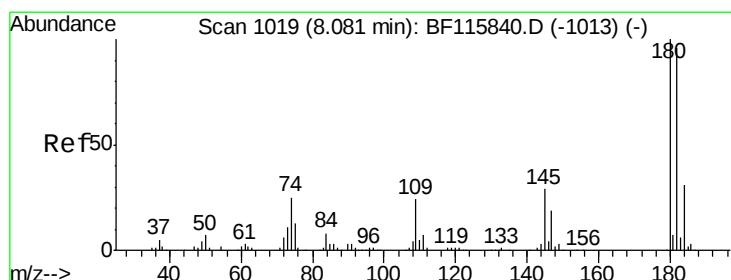
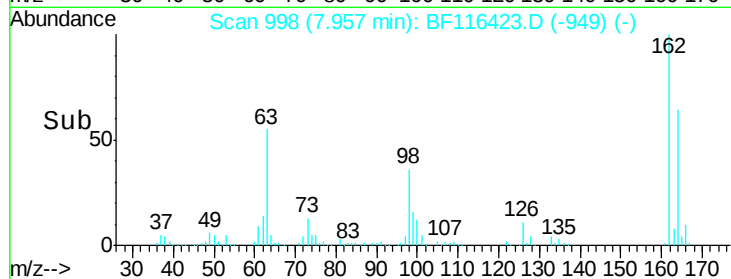
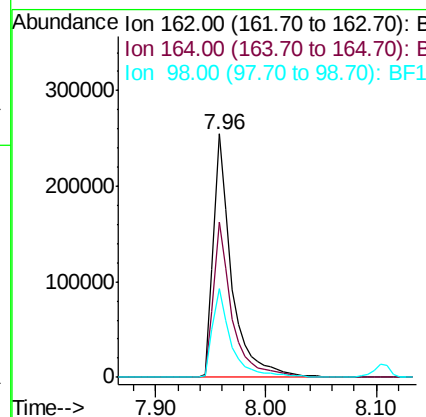
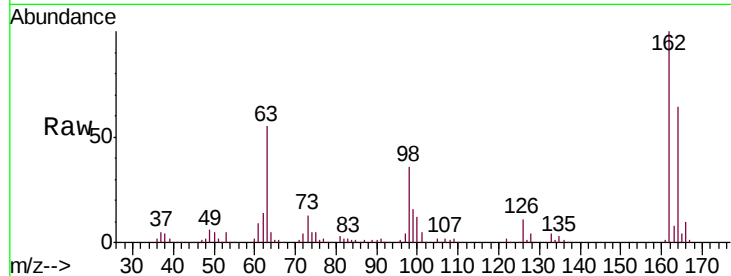
#29
2,4-Dichlorophenol
Concen: 40.826 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	45.1	85.1
98	36.4	15.8	55.8

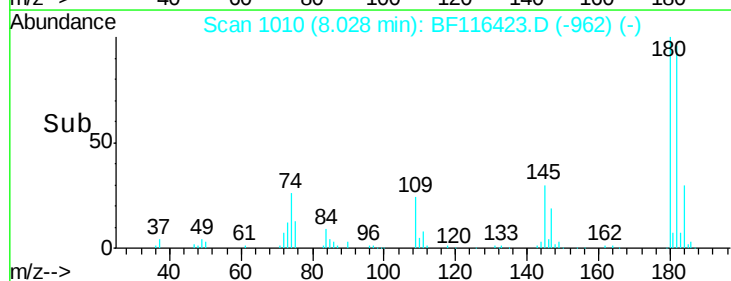
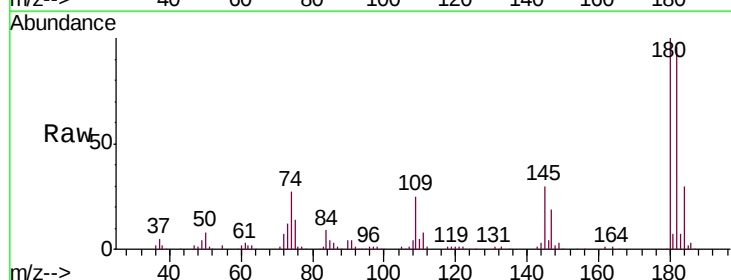
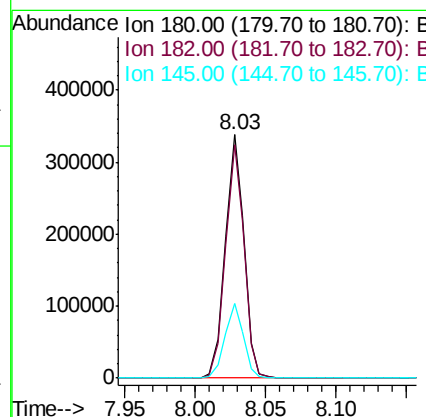
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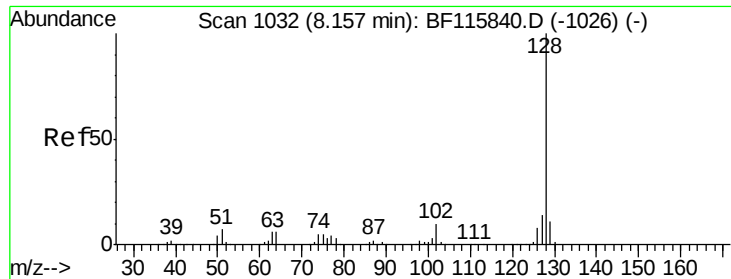
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#30
1,2,4-Trichlorobenzene
Concen: 38.558 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	75.7	113.5
145	30.5	24.3	36.5





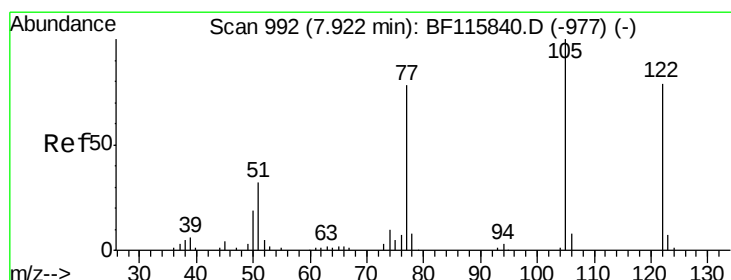
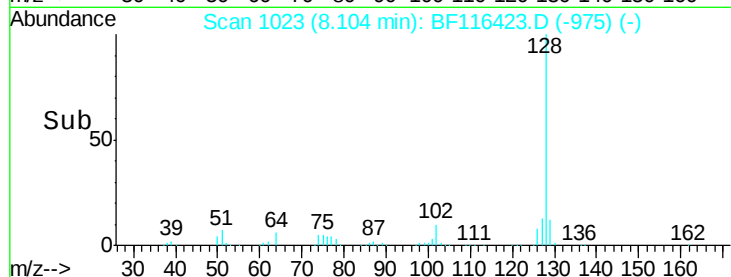
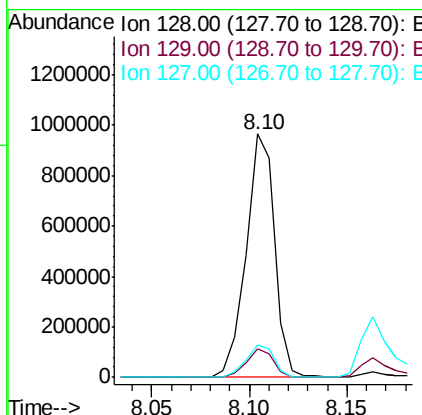
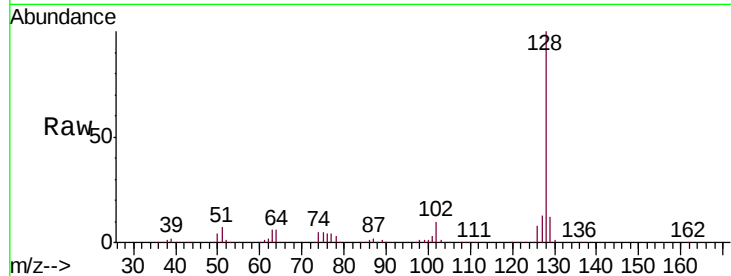
#31
Naphthalene
Concen: 41.090 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	977745		
129	11.5	9.3	13.9	
127	13.5	11.4	17.0	

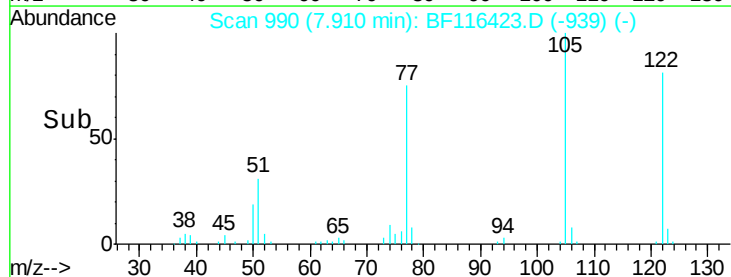
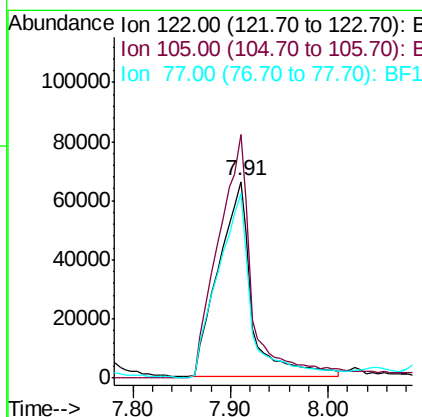
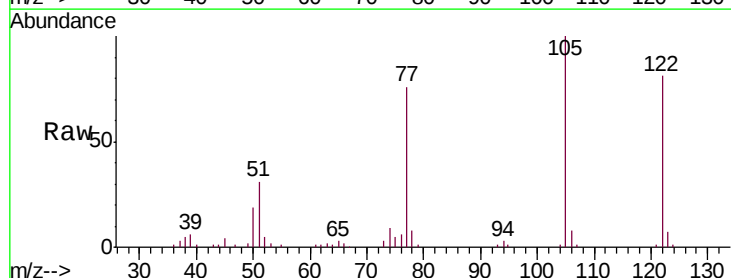
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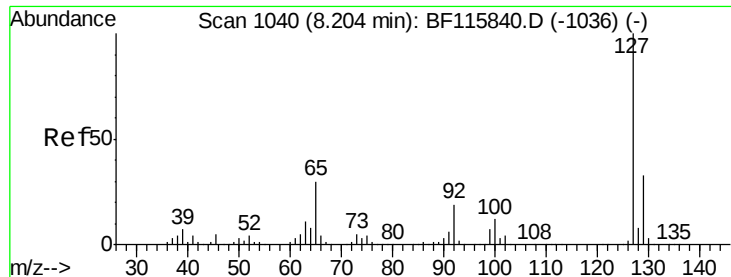
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#32
Benzoic acid
Concen: 33.173 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	156889		
105	124.0	106.1	146.1	
77	93.9	76.7	116.7	





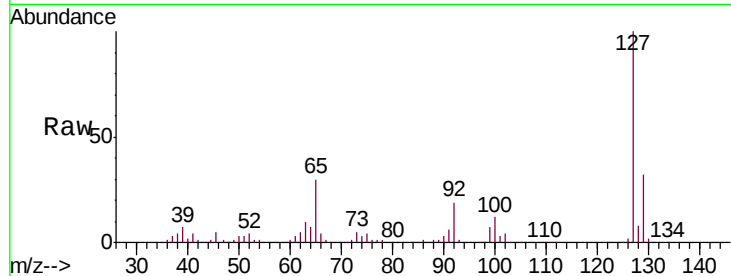
#33
4-Chloroaniline
Concen: 27.064 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

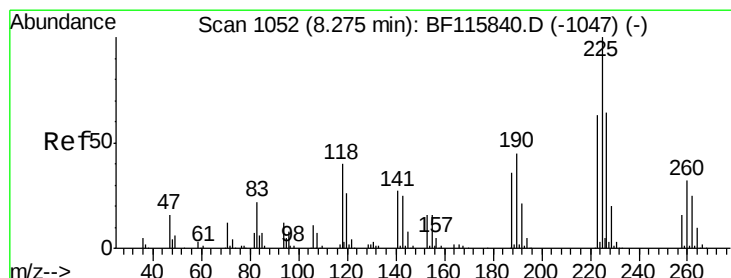
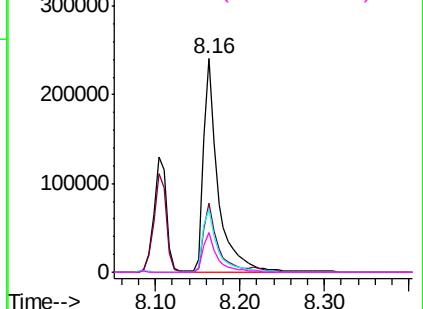
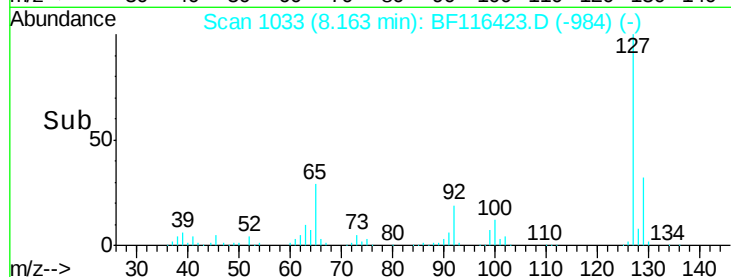
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	287742		
129	32.3	26.1	39.1	
65	29.5	24.9	37.3	
92	18.7	15.7	23.5	

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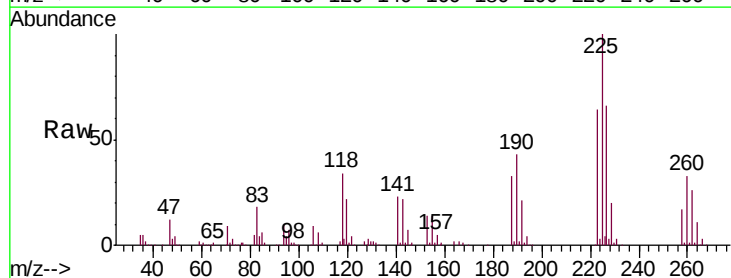


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

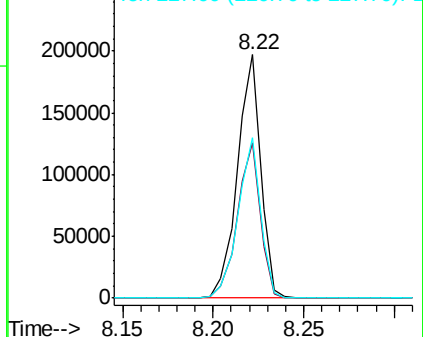
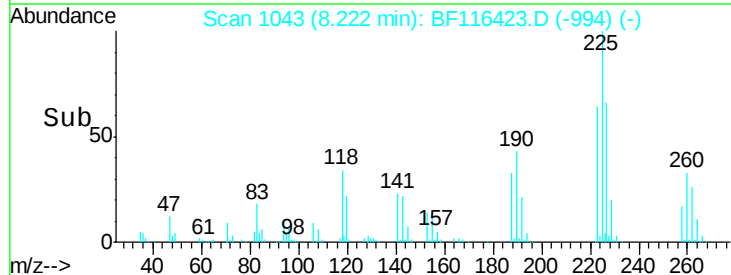


#34
Hexachlorobutadiene
Concen: 37.844 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175991		
223	63.8	50.0	75.0	
227	65.6	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





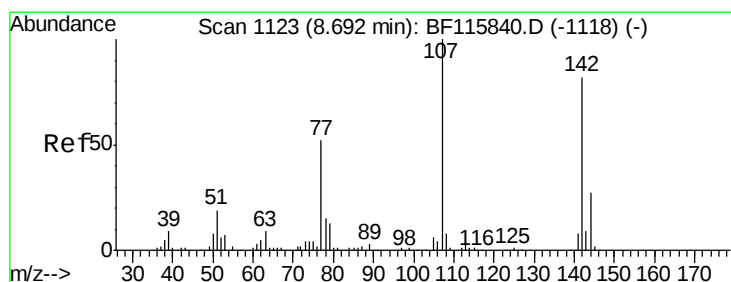
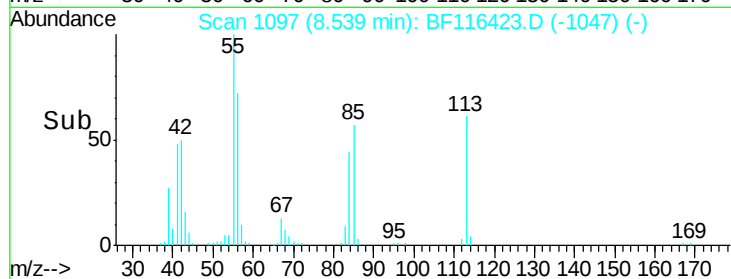
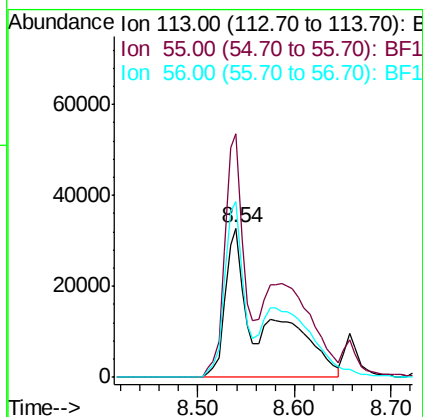
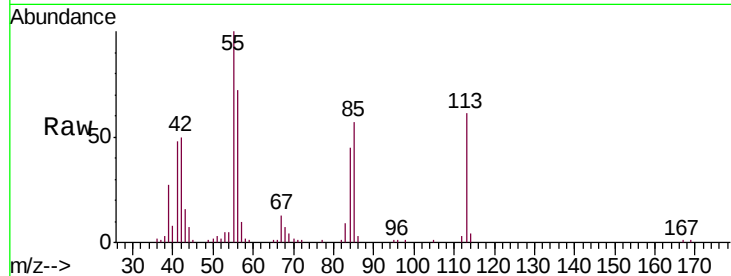
#35
 Caprolactam
 Concen: 39.164 ng m
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion:113 Resp: 89714
 Ion Ratio Lower Upper
 113 100
 55 163.0 144.3 184.3
 56 117.4 97.1 137.1

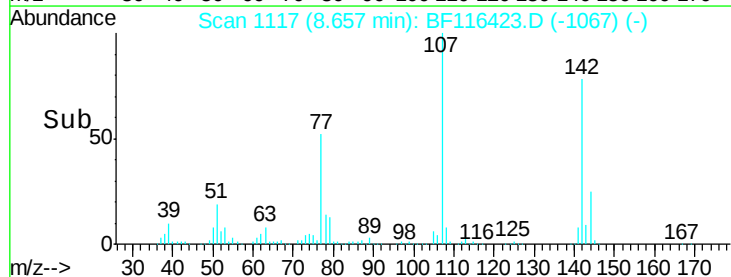
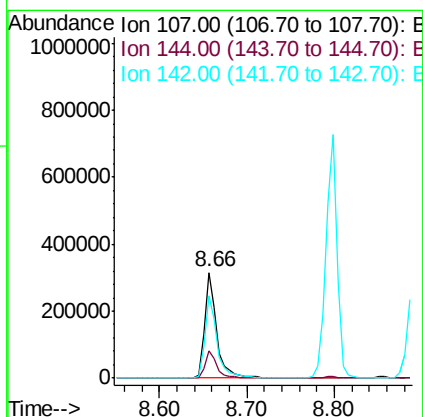
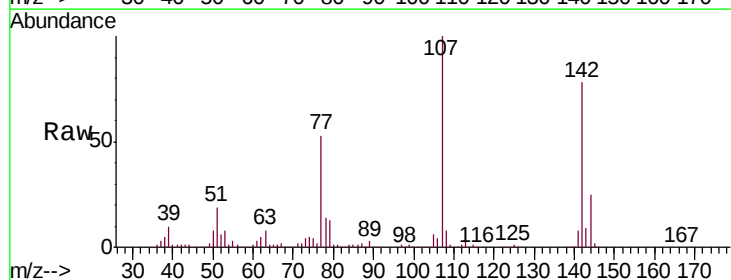
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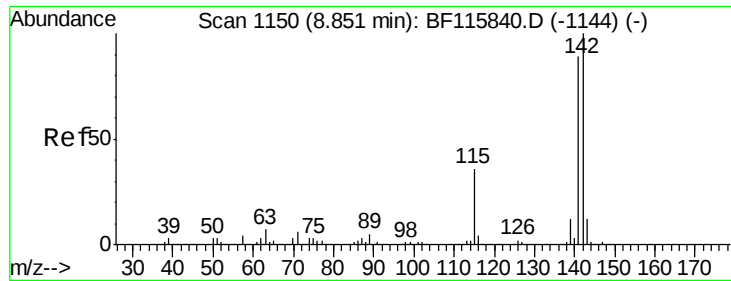
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#36
 4-Chloro-3-methylphenol
 Concen: 40.882 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116423.D
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Tgt Ion:107 Resp: 301234
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 77.9 61.7 92.5





