

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116013.D
 Acq On : 6 Aug 2019 15:16
 Operator : HP/JU
 Sample : K4135-16MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Manual Integrations
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mohammad
 8/7/2019 4:41:57 PM

Quant Time: Aug 07 03:49:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140627	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	540793	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	284101	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	481736	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	288026	20.00	ng	-0.02
87) Perylene-d12	15.47	264	380535	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	993353	118.25	ng	0.00
7) Phenol-d6	6.49	99	1324264	124.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	850693	90.80	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	346169	125.68	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1389068	91.58	ng	-0.02
79) Terphenyl-d14	12.94	244	1361169	99.58	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.64	88	132504	31.223	ng	98
3) Pyridine	3.41	79	356914	30.107	ng	98
4) n-Nitrosodimethylamine	3.34	42	168566	36.032	ng	100
6) Aniline	6.51	93	457839	30.164	ng	97
8) 2-Chlorophenol	6.63	128	377813	40.673	ng	98
9) Benzaldehyde	6.39	77	209264	28.616	ng	97
10) Phenol	6.50	94	492408	39.453	ng	92
11) bis(2-Chloroethyl)ether	6.58	93	369864	40.308	ng	99
12) 1,3-Dichlorobenzene	6.79	146	403612	37.596	ng	99
13) 1,4-Dichlorobenzene	6.86	146	411994	38.329	ng	98
14) 1,2-Dichlorobenzene	7.02	146	381402	38.535	ng	99
15) Benzyl Alcohol	6.99	79	330669	41.112	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	494049	39.473	ng	92
17) 2-Methylphenol	7.10	107	320590	40.759	ng	99
18) Hexachloroethane	7.36	117	150585	38.050	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	263785	40.164	ng	98
20) 3+4-Methylphenols	7.25	107	385416	41.408	ng	# 81
22) Acetophenone	7.25	105	514867	43.411	ng	98
24) Nitrobenzene	7.43	77	425279	42.040	ng	97
25) Isophorone	7.66	82	770379	43.003	ng	99
26) 2-Nitrophenol	7.75	139	210490	44.142	ng	95
27) 2,4-Dimethylphenol	7.78	122	345493	48.158	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	473898	42.679	ng	99
29) 2,4-Dichlorophenol	7.99	162	332839	43.939	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	354775	41.087	ng	98
31) Naphthalene	8.15	128	1089045	42.794	ng	99
32) Benzoic acid	7.89	122	67945	13.433	ng	99
33) 4-Chloroaniline	8.19	127	330626	29.077	ng	99
34) Hexachlorobutadiene	8.26	225	200493	40.312	ng	98
35) Caprolactam	8.56	113	96920m	39.560	ng	
36) 4-Chloro-3-methylphenol	8.68	107	350999	44.541	ng	95
37) 2-Methylnaphthalene	8.84	142	738793	44.080	ng	99
38) 1-Methylnaphthalene	8.94	142	695665	43.875	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	335378	44.157	ng	99

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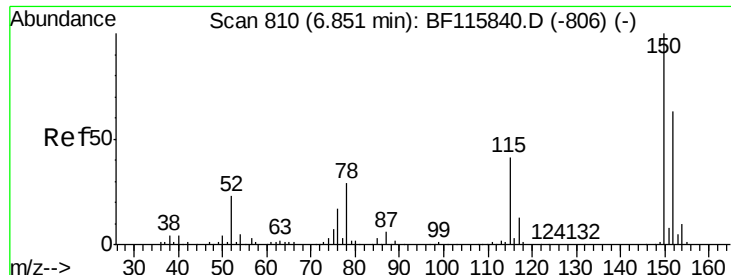
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	177497	54.125	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	217412	41.587	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	233634	43.233	nq	97
46) 1,1'-Biphenyl	9.30	154	898694	44.806	nq	99
47) 2-Chloronaphthalene	9.33	162	702193	42.063	nq	99
48) 2-Nitroaniline	9.42	65	227235	41.181	nq	91
49) Acenaphthylene	9.74	152	1073810	44.091	nq	100
50) Dimethylphthalate	9.60	163	970138	50.152	nq	100
51) 2,6-Dinitrotoluene	9.66	165	185865	44.214	nq #	87
52) Acenaphthene	9.92	154	685563	45.884	nq	99
53) 3-Nitroaniline	9.83	138	165472	31.856	nq	91
54) 2,4-Dinitrophenol	9.95	184	68866	36.876	nq	96
55) Dibenzofuran	10.09	168	982835	45.233	nq	98
56) 4-Nitrophenol	10.01	139	281094	84.476	nq	94
57) 2,4-Dinitrotoluene	10.07	165	240487	42.967	nq	95
58) Fluorene	10.43	166	782811	46.827	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	190683	41.941	nq	99
60) Diethylphthalate	10.30	149	819930	45.400	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	372610	44.010	nq	100
62) 4-Nitroaniline	10.45	138	208226	38.790	nq	97
63) Azobenzene	10.58	77	824717	44.397	nq	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	81561	31.949	nq	96
66) n-Nitrosodiphenylamine	10.54	169	670205	46.222	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	229666	44.535	nq	99
68) Hexachlorobenzene	10.98	284	249482	41.837	nq	99
69) Atrazine	11.06	200	214759	45.021	nq	97
70) Pentachlorophenol	11.18	266	190222	65.704	nq	99
71) Phenanthrene	11.39	178	1692368	68.719	nq	99
72) Anthracene	11.44	178	1253538	50.294	nq	99
73) Carbazole	11.60	167	996501	44.069	nq	99
74) Di-n-butylphthalate	11.92	149	1215108	46.065	nq	100
75) Fluoranthene	12.59	202	1859324	72.116	nq	98
77) Benzidine	12.70	184	544022	55.908	nq	97
78) Pyrene	12.82	202	1727522	79.566	nq	98
80) Butylbenzylphthalate	13.42	149	463893	50.510	nq	96
81) Benzo(a)anthracene	14.00	228	1209529	65.701	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	240932	37.670	nq	99
83) Chrysene	14.03	228	1105411	61.849	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	633163	53.052	nq	99
85) Di-n-octyl phthalate	14.59	149	1034389	54.566	nq	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1321931	88.062	nq	99
88) Benzo(b)fluoranthene	15.05	252	1334210	60.638	nq #	96
89) Benzo(k)fluoranthene	15.07	252	950720	44.362	nq	99
90) Benzo(a)pyrene	15.42	252	1179015	59.943	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	946322	55.582	nq	98
92) Benzo(g,h,i)perylene	17.39	276	1126241	67.356	nq	99

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



#1

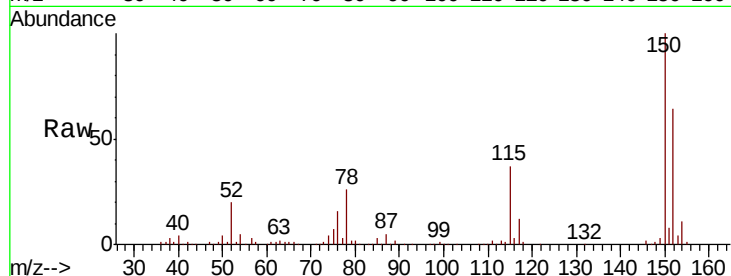
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.0
115	58.7	51.8	77.8

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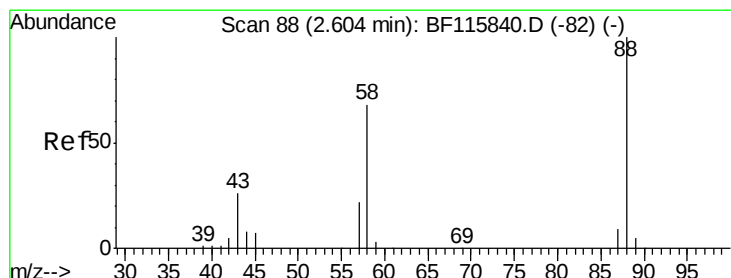
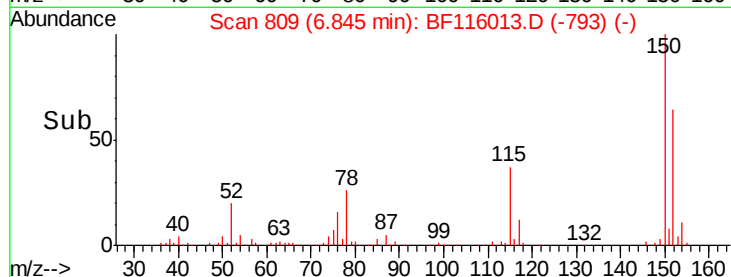
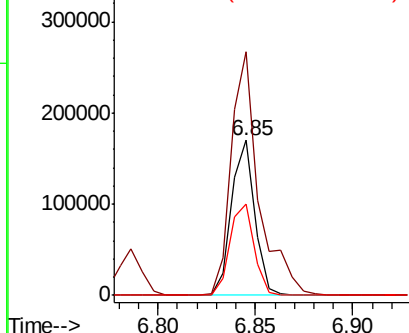


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

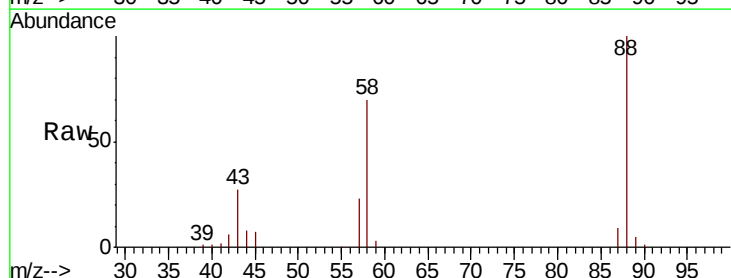
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.223 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.04 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	54.1	81.1
43	26.8	20.7	31.1

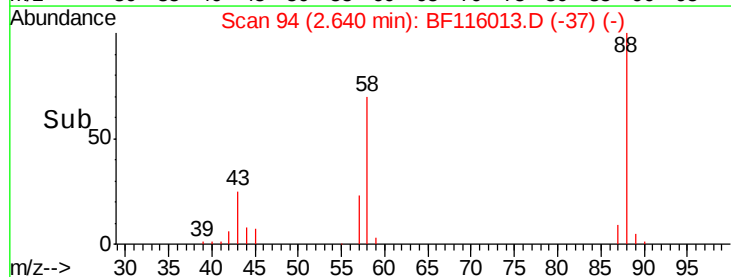
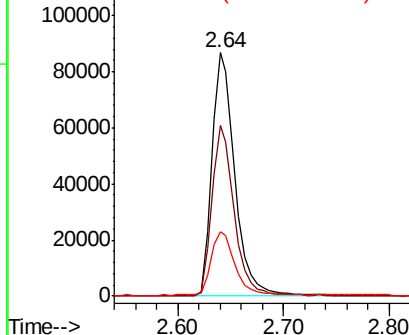


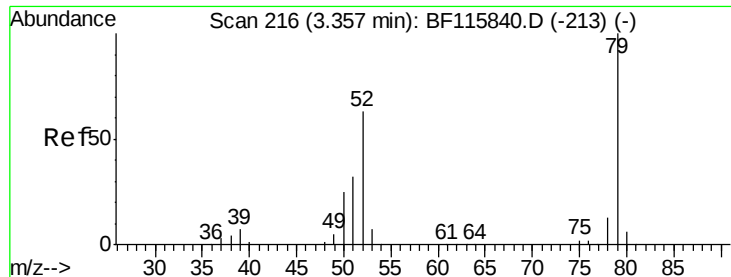
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.107 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

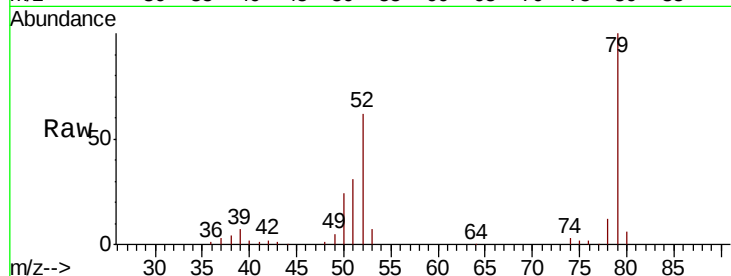
ClientSampleId :

1S-B1-B4-COMP-(30)MS

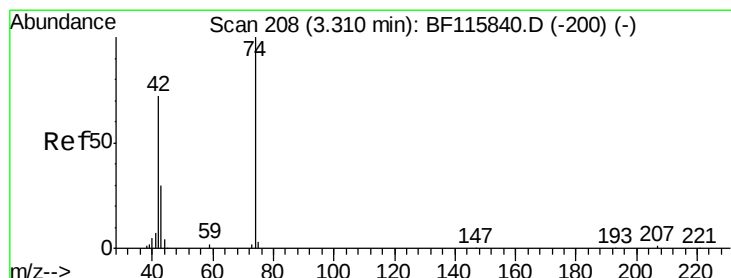
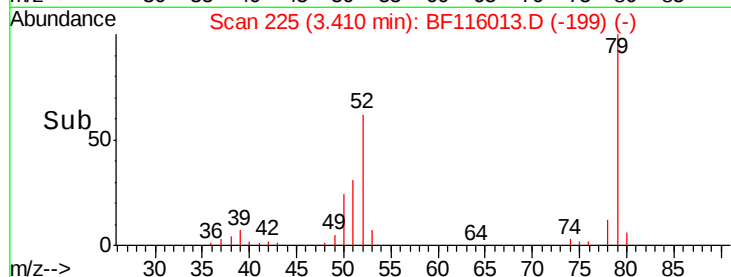
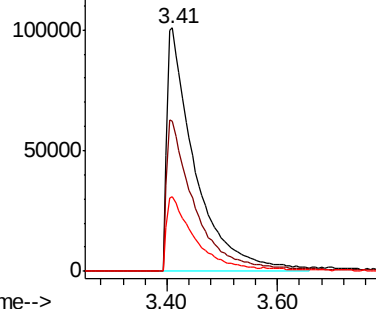
Tot Ion:	79	Resp:	356914
Ion	Ratio	Lower	Upper
79	100		
52	61.6	50.2	75.4
51	30.7	25.8	38.6

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.032 ng

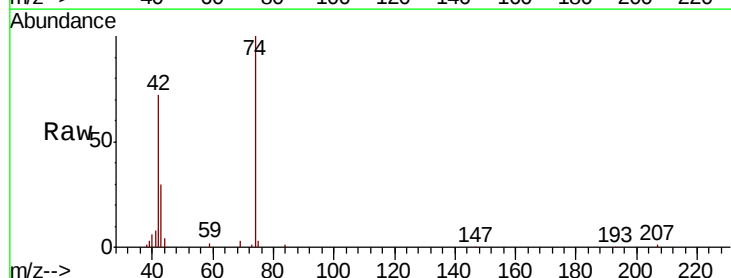
RT: 3.34 min Scan# 213

Delta R.T. 0.03 min

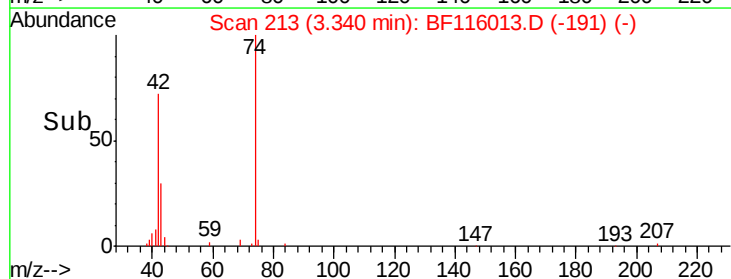
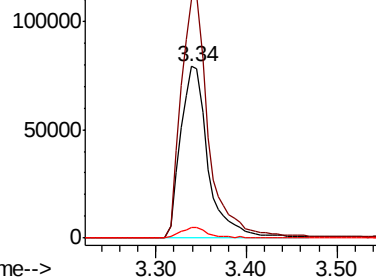
Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Tgt Ion:	42	Resp:	168566
Ion	Ratio	Lower	Upper
42	100		
74	138.6	111.0	166.4
44	6.1	4.7	7.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





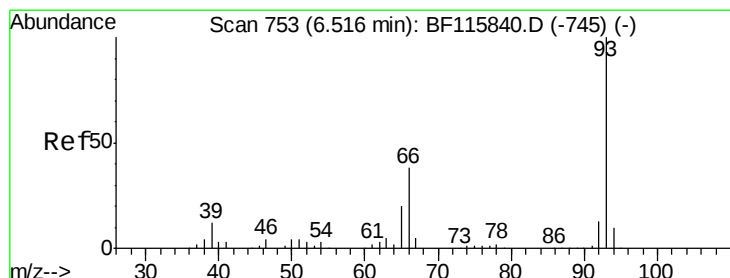
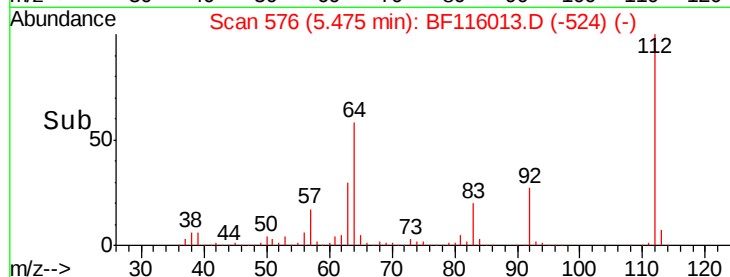
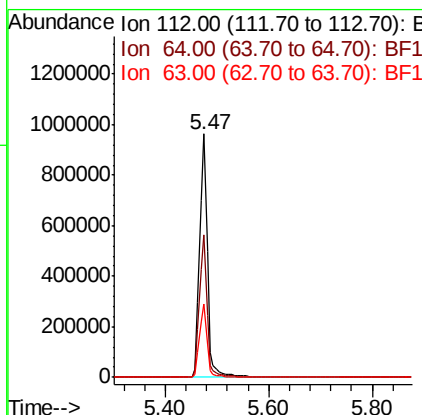
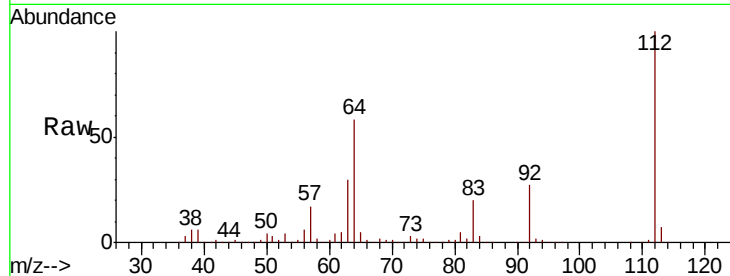
#5
 2-Fluorophenol
 Concen: 118.251 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	993353		
64	58.3	46.8	70.2	
63	30.3	24.2	36.2	

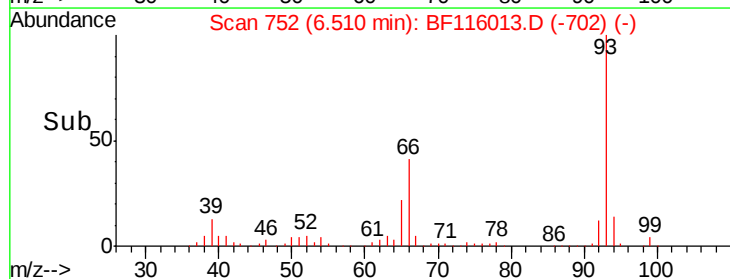
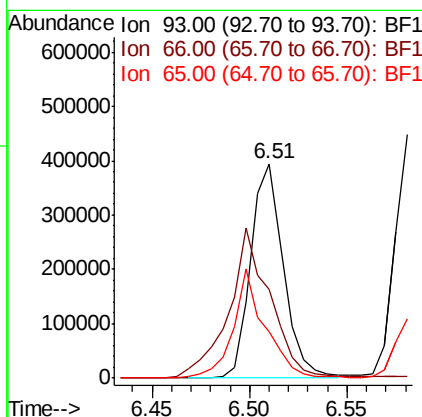
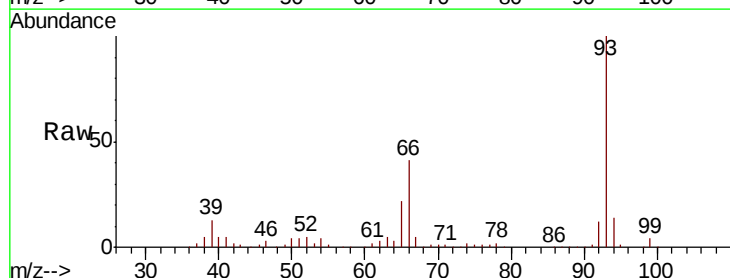
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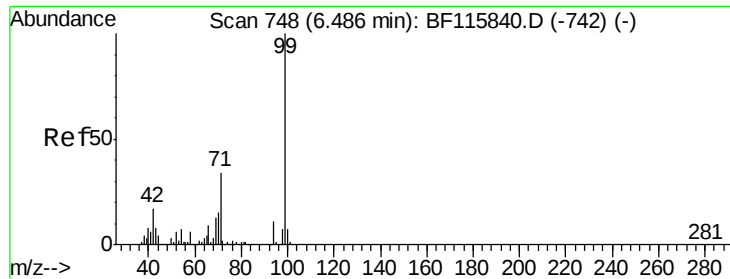
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#6
 Aniline
 Concen: 30.164 ng
 RT: 6.51 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457839		
66	41.4	31.4	47.0	
65	21.7	16.5	24.7	





#7

Phenol-d6

Concen: 124.948 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion: 99 Resp: 1324264

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

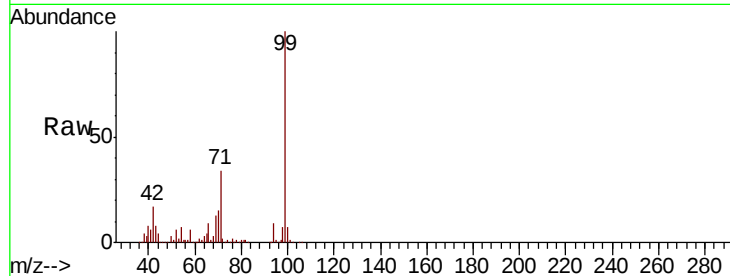
71 34.4 27.1 40.7

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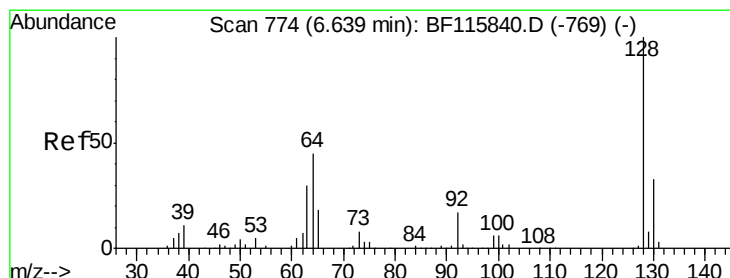
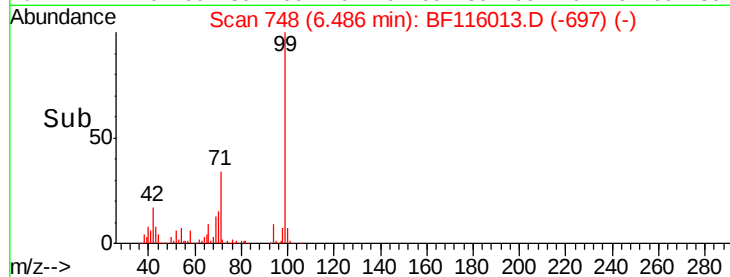
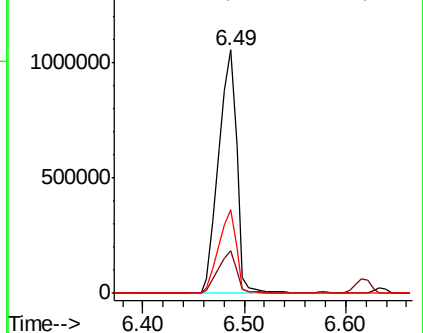
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.673 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

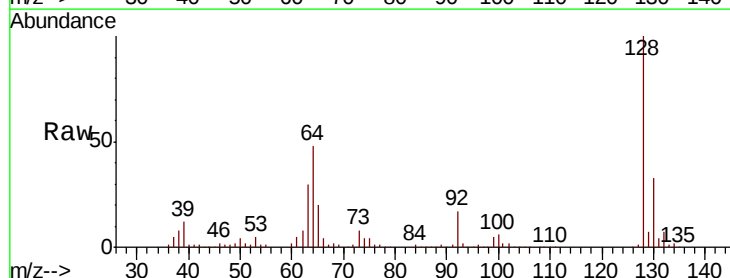
Tgt Ion: 128 Resp: 377813

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

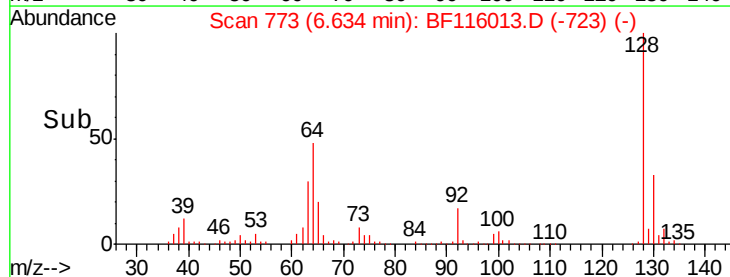
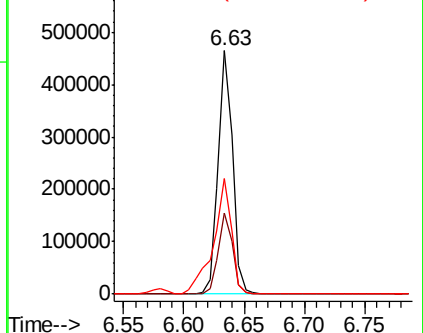
64 47.7 26.1 66.1

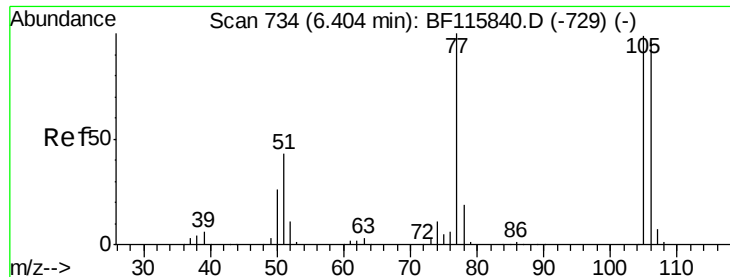


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.616 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

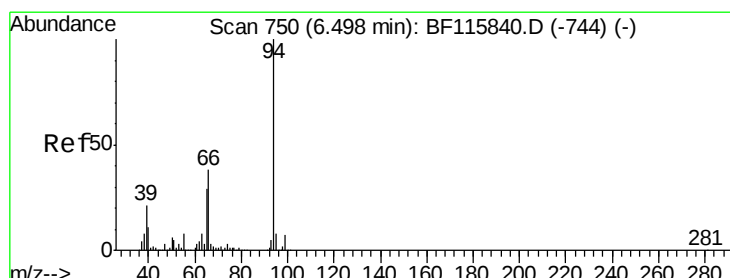
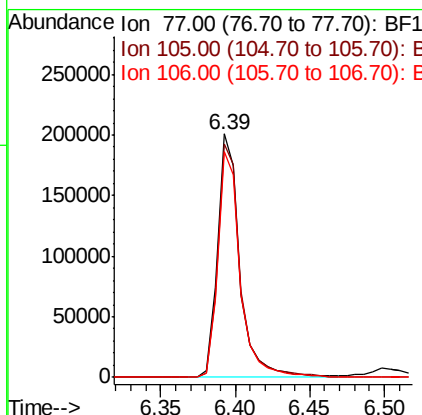
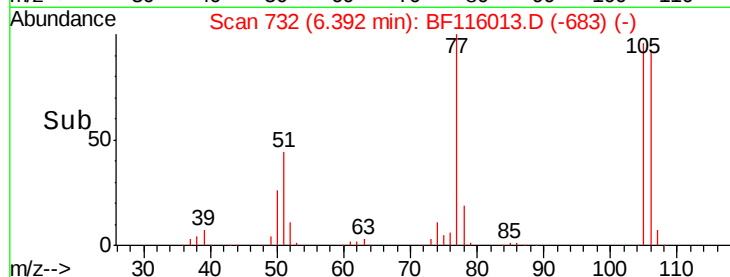
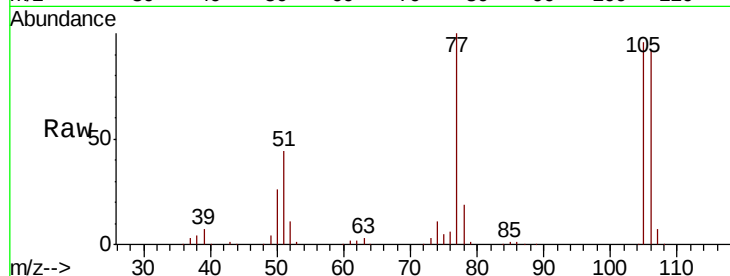
ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion:	77	Resp:	209264
Ion	Ratio	Lower	Upper
77	100		
105	96.0	79.0	119.0
106	92.5	76.2	116.2