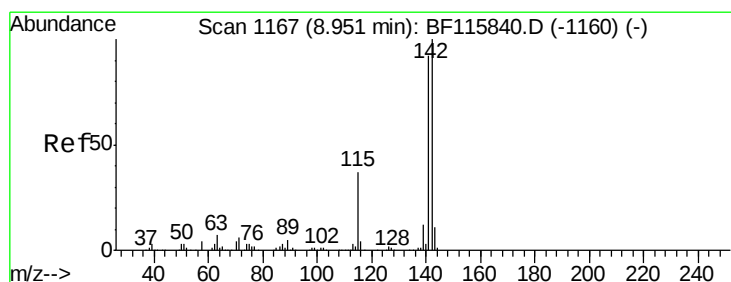
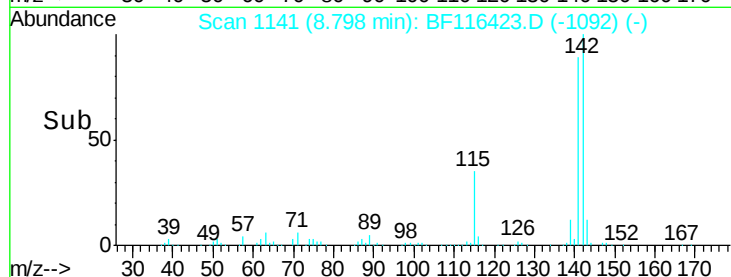
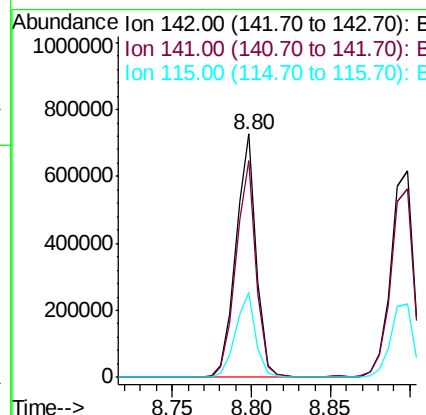
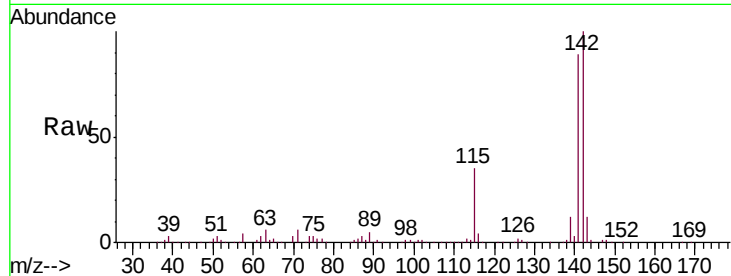
#37
2-Methylnaphthalene
Concen: 40.923 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	641311		
141	89.0	70.9	106.3	
115	34.9	29.0	43.6	

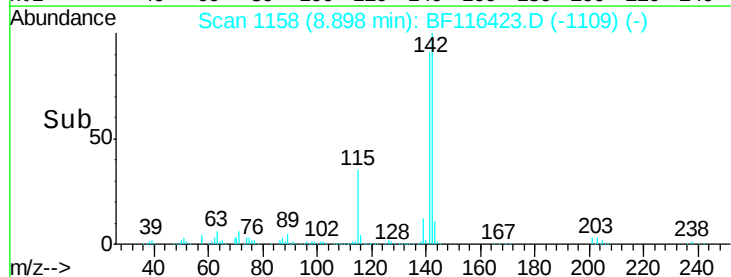
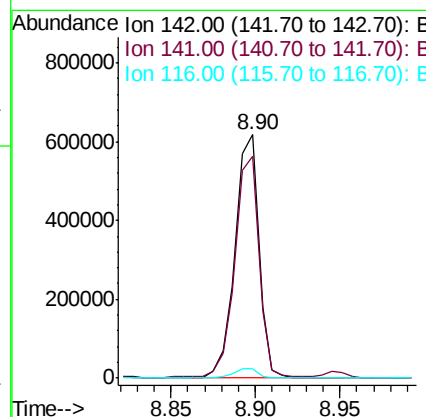
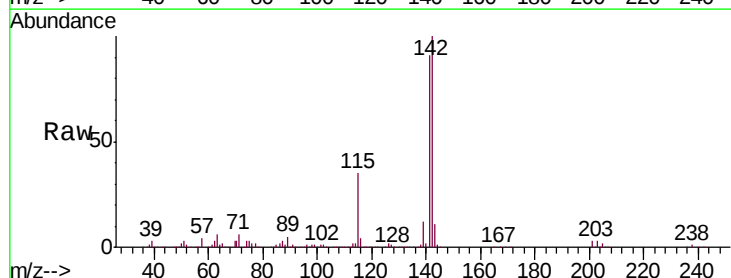
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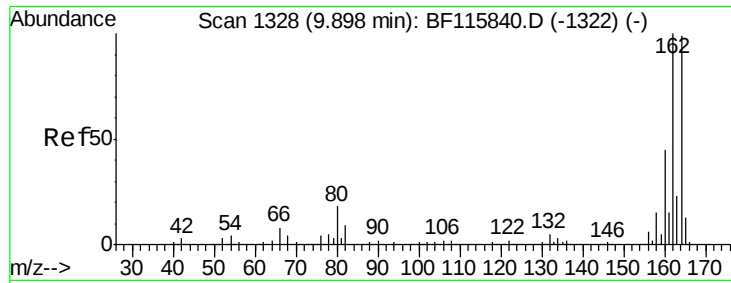
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#38
1-Methylnaphthalene
Concen: 40.869 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	605897		
141	91.3	74.4	111.6	
116	3.6	3.1	4.7	





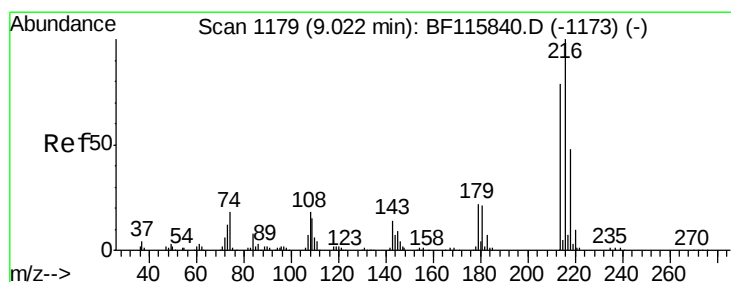
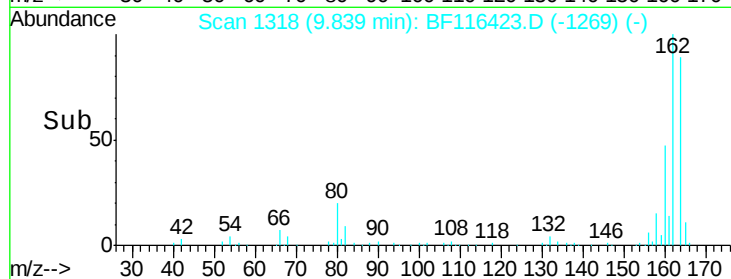
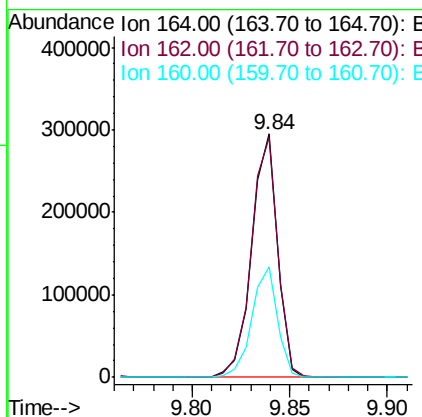
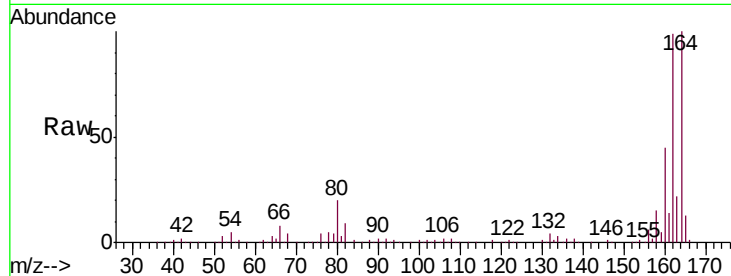
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion:	164	Resp:	271201
Ion Ratio	Lower	Upper	
164	100		
162	98.5	82.6	124.0
160	45.5	37.6	56.4

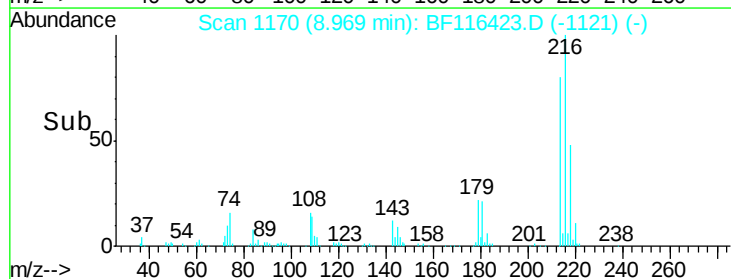
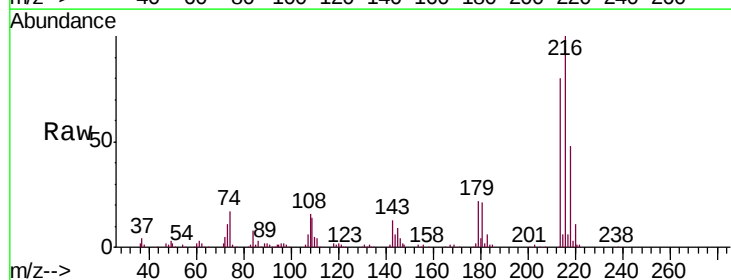
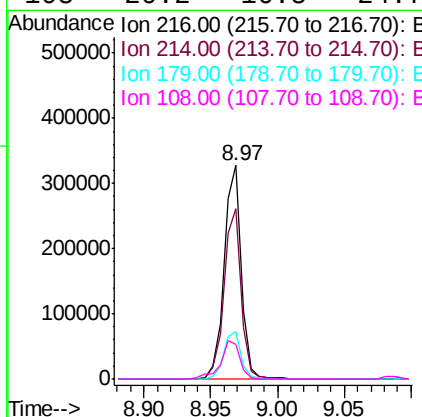
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.064 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion:	216	Resp:	297728
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.6	95.4
179	22.3	17.8	26.8
108	20.2	16.5	24.7





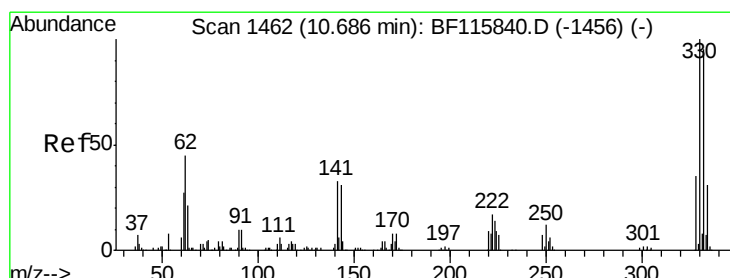
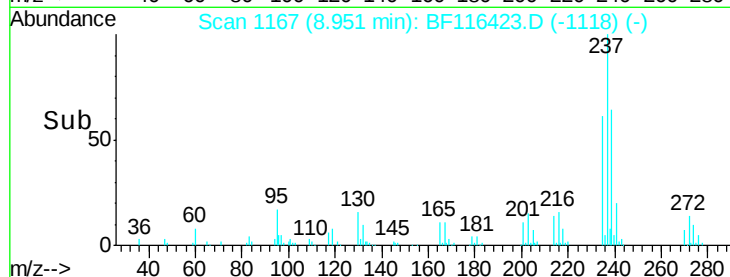
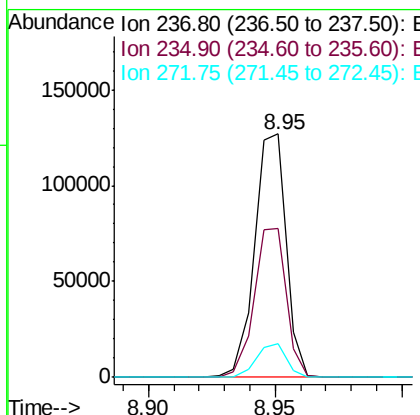
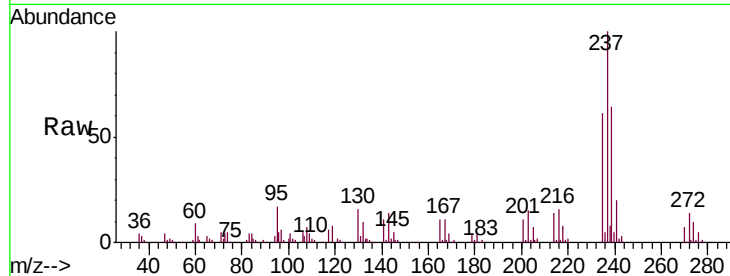
#41
Hexachlorocyclopentadiene
Concen: 37.444 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.3	43.4	83.4
272	13.8	0.0	33.2

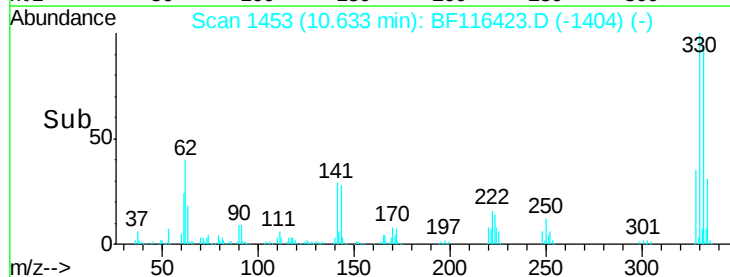
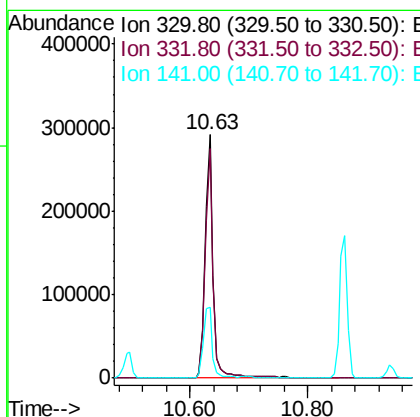
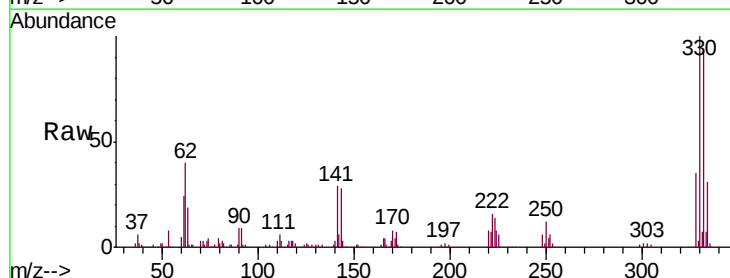
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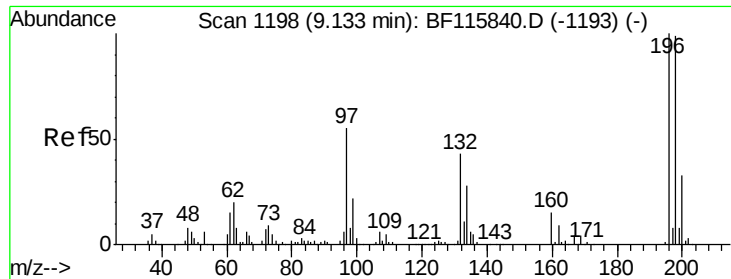
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#42
2,4,6-Tribromophenol
Concen: 105.269 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	93.8	76.8	115.2
141	32.0	26.3	39.5





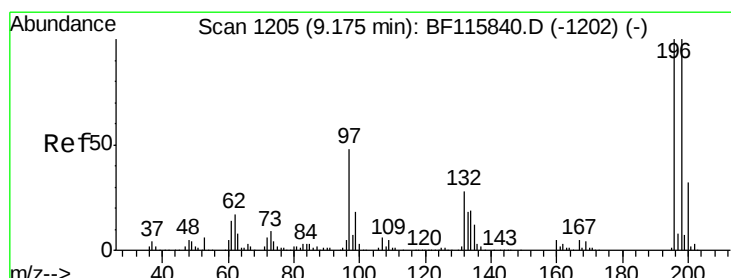
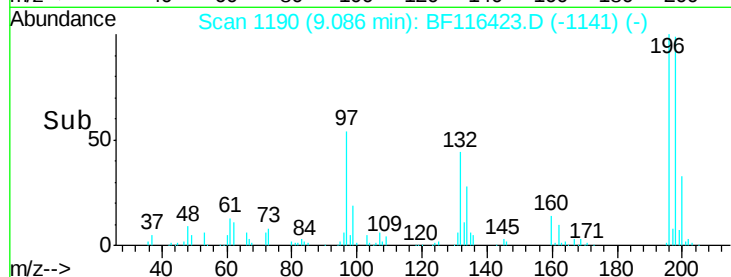
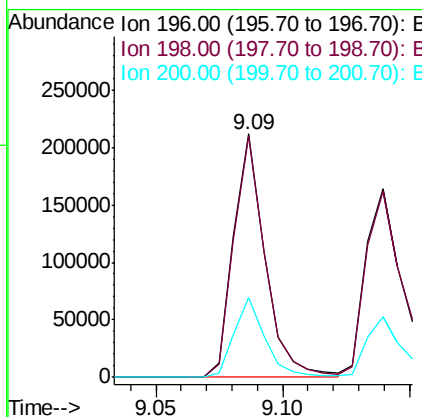
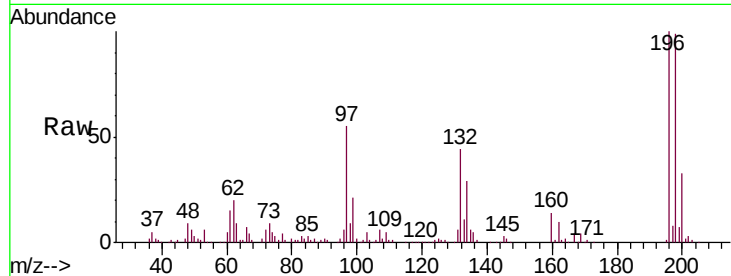
#43
 2,4,6-Trichlorophenol
 Concen: 36.742 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampled :
 PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183361		
198	99.1	79.2	118.8	
200	32.6	25.2	37.8	

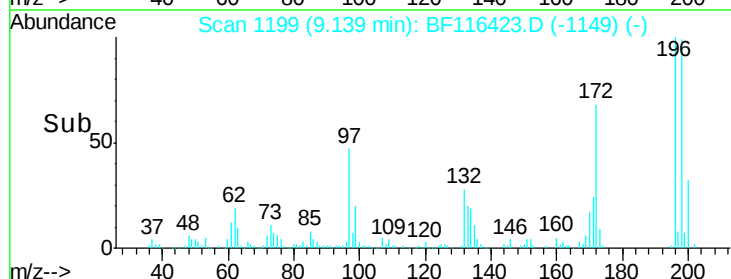
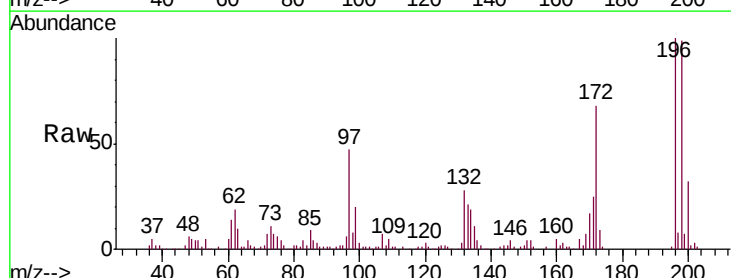
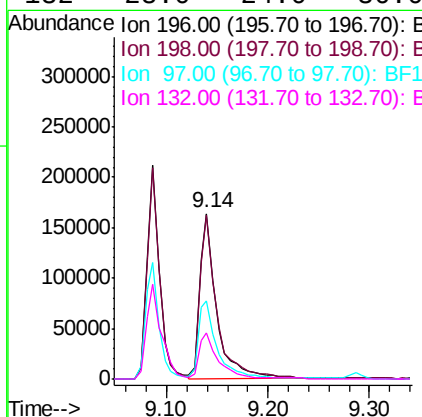
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#44
 2,4,5-Trichlorophenol
 Concen: 36.816 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189919		
198	99.0	78.8	118.2	
97	47.5	42.2	63.4	
132	28.0	24.0	36.0	





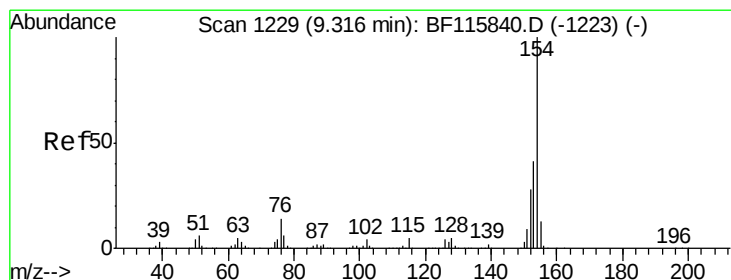
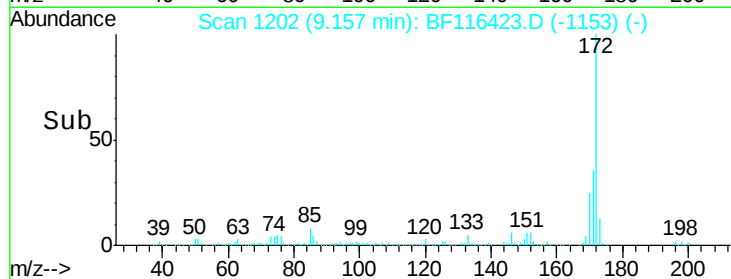
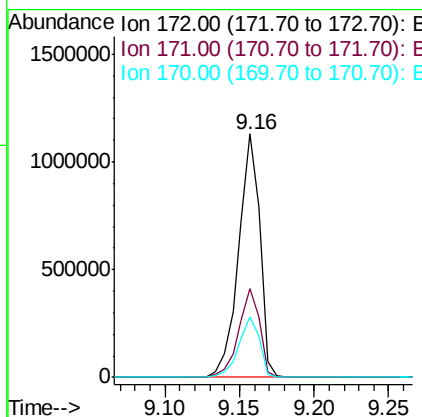
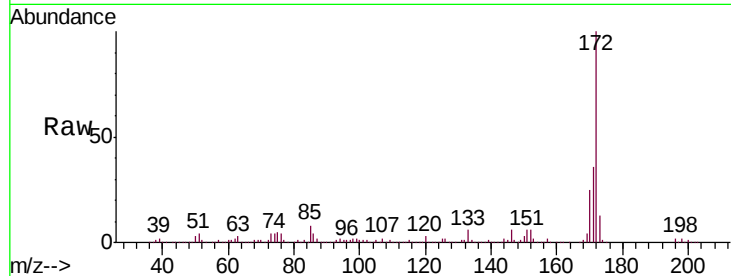
#45
2-Fluorobiphenyl
Concen: 77.361 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampled :
PB122344BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.9	20.1	30.1

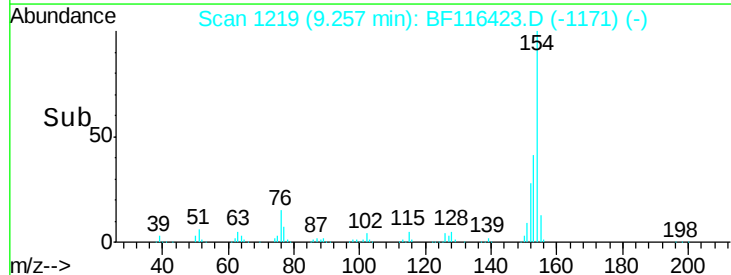
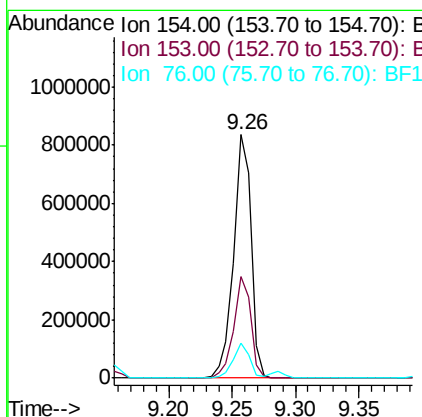
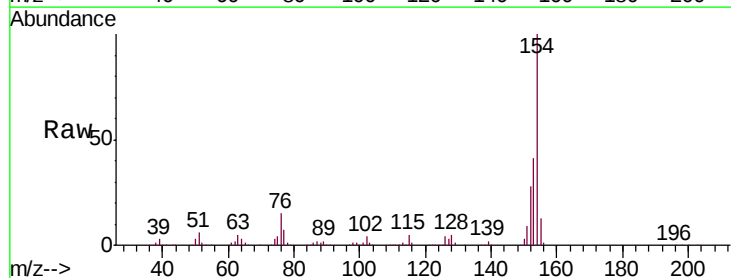
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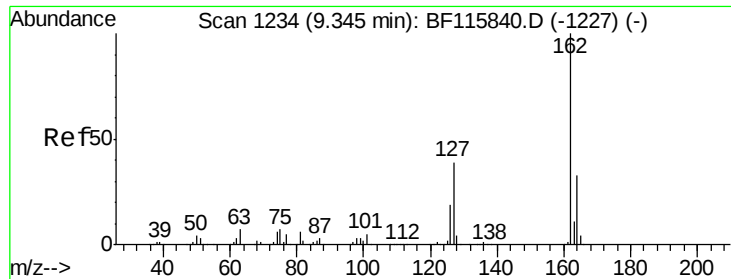
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#46
1,1'-Biphenyl
Concen: 41.334 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	14.6	0.0	35.2





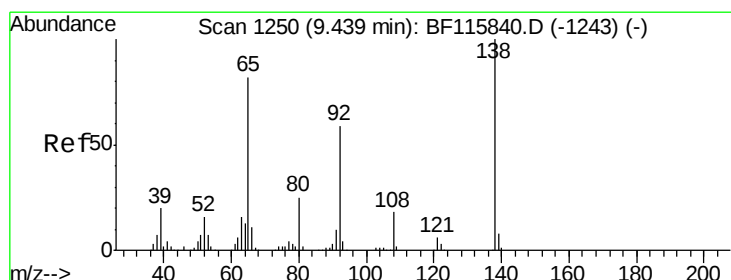
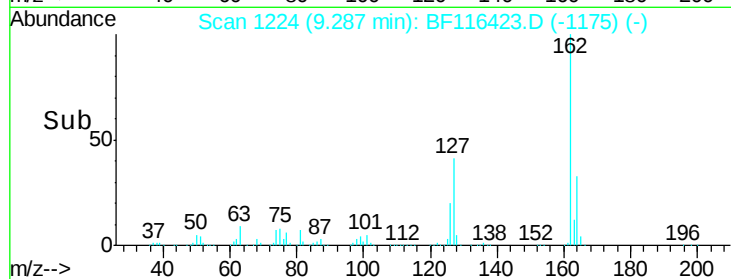
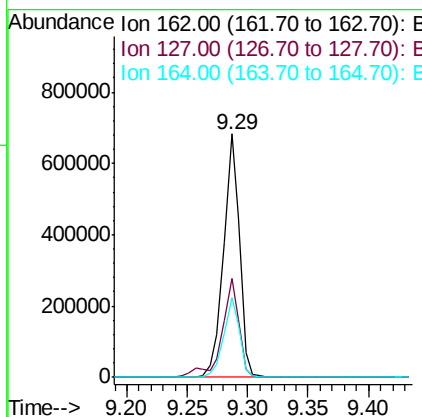
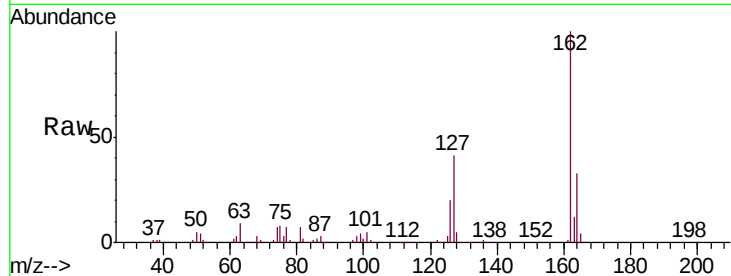
#47
 2-Chloronaphthalene
 Concen: 38.987 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	621294		
127	40.8	32.8	49.2	
164	32.9	26.6	39.8	

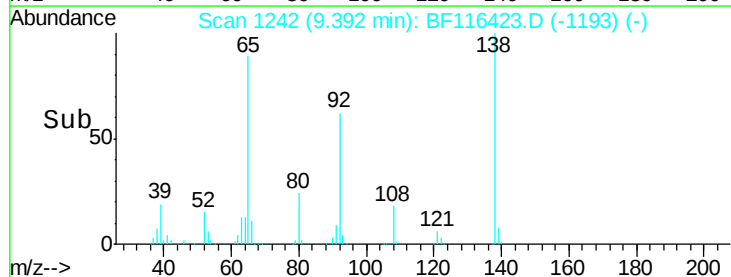
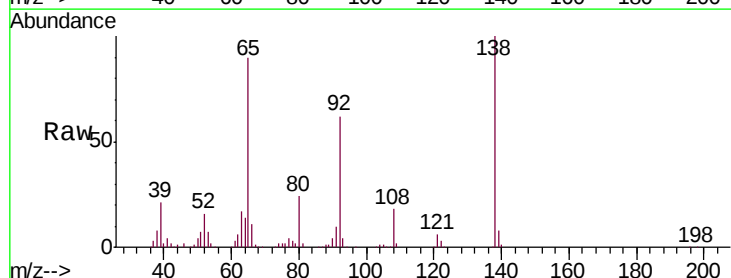
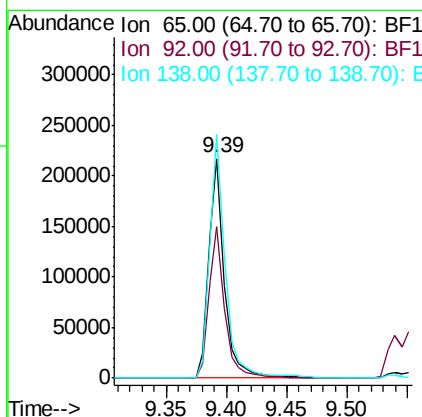
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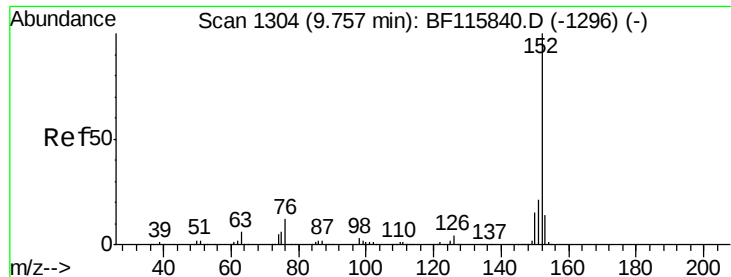
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#48
 2-Nitroaniline
 Concen: 36.735 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193495		
92	68.7	57.8	86.8	
138	110.8	94.0	141.0	





#49

Acenaphthylene

Concen: 39.853 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

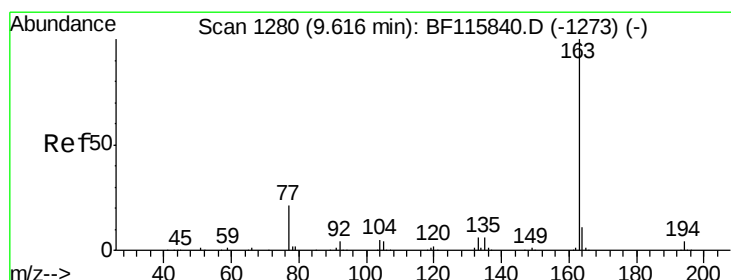
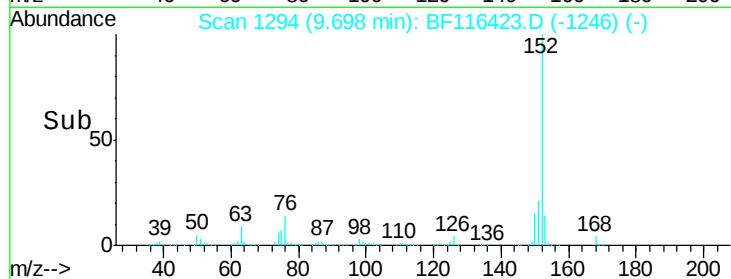
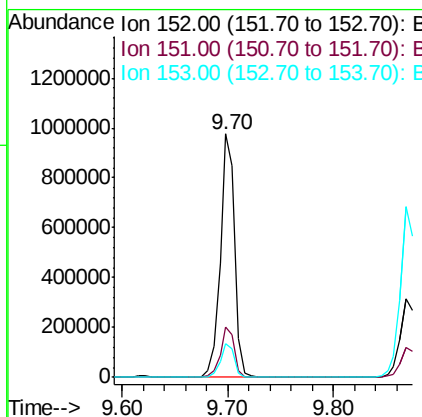
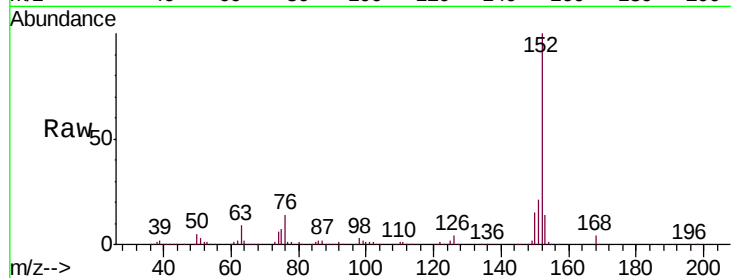
ClientSampleId :

PB122344BS

Tgt Ion:	152	Resp:	926520
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.2	25.8
153	14.0	11.8	17.8

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#50

Dimethylphthalate

Concen: 38.879 ng

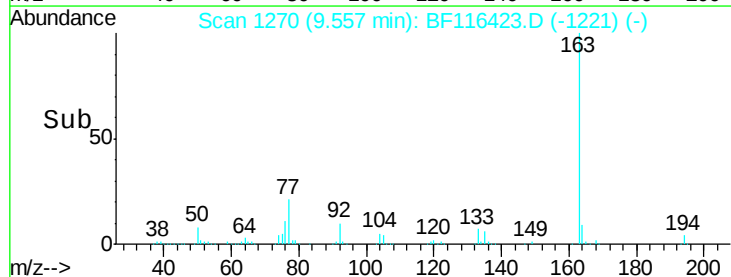
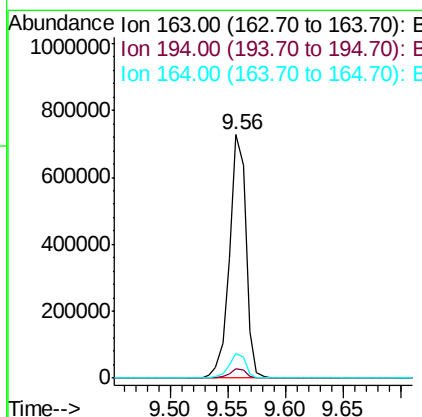
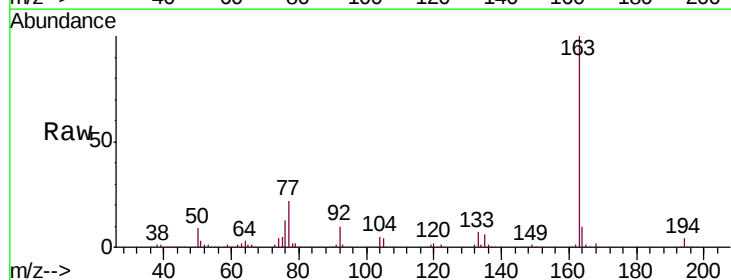
RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	163	Resp:	717934
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	10.4	8.4	12.6





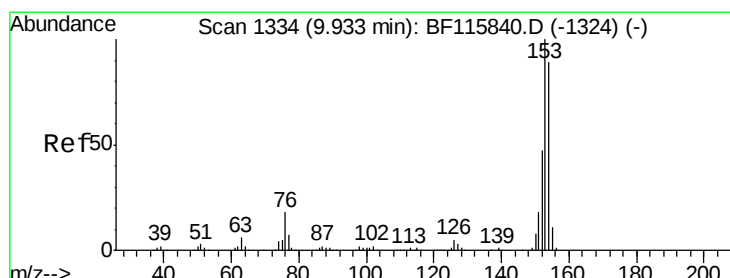
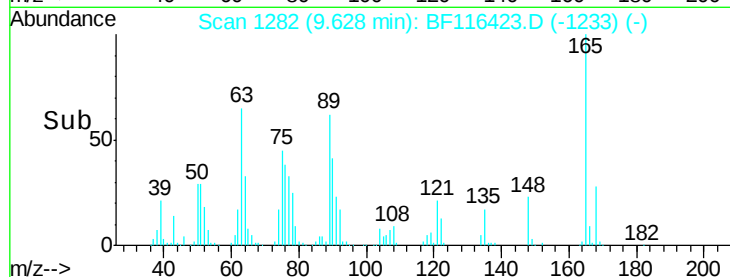
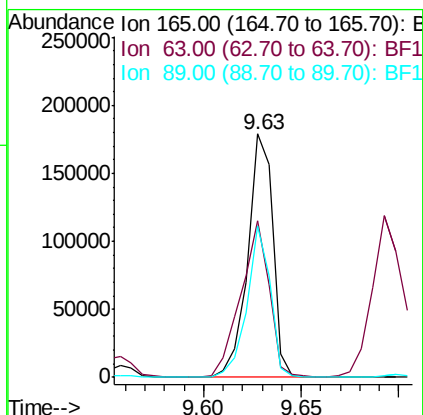
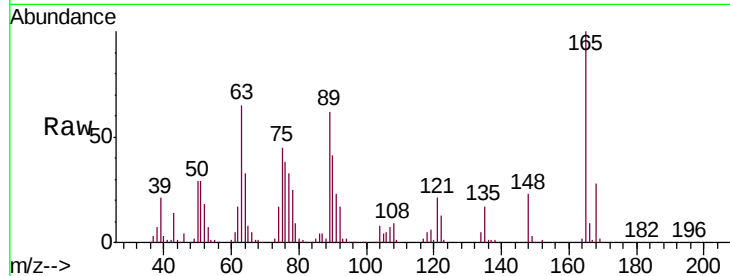
#51
 2,6-Dinitrotoluene
 Concen: 39.743 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.6	38.2	57.2#
89	62.1	42.9	64.3