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#10

Phenol

Concen: 39.453 ng

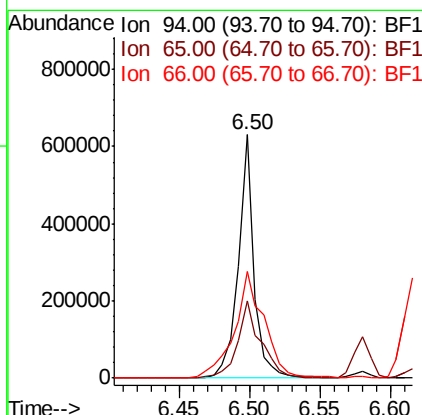
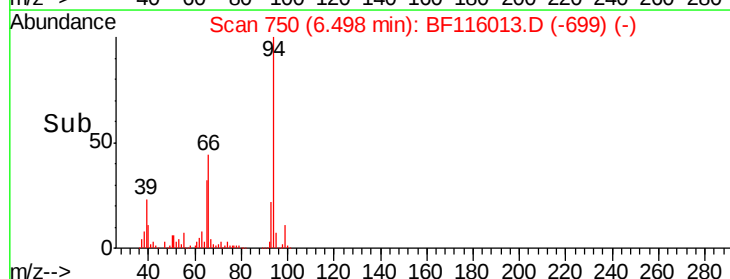
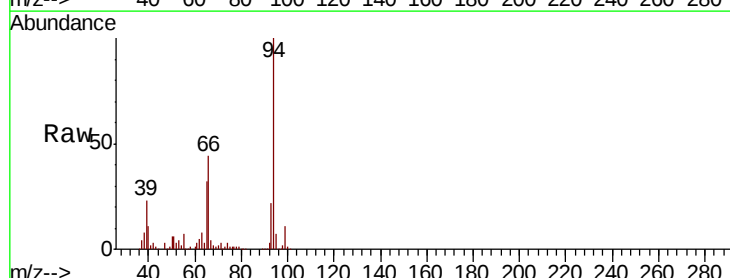
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Tgt Ion:	94	Resp:	492408
Ion	Ratio	Lower	Upper
94	100		
65	32.0	8.9	48.9
66	43.8	18.0	58.0





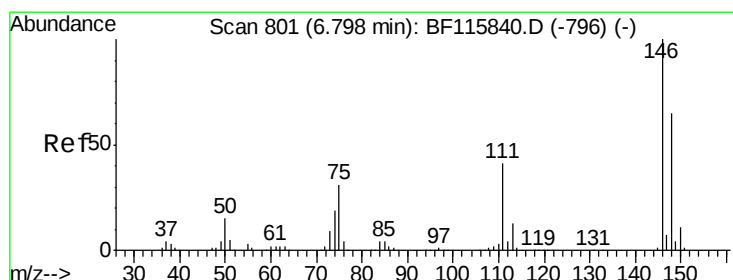
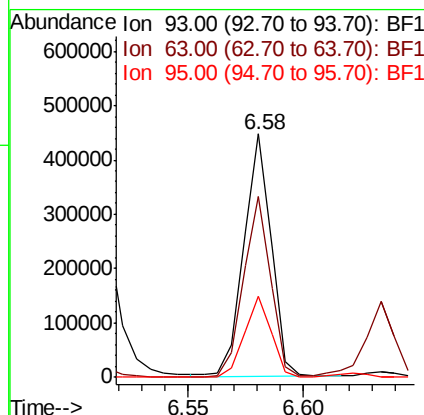
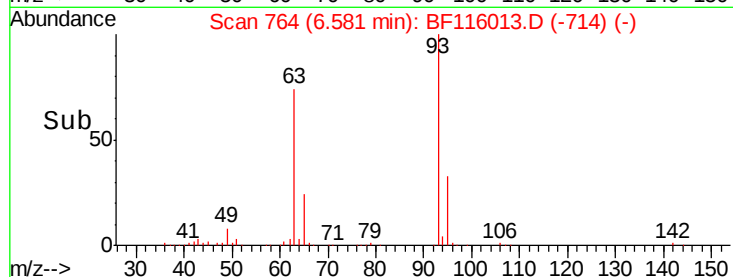
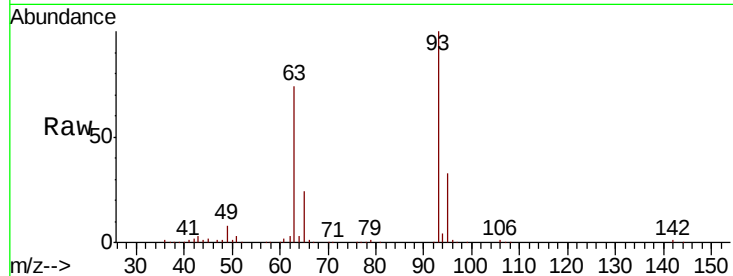
#11
bis(2-Chloroethyl)ether
Concen: 40.308 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion:	93	Resp:	369864
Ion Ratio	Lower	Upper	
93	100		
63	74.1	54.9	94.9
95	33.2	13.3	53.3

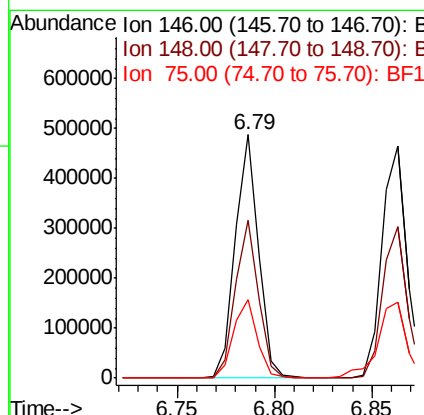
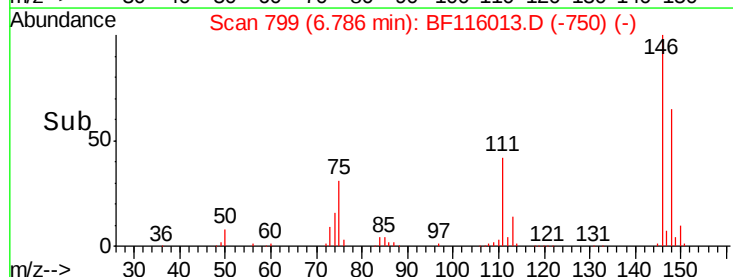
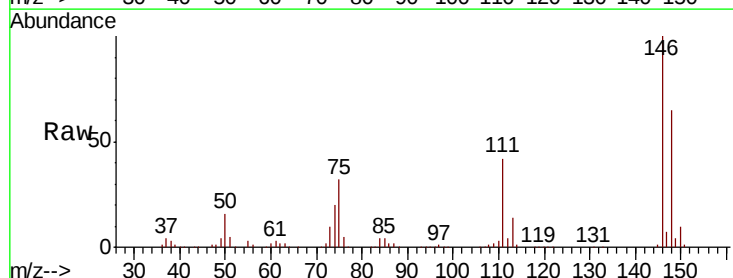
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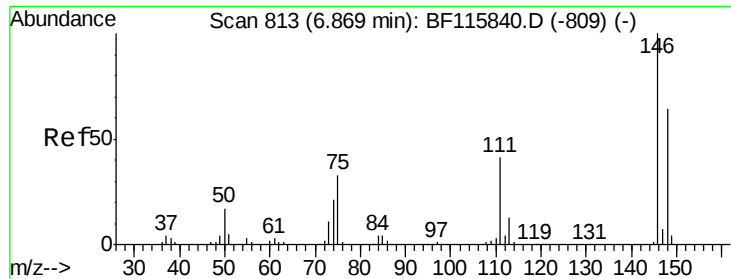
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#12
1,3-Dichlorobenzene
Concen: 37.596 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion:	146	Resp:	403612
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.1	78.1
75	32.4	25.0	37.6





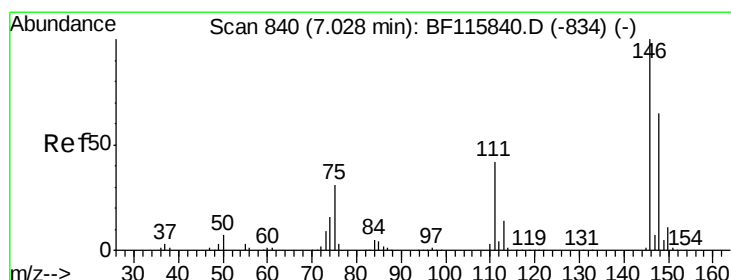
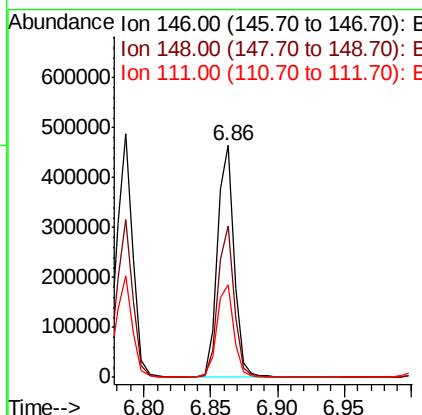
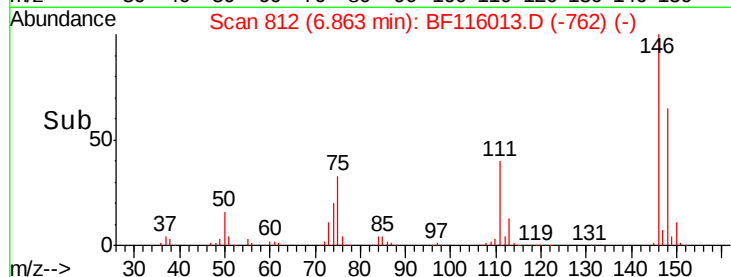
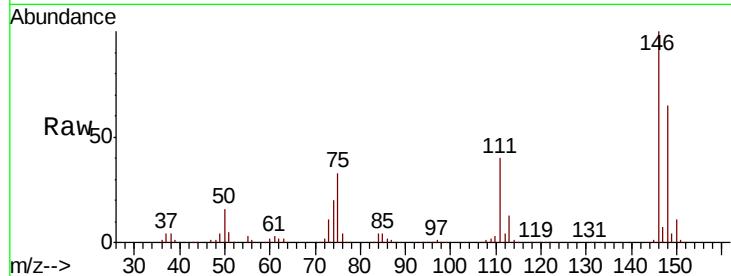
#13
1,4-Dichlorobenzene
Concen: 38.329 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.2	76.8
111	40.1	33.2	49.8

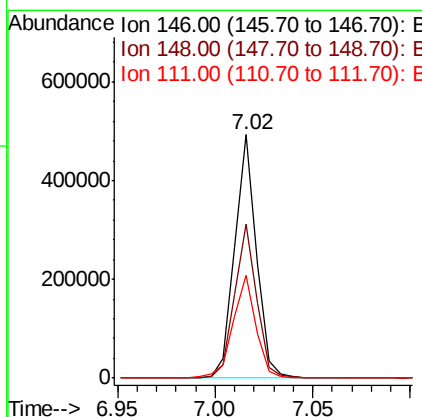
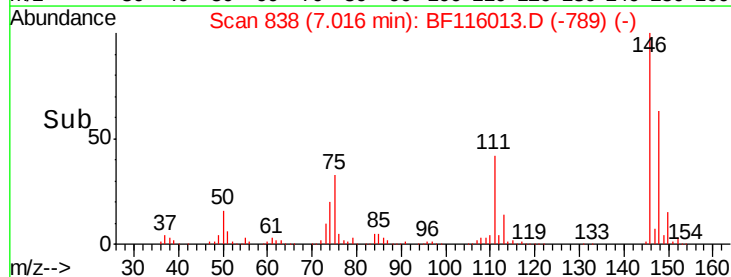
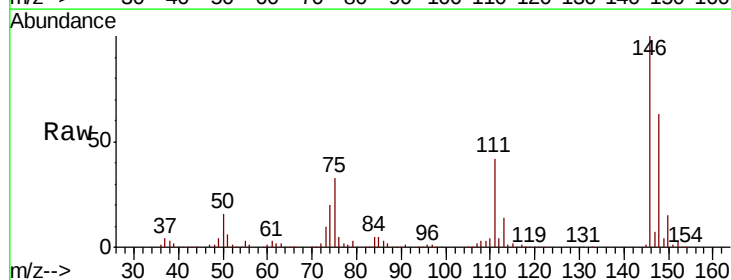
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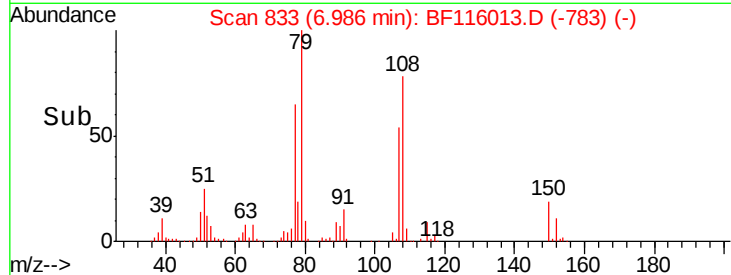
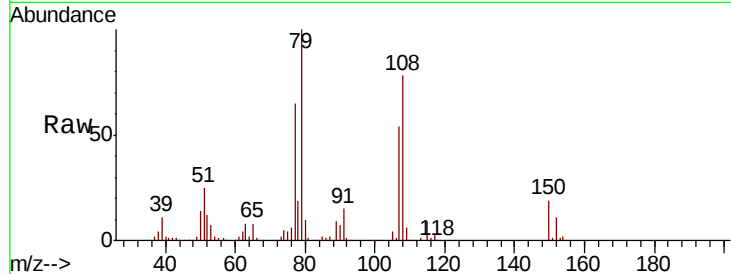
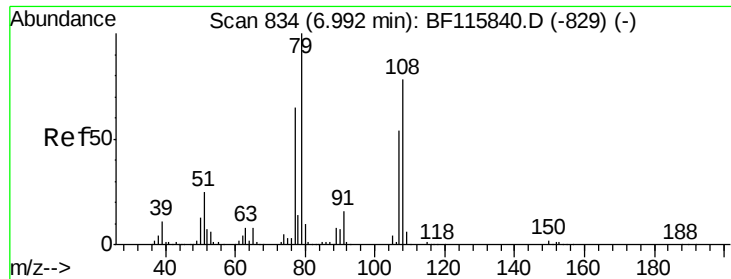
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#14
1,2-Dichlorobenzene
Concen: 38.535 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
111	42.5	33.6	50.4





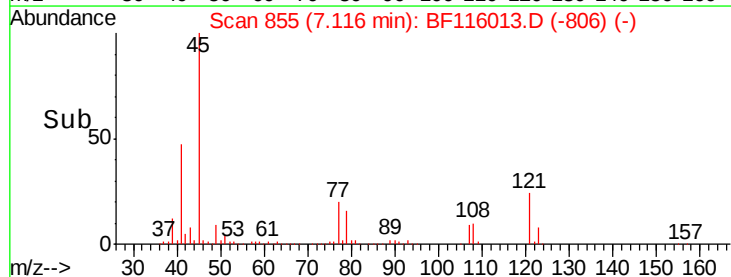
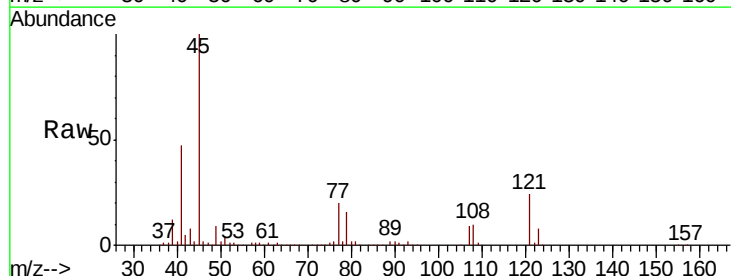
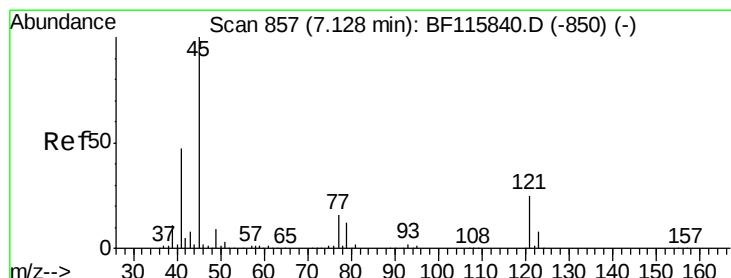
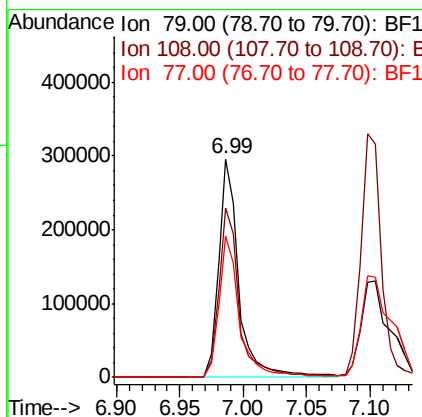
#15
Benzyl Alcohol
Concen: 41.112 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.9	62.8	94.2	
77	64.8	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

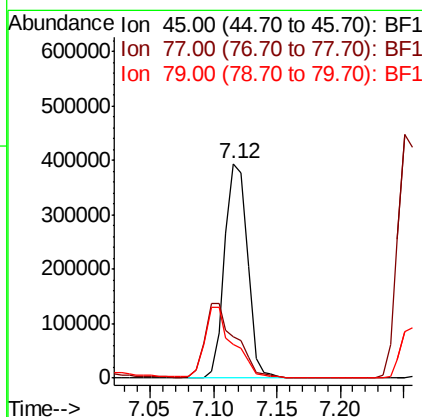
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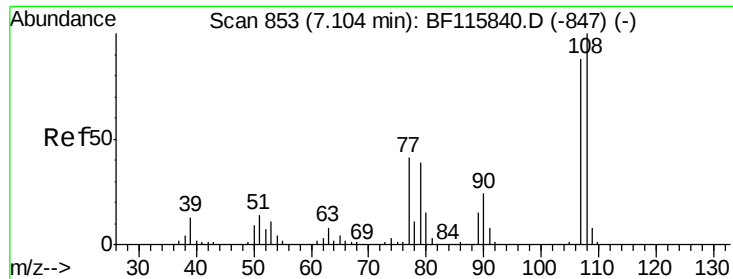
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.473 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.5	0.0	36.3	
79	15.8	0.0	32.5	





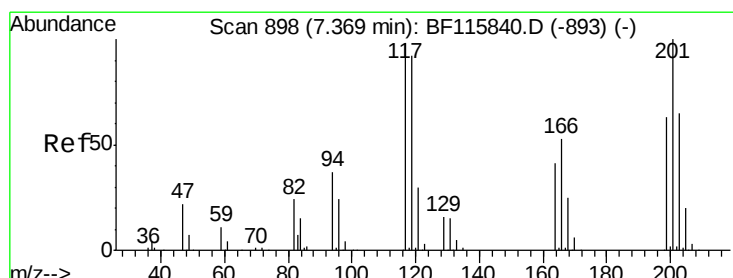
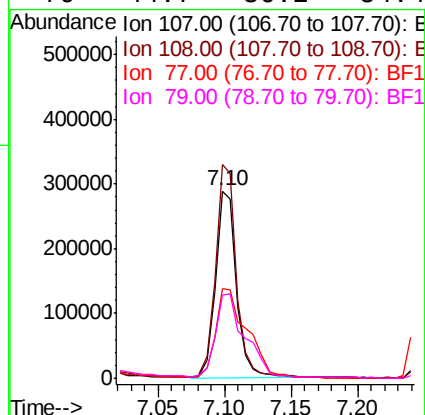
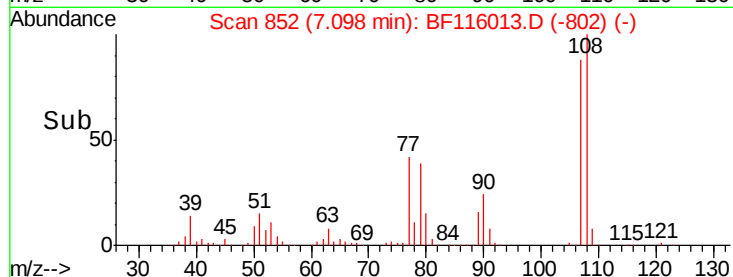
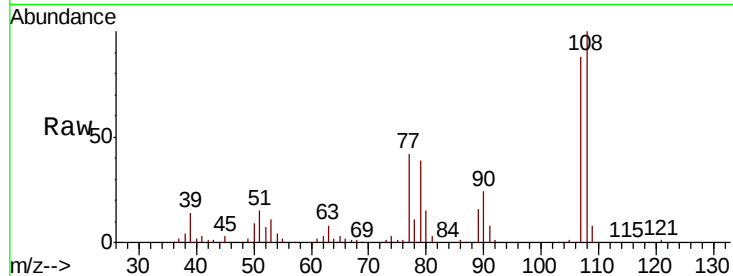
#17
2-Methylphenol
Concen: 40.759 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	91.4	137.0	
77	47.6	37.6	56.4	
79	44.7	36.2	54.4	

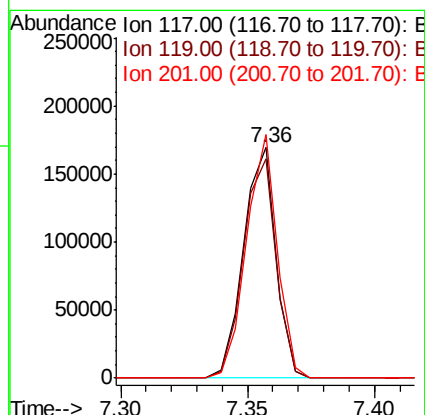
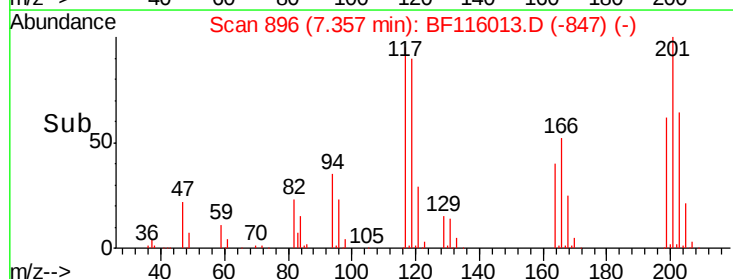
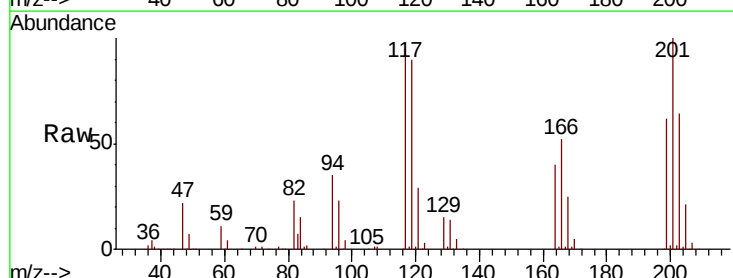
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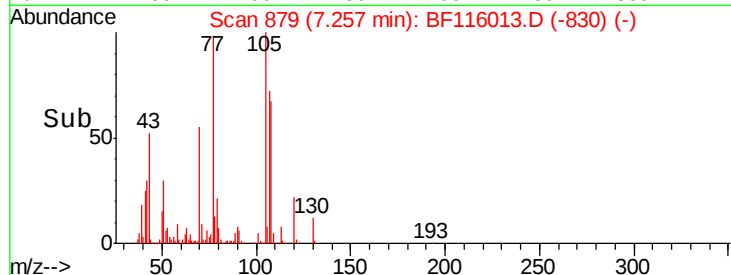
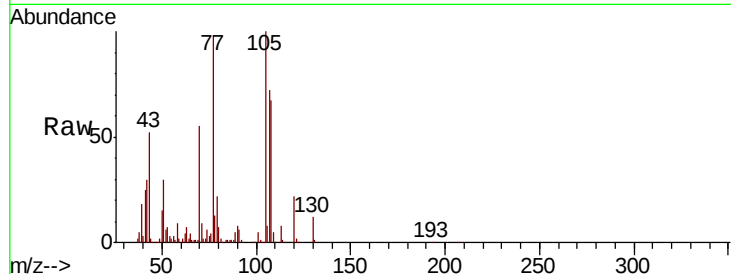
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#18
Hexachloroethane
Concen: 38.050 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	75.8	113.6	
201	105.7	82.0	123.0	





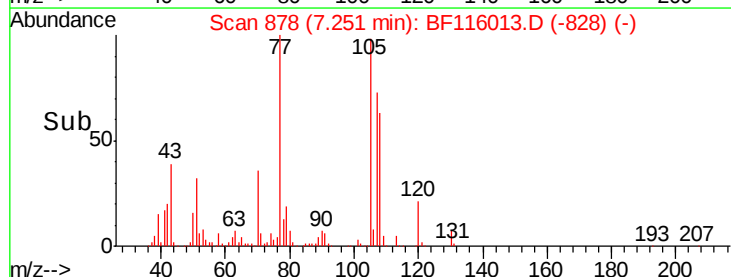
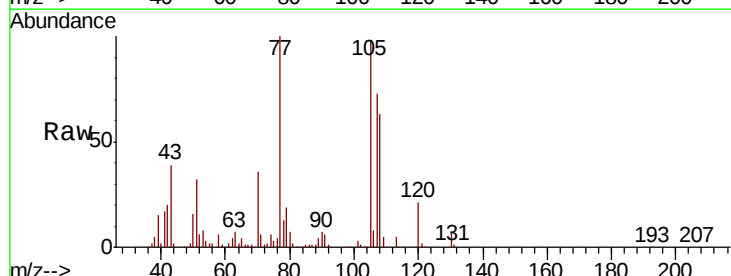
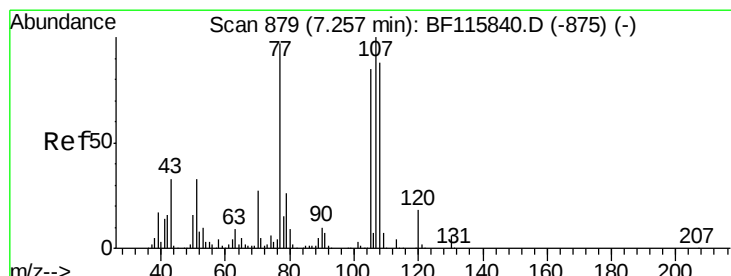
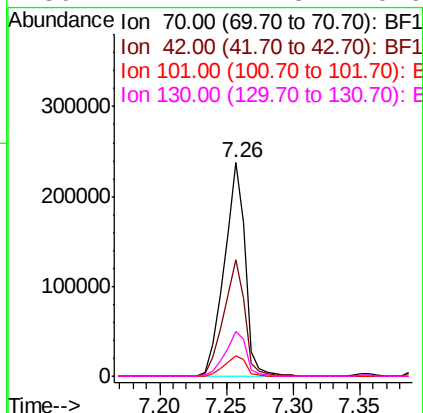
#19
n-Nitroso-di-n-propylamine
Concen: 40.164 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		263785		
42	54.3	41.8	62.8		
101	9.7	7.7	11.5		
130	21.2	17.8	26.6		

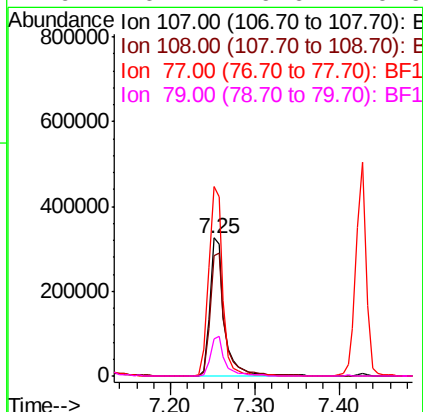
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#20
3+4-Methylphenols
Concen: 41.408 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		385416		
108	87.1	67.9	107.9		
77	137.3	77.3	117.3#		
79	26.4	6.6	46.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

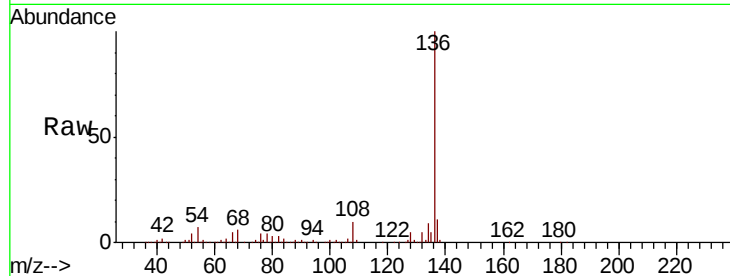
ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		540793		
137	10.6		9.1	13.7	
54	6.5		6.1	9.1	
68	5.5		5.4	8.2	