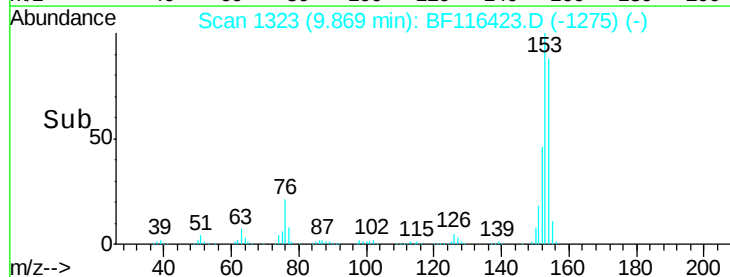
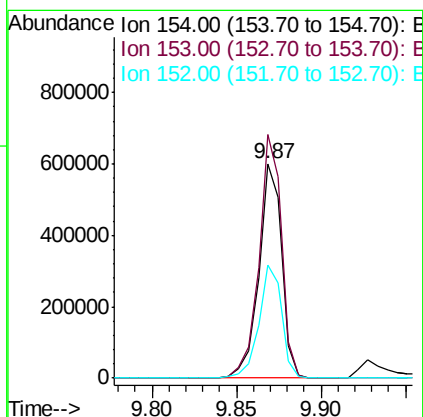
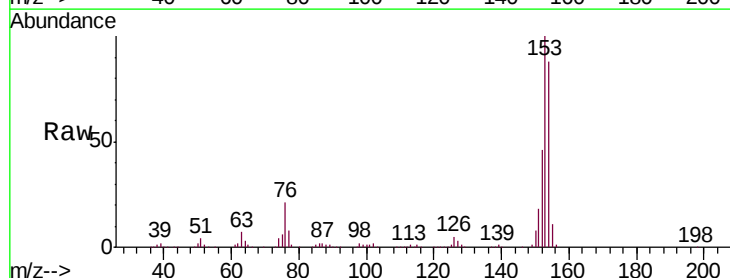
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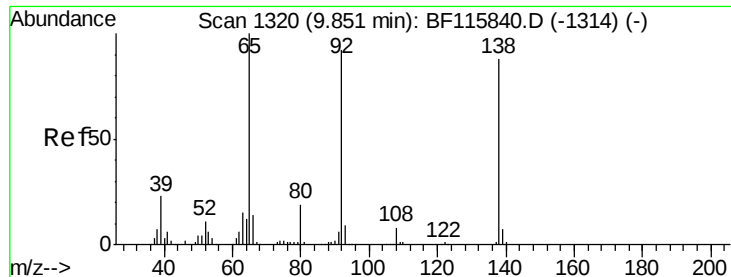
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#52
 Acenaphthene
 Concen: 39.562 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.3	89.4	134.0
152	52.6	42.3	63.5





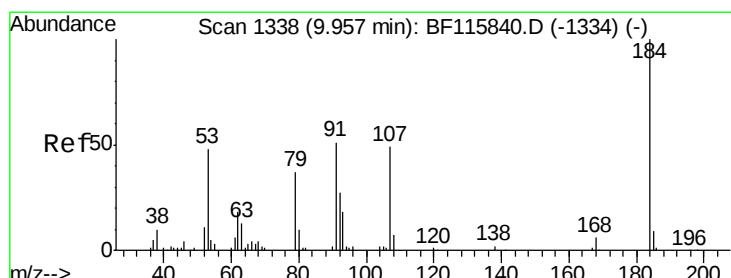
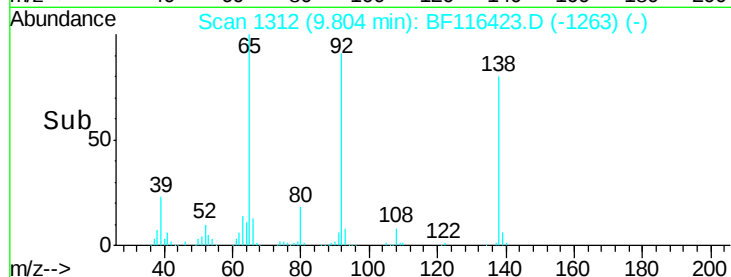
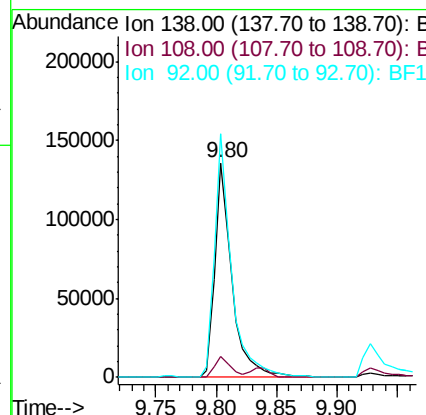
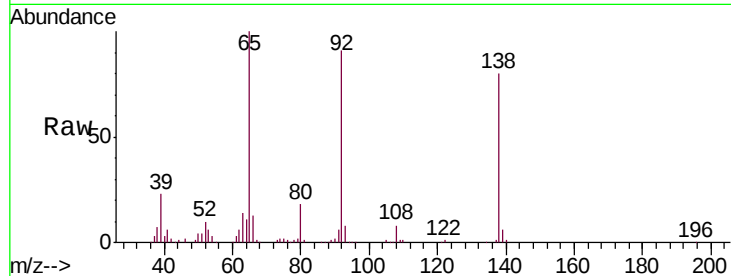
#53
3-Nitroaniline
Concen: 26.777 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	132775		
108	9.8	8.0	12.0	
92	113.4	91.0	136.6	

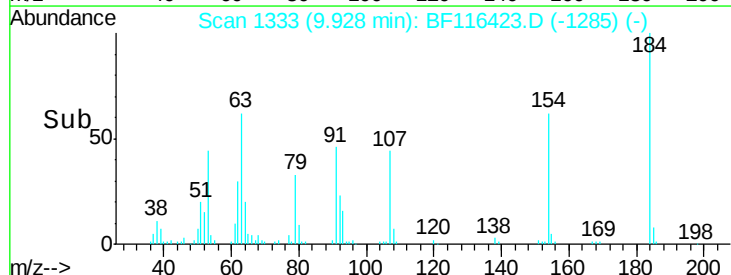
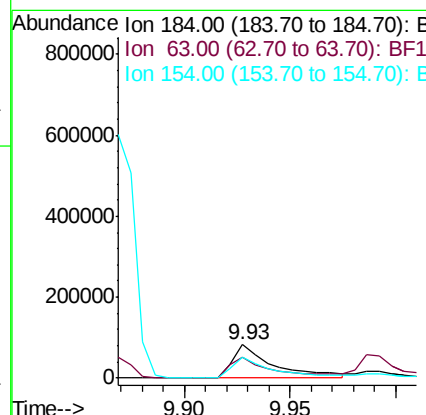
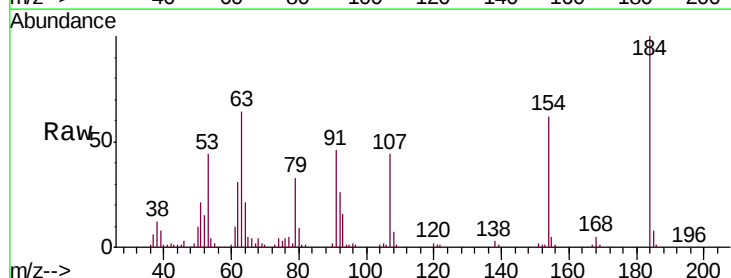
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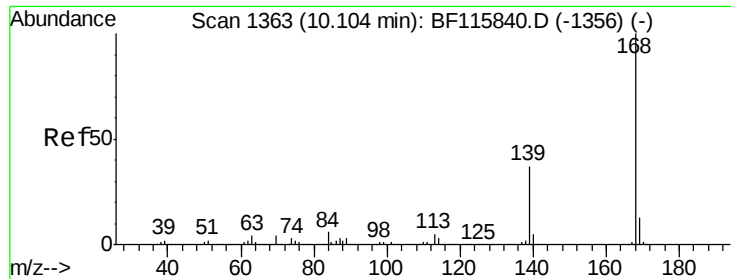
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#54
2,4-Dinitrophenol
Concen: 55.613 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108120		
63	64.4	53.0	79.4	
154	62.4	50.1	75.1	





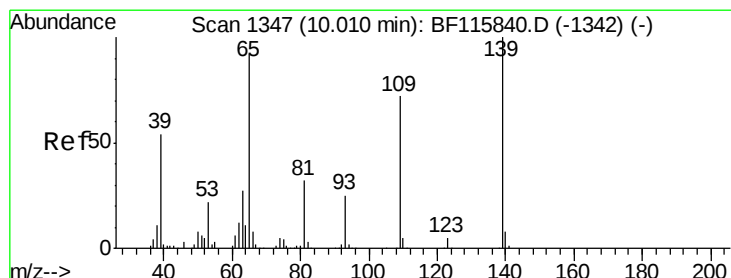
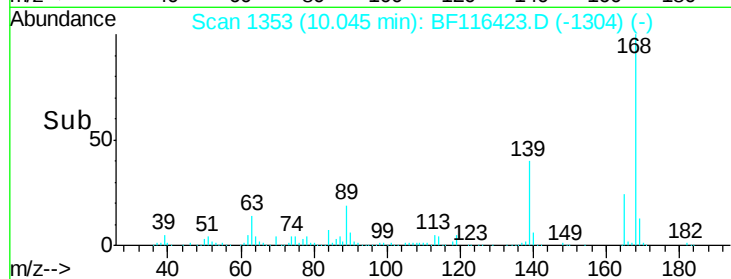
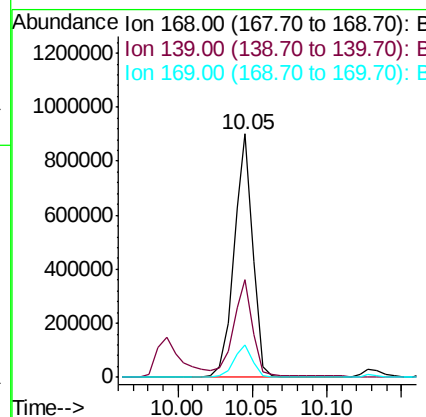
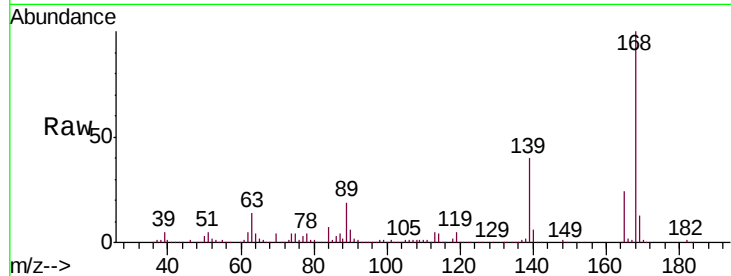
#55
Dibenzofuran
Concen: 38.222 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	792796		
139	39.9	31.4	47.2	
169	13.5	10.9	16.3	

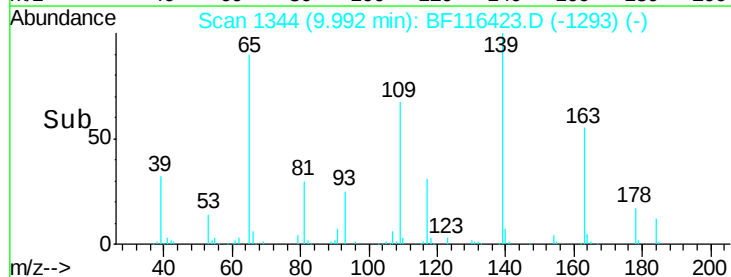
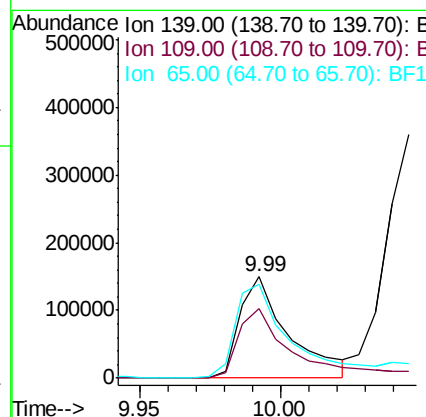
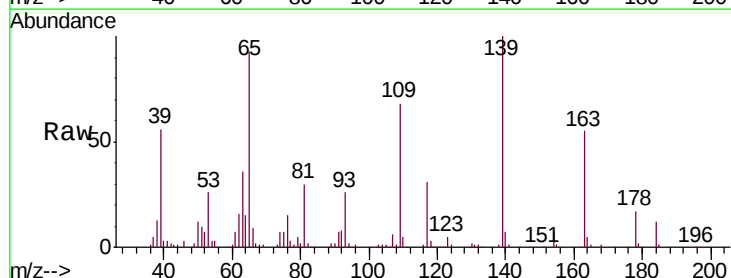
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#56
4-Nitrophenol
Concen: 56.213 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	178555		
109	68.2	54.4	94.4	
65	93.2	80.6	120.6	





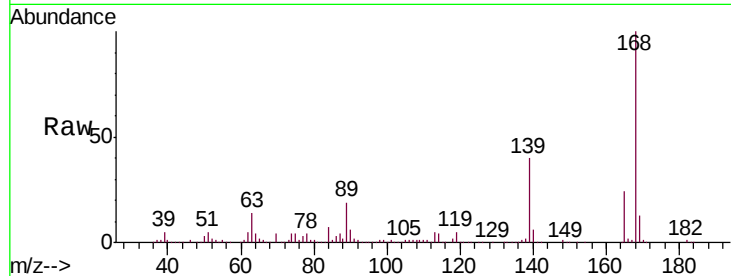
#57
 2,4-Dinitrotoluene
 Concen: 36.749 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

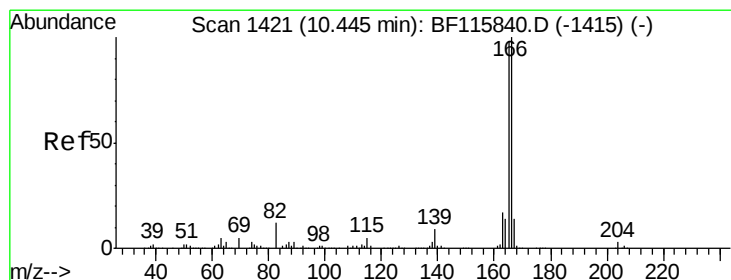
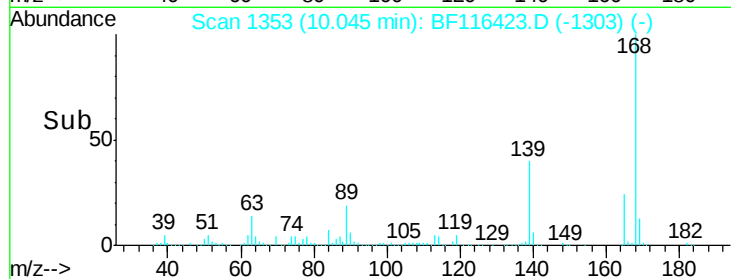
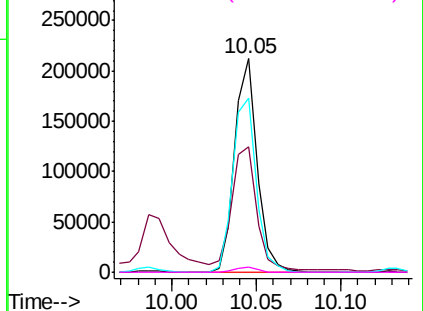
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196347		
63	58.9	39.6	59.4	
89	81.6	62.2	93.2	
182	2.5	2.1	3.1	

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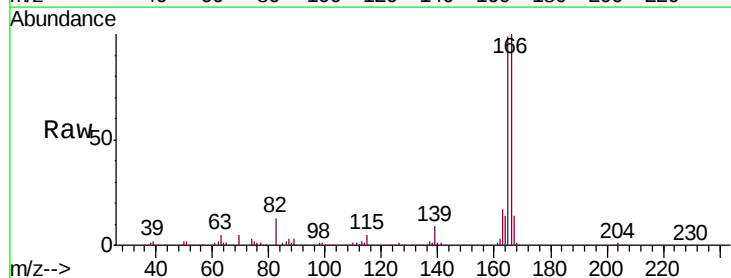


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

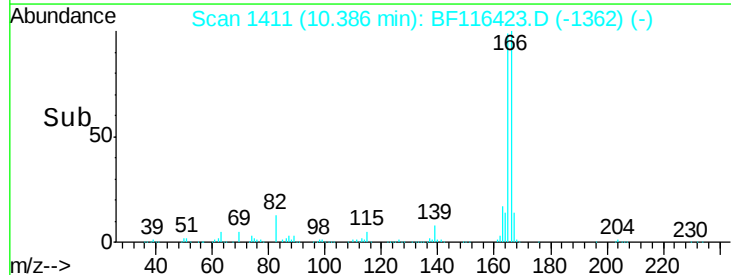
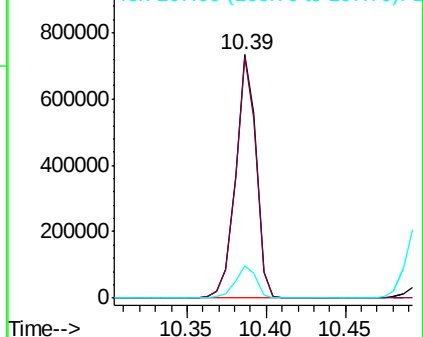


#58
 Fluorene
 Concen: 41.231 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	657979		
165	99.0	78.4	117.6	
167	13.6	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





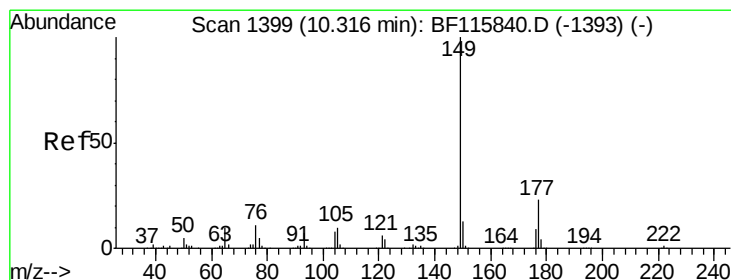
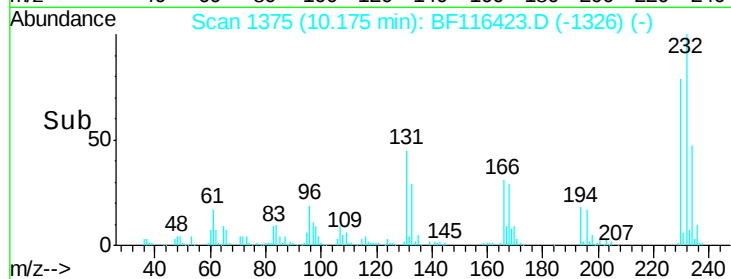
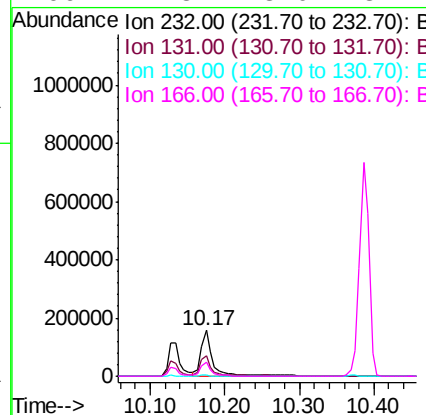
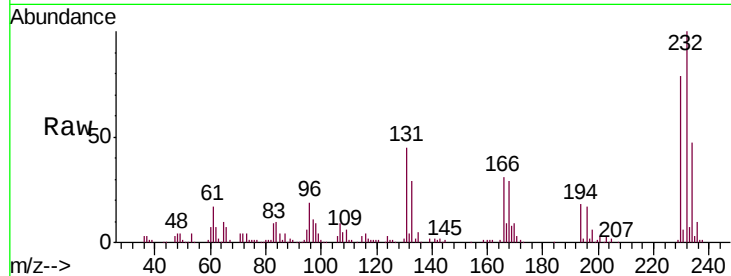
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.532 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		171571		
131	41.3	36.2	54.2		
130	2.4	1.9	2.9		
166	27.8	23.0	34.4		