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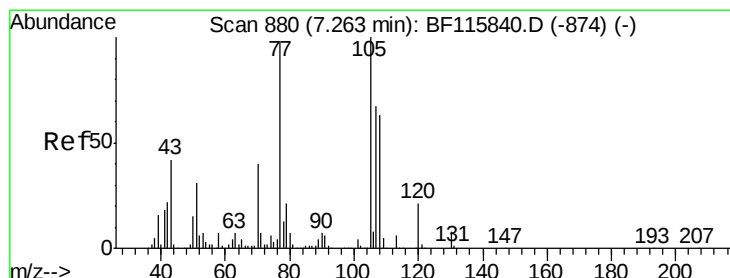
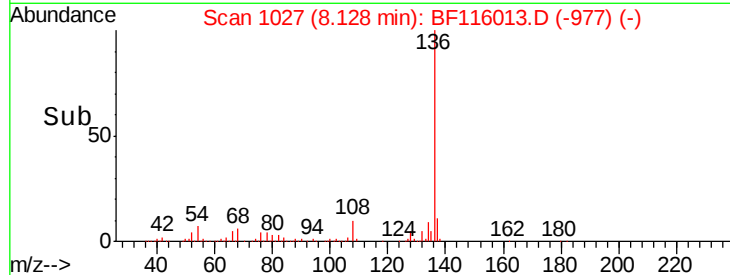
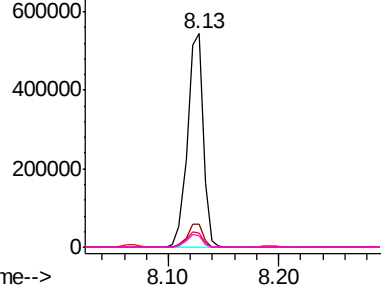
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.411 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		514867		
71	6.1		5.4	8.0	
51	32.6		24.6	36.8	
120	21.9		17.0	25.6	

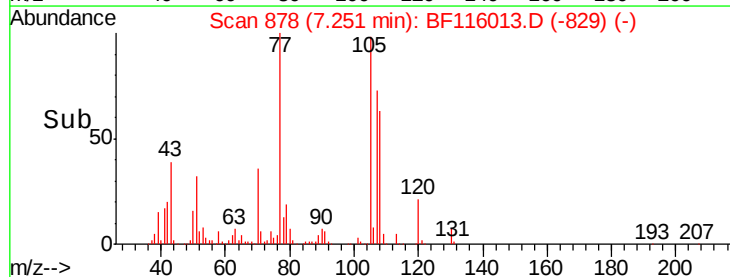
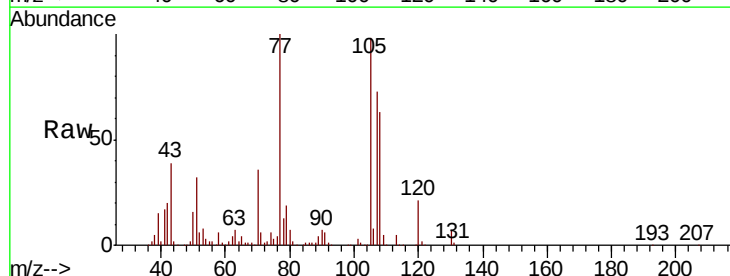
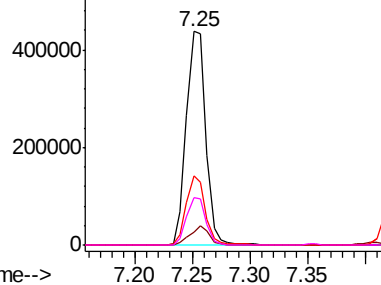
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





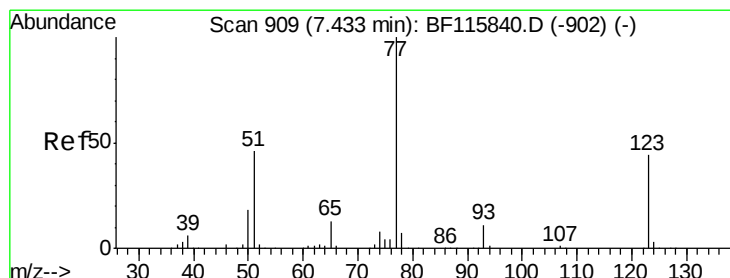
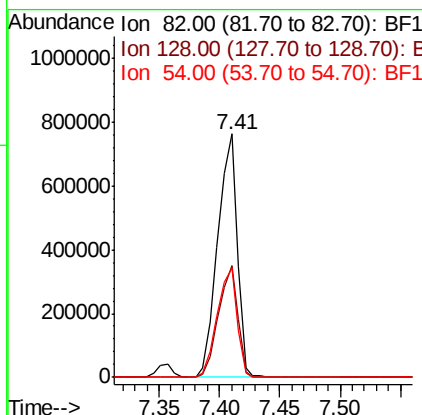
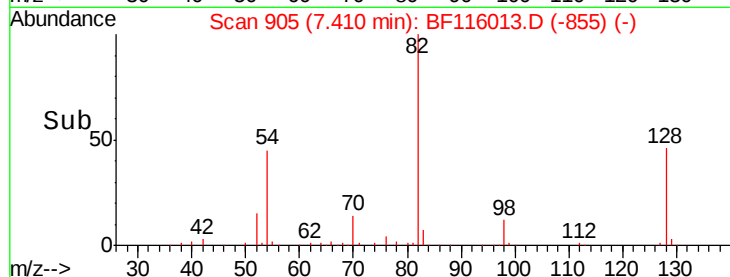
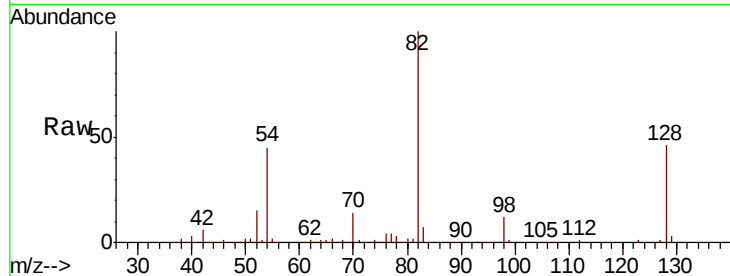
#23
Nitrobenzene-d5
Concen: 90.801 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.6	55.0
54	45.1	36.6	55.0

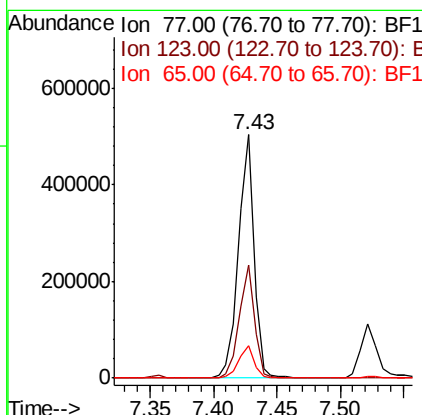
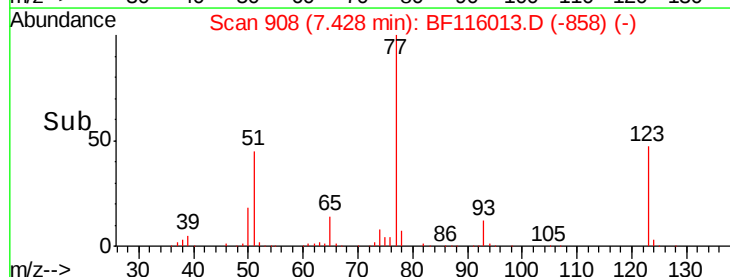
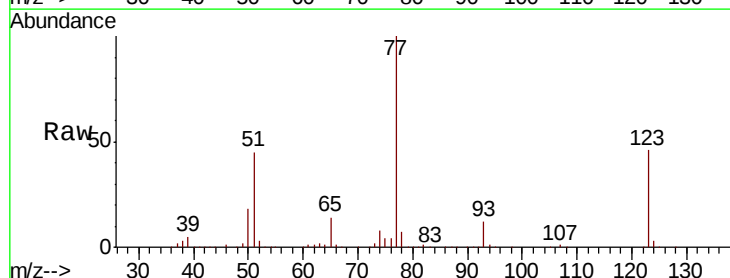
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#24
Nitrobenzene
Concen: 42.040 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.5	53.3
65	13.5	10.6	15.8





#25

Isophorone

Concen: 43.003 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

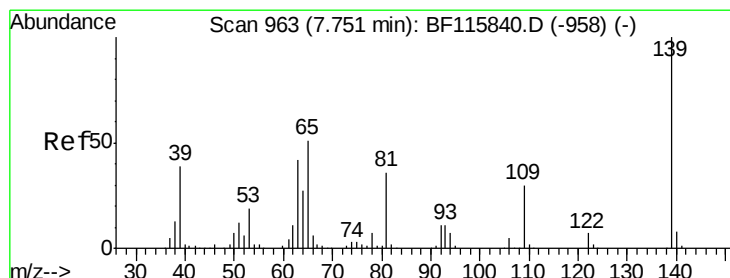
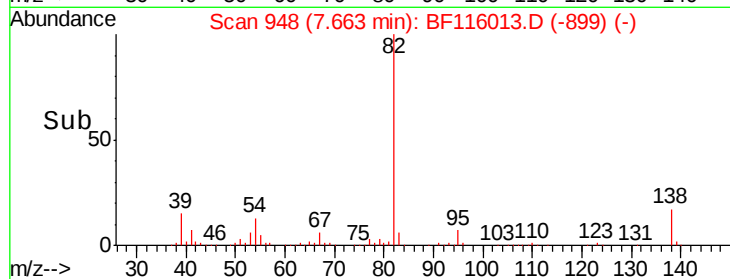
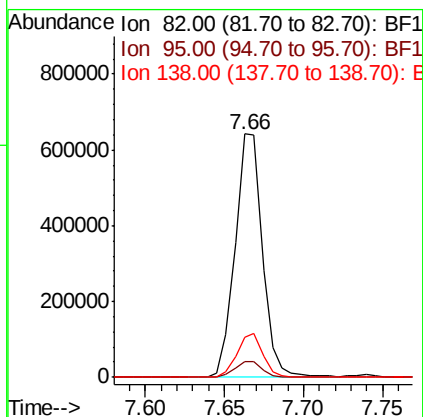
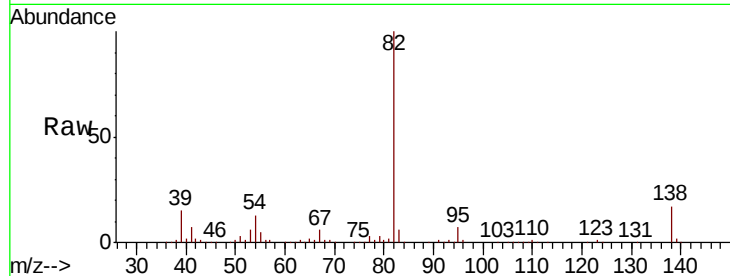
ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion:	82	Resp:	770379
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.5	8.3
138	16.7	13.9	20.9

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#26

2-Nitrophenol

Concen: 44.142 ng

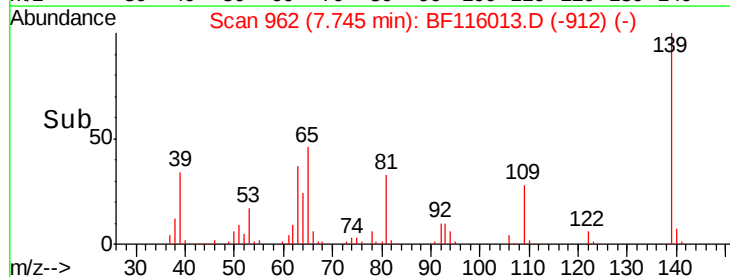
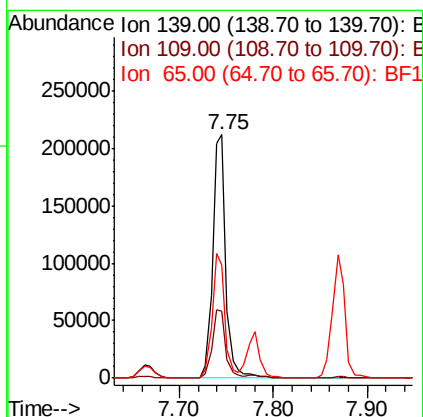
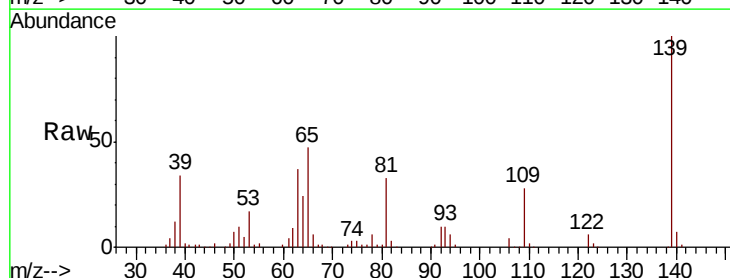
RT: 7.75 min Scan# 962

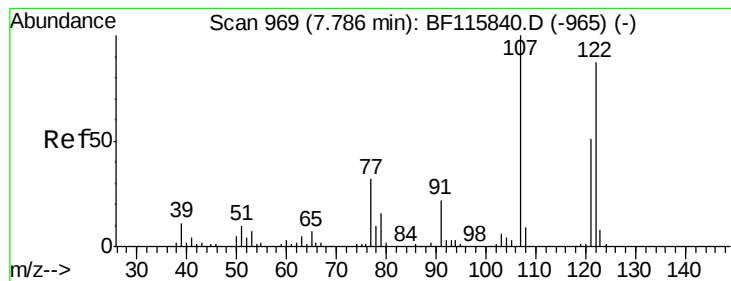
Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Tgt Ion:	139	Resp:	210490
Ion	Ratio	Lower	Upper
139	100		
109	27.6	23.6	35.4
65	46.7	40.6	60.8





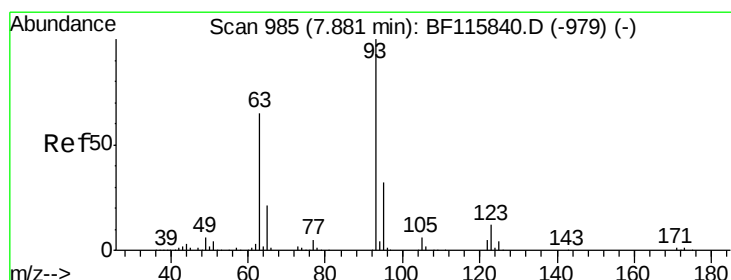
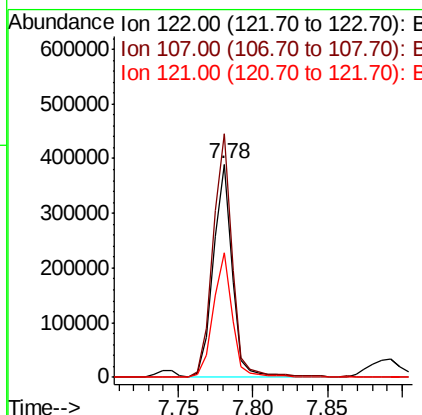
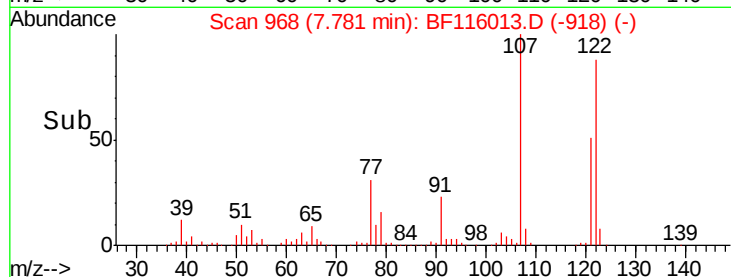
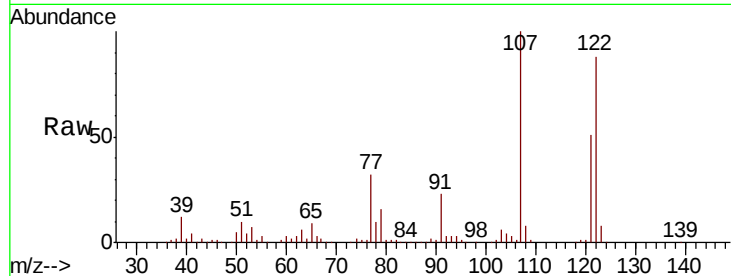
#27
2,4-Dimethylphenol
Concen: 48.158 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.7	137.5
121	58.2	46.6	70.0

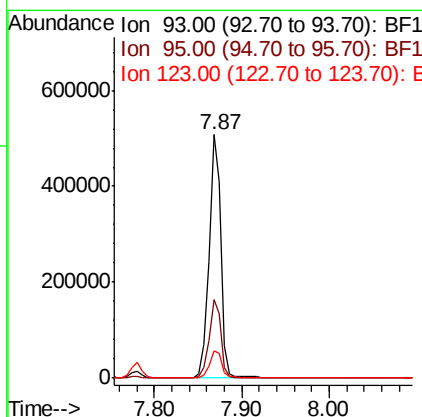
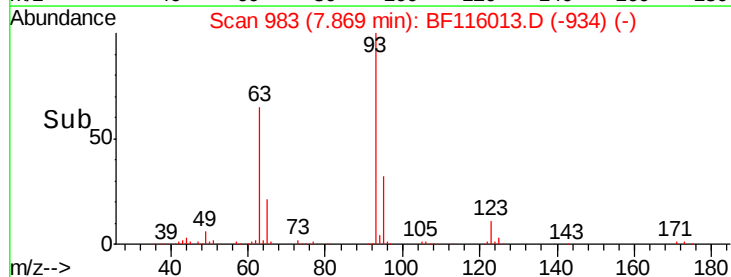
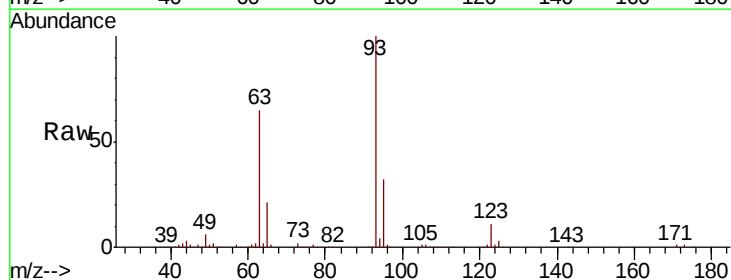
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#28
bis(2-Chloroethoxy)methane
Concen: 42.679 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.1	9.5	14.3





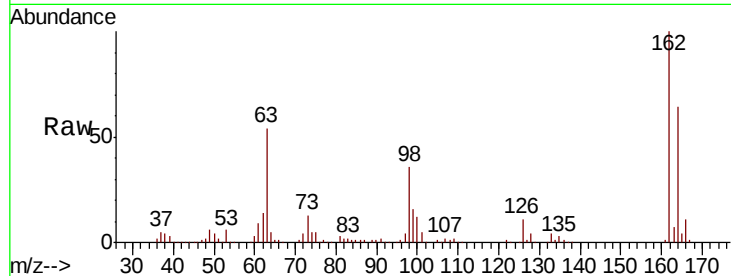
#29
 2,4-Dichlorophenol
 Concen: 43.939 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332839		
164	64.4	43.2	83.2	
98	36.2	17.3	57.3	

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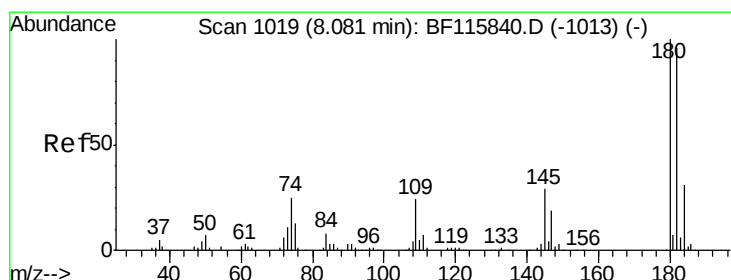
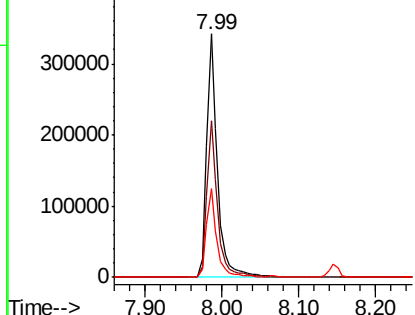
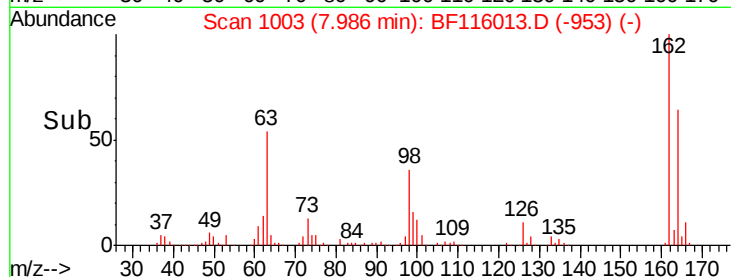


Abundance

Ion 162.00 (161.70 to 162.70): E

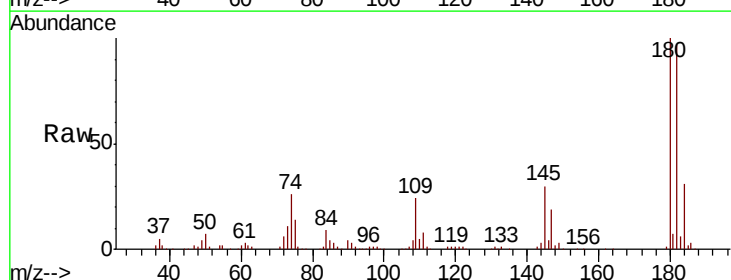
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.087 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	354775		
182	97.5	76.6	114.8	
145	30.4	23.2	34.8	

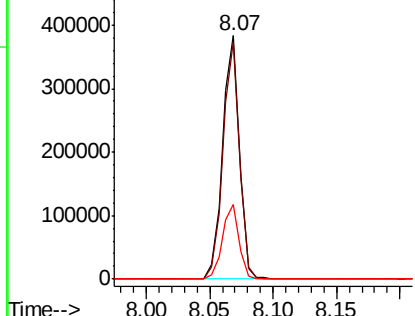
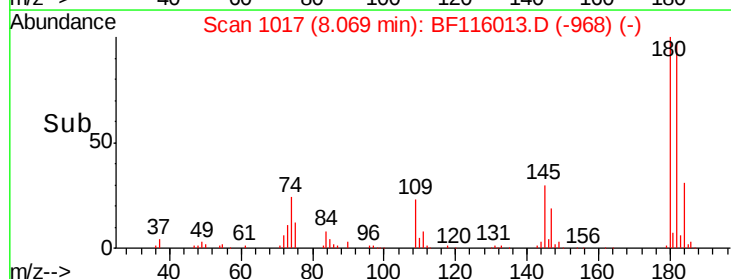


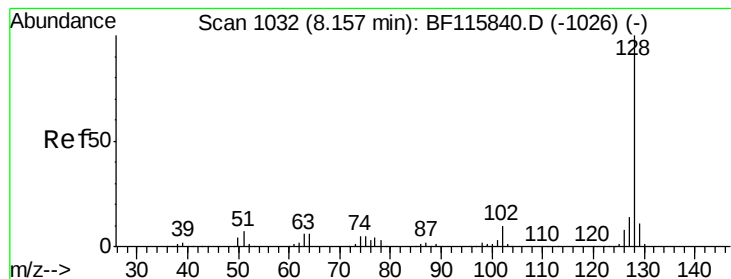
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.794 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion:128 Resp: 1089045

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

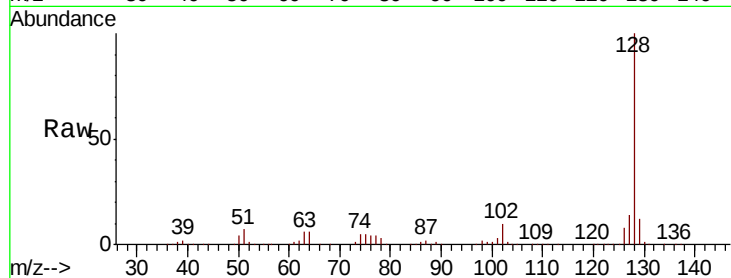
127 14.0 11.0 16.4

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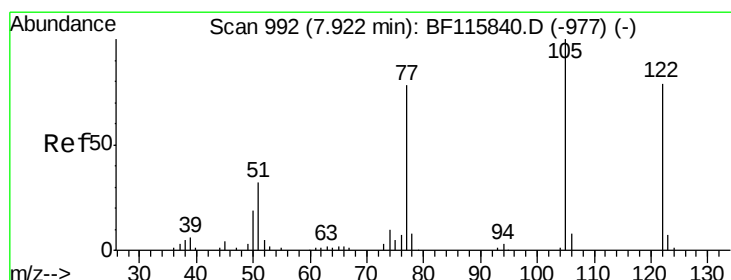
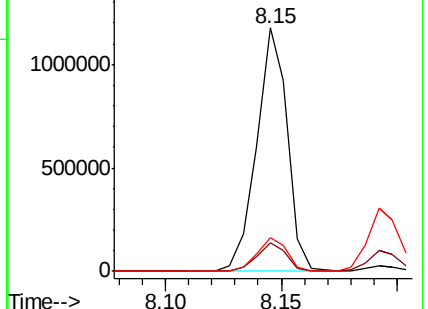
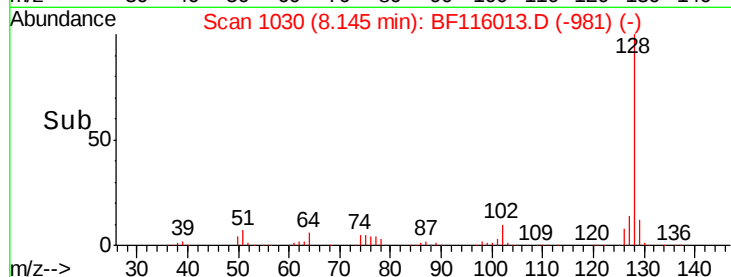
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.433 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.03 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

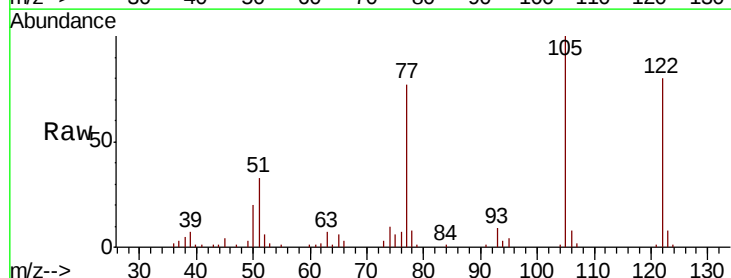
Tgt Ion:122 Resp: 67945

Ion Ratio Lower Upper

122 100

105 124.6 103.1 143.1

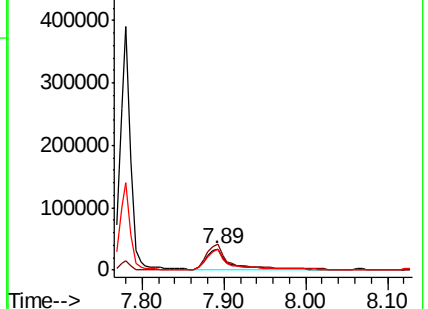
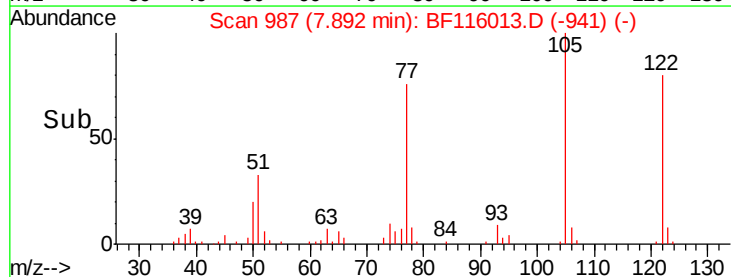
77 96.1 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





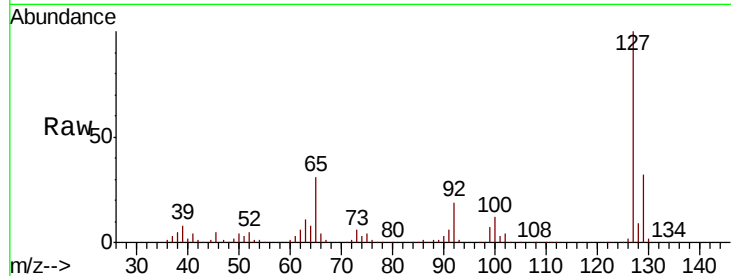
#33
4-Chloroaniline
Concen: 29.077 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

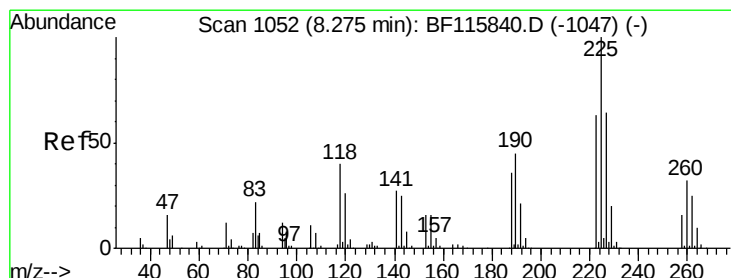
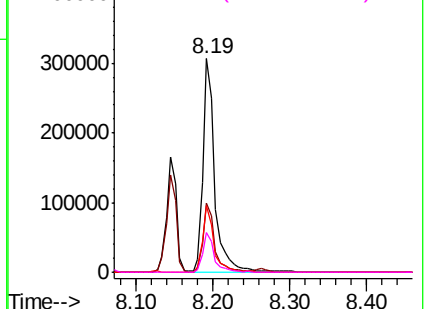
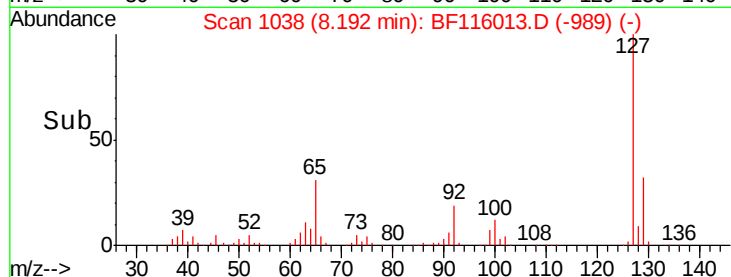
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.0	39.0		
65	31.3	23.9	35.9		
92	18.8	14.9	22.3		

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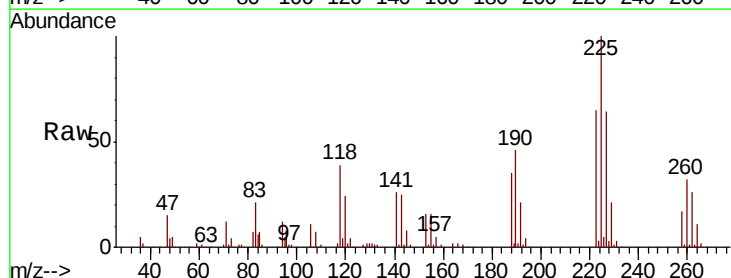


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

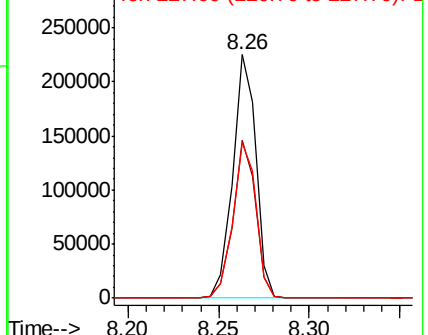
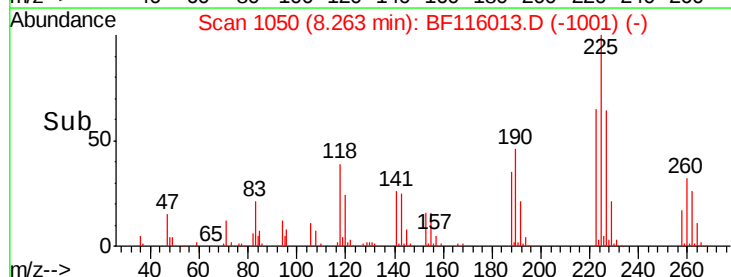


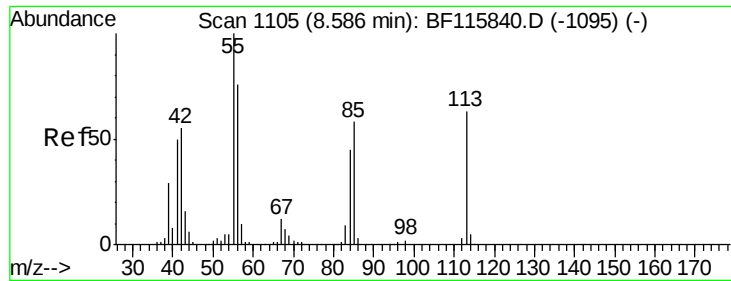
#34
Hexachlorobutadiene
Concen: 40.312 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9	50.4	75.6		
227	63.9	51.6	77.4		



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: 39.560 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

ClientSampleId :

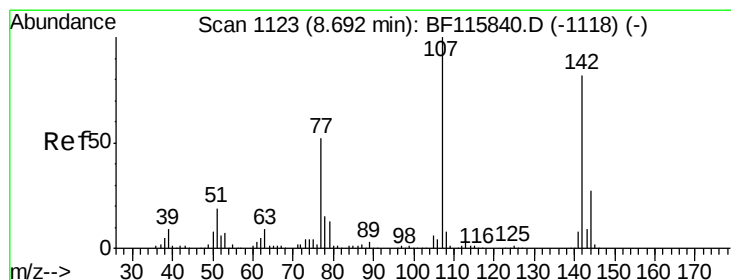
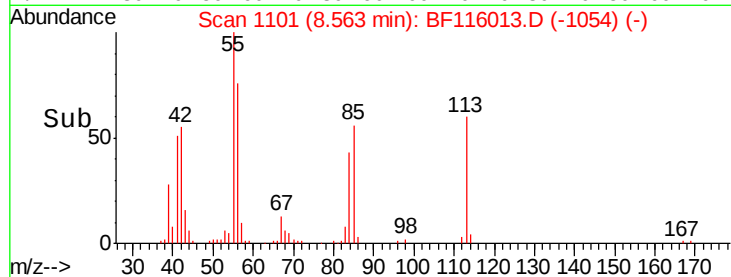
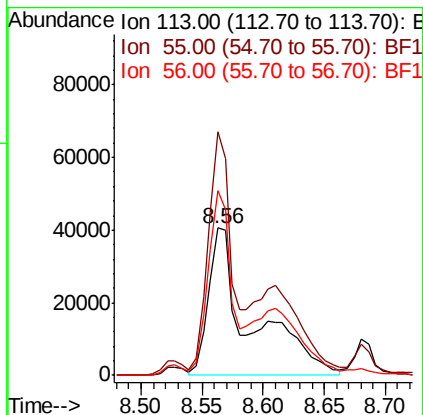
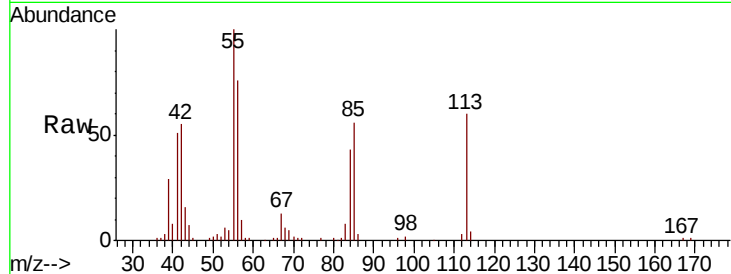
1S-B1-B4-COMP-(30)MS

Tot Ion:113 Resp: 96920

Ion	Ratio	Lower	Upper
113	100		
55	165.3	138.1	178.1
56	125.6	100.6	140.6

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#36

4-Chloro-3-methylphenol

Concen: 44.541 ng/mL

RT: 8.68 min Scan# 1121

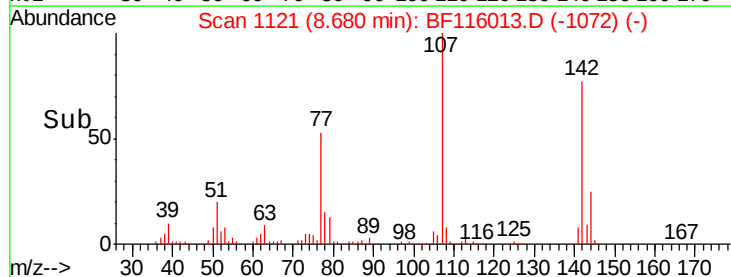
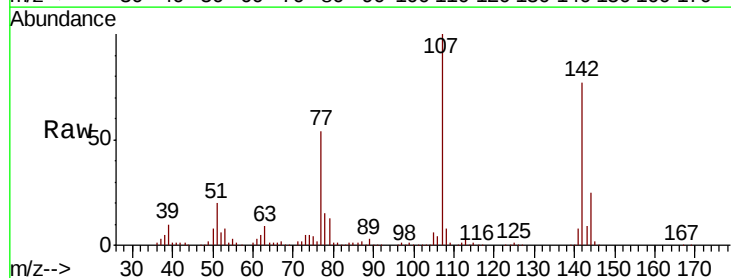
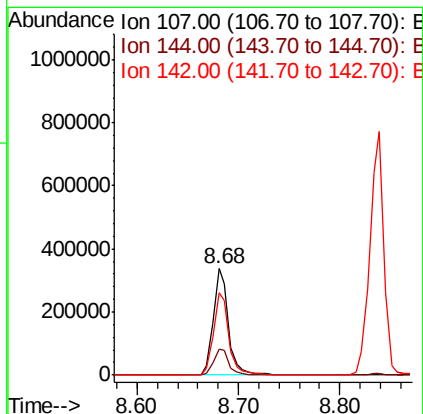
Delta R.T. -0.01 min

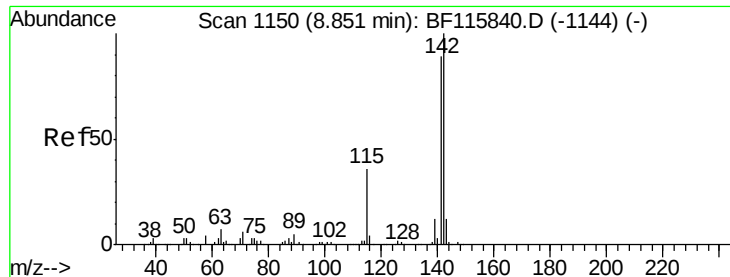
Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Tgt Ion:107 Resp: 350999

Ion	Ratio	Lower	Upper
107	100		
144	24.8	21.4	32.0
142	76.9	65.5	98.3





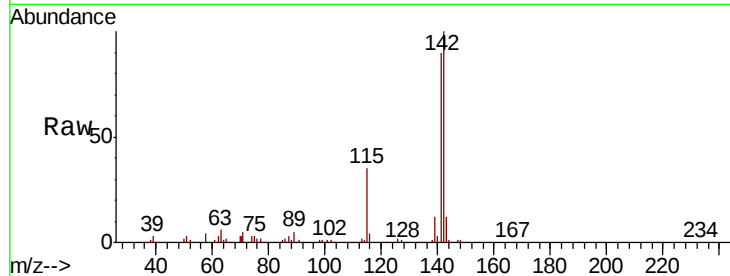
#37
2-Methylnaphthalene
Concen: 44.080 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	35.2	28.9	43.3

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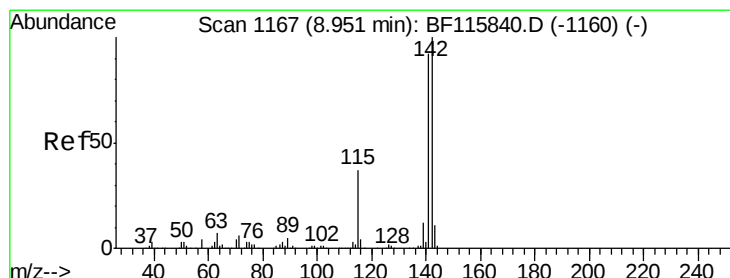
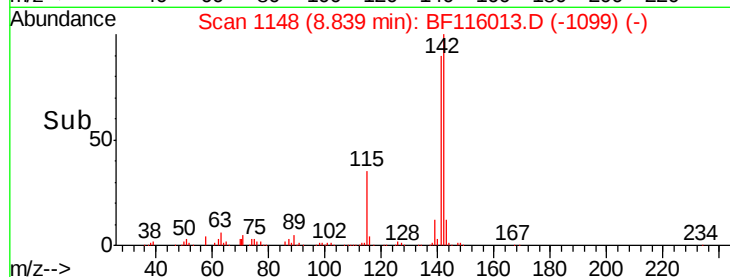
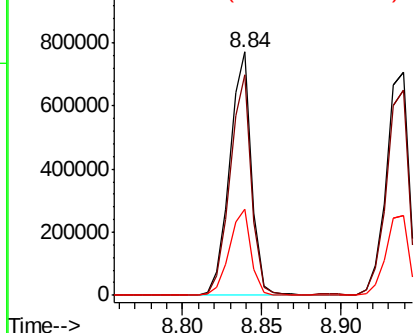


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.875 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

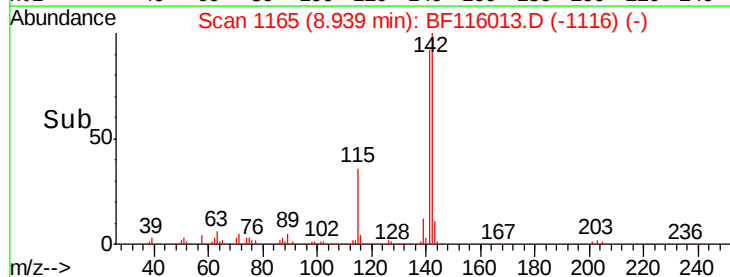
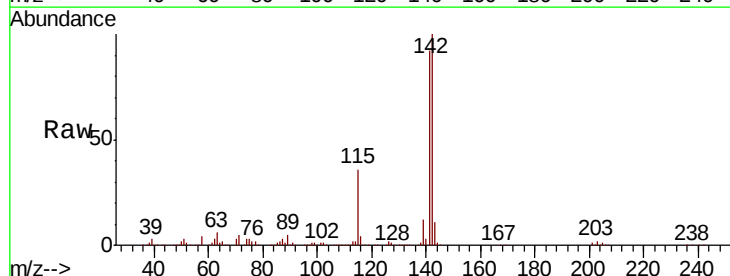
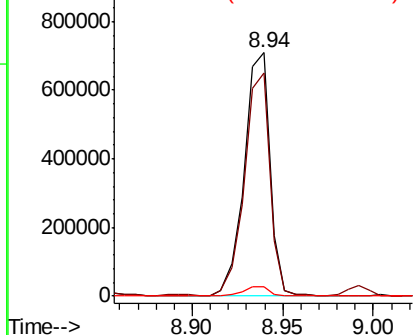
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6
116	3.6	3.1	4.7

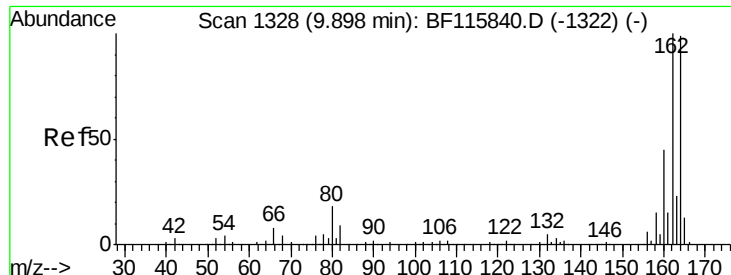
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





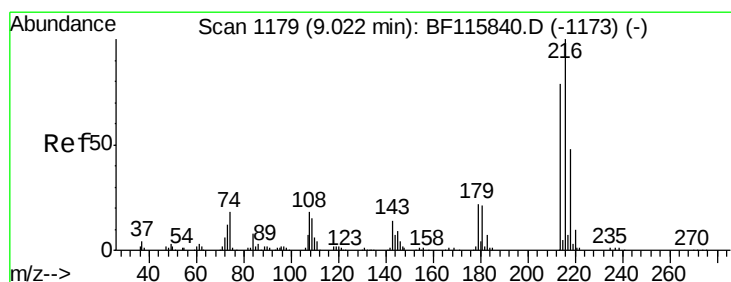
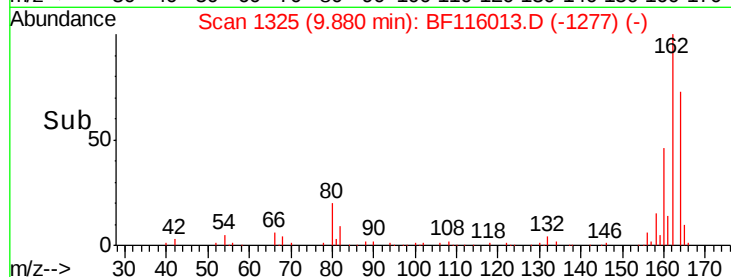
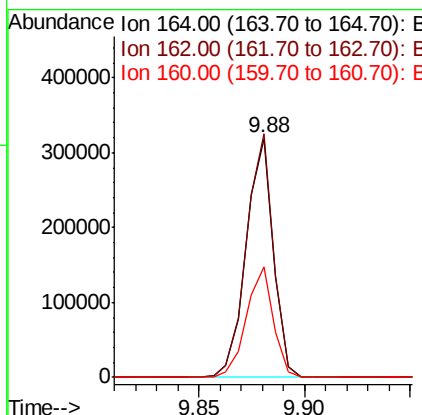
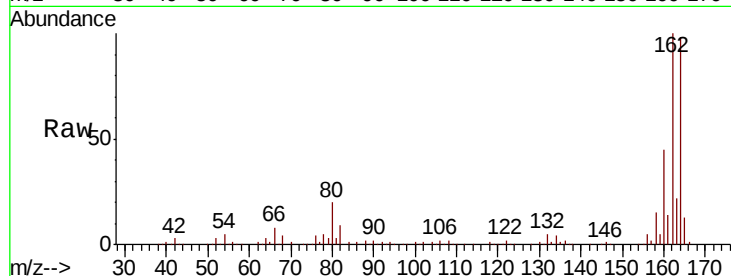
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	80.8	121.2	
160	46.1	36.2	54.4	

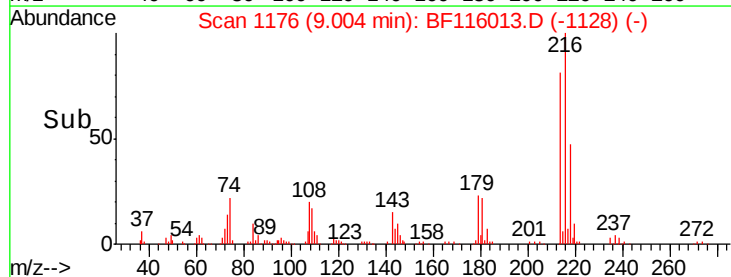
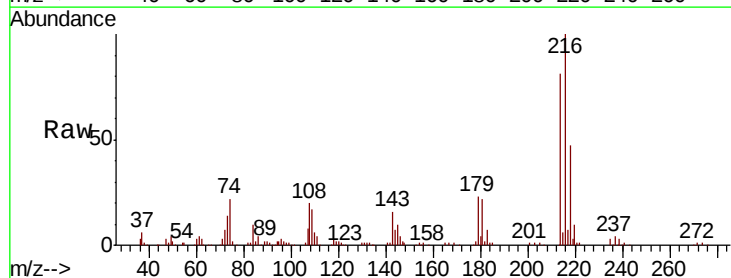
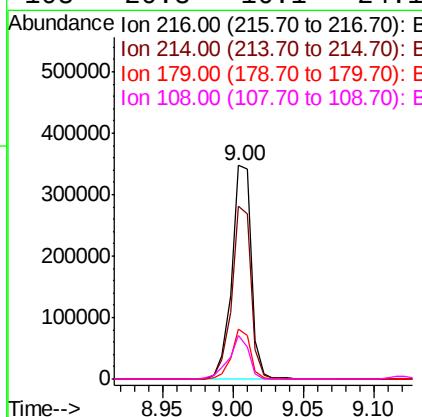
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.157 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	62.8	94.2	
179	22.1	17.6	26.4	
108	20.8	16.1	24.1	





#41

Hexachlorocyclopentadiene

Concen: 54.125 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

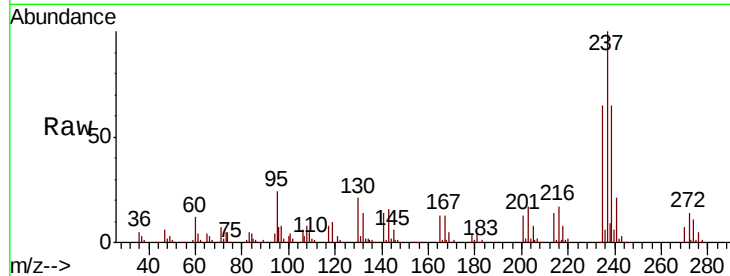
ClientSampleId :

1S-B1-B4-COMP-(30)MS

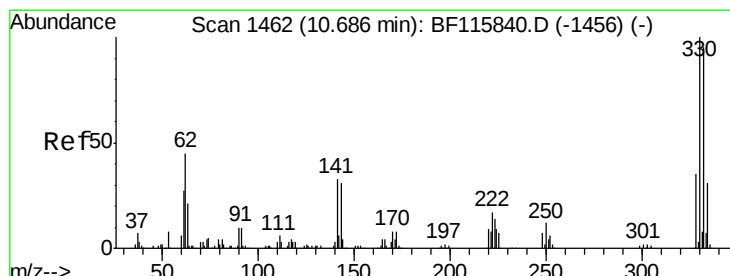
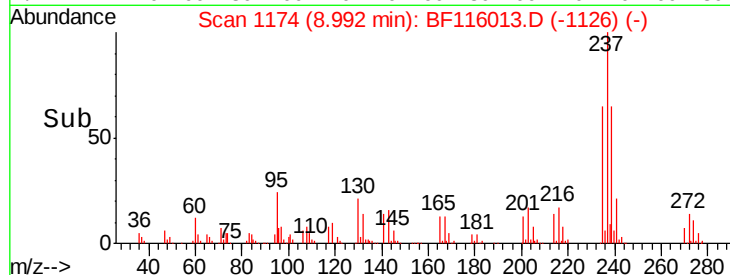
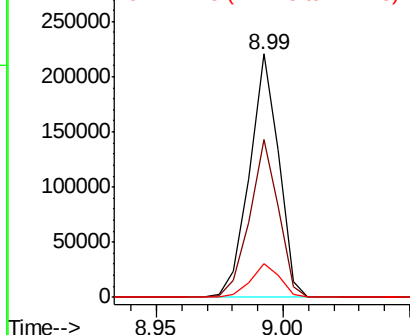
Tot Ion:	237	Resp:	177497
Ion Ratio	Lower	Upper	
237	100		
235	64.9	42.5	82.5
272	13.6	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 125.677 ng

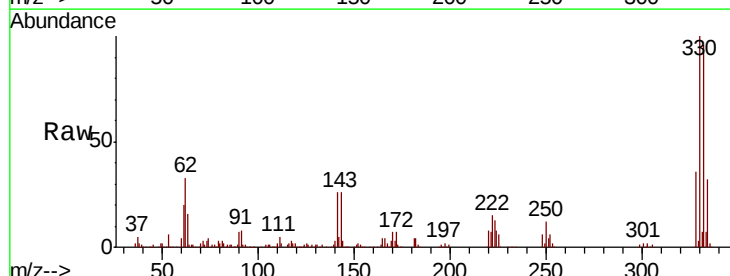
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

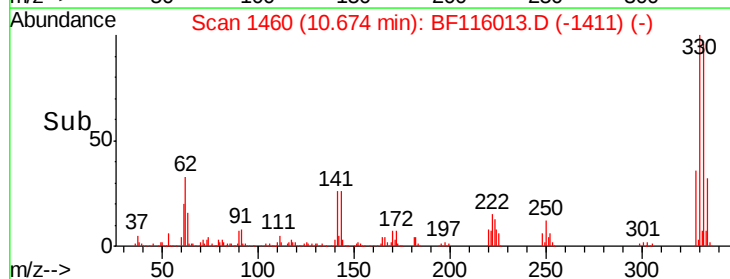
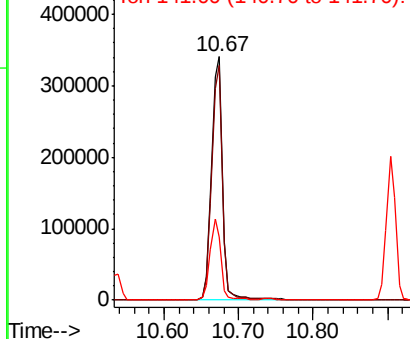
Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Tgt Ion:	330	Resp:	346169
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.7	116.5
141	33.4	28.1	42.1



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





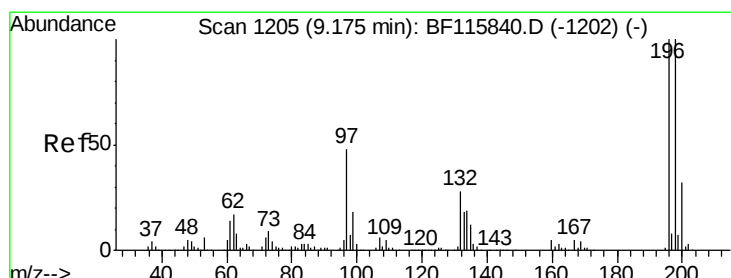
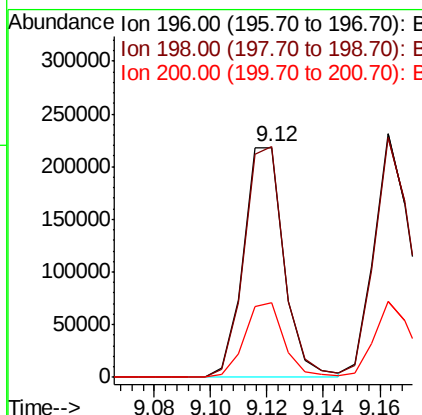
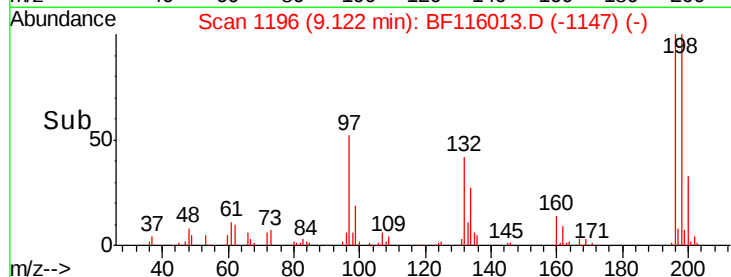
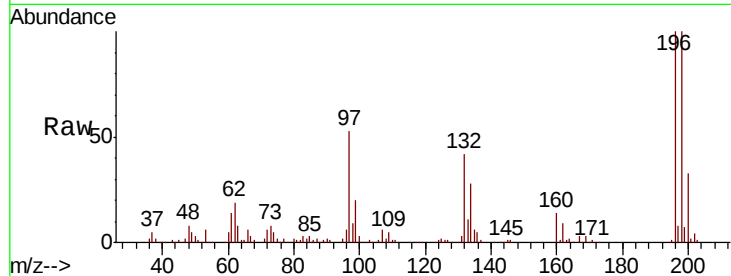
#43
 2,4,6-Trichlorophenol
 Concen: 41.587 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217412		
198	100.4	79.1	118.7	
200	32.6	26.0	39.0	

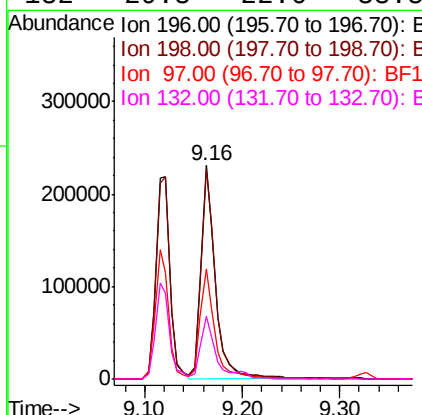
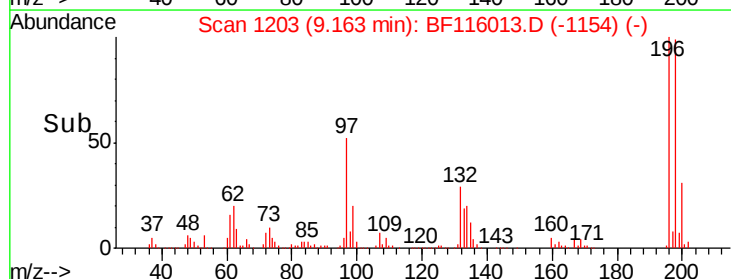
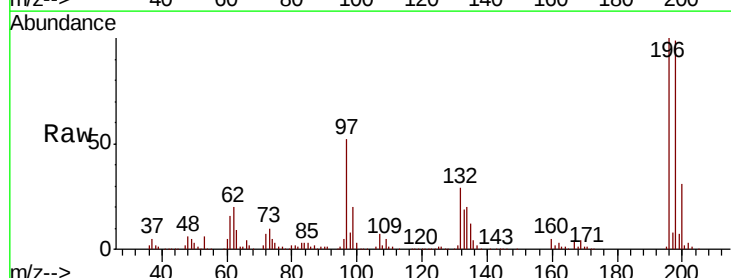
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#44
 2,4,5-Trichlorophenol
 Concen: 43.233 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233634		
198	98.5	80.1	120.1	
97	51.8	38.9	58.3	
132	29.3	22.6	33.8	





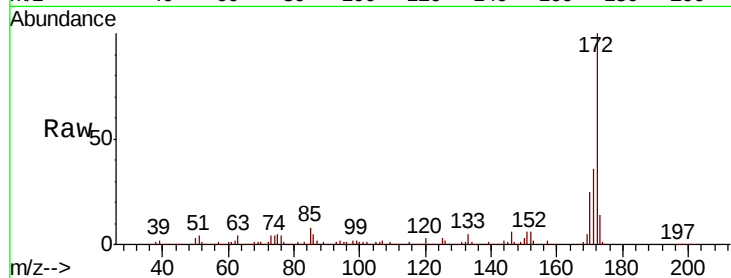
#45
2-Fluorobiphenyl
Concen: 91.581 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.1	20.1	30.1