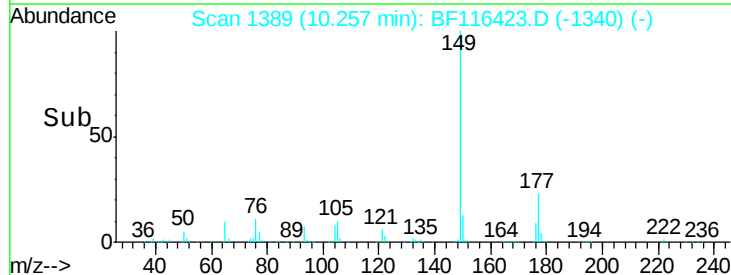
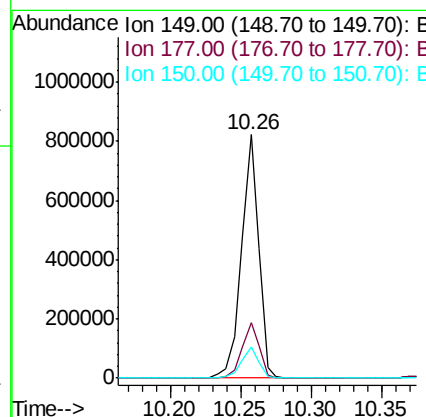
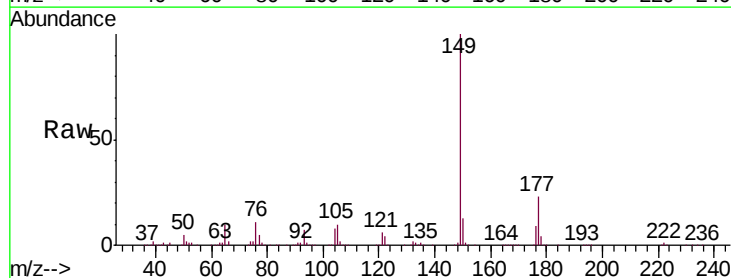
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#60
 Diethylphthalate
 Concen: 40.347 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		695595		
177	22.8	18.8	28.2		
150	12.7	10.2	15.4		





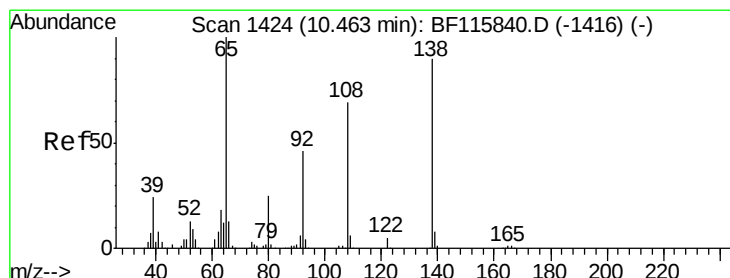
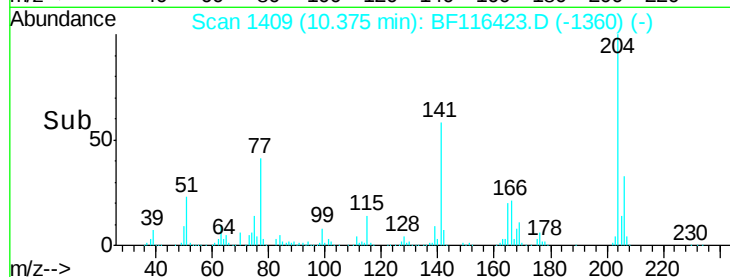
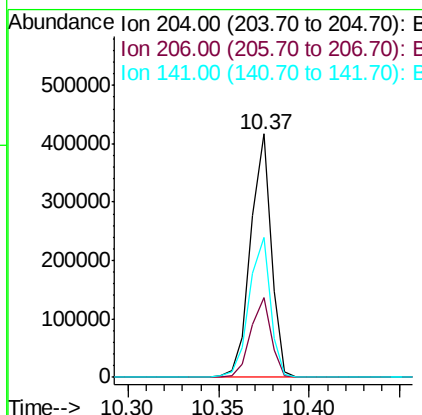
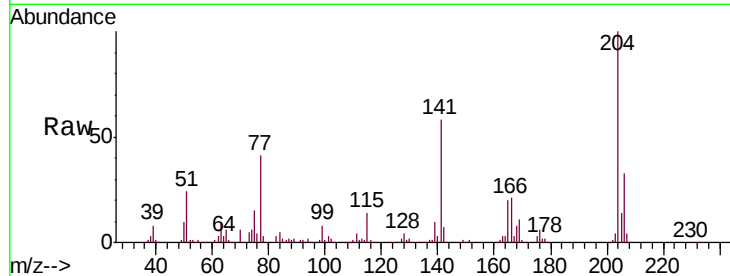
#61
4-Chlorophenyl-phenylether
Concen: 41.039 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampled :
PB122344BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	57.7	46.4	69.6

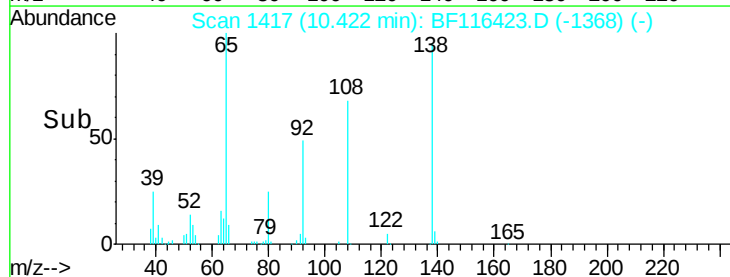
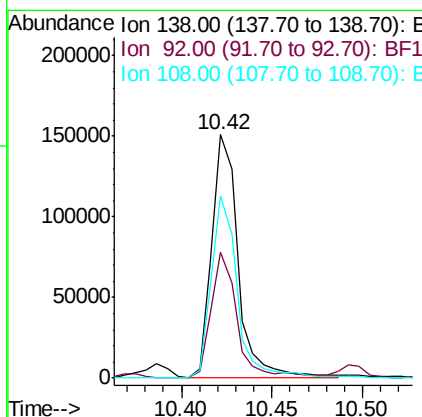
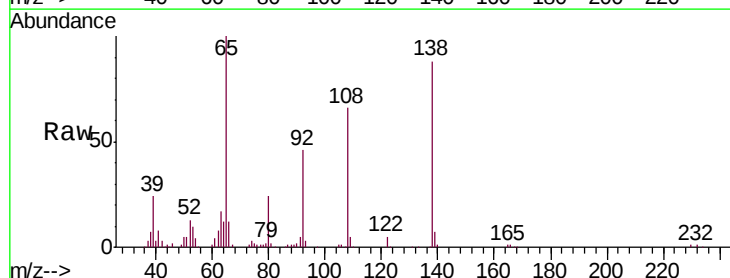
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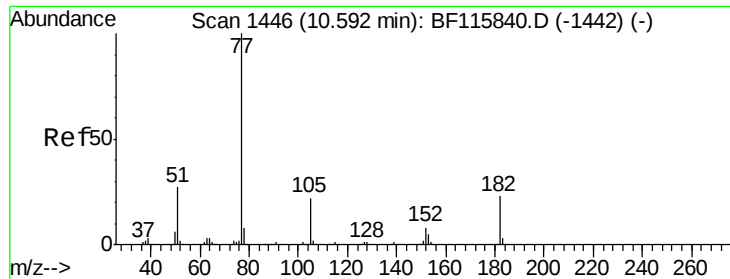
Jagrut
8/21/2019 3:51:00 PM



#62
4-Nitroaniline
Concen: 30.048 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	29.0	69.0
108	74.8	54.7	94.7





#63

Azobenzene

Concen: 40.712 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

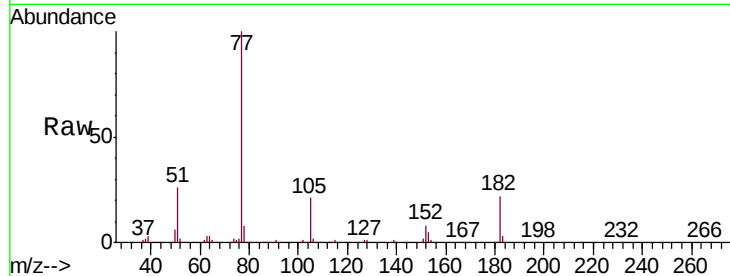
ClientSampleId :

PB122344BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		721933		
182	22.5	4.0	44.0		
105	21.5	2.0	42.0		
51	26.2	7.5	47.5		

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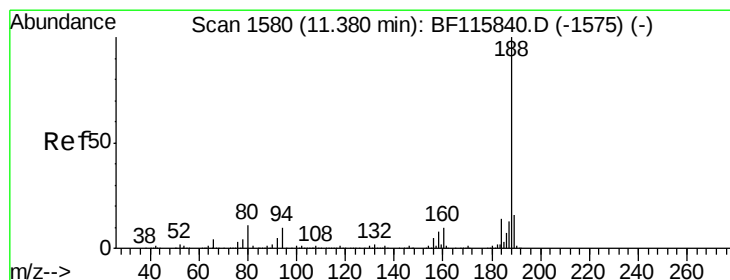
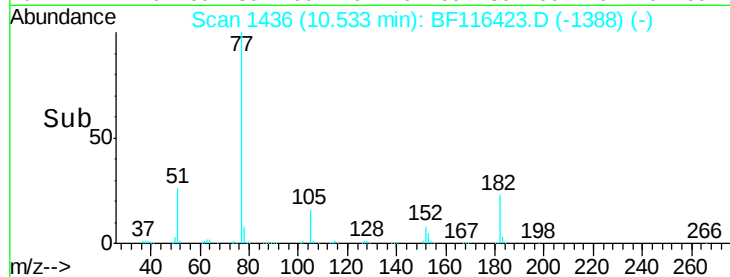
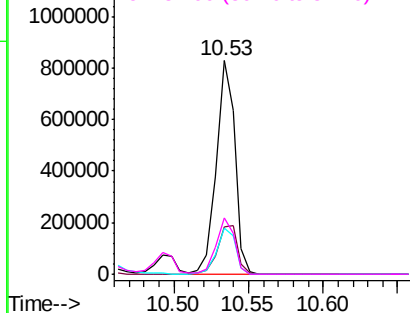


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

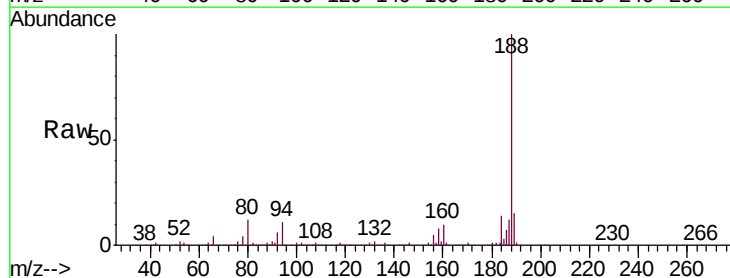
RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

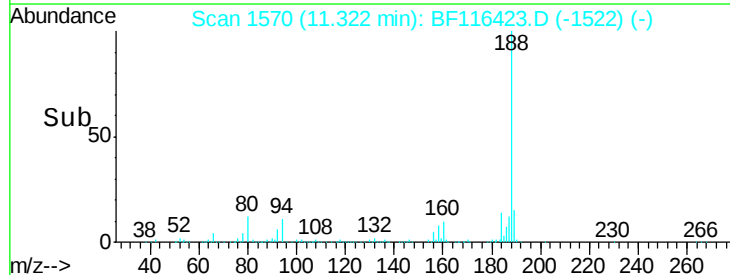
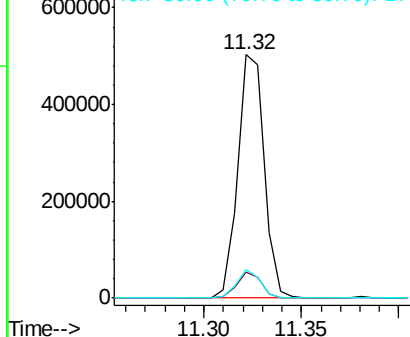
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		469317		
94	10.8	8.1	12.1		
80	11.8	8.7	13.1		

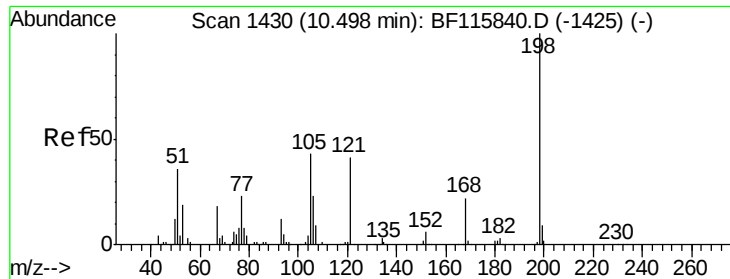


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.214 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

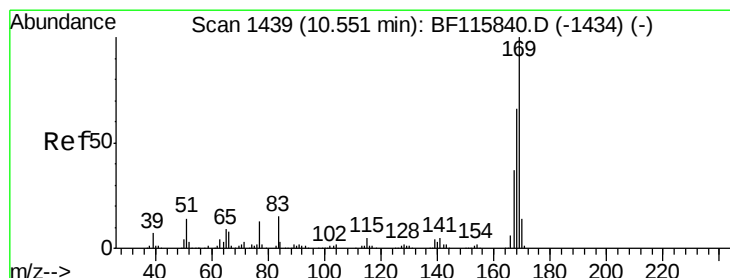
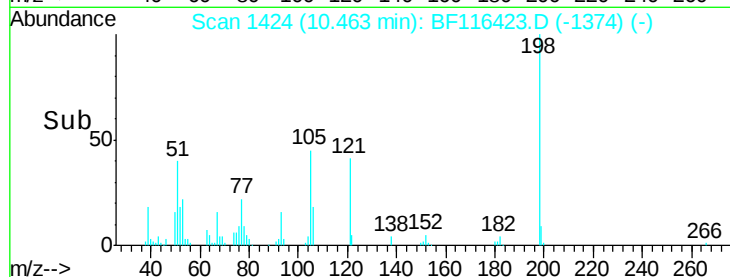
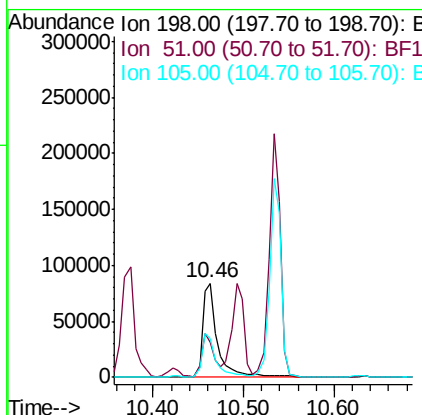
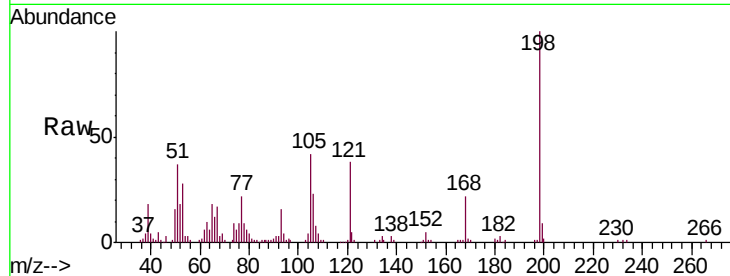
ClientSampled :

PB122344BS

Tgt Ion:	198	Resp:	97529
Ion Ratio	Lower	Upper	
198	100		
51	37.4	17.0	57.0
105	41.8	21.6	61.6

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#66

n-Nitrosodiphenylamine

Concen: 41.147 ng

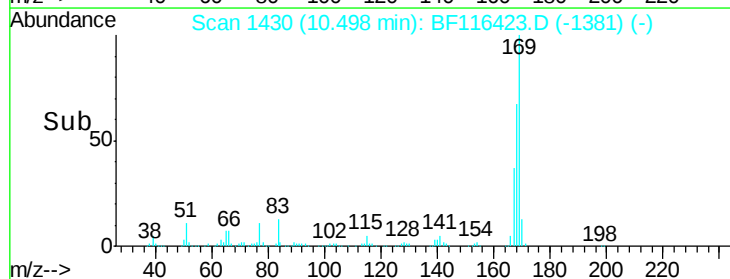
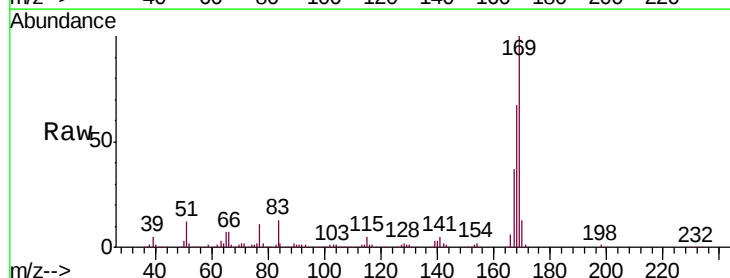
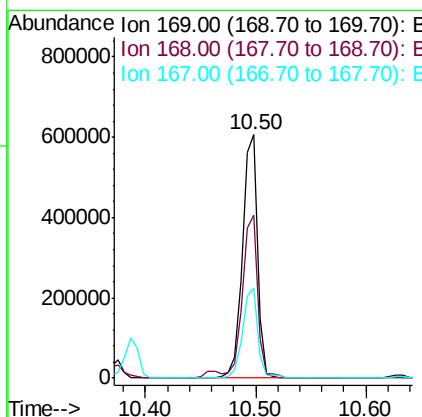
RT: 10.50 min Scan# 1430

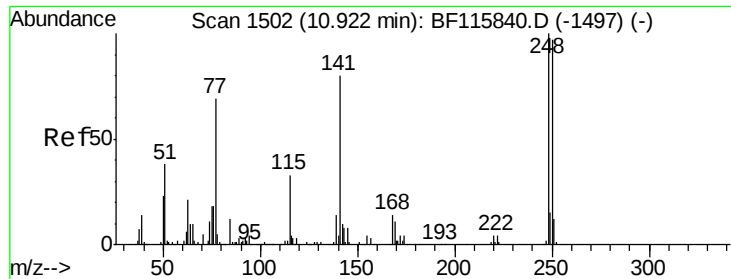
Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	169	Resp:	581241
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.8	80.6
167	36.8	29.6	44.4





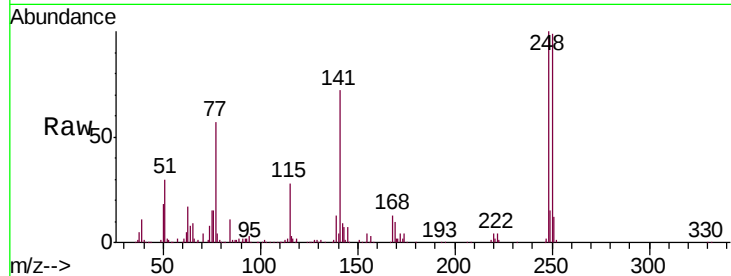
#67
4-Bromophenyl-phenylether
Concen: 39.617 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.4	116.2
141	72.1	56.8	85.2

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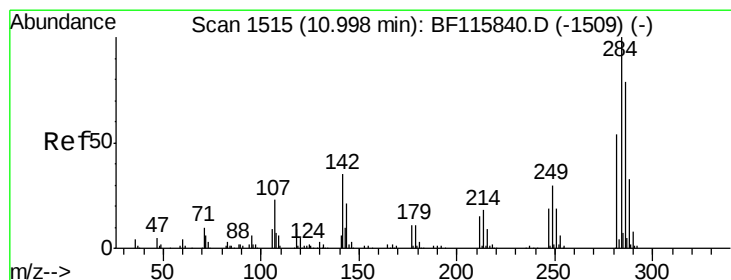
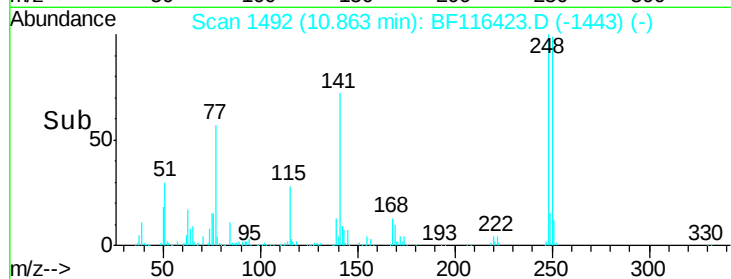
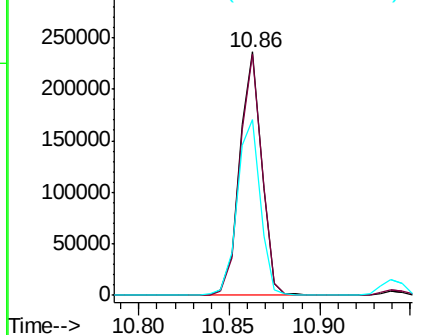