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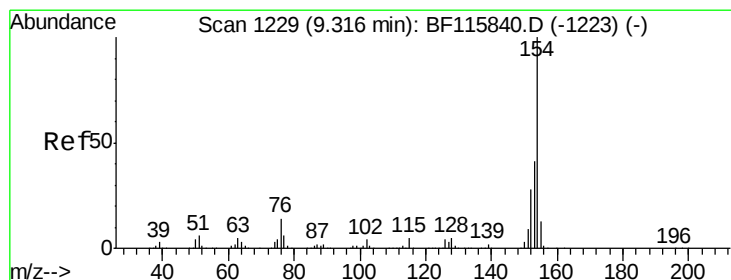
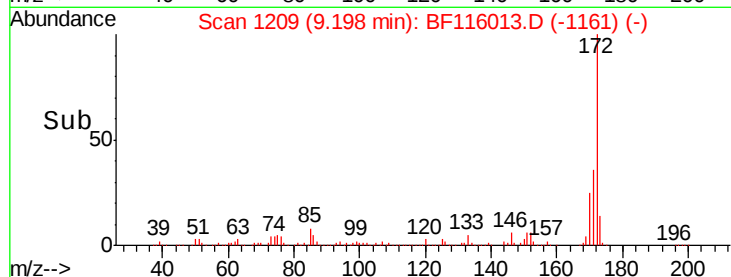
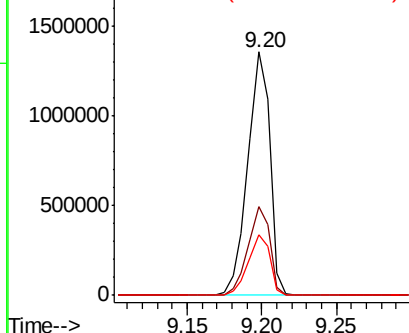


Abundance

Ion 172.00 (171.70 to 172.70): E

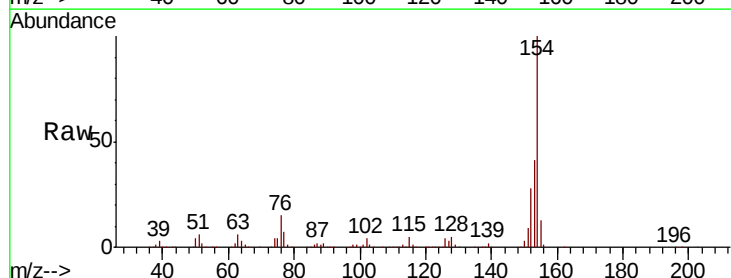
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.806 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	14.8	0.0	34.3

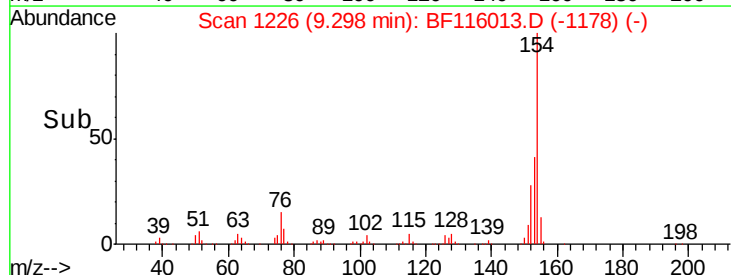
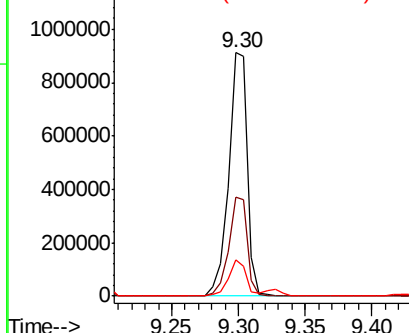


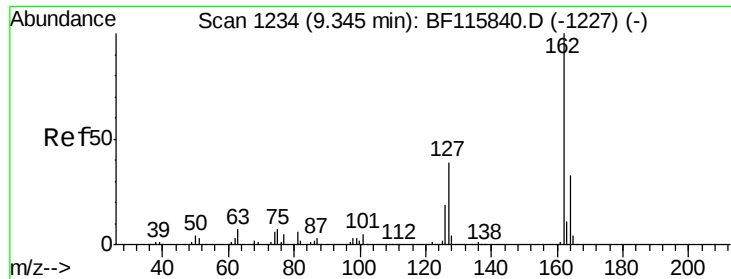
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





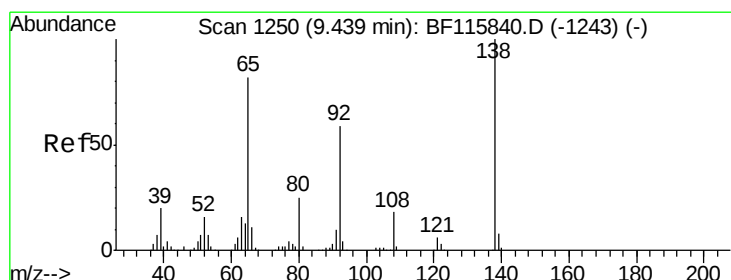
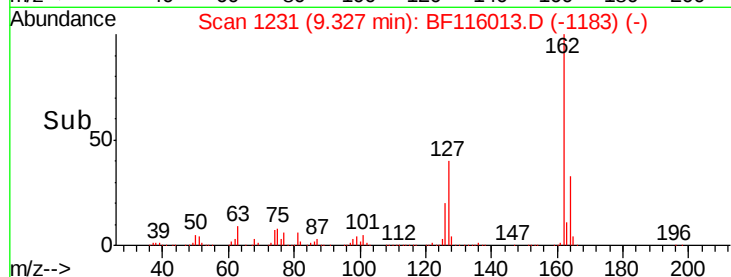
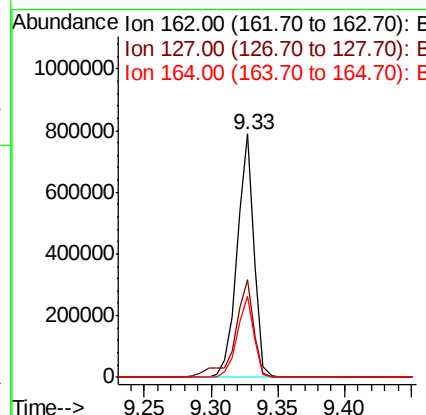
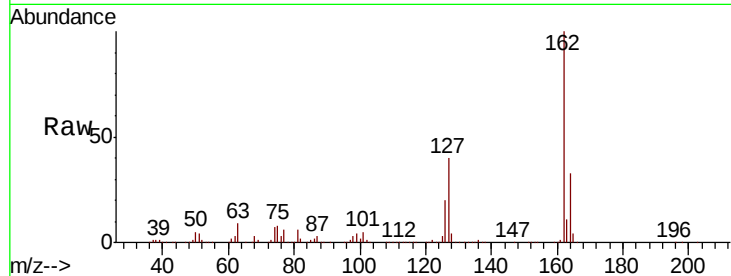
#47
 2-Chloronaphthalene
 Concen: 42.063 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	702193		
127	40.3	31.3	46.9	
164	33.4	26.6	40.0	

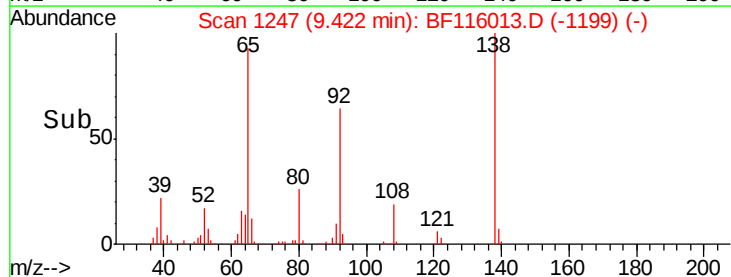
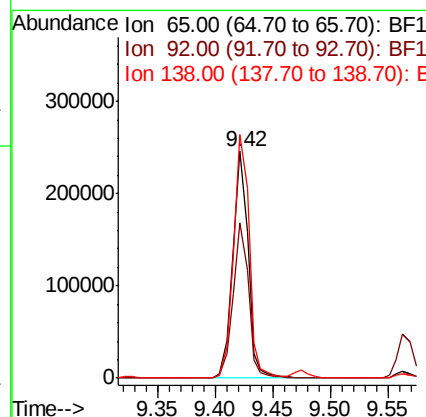
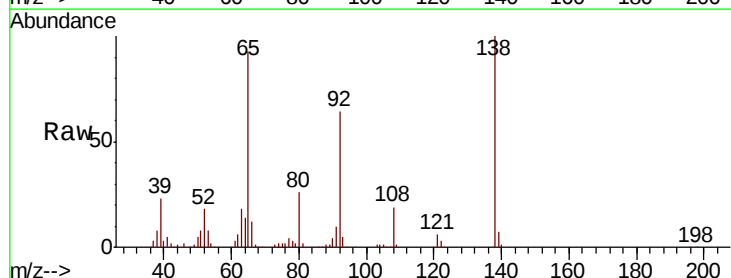
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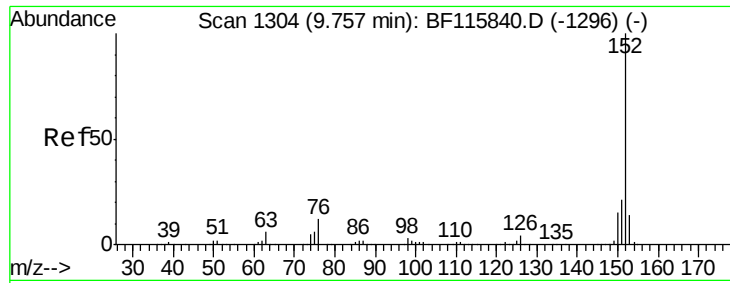
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#48
 2-Nitroaniline
 Concen: 41.181 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	227235		
92	68.7	57.1	85.7	
138	107.4	97.1	145.7	





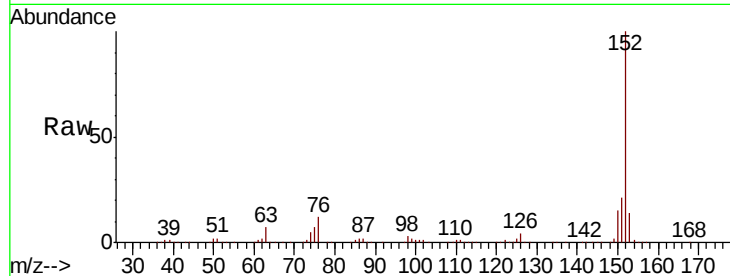
#49
Acenaphthylene
Concen: 44.091 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	14.2	11.6	17.4

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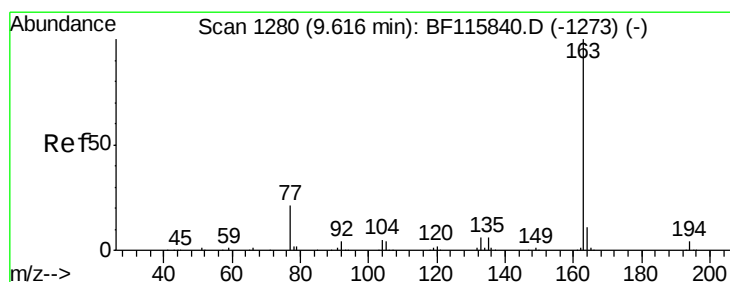
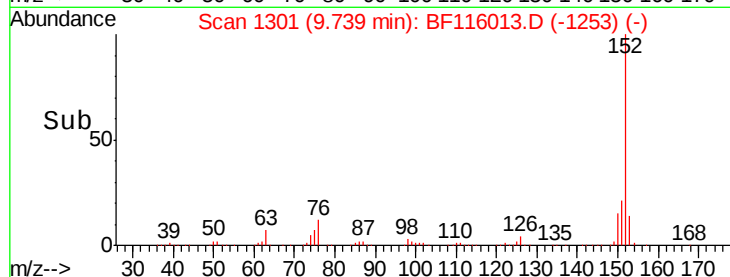
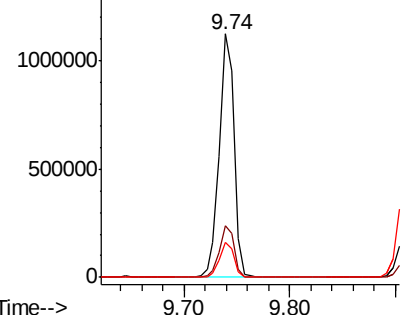


Abundance

Ion 152.00 (151.70 to 152.70): E

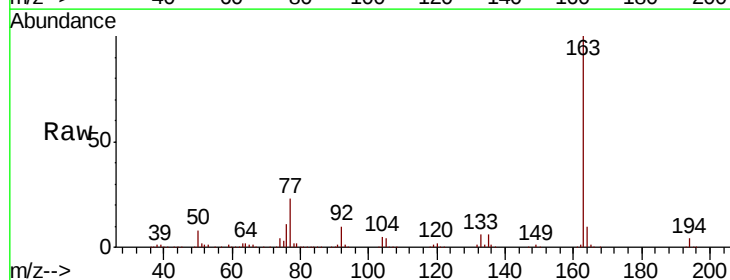
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 50.152 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.4	8.4	12.6

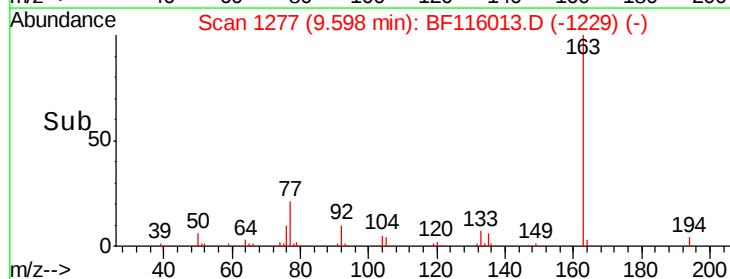
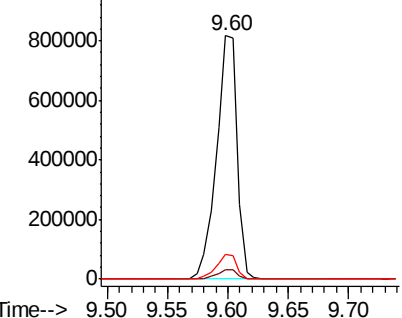


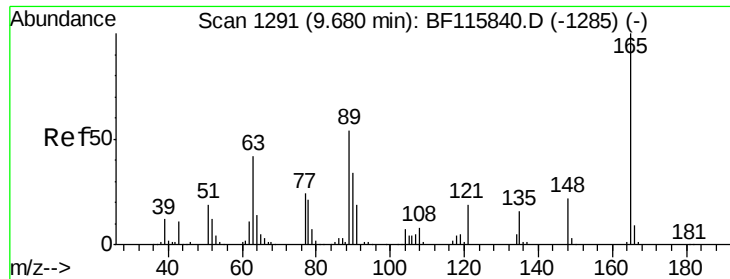
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





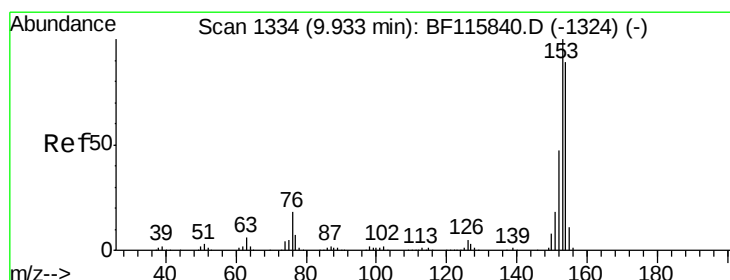
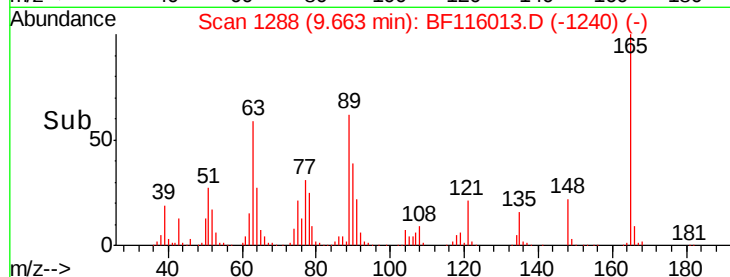
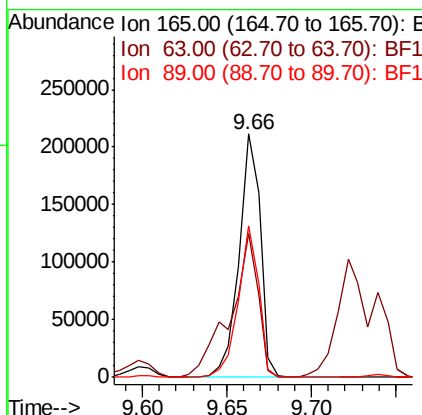
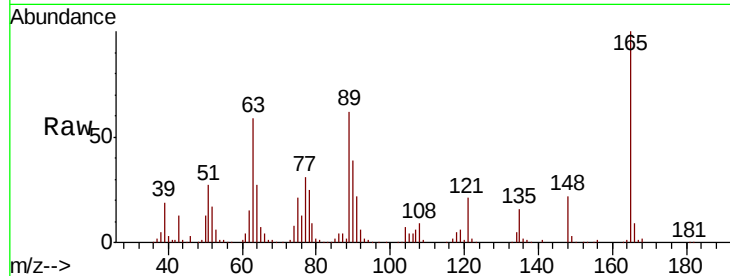
#51
 2,6-Dinitrotoluene
 Concen: 44.214 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	59.2	39.4	59.2#
89	62.0	43.0	64.6

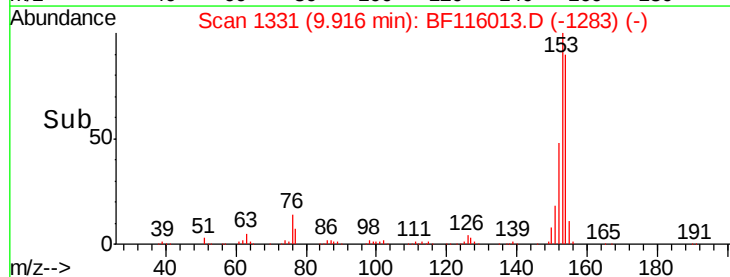
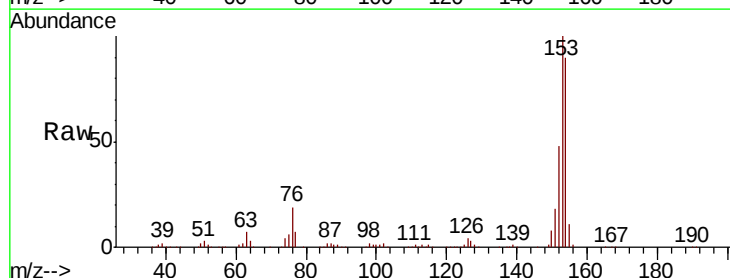
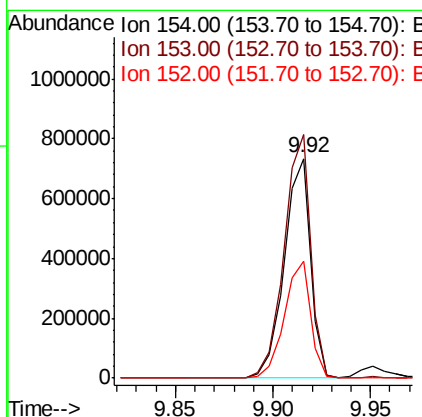
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#52
 Acenaphthene
 Concen: 45.884 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.8	90.1	135.1
152	52.9	42.6	63.8





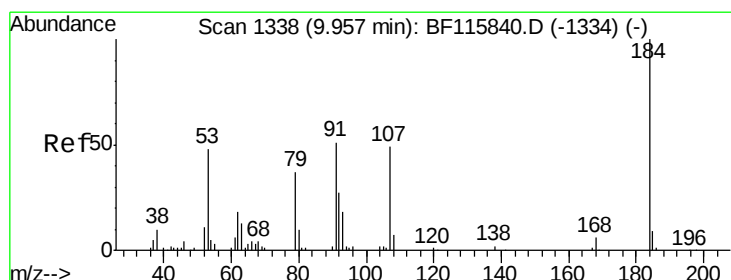
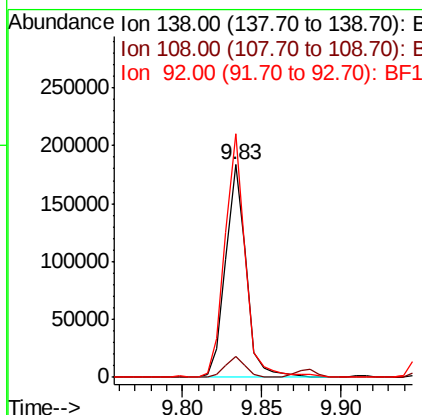
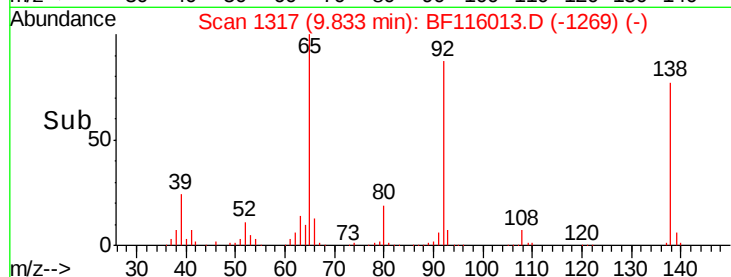
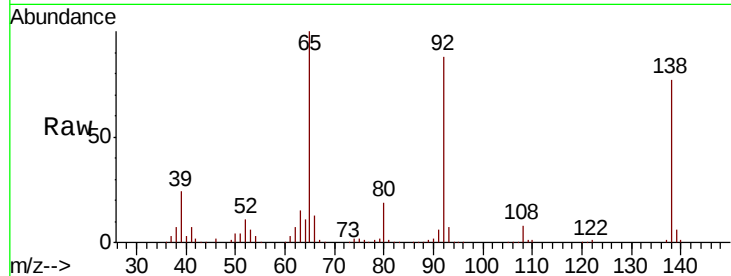
#53
3-Nitroaniline
Concen: 31.856 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.2
92	114.6	83.9	125.9

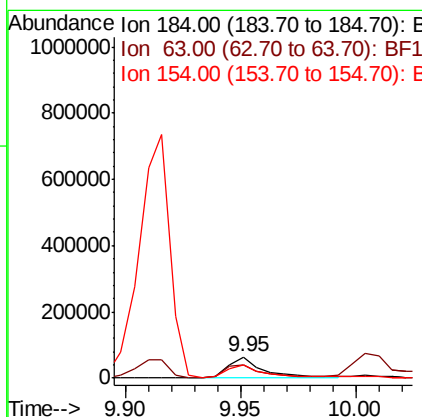
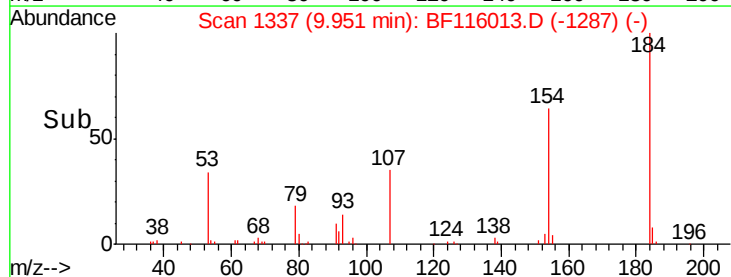
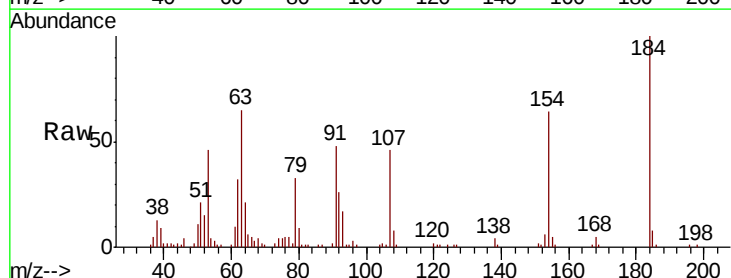
Manual Integrations
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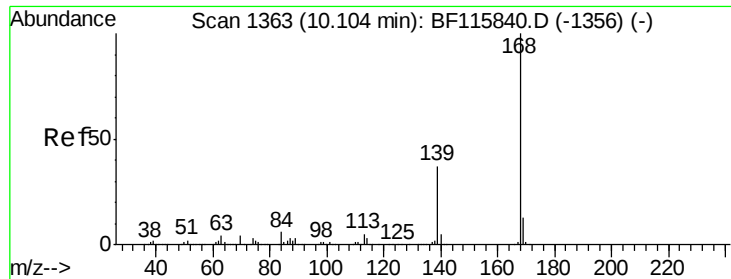
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#54
2,4-Dinitrophenol
Concen: 36.876 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	56.7	85.1
154	64.1	51.9	77.9





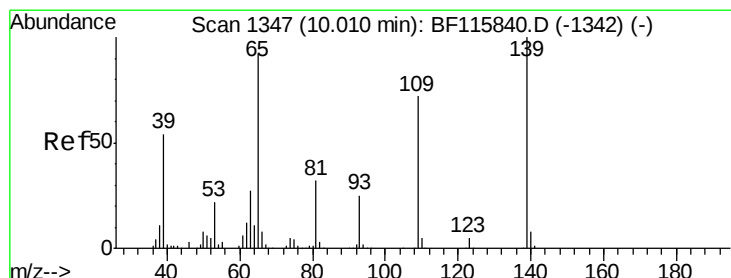
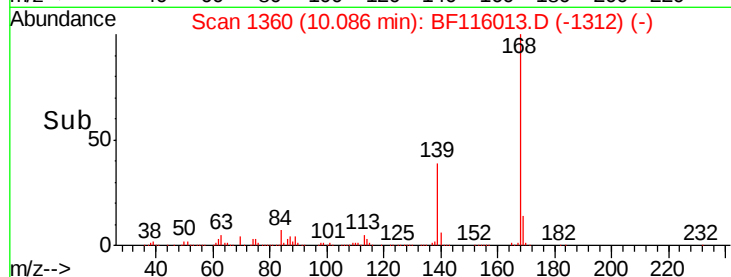
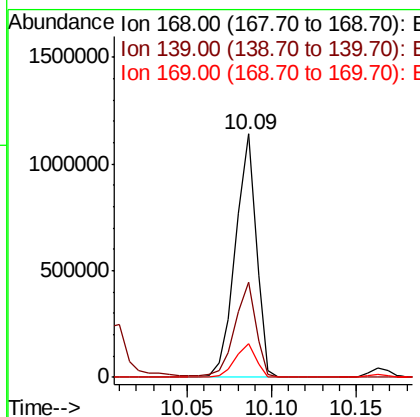
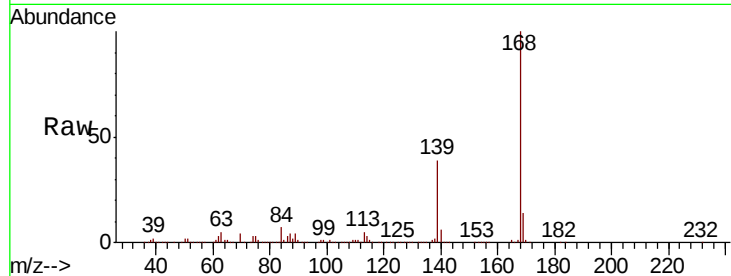
#55
Dibenzofuran
Concen: 45.233 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.2
169	13.8	10.8	16.2

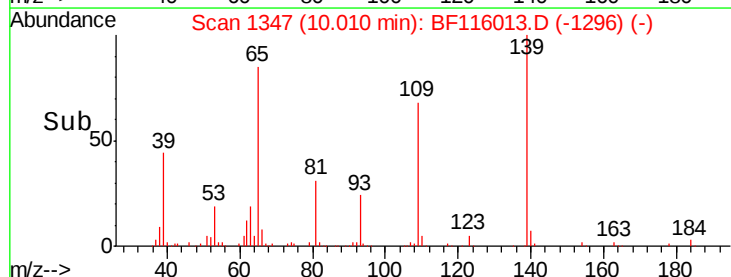
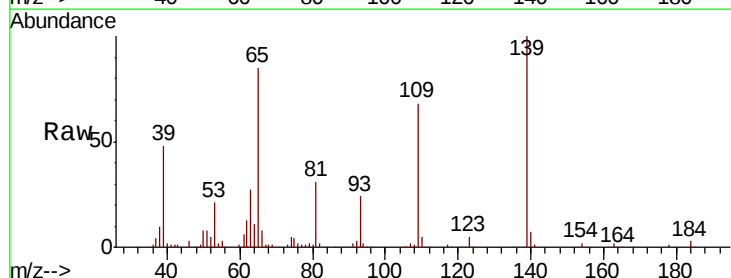
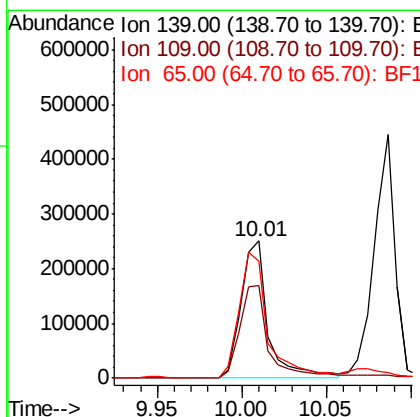
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#56
4-Nitrophenol
Concen: 84.476 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.1	52.0	92.0
65	85.2	72.6	112.6