Abundance

Ion 248.00 (247.70 to 248.70): E

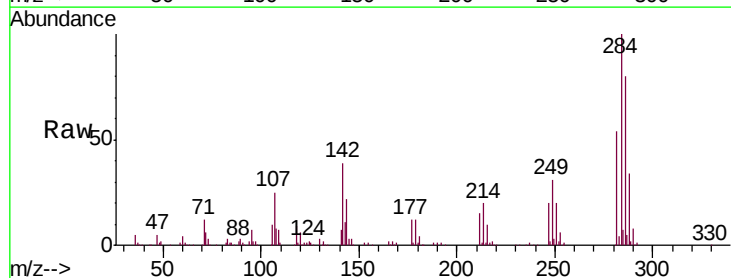
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.273 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	28.4	42.6
249	31.4	24.5	36.7

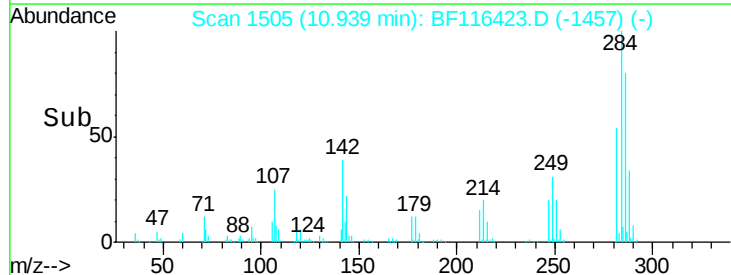
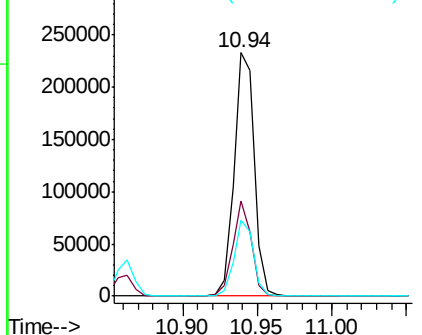


Abundance

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





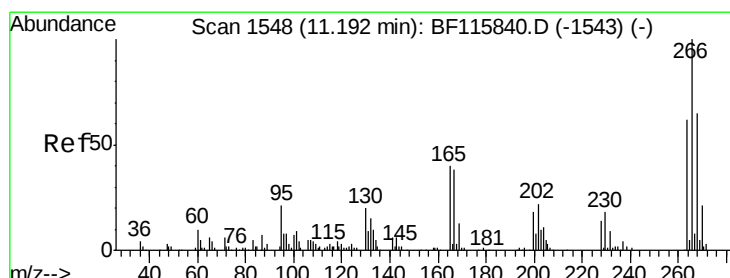
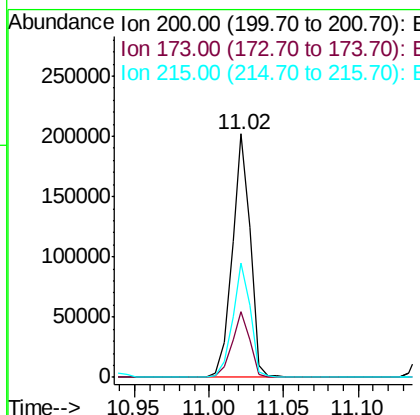
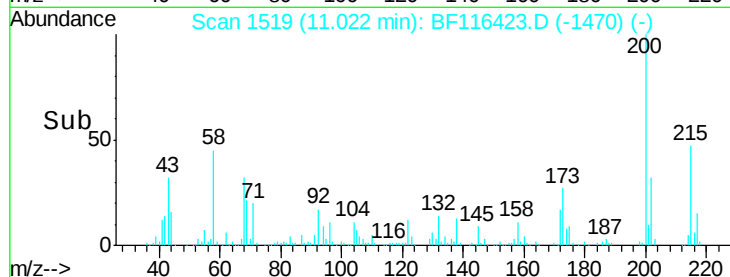
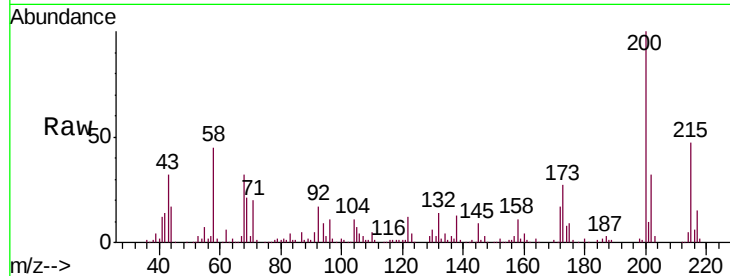
#69
 Atrazine
 Concen: 37.091 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampled :
 PB122344BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	6.8	46.8
215	46.9	27.5	67.5

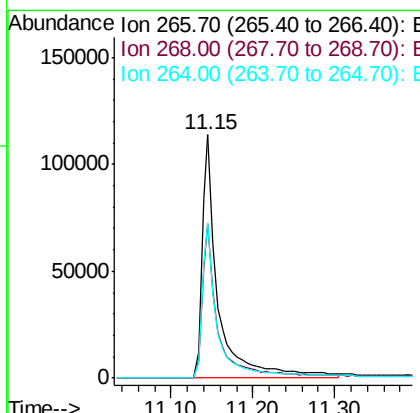
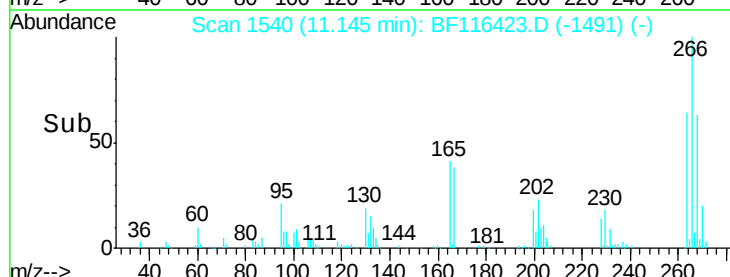
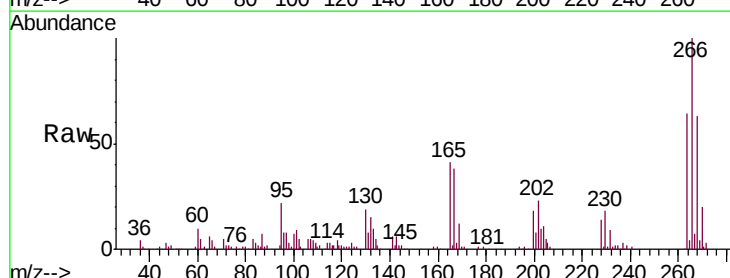
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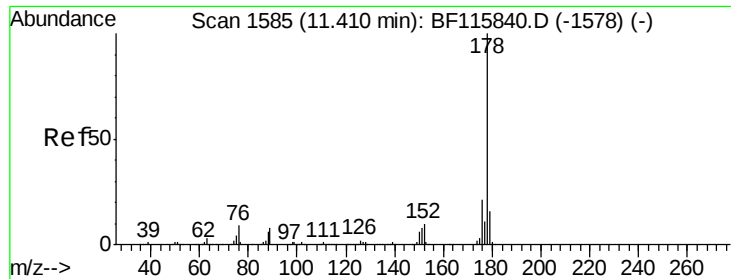
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#70
 Pentachlorophenol
 Concen: 55.810 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	48.8	73.2
264	63.5	50.6	76.0





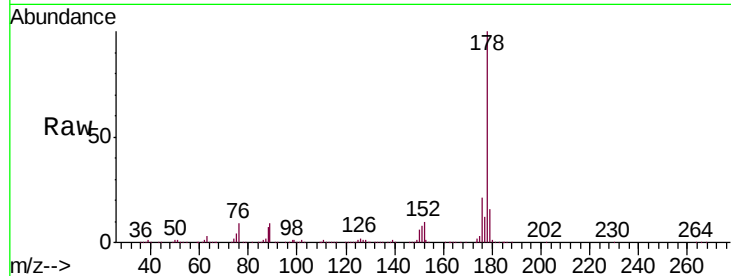
#71
Phenanthrene
Concen: 39.938 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

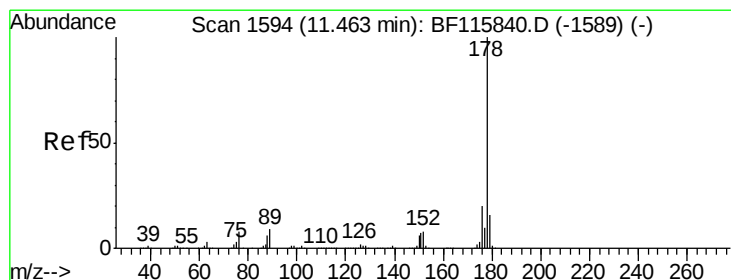
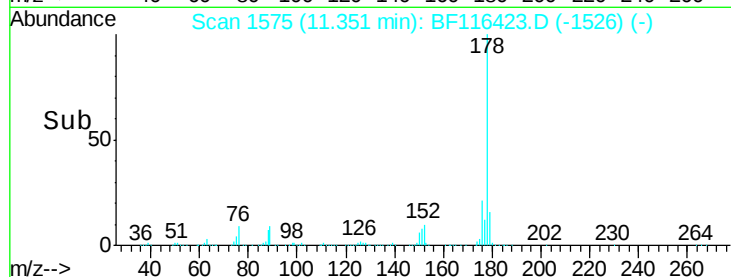
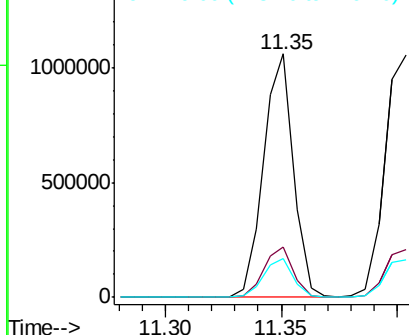
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	24.8
179	15.9	12.5	18.7

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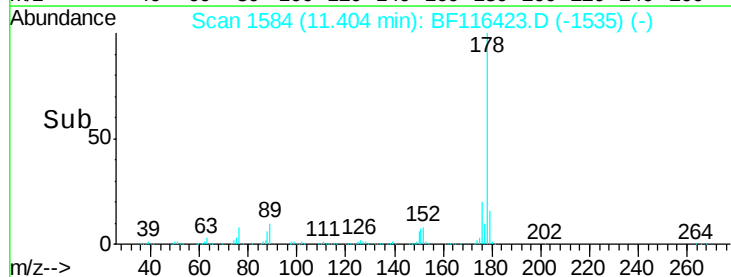
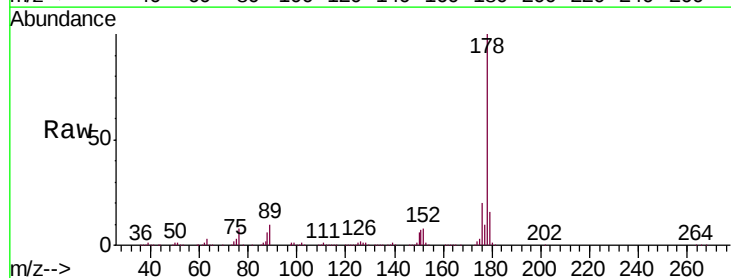
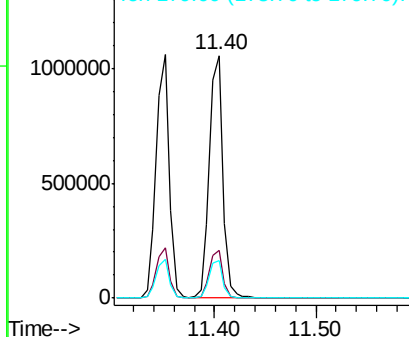
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

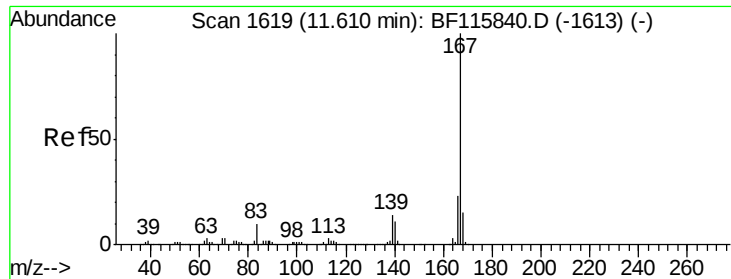


#72
Anthracene
Concen: 40.543 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.7	13.0	19.6

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





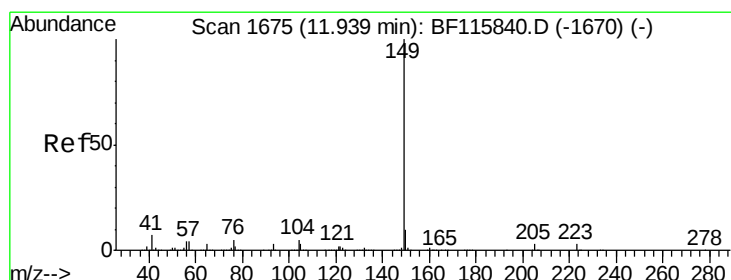
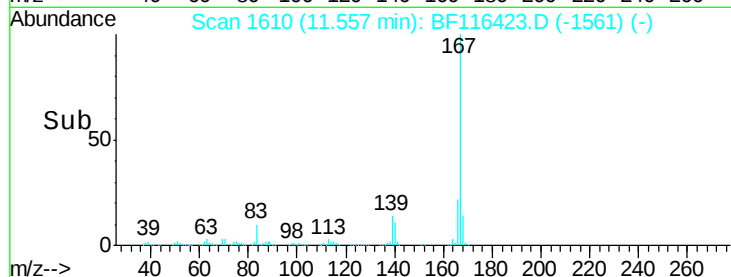
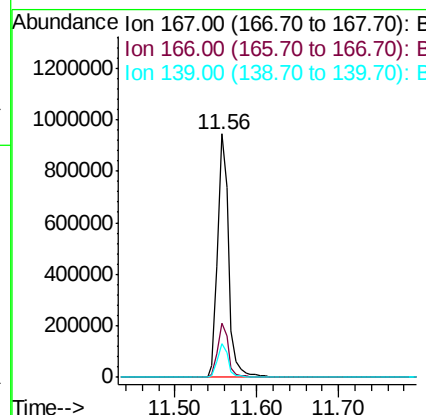
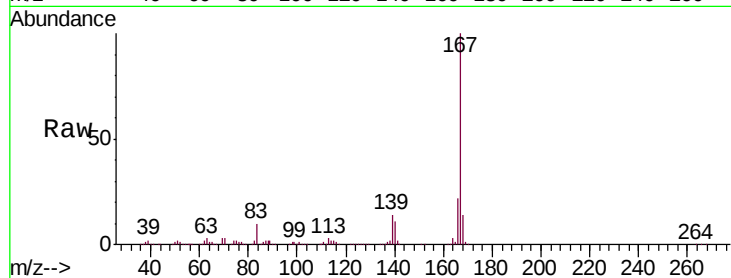
#73
 Carbazole
 Concen: 39.964 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.0	11.4	17.0

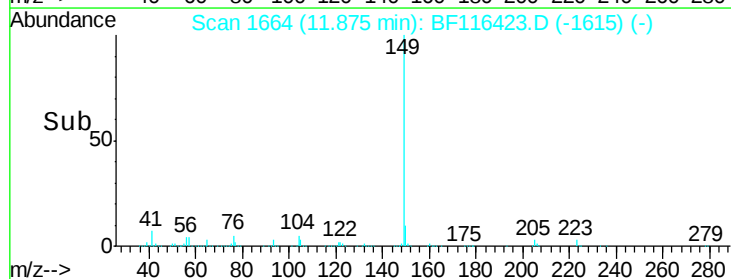
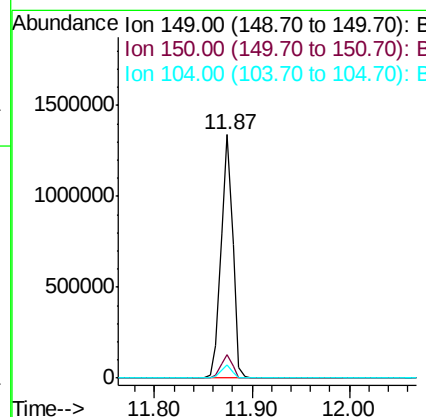
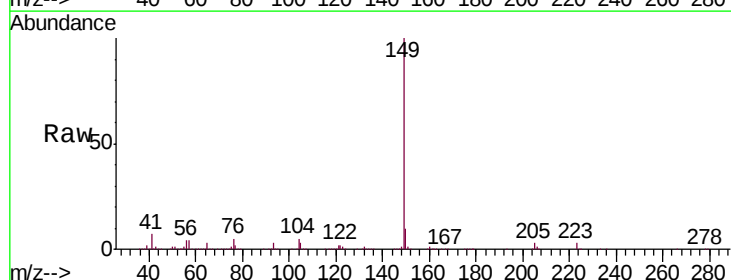
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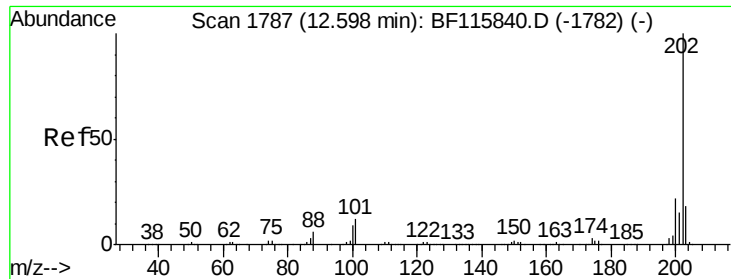
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#74
 Di-n-butylphthalate
 Concen: 43.297 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.2	4.5	6.7





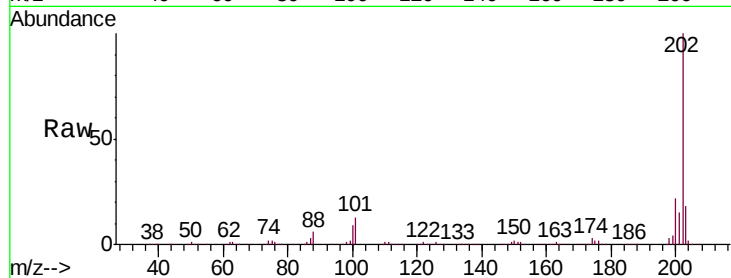
#75
 Fluoranthene
 Concen: 40.141 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1008250		
101	12.5	0.0	31.2	
203	18.2	0.0	37.8	

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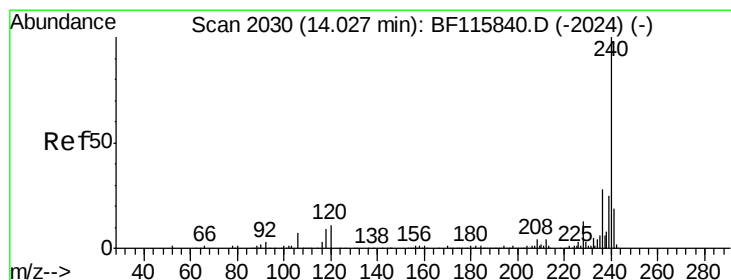
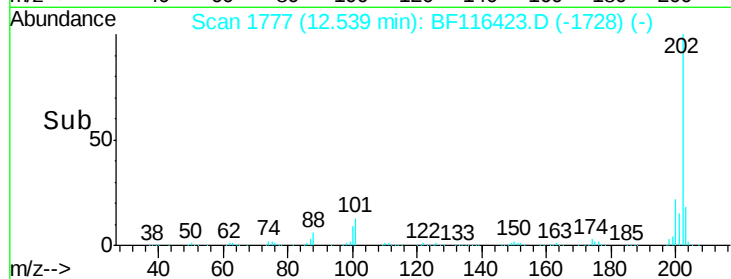
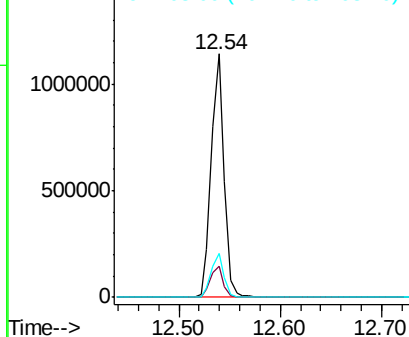


Abundance

Ion 202.00 (201.70 to 202.70): E

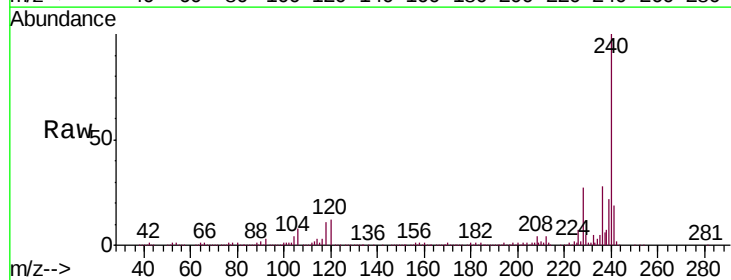
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328983		
120	11.6	10.7	16.1	
236	27.9	22.2	33.2	

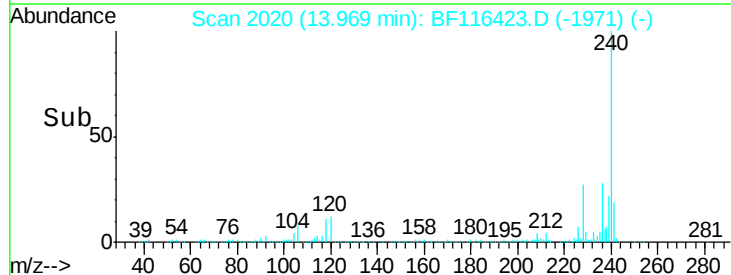
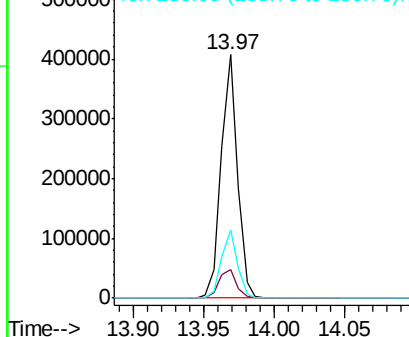


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.179 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

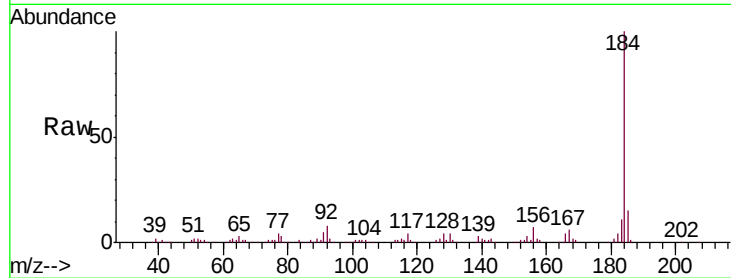
ClientSampleId :

PB122344BS

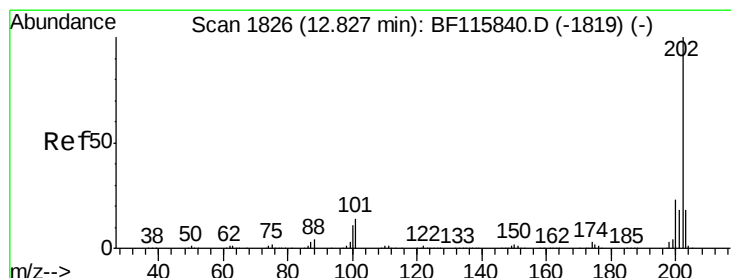
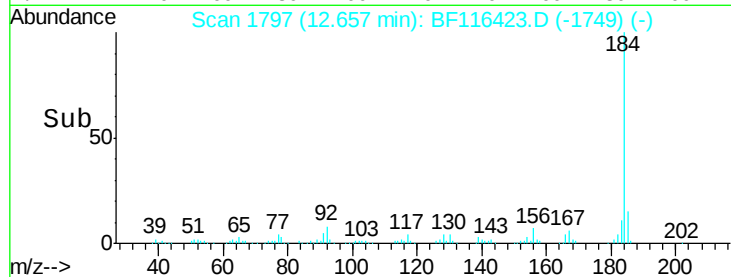
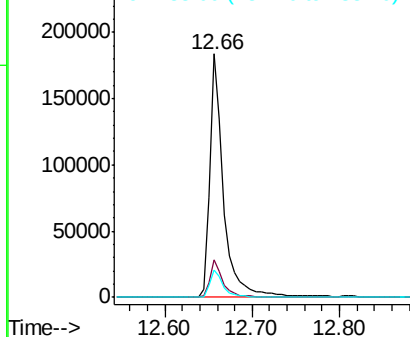
Tgt Ion:	184	Resp:	202051
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.8	19.2
183	11.4	9.4	14.0

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



#78

Pyrene

Concen: 41.509 ng

RT: 12.77 min Scan# 1816

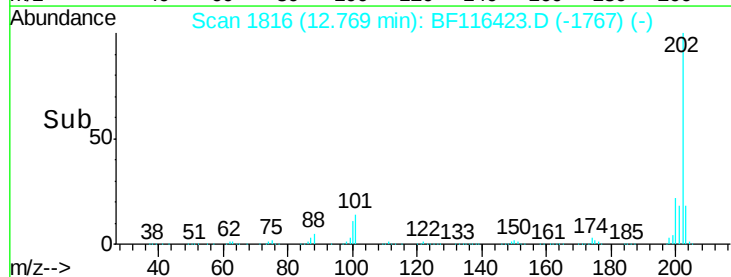
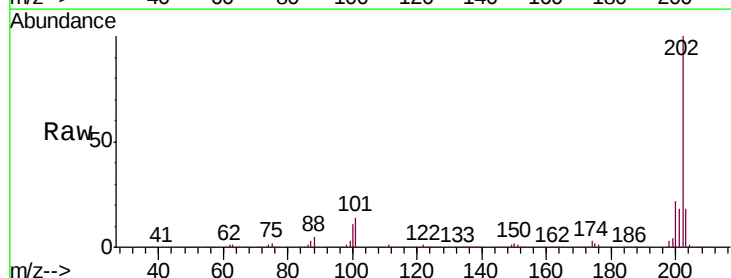
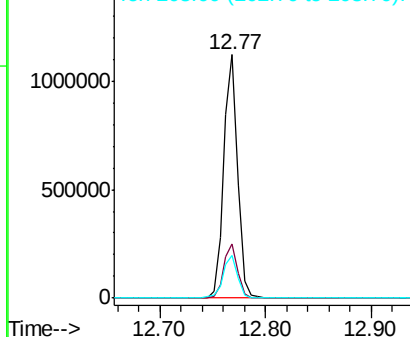
Delta R.T. -0.01 min

Lab File: BF116423.D

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Tgt Ion:	202	Resp:	1029381
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	17.6	14.1	21.1

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





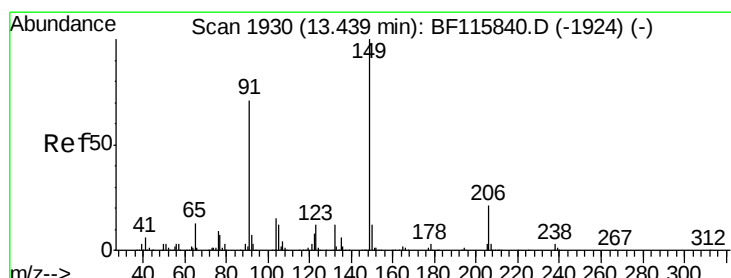
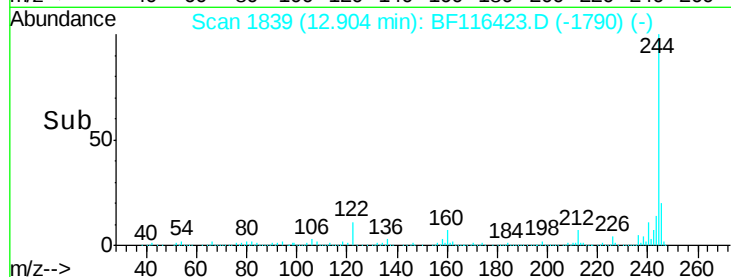
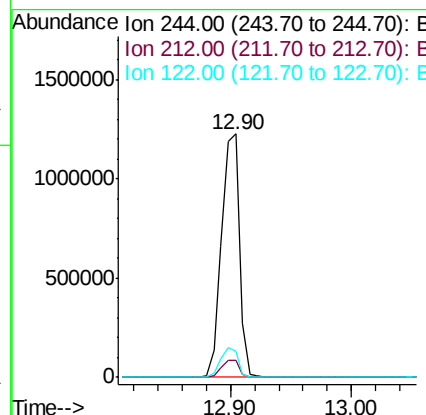
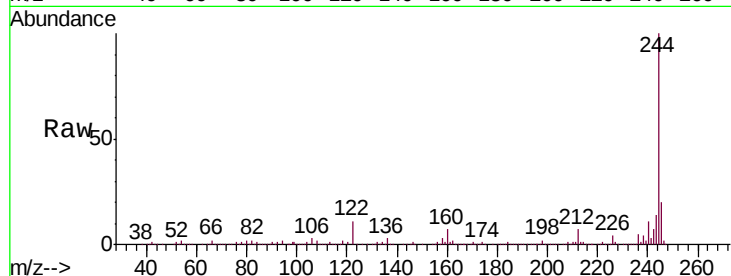
#79
 Terphenyl-d14
 Concen: 79.868 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :
 PB122344BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.7	9.0	13.4

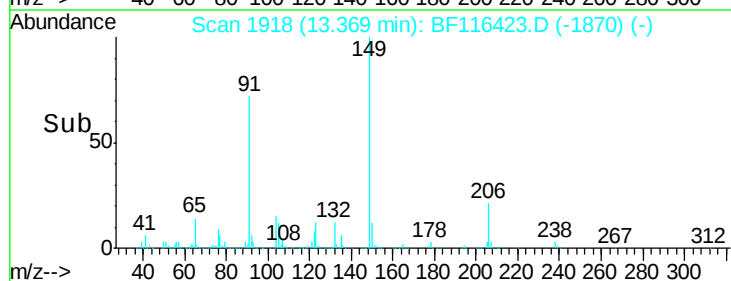
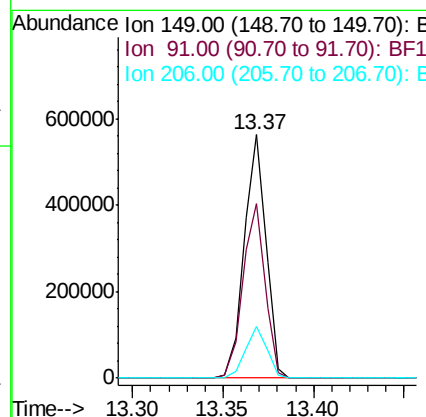
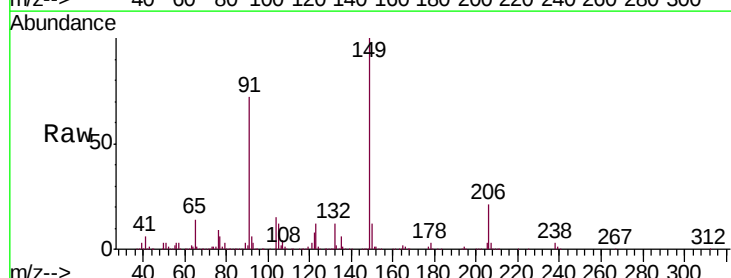
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#80
 Butylbenzylphthalate
 Concen: 44.801 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BF116423.D
 Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.3	84.5
206	21.1	18.0	27.0





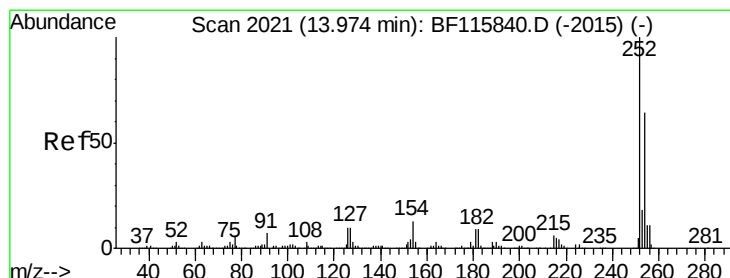
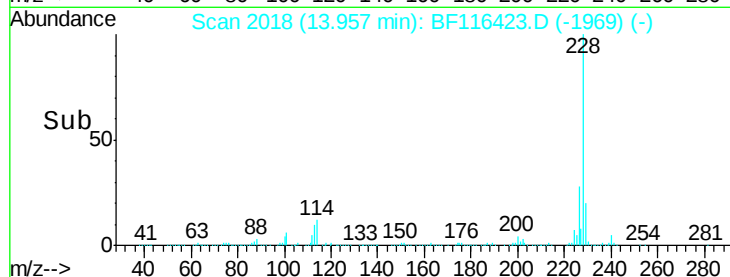
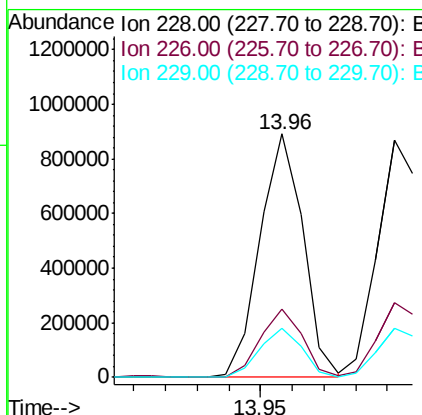
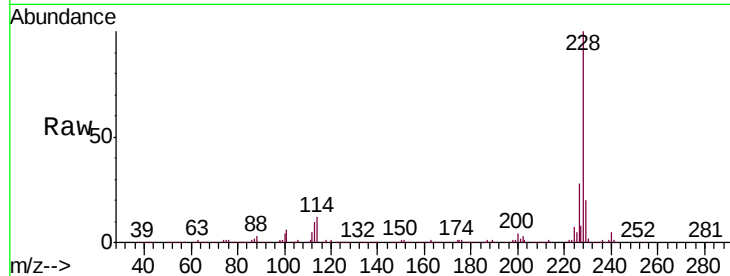
#81
Benzo(a)anthracene
Concen: 40.016 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.4	16.2	24.4

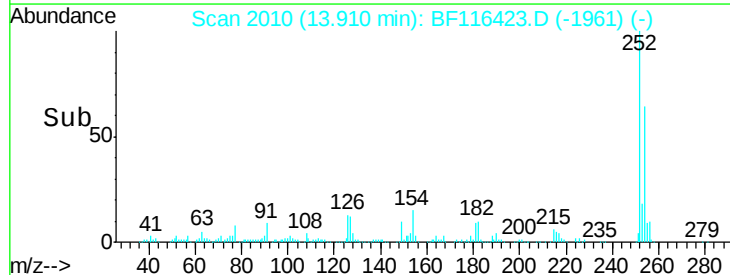
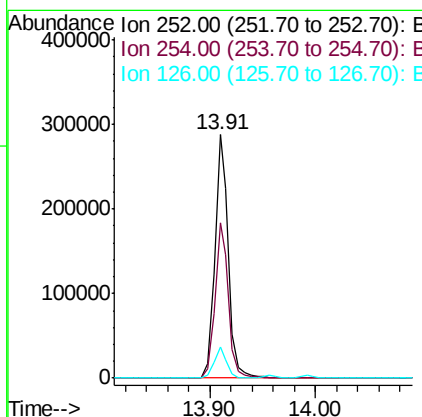
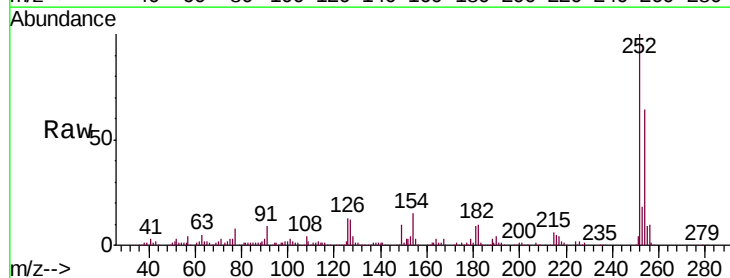
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#82
3,3'-Dichlorobenzidine
Concen: 35.840 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.9	76.3
126	12.7	9.8	14.8





#83

Chrysene

Concen: 40.278 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

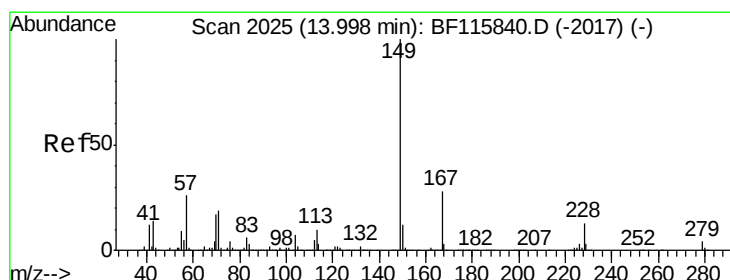
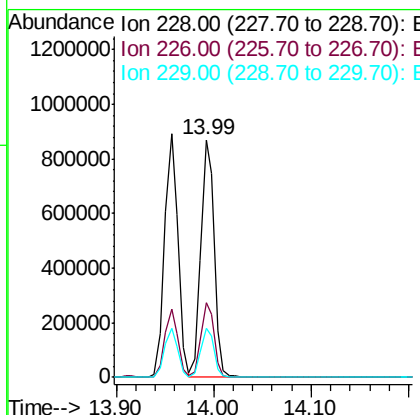
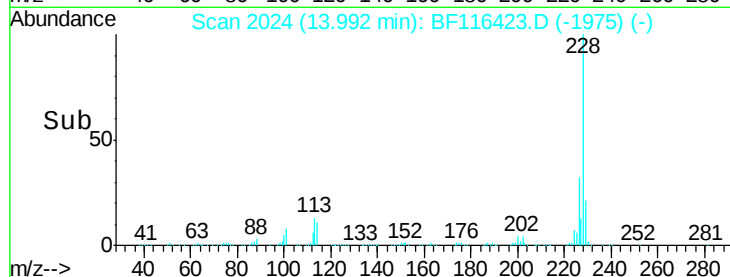
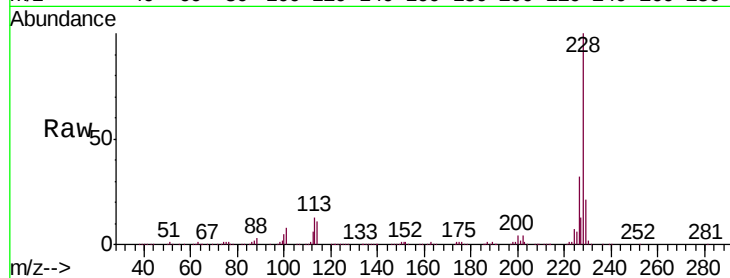
ClientSampleId :

PB122344BS

Tgt	Ion:228	Resp:	822249
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.8	16.6	24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 48.490 ng