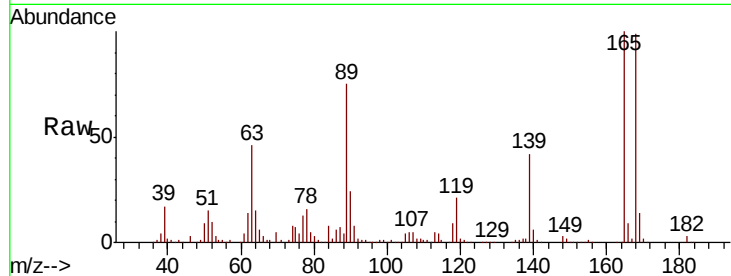
#57
2,4-Dinitrotoluene
Concen: 42.967 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	240487		
63	45.5	33.2	49.8	
89	74.8	57.3	85.9	
182	2.7	2.1	3.1	

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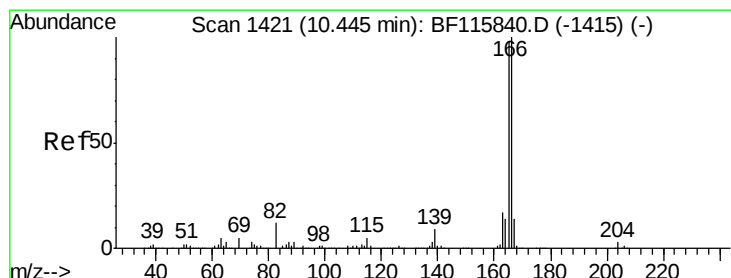
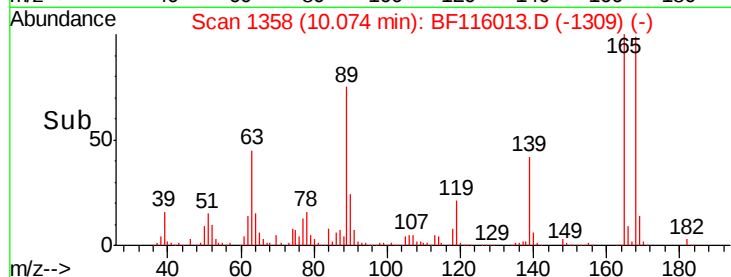
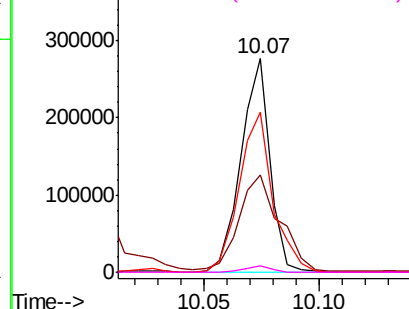
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

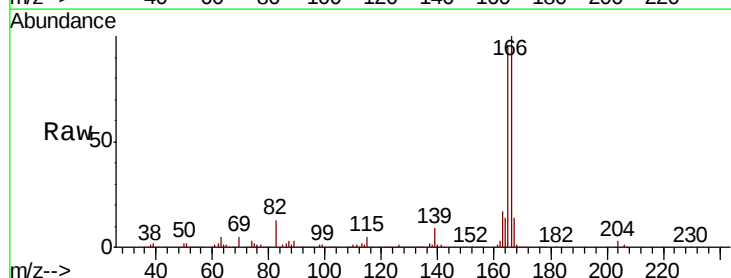
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.827 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	782811		
165	96.1	78.6	118.0	
167	13.6	10.9	16.3	

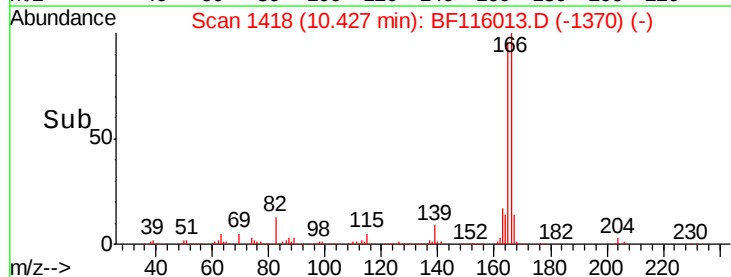
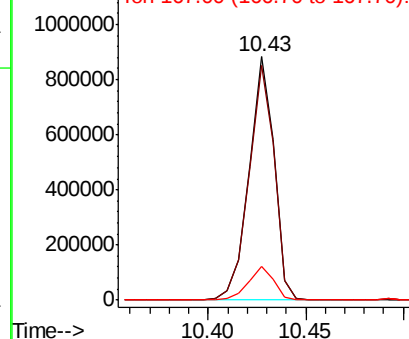


Abundance

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





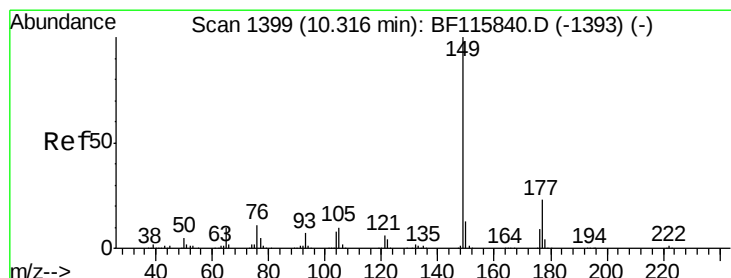
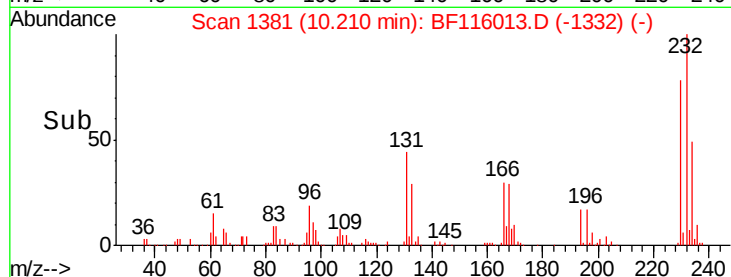
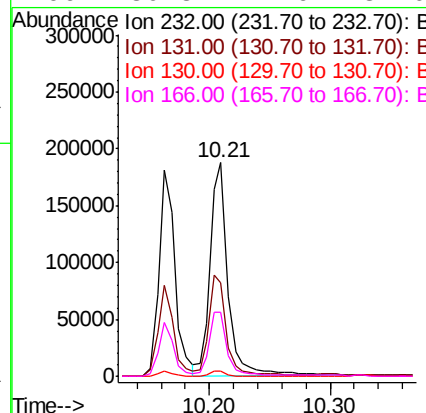
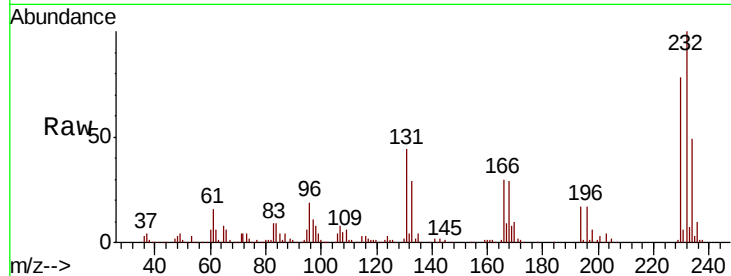
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.941 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion:	232	Resp:	190683
Ion Ratio	Lower	Upper	
232	100		
131	46.1	37.6	56.4
130	2.5	1.8	2.8
166	30.3	24.6	37.0

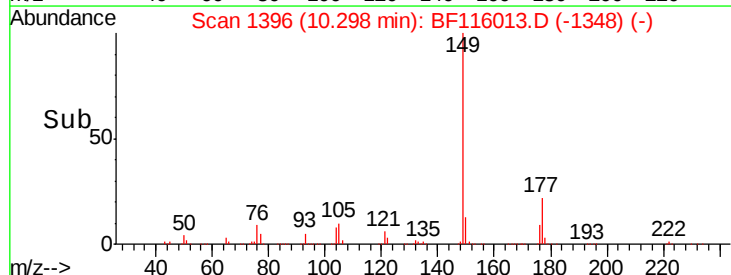
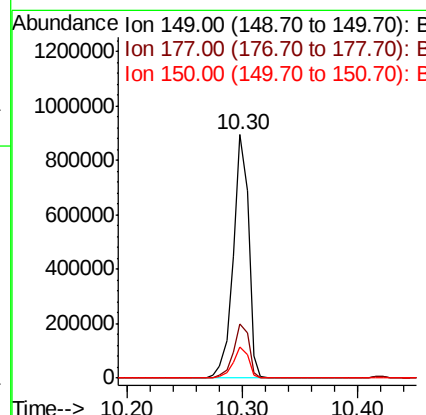
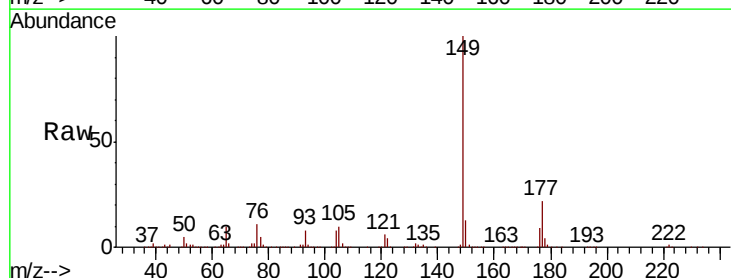
Manual Integrations
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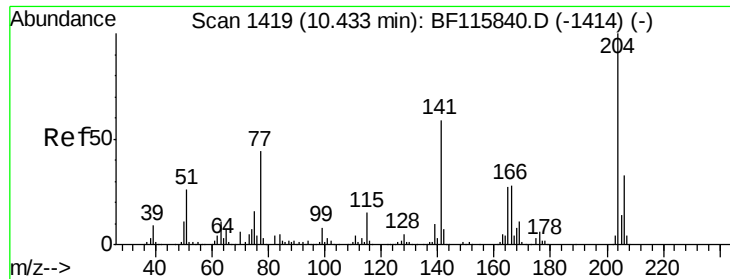
mohammad
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#60
 Diethylphthalate
 Concen: 45.400 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion:	149	Resp:	819930
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.4	27.6
150	12.7	10.1	15.1





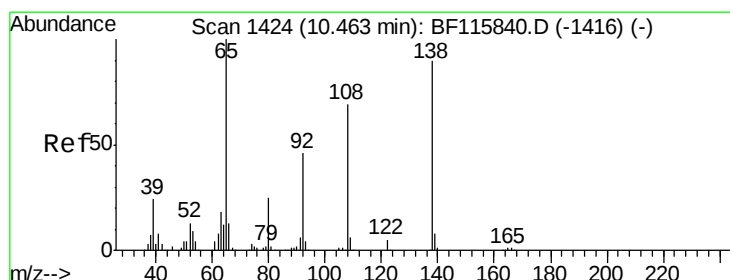
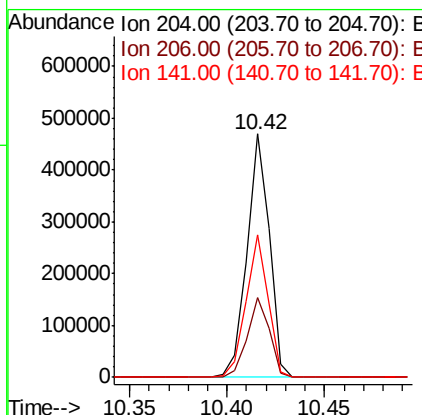
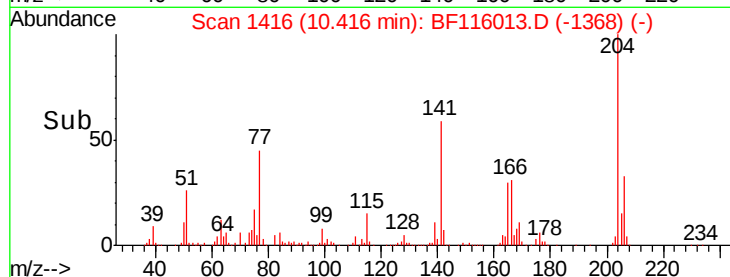
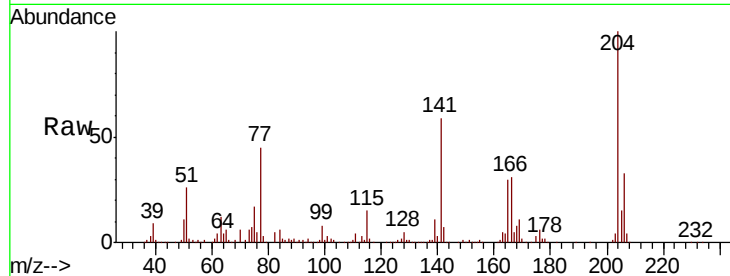
#61
4-Chlorophenyl-phenylether
Concen: 44.010 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	58.7	47.0	70.4

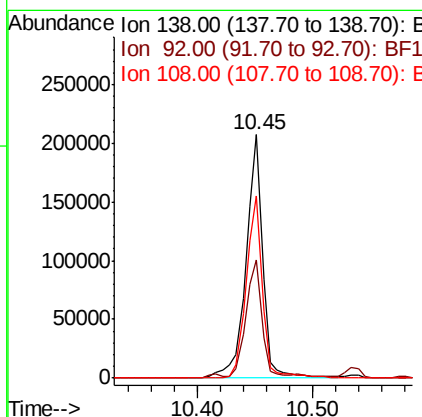
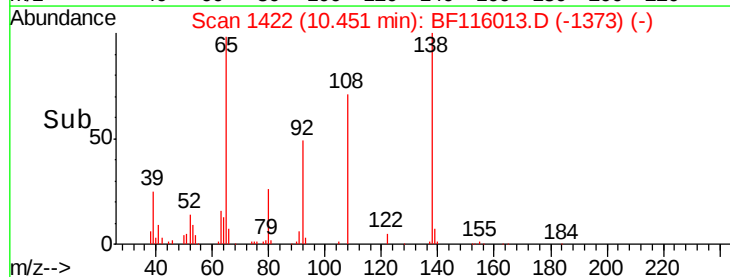
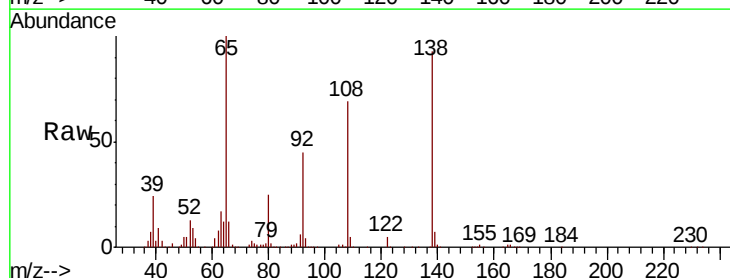
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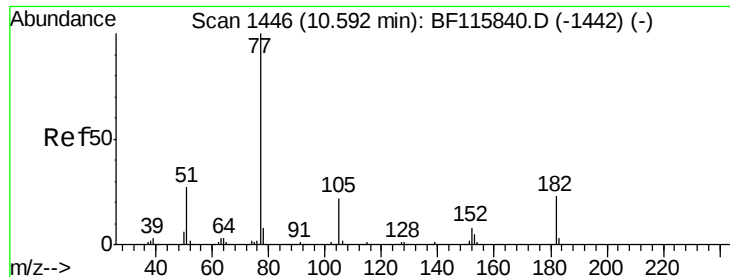
mohammad
8/7/2019 4:41:57 PM



#62
4-Nitroaniline
Concen: 38.790 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.0	71.0
108	74.7	56.7	96.7





#63

Azobenzene

Concen: 44.397 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

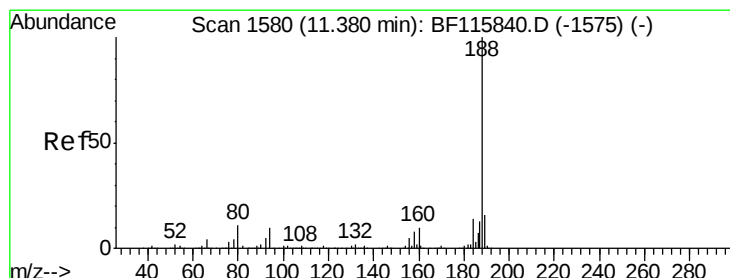
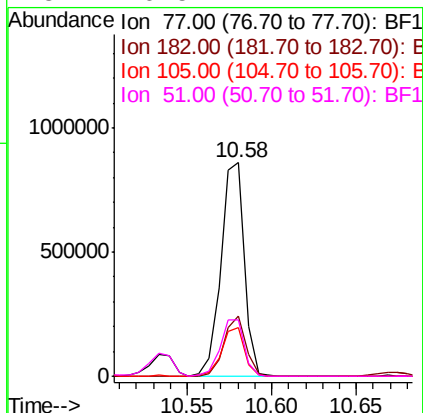
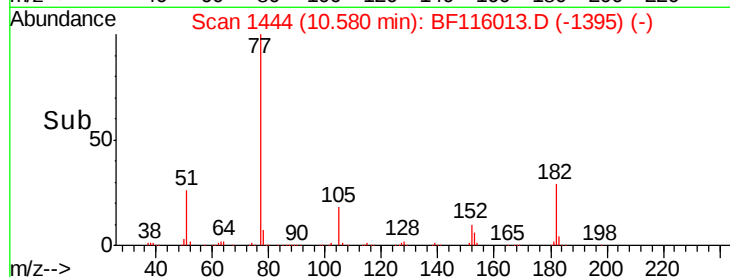
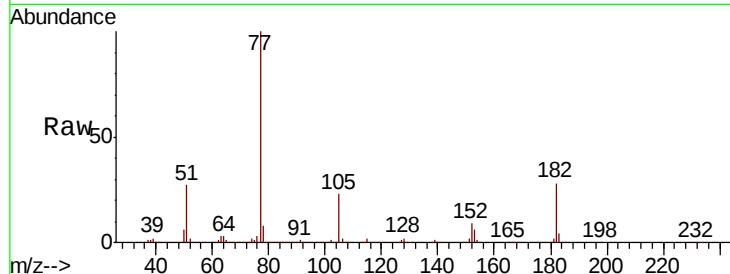
ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	2.6	42.6
105	23.1	1.6	41.6
51	26.5	7.4	47.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

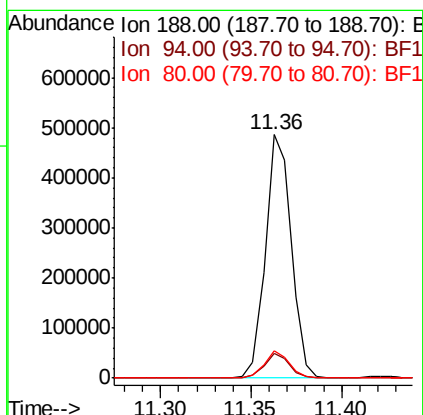
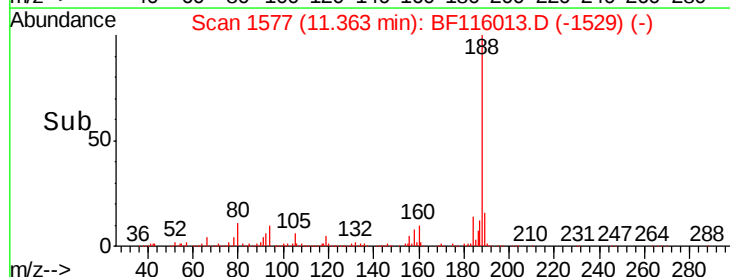
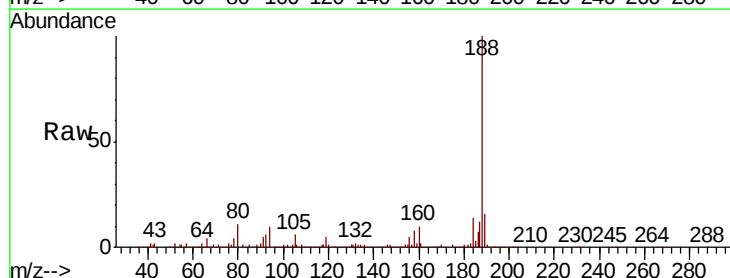
RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.0	12.0
80	11.5	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 31.949 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion:198 Resp: 81561

Ion Ratio Lower Upper

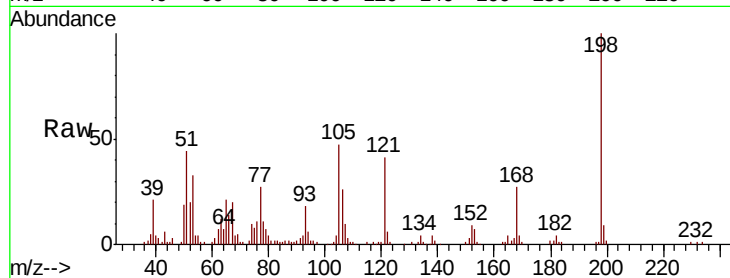
198 100

51 44.0 21.1 61.1

105 46.8 24.5 64.5

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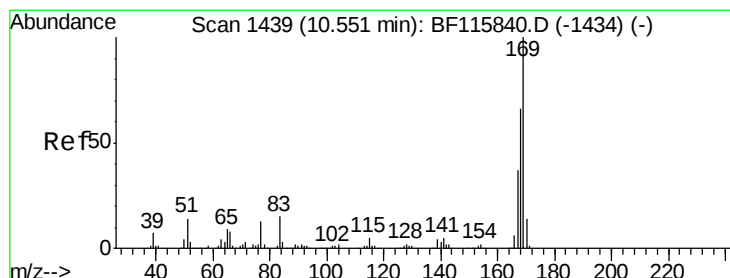
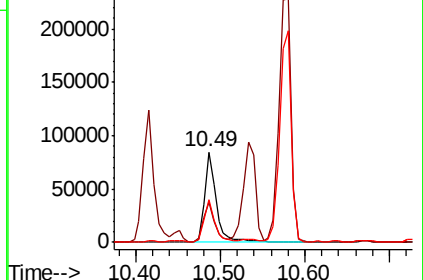
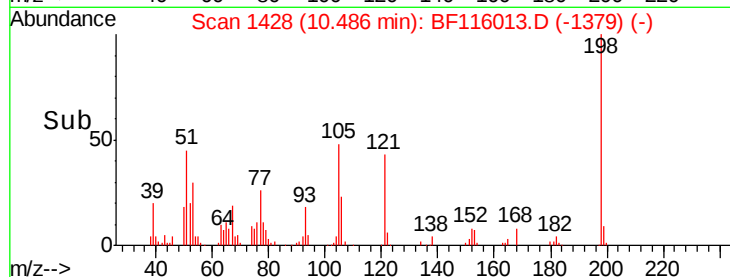
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.222 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

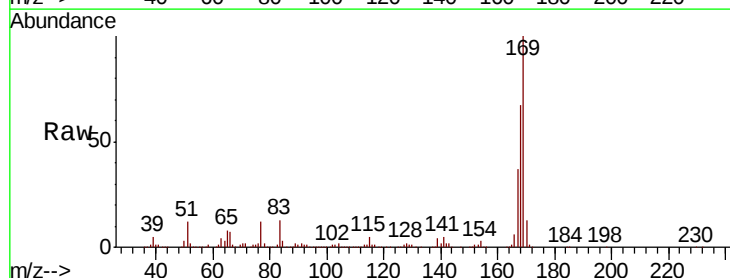
Tgt Ion:169 Resp: 670205

Ion Ratio Lower Upper

169 100

168 67.0 53.0 79.6

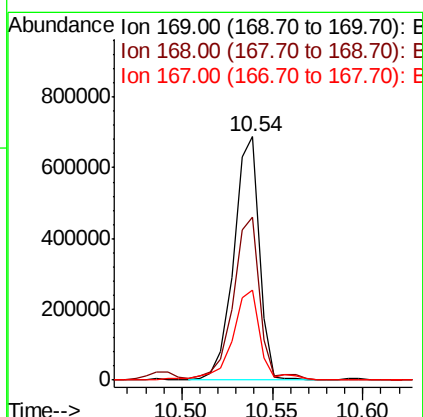
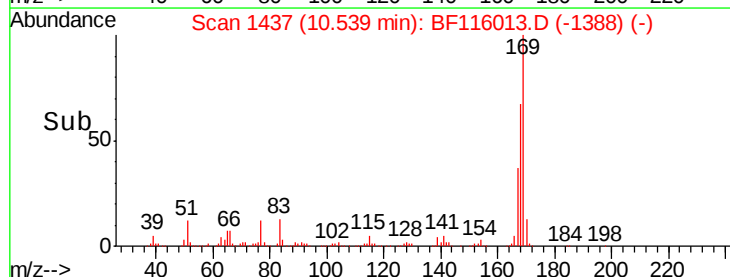
167 36.9 29.9 44.9

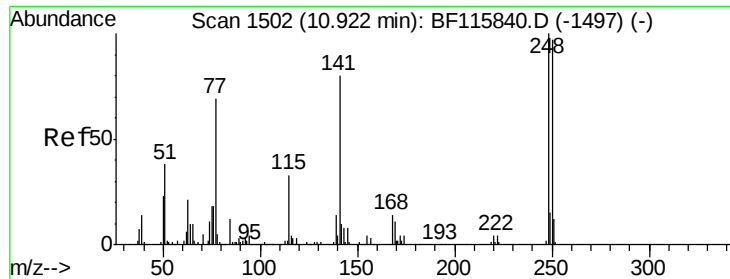


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





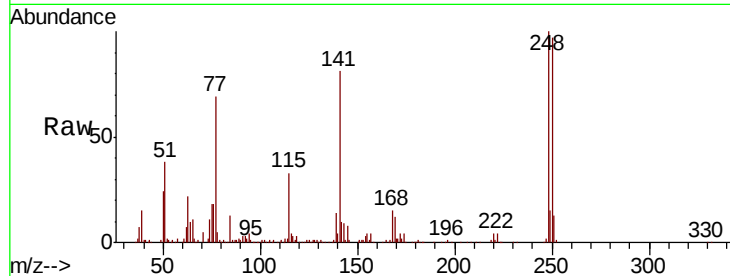
#67
 4-Bromophenyl-phenylether
 Concen: 44.535 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

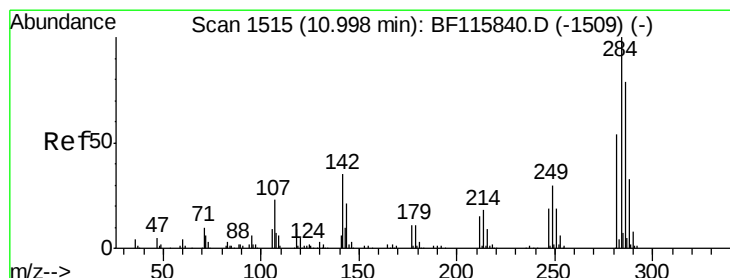
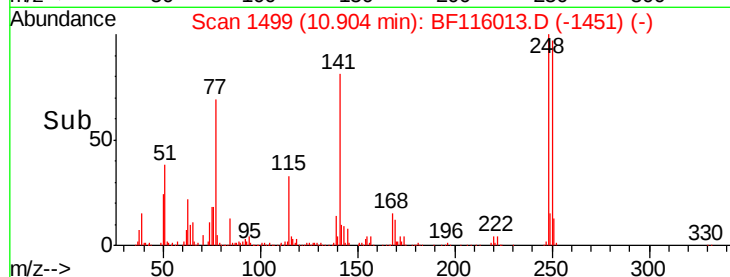
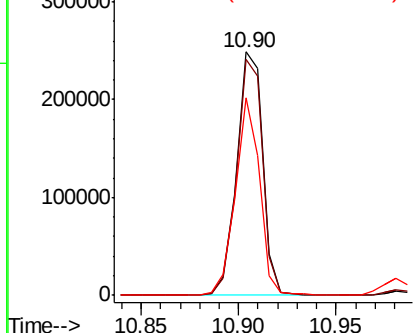
Tot Ion:	248	Resp:	229666
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.8	116.6
141	81.0	64.3	96.5

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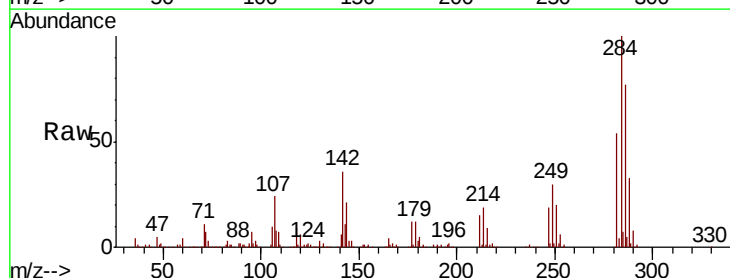


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

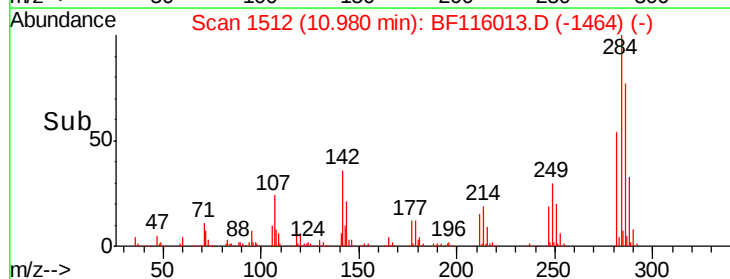
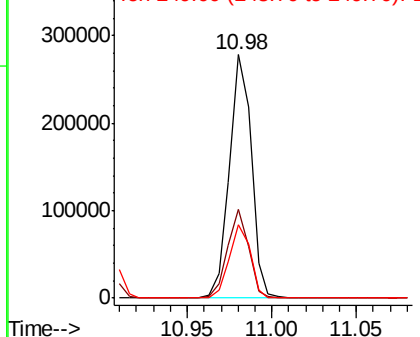


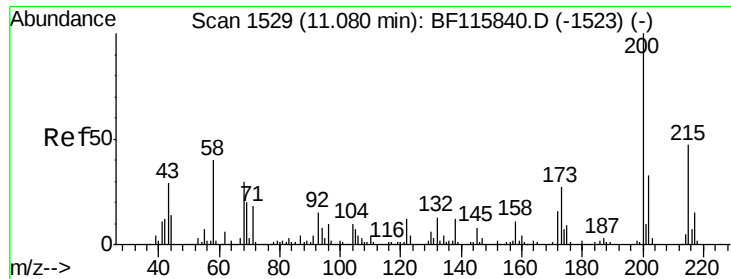
#68
 Hexachlorobenzene
 Concen: 41.837 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion:	284	Resp:	249482
Ion Ratio	Lower	Upper	
284	100		
142	36.4	28.2	42.2
249	30.0	24.0	36.0



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





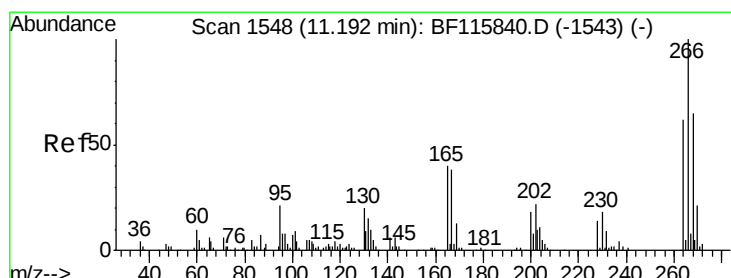
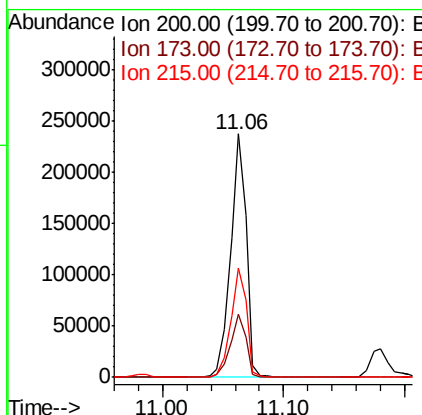
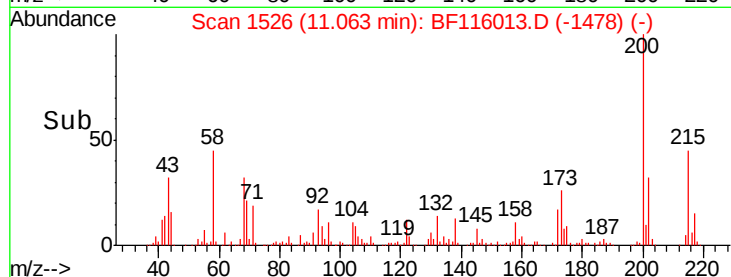
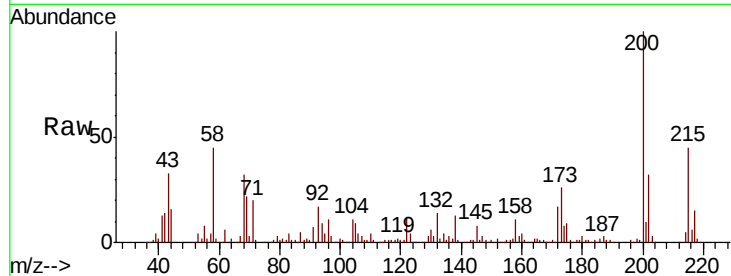
#69
 Atrazine
 Concen: 45.021 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.3	47.3
215	45.0	26.9	66.9

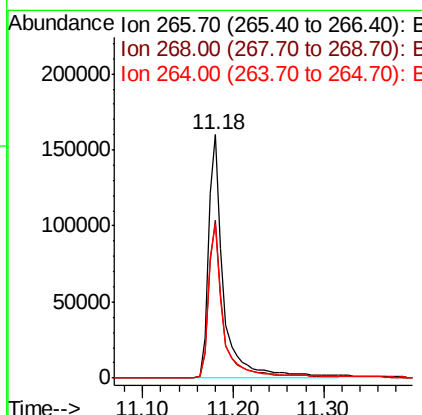
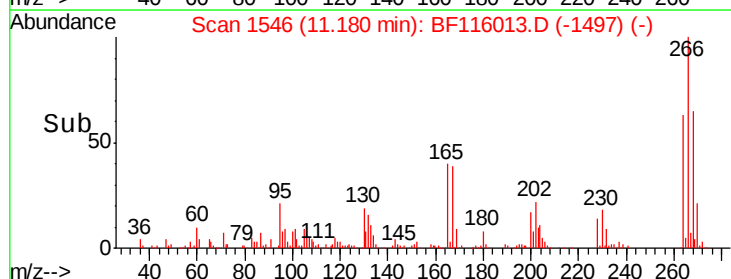
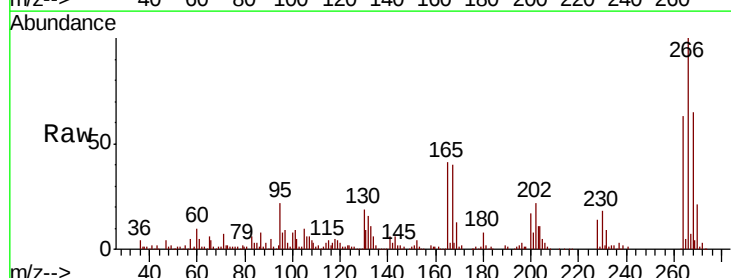
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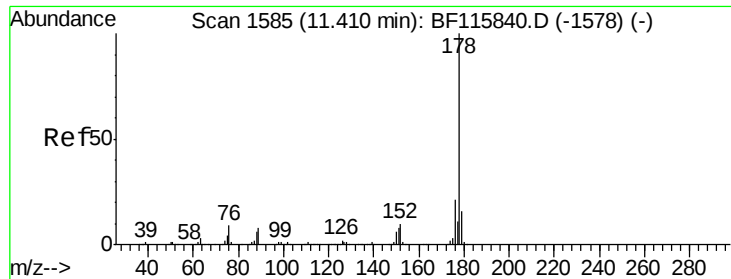
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#70
 Pentachlorophenol
 Concen: 65.704 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.6	77.4
264	63.1	49.4	74.0





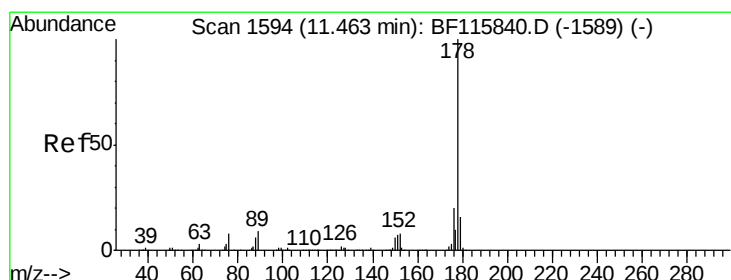
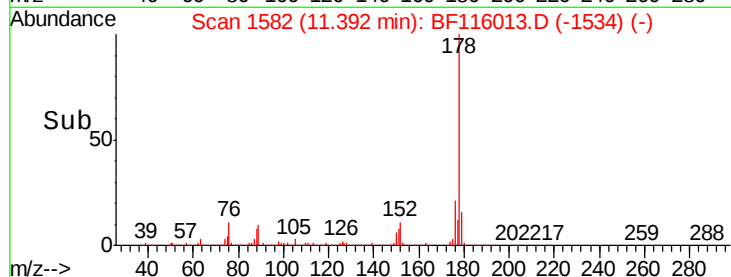
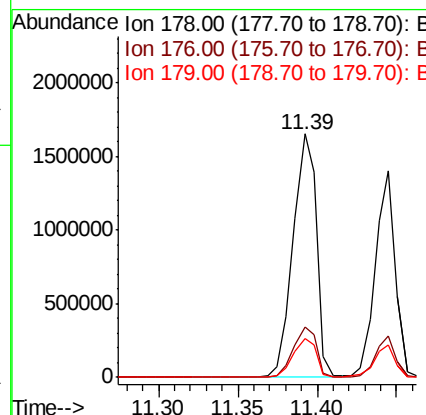
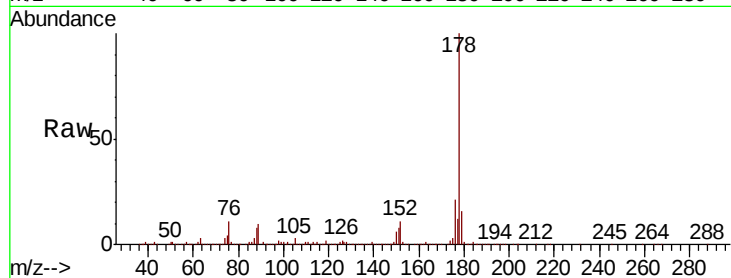
#71
Phenanthrene
Concen: 68.719 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	16.1	12.6	18.8

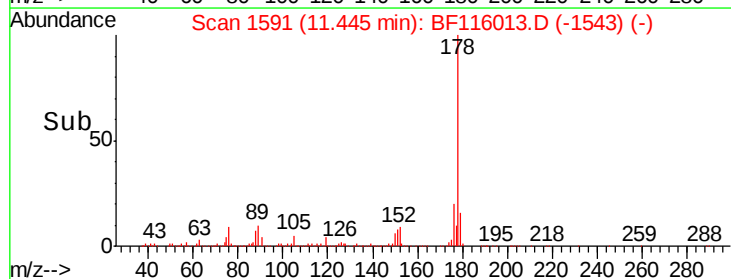
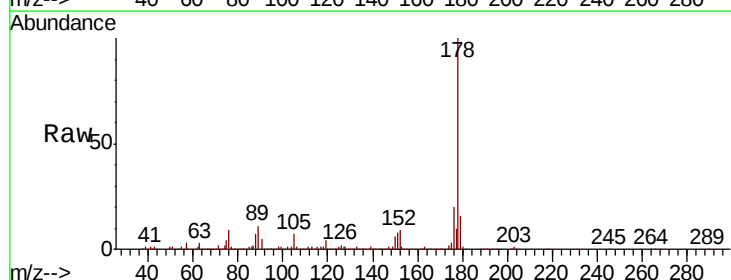
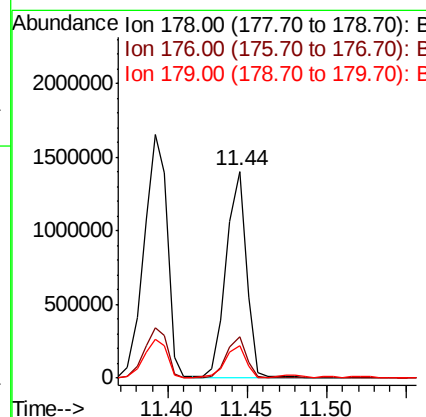
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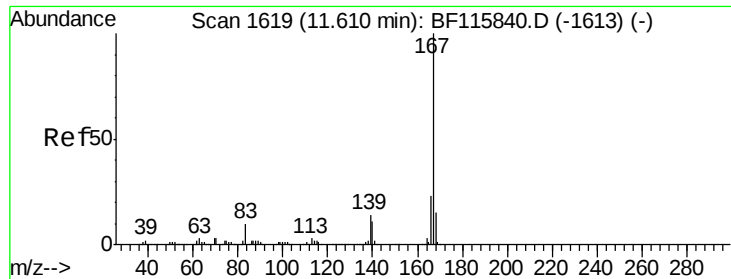
mohammad
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#72
Anthracene
Concen: 50.294 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.9	12.4	18.6





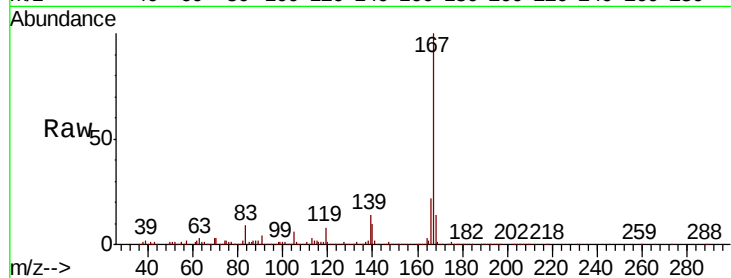
#73
 Carbazole
 Concen: 44.069 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	14.1	11.4	17.2

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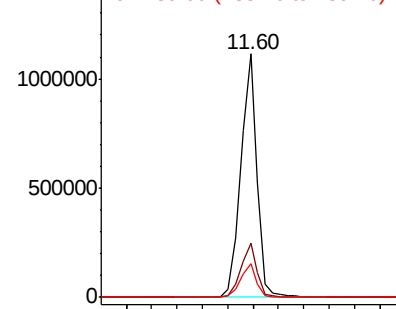


Abundance

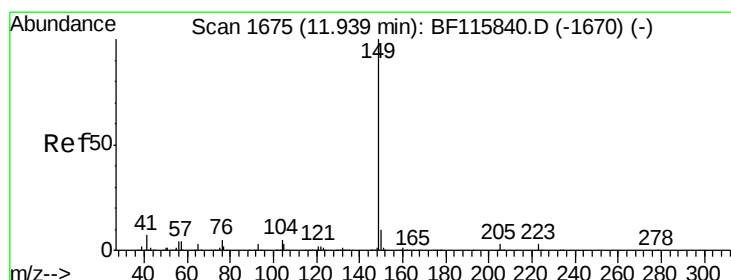
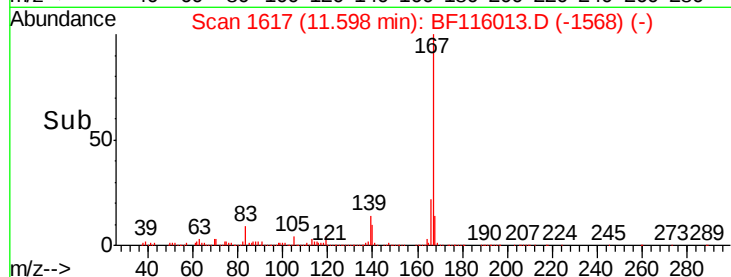
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

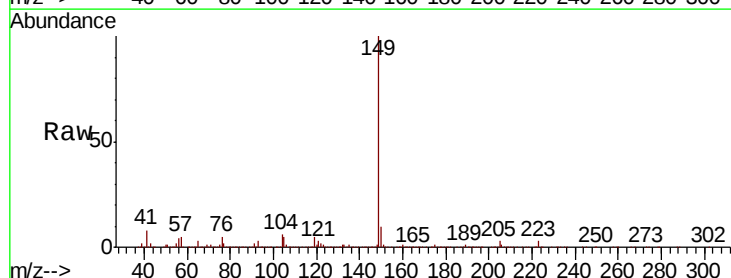


Time-->



#74
 Di-n-butylphthalate
 Concen: 46.065 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.3	6.5

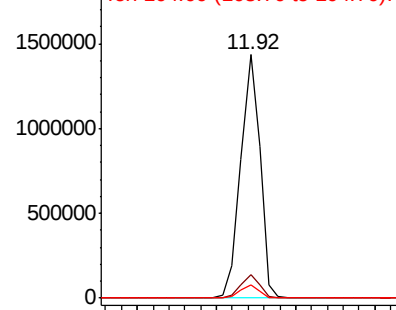


Abundance

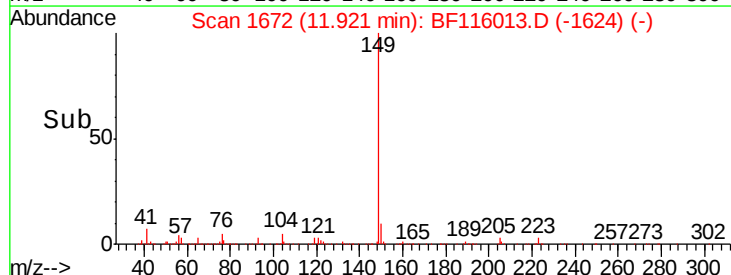
Ion 149.00 (148.70 to 149.70): E

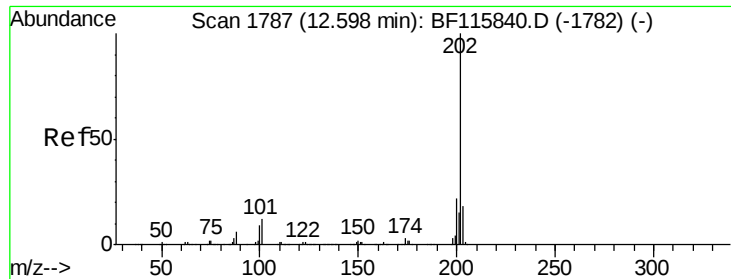
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 72.116 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

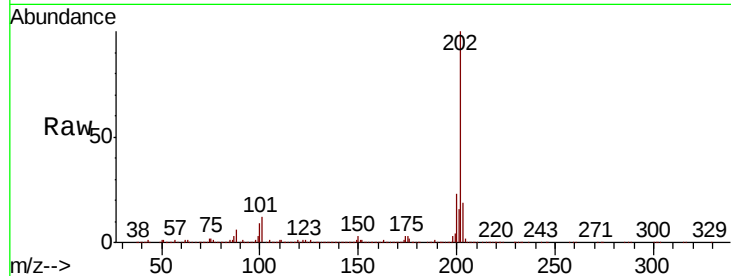
ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion:	202	Resp:	1859324
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
203	18.9	0.0	37.9

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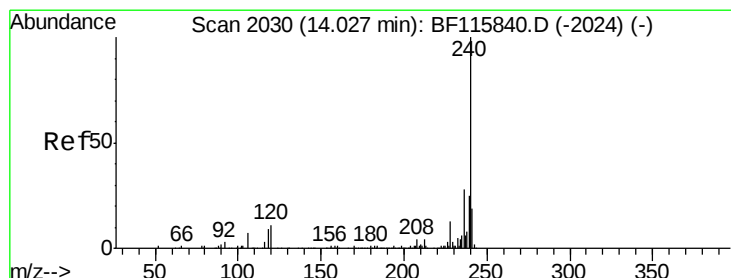
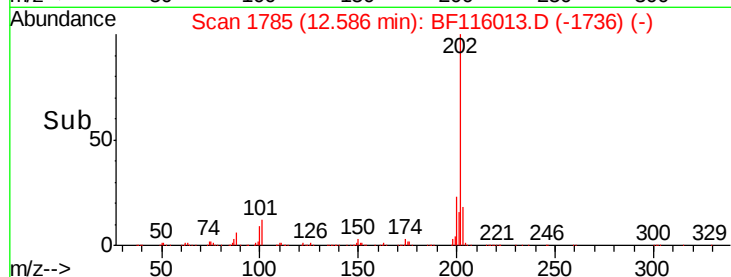
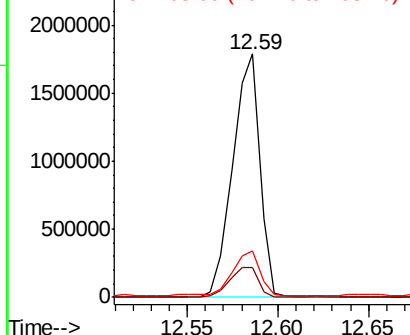


Abundance

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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

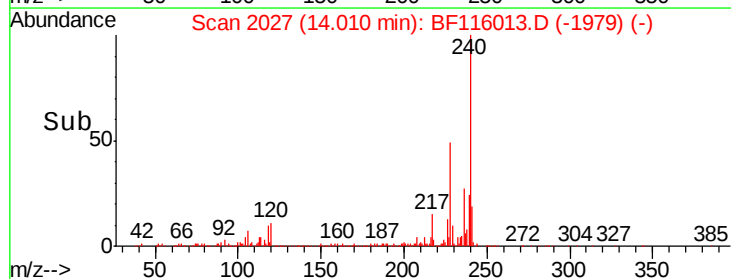
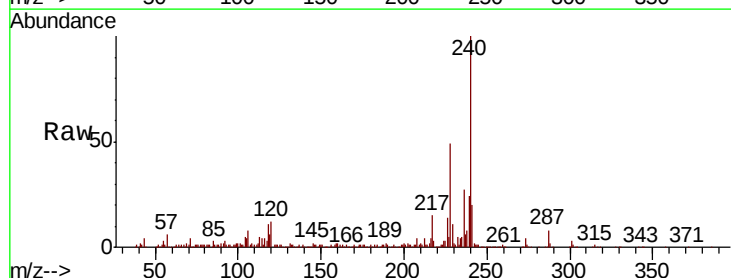
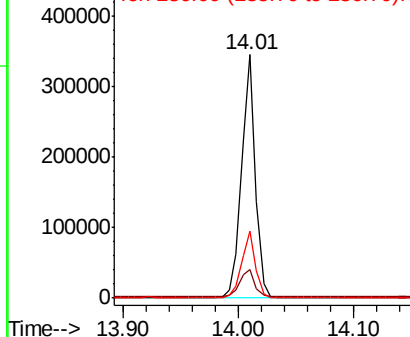
Tgt Ion:	240	Resp:	288026
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.5	12.7
236	27.5	22.2	33.2

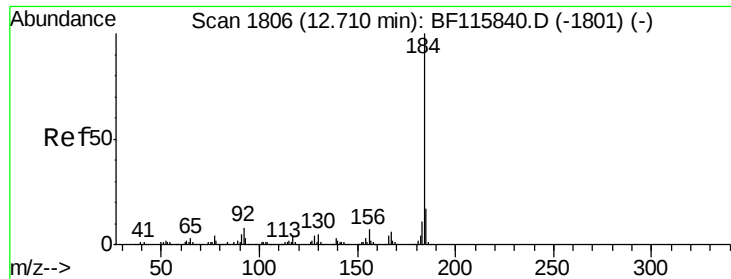
Abundance

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: 55.908 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

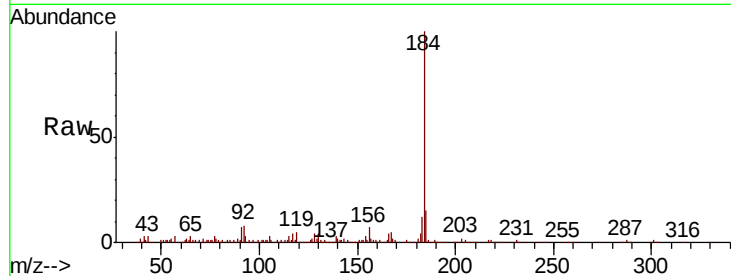
ClientSampleId :

1S-B1-B4-COMP-(30)MS

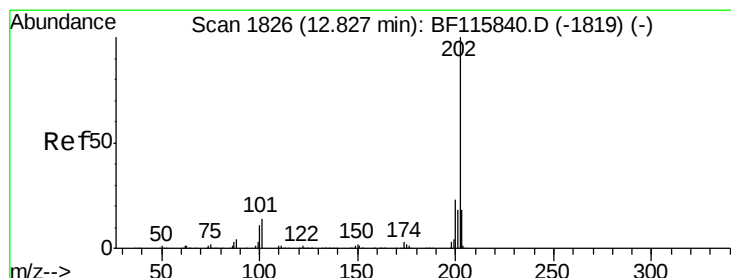
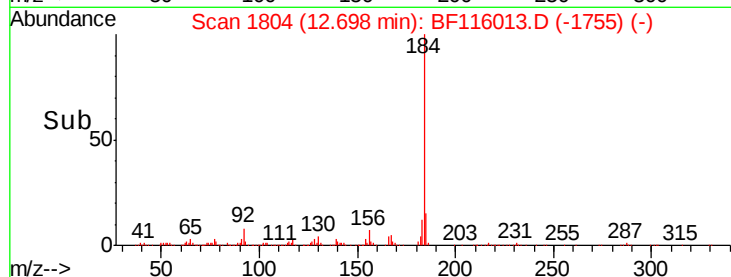
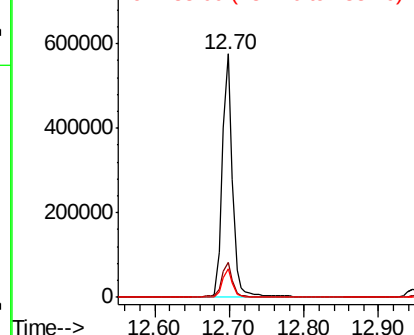
Tot Ion:184	Resp:	544022
Ion Ratio	Lower	Upper
184	100	
185	14.6	13.4 20.2
183	11.6	9.1 13.7

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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: 79.566 ng

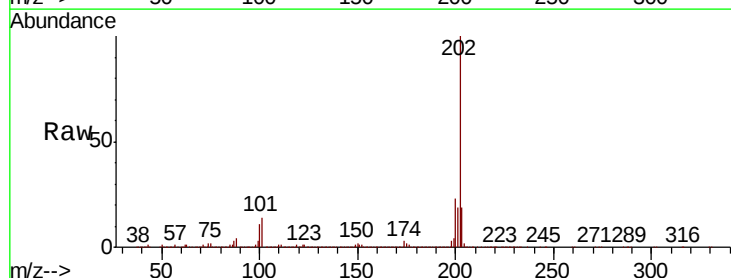
RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

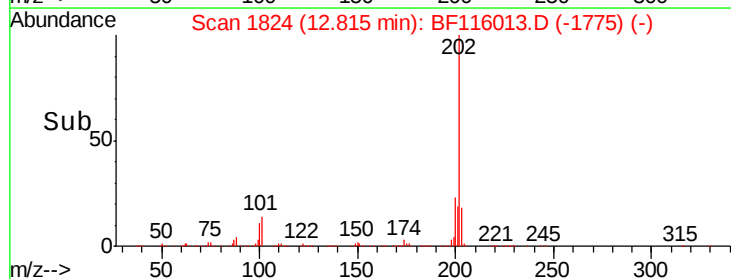
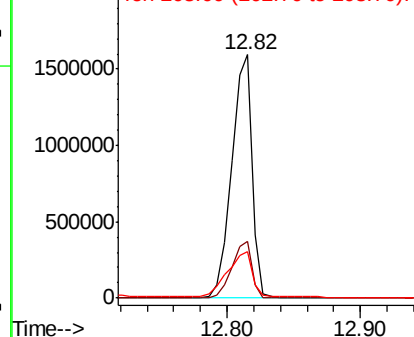
Lab File: BF116013.D

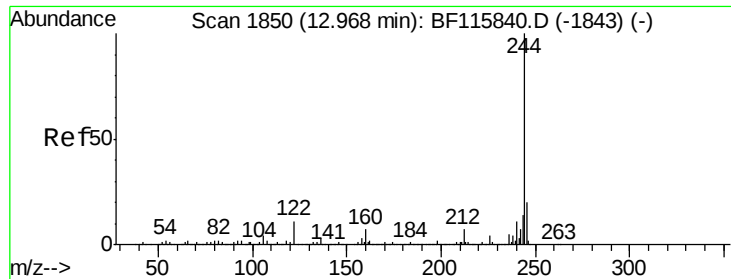
Acq: 6 Aug 2019 15:16

Tgt Ion:202	Resp:	1727522
Ion Ratio	Lower	Upper
202	100	
200	23.3	18.2 27.2
203	18.9	14.3 21.5



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





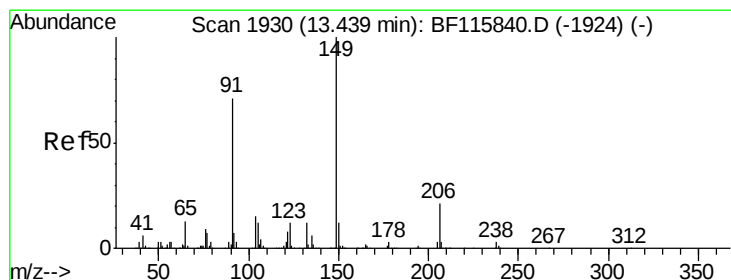
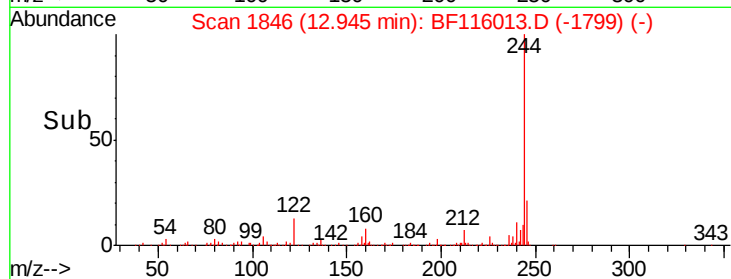
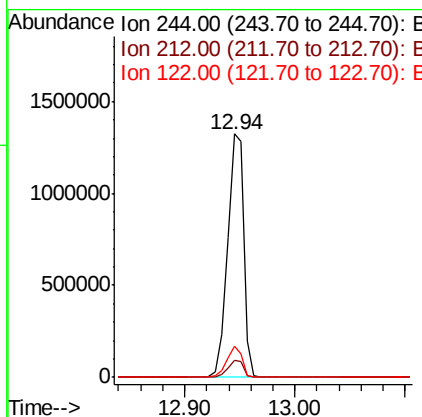
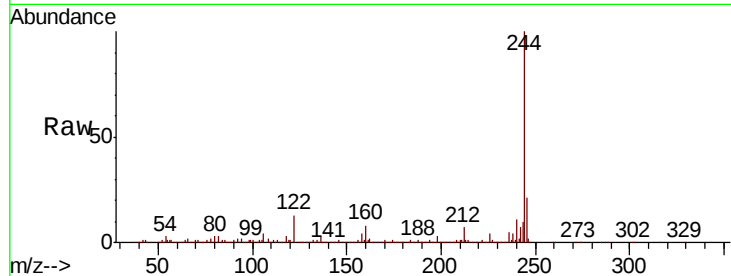
#79
 Terphenyl-d14
 Concen: 99.582 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.6	8.6	13.0