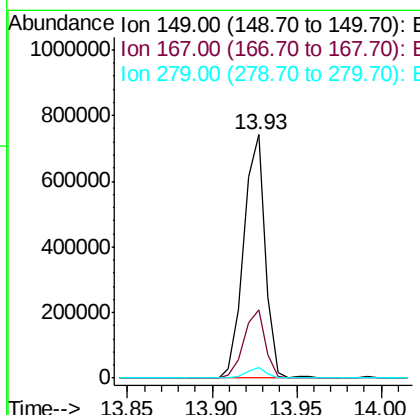
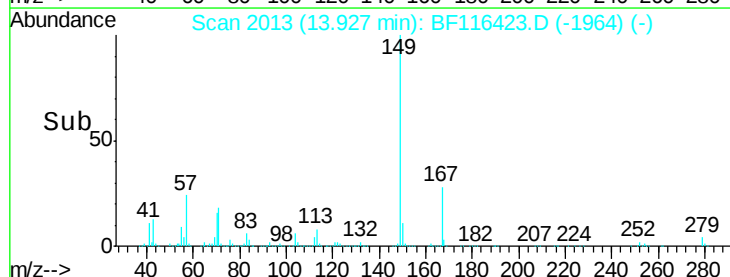
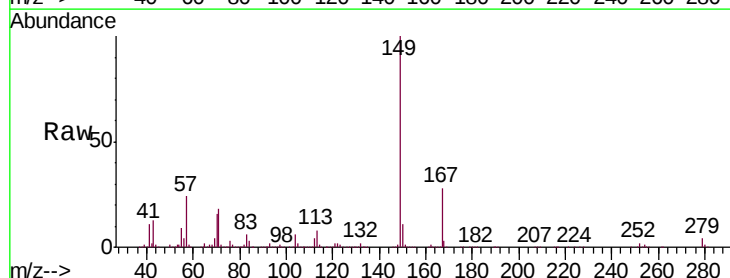
RT: 13.93 min Scan# 2013

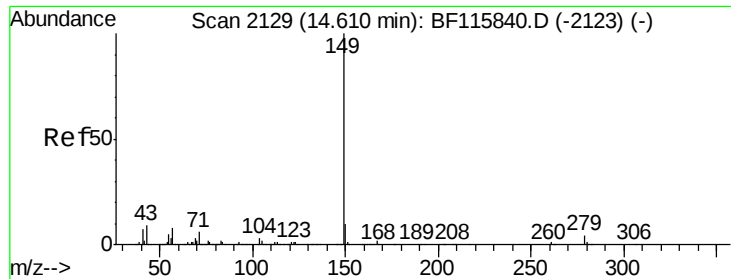
Delta R.T. -0.01 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt	Ion:149	Resp:	661009
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.6	32.4
279	4.3	3.0	4.4





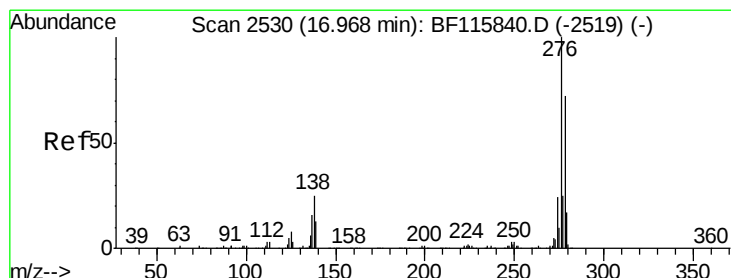
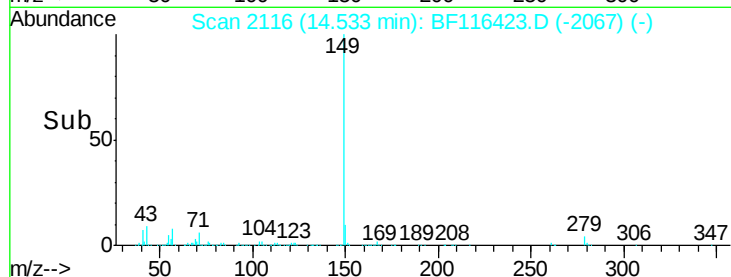
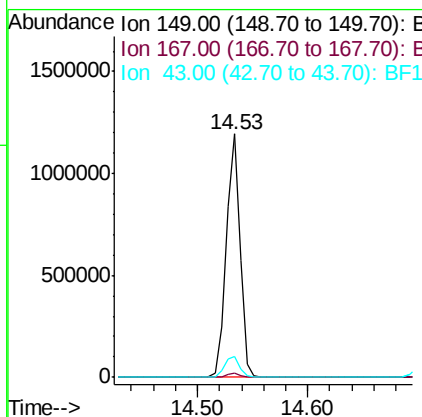
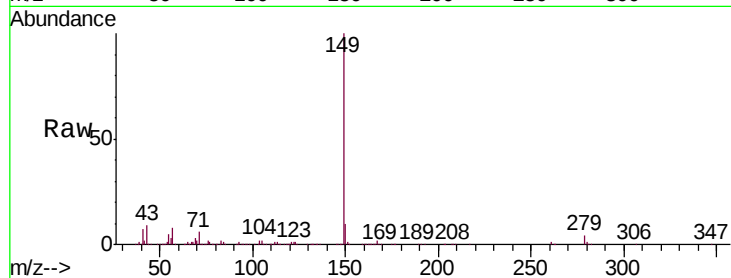
#85
Di-n-octyl phthalate
Concen: 48.437 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3

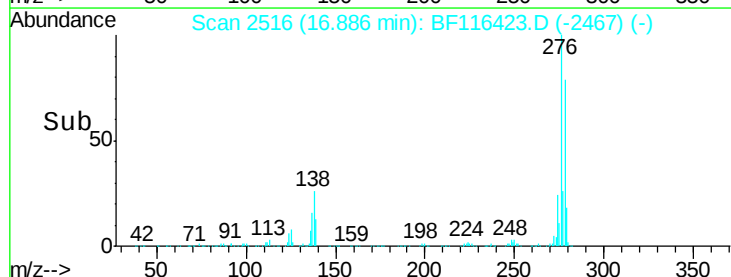
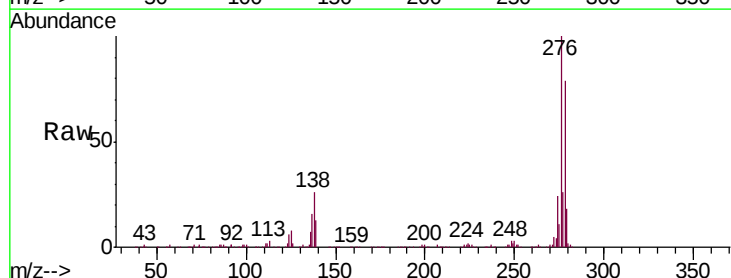
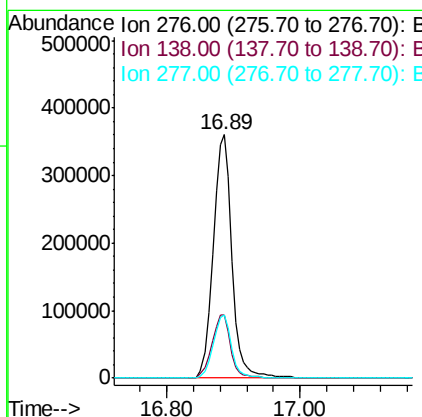
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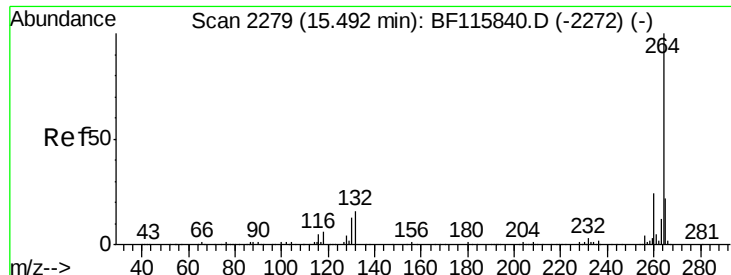
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.439 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.4	30.6
277	25.3	20.0	30.0





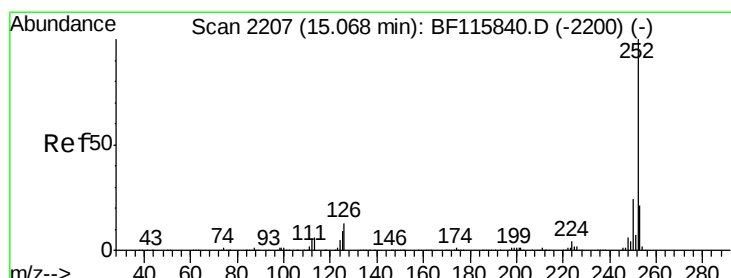
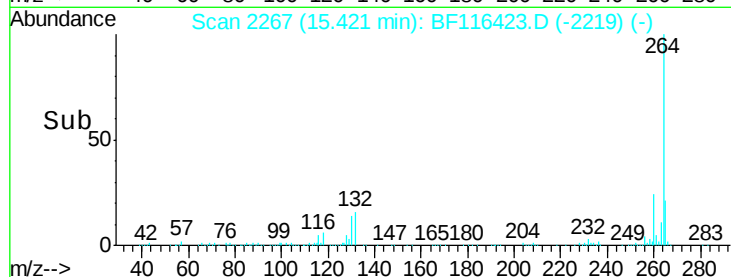
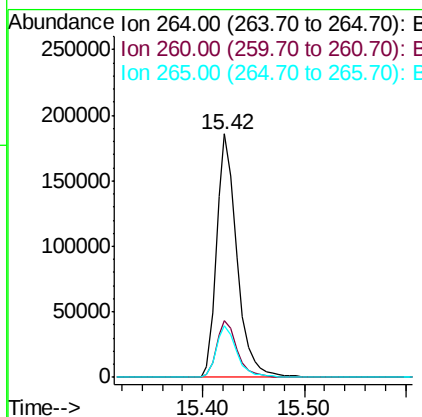
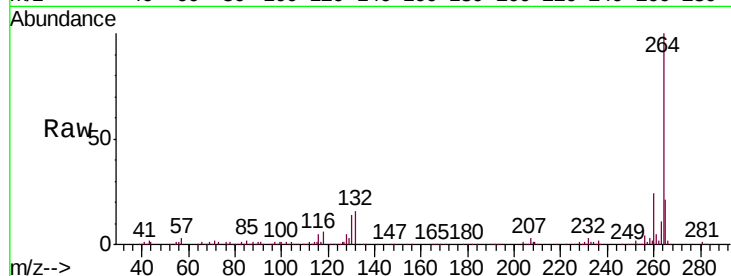
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleID :
PB122344BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	19.7	29.5	
265	21.2	17.4	26.0	

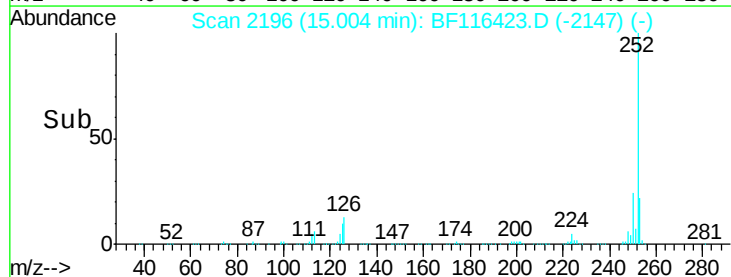
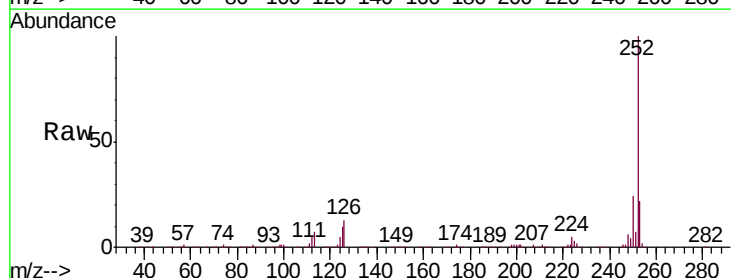
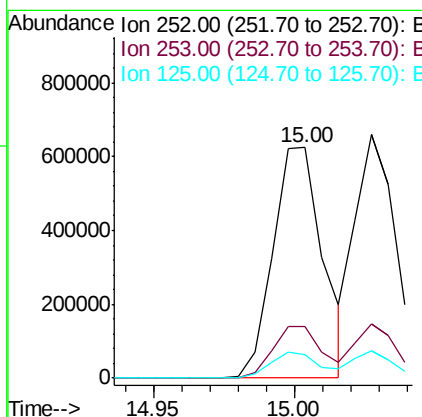
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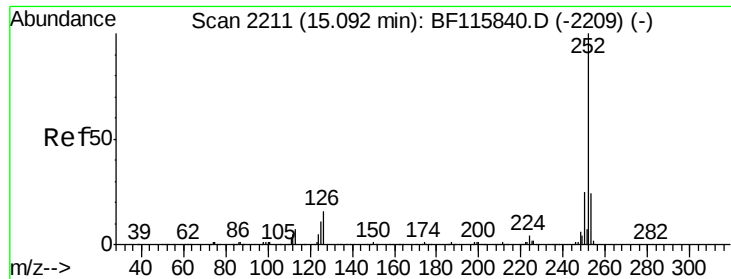
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#88
Benzo(b)fluoranthene
Concen: 51.398 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	17.8	26.8	
125	10.1	8.4	12.6	





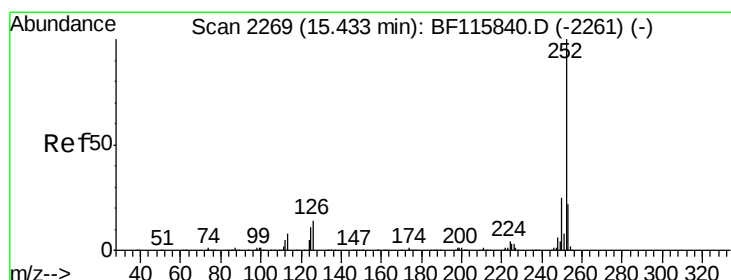
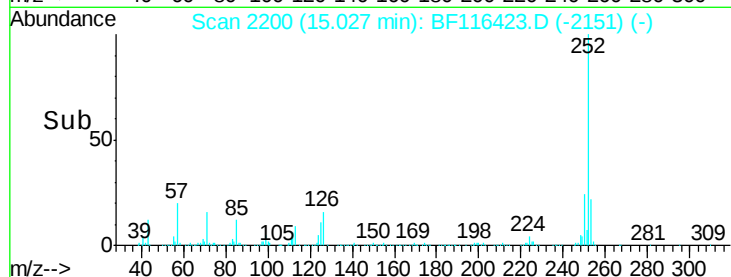
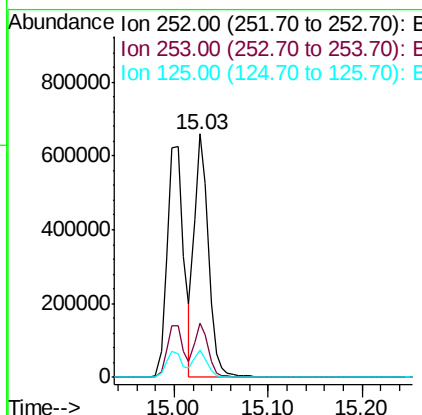
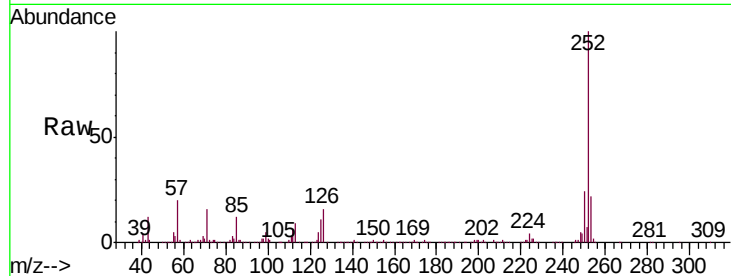
#89
Benzo(k)fluoranthene
Concen: 47.056 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Instrument :
BNA_F
ClientSampleId :
PB122344BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.5	7.7	11.5

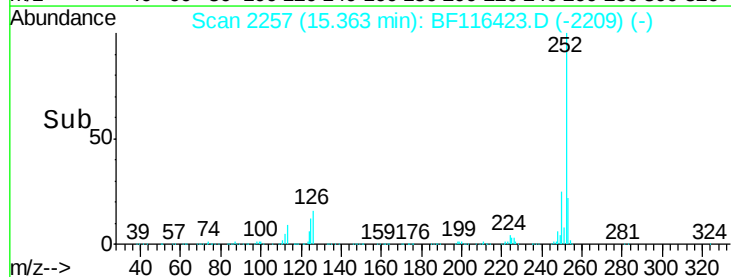
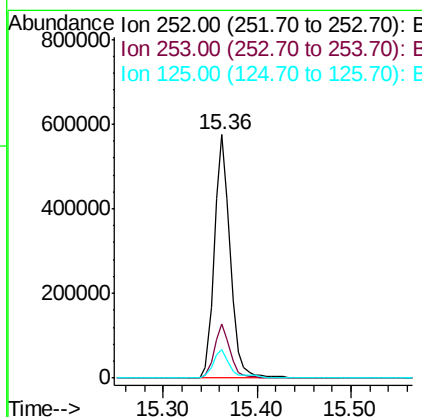
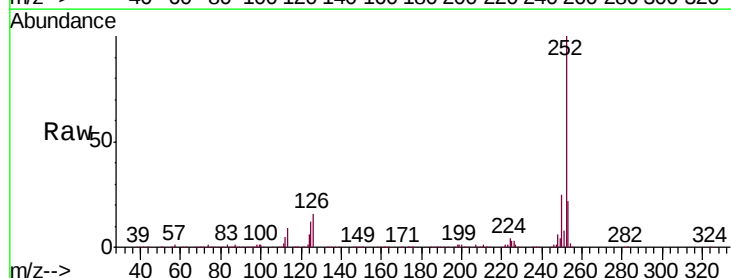
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#90
Benzo(a)pyrene
Concen: 51.346 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116423.D
Acq: 20 Aug 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.7	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 52.534 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Instrument :

BNA_F

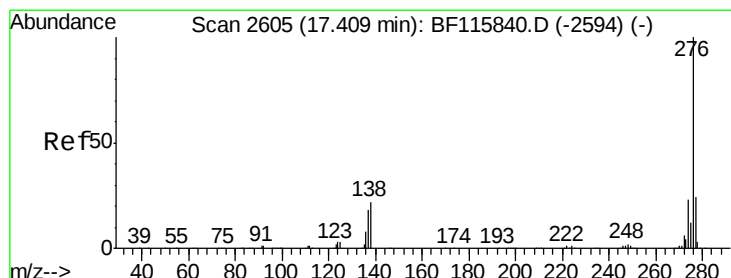
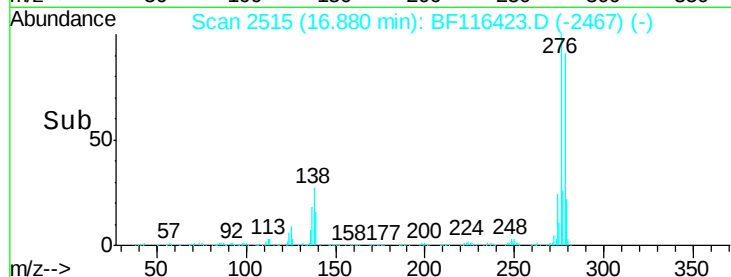
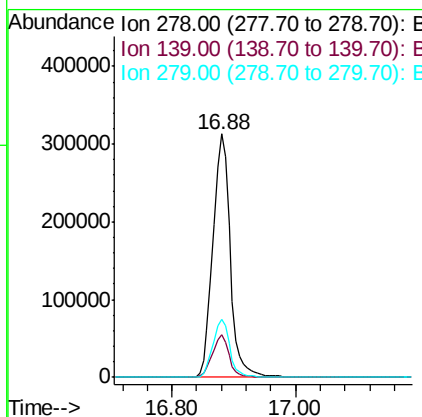
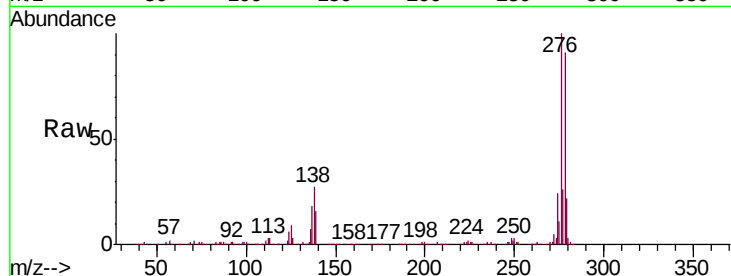
ClientSampleId :

PB122344BS

Tgt Ion:	278	Resp:	606220
Ion Ratio	Lower	Upper	
278	100		
139	17.4	12.8	19.2
279	24.0	18.8	28.2

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 52.980 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.02 min

Lab File: BF116423.D

Acq: 20 Aug 2019 9:56

Tgt Ion:	276	Resp:	600426
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.4	27.6
138	22.7	17.0	25.6