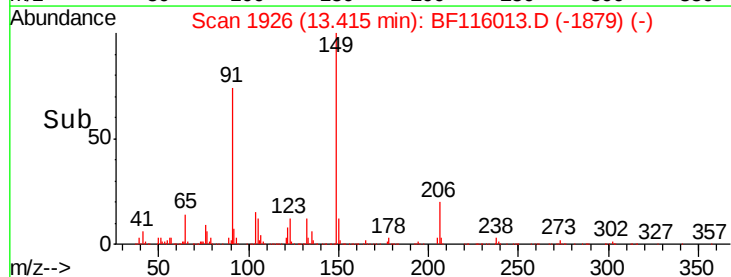
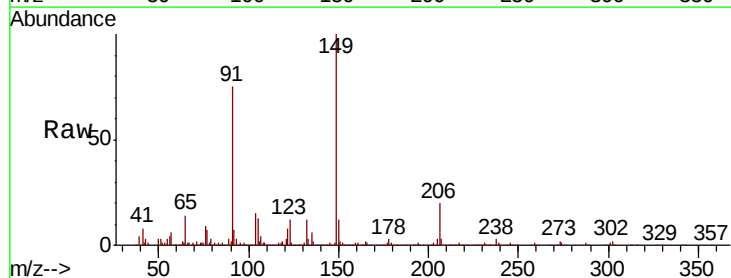
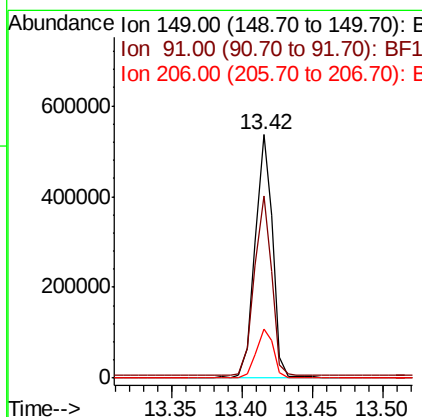
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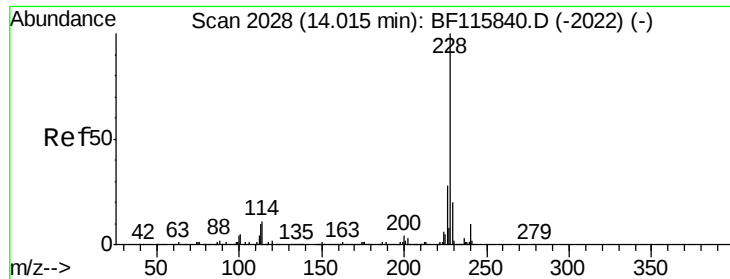
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#80
 Butylbenzylphthalate
 Concen: 50.510 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF116013.D
 Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	57.0	85.6
206	20.2	16.9	25.3





#81

Benzo(a)anthracene

Concen: 65.701 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

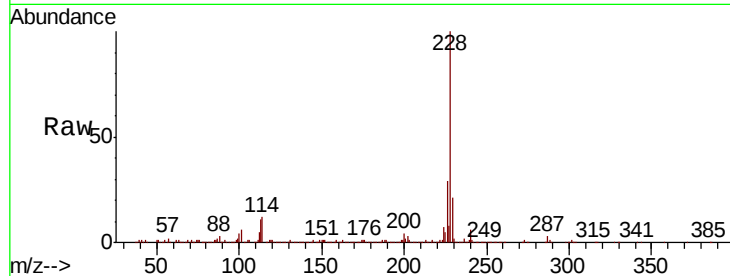
ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion:	228	Resp:	1209529
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.0	16.1	24.1

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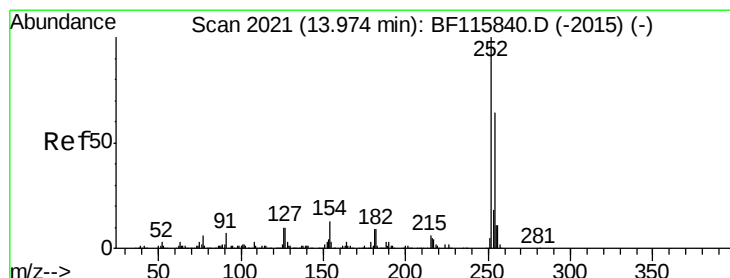
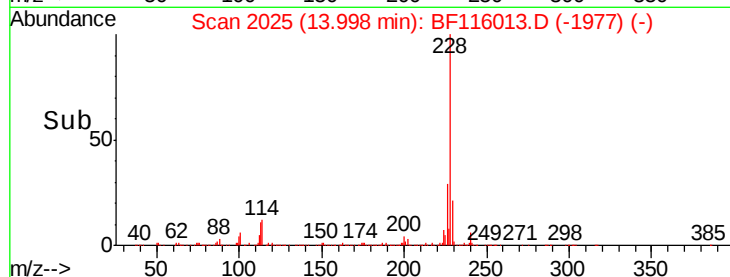
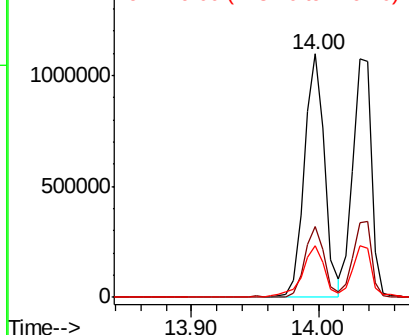


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.670 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

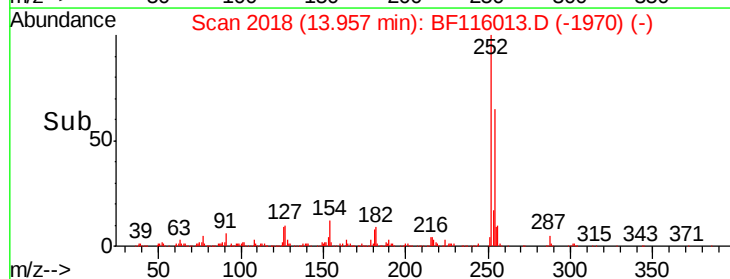
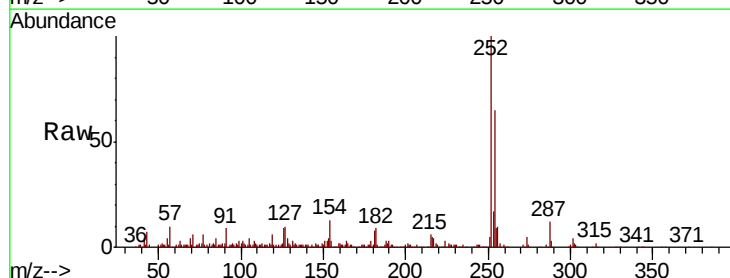
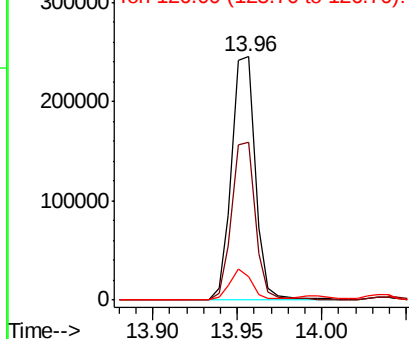
Tgt Ion:	252	Resp:	240932
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.2	76.8
126	9.4	8.1	12.1

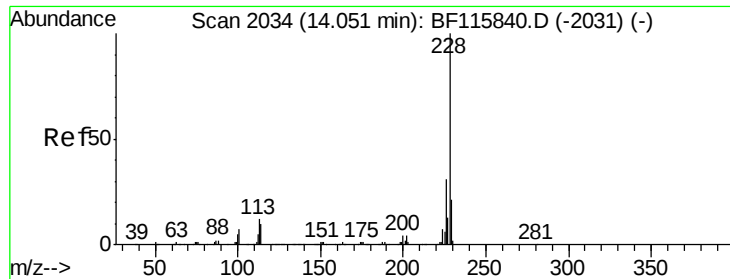
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





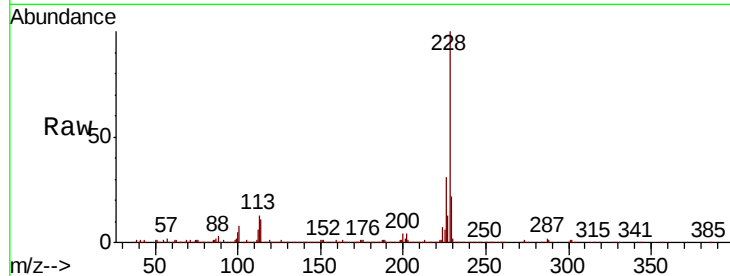
#83
Chrysene
Concen: 61.849 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

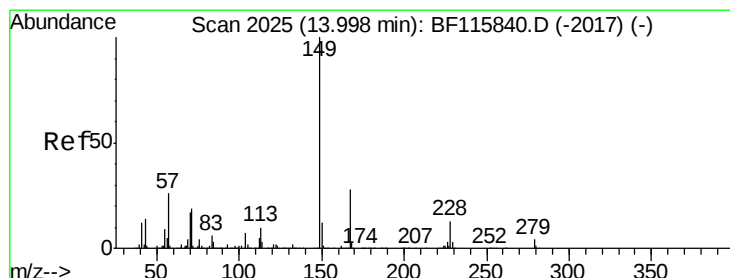
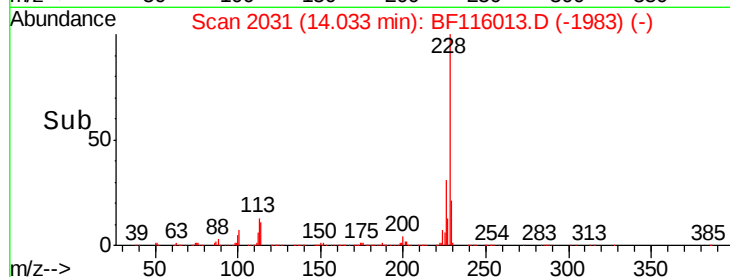
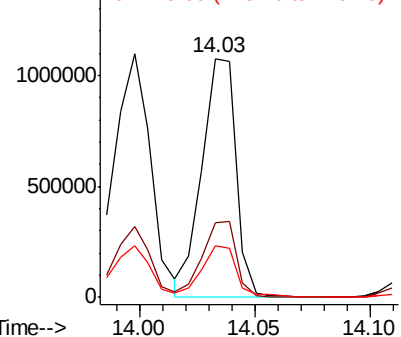
Tot Ion:228 Resp: 1105411
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 21.7 16.4 24.6

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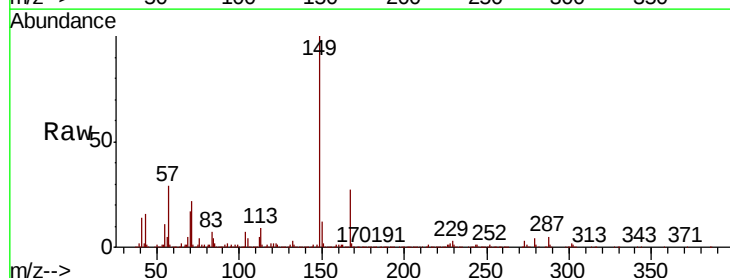


Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

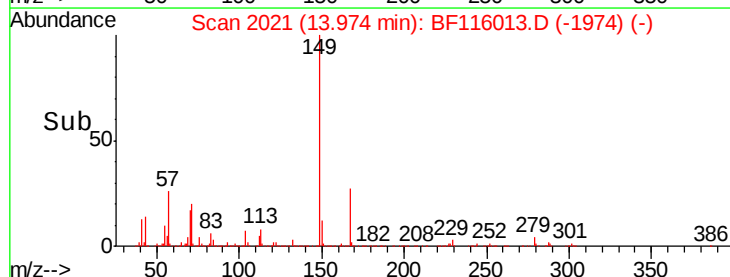
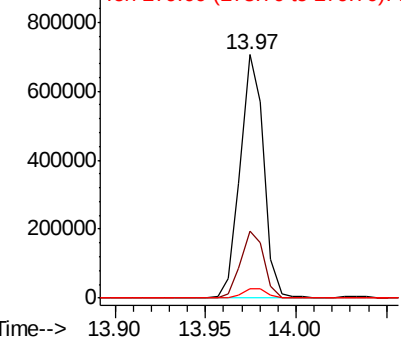


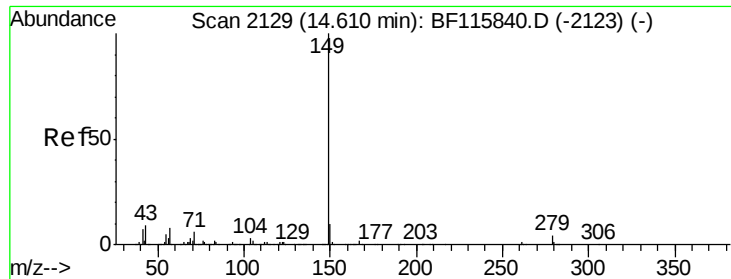
#84
Bis(2-ethylhexyl)phthalate
Concen: 53.052 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion:149 Resp: 633163
Ion Ratio Lower Upper
149 100
167 27.3 22.4 33.6
279 3.7 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.566 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

Instrument :

BNA_F

ClientSampleId :

1S-B1-B4-COMP-(30)MS

Tot Ion:149 Resp: 1034389

Ion Ratio Lower Upper

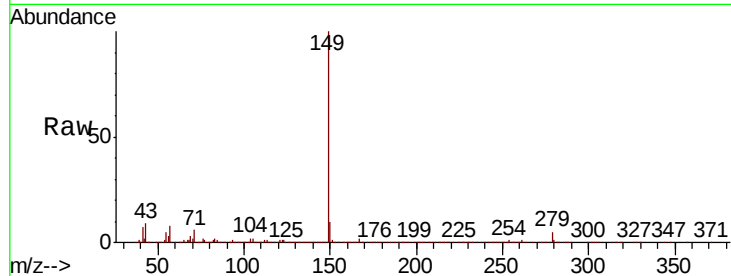
149 100

167 1.6 1.2 1.8

43 9.0 7.4 11.0

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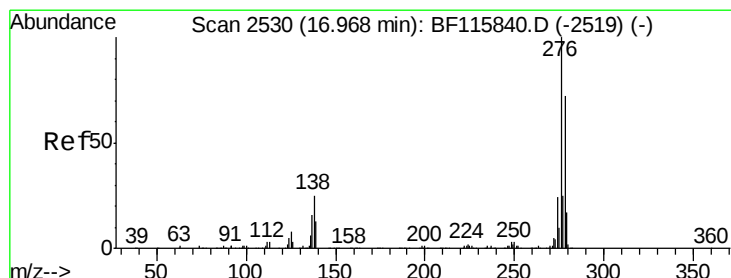
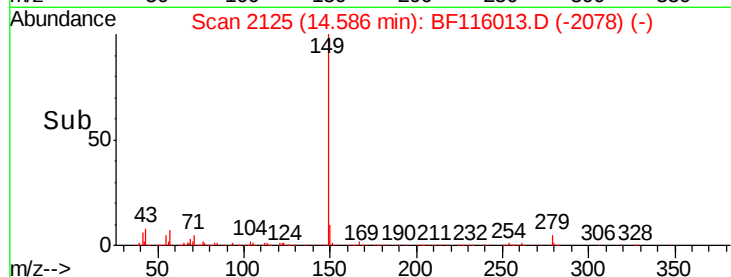
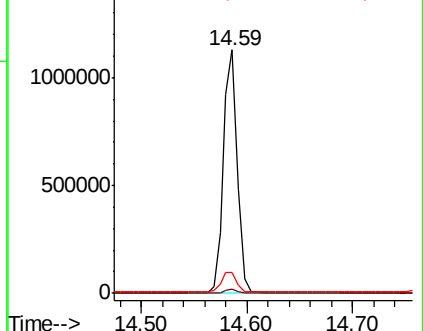
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 88.062 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF116013.D

Acq: 6 Aug 2019 15:16

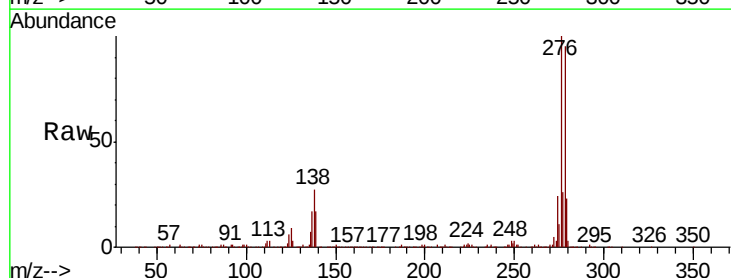
Tgt Ion:276 Resp: 1321931

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

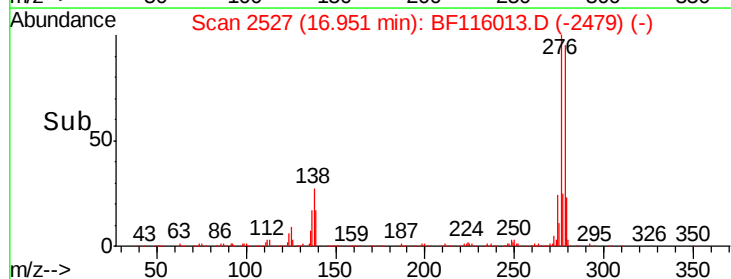
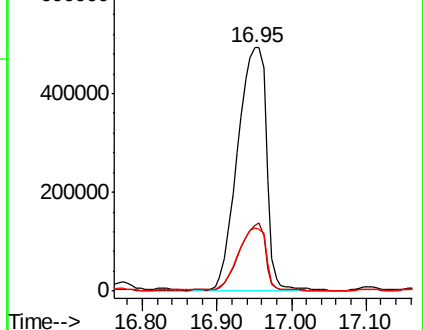
277 24.9 20.1 30.1

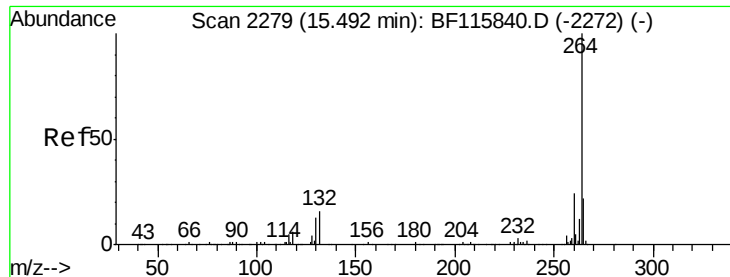


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





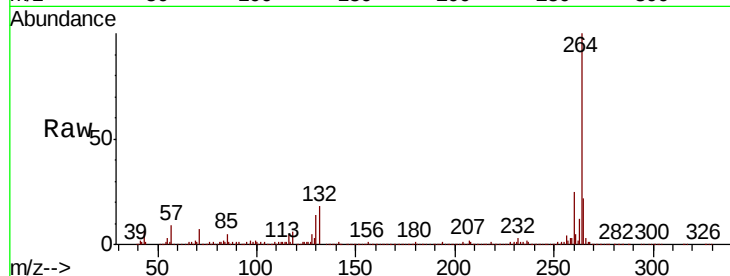
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.9	17.5	26.3

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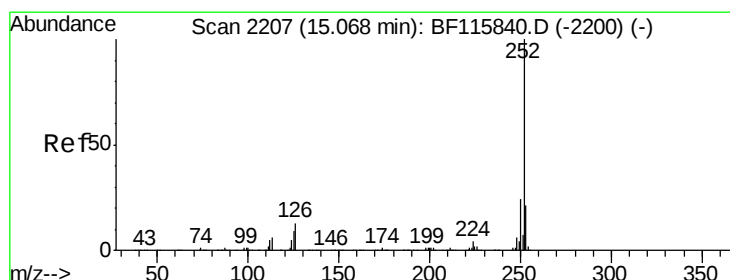
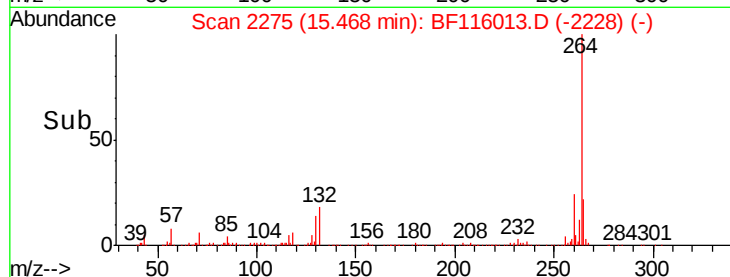
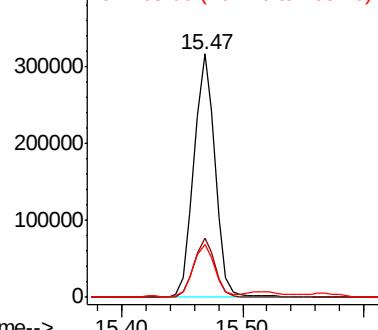


Abundance

Ion 264.00 (263.70 to 264.70): E

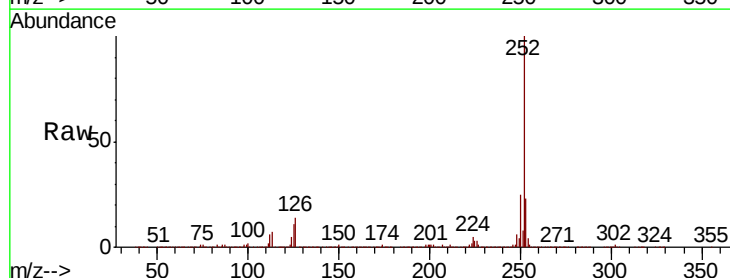
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 60.638 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.1	7.4	11.0

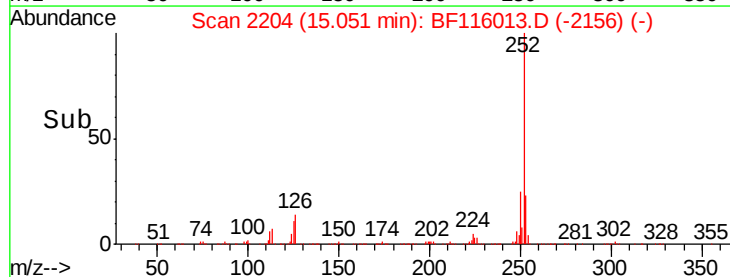
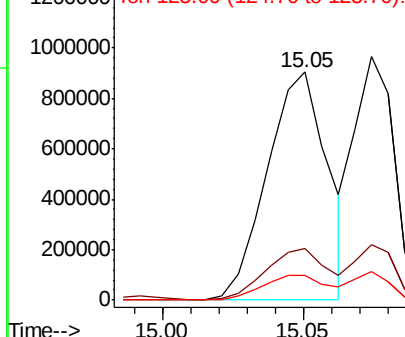


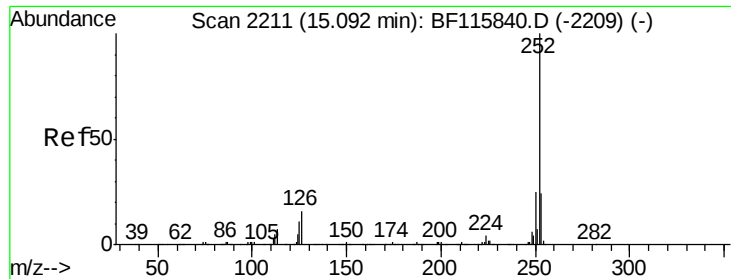
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





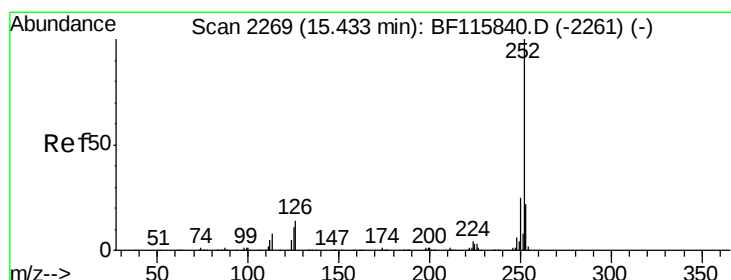
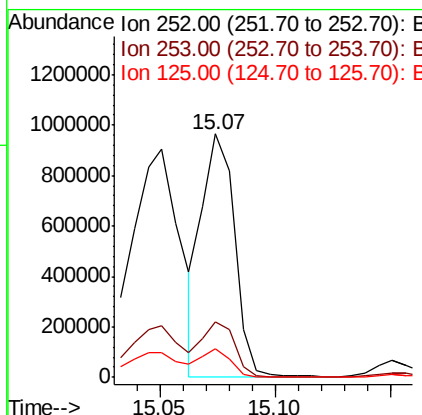
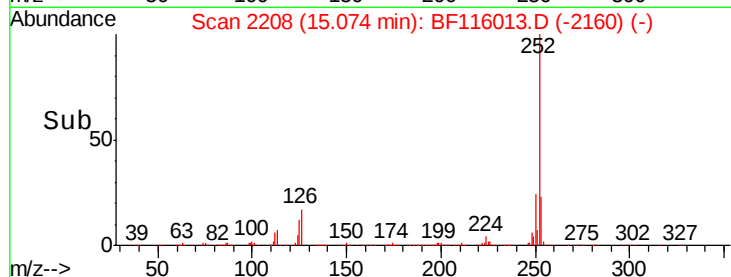
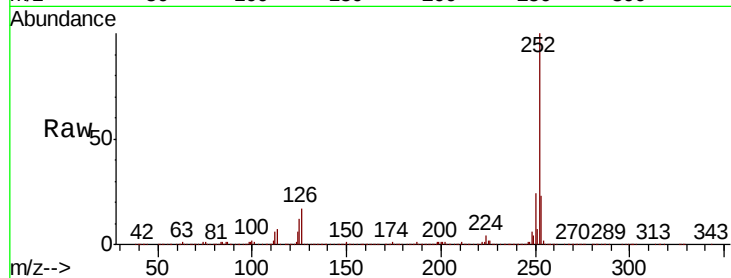
#89
Benzo(k)fluoranthene
Concen: 44.362 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.6	8.9	13.3

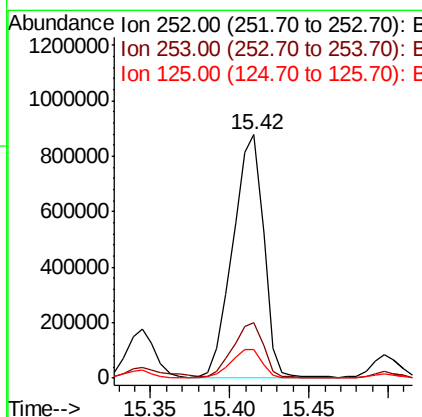
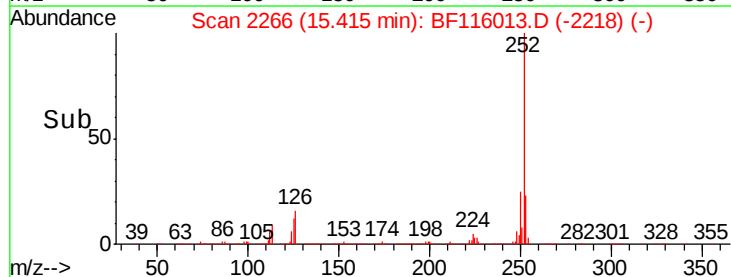
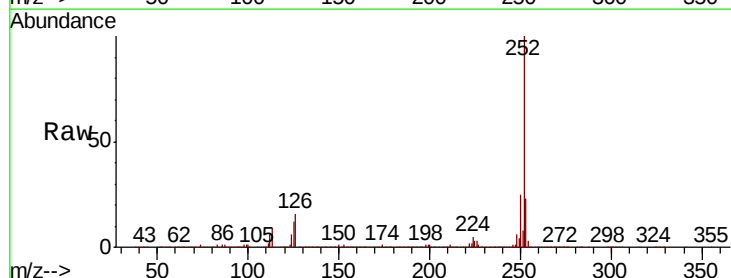
Manual Integrations
APPROVED

mohammad
8/7/2019 4:41:57 PM



#90
Benzo(a)pyrene
Concen: 59.943 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.9	8.8	13.2





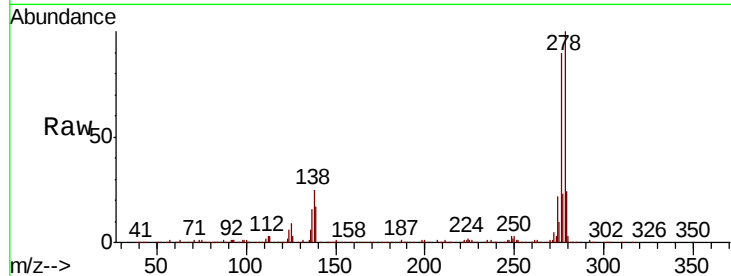
#91
Dibenzo(a,h)anthracene
Concen: 55.582 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Instrument :
BNA_F
ClientSampleId :
1S-B1-B4-COMP-(30)MS

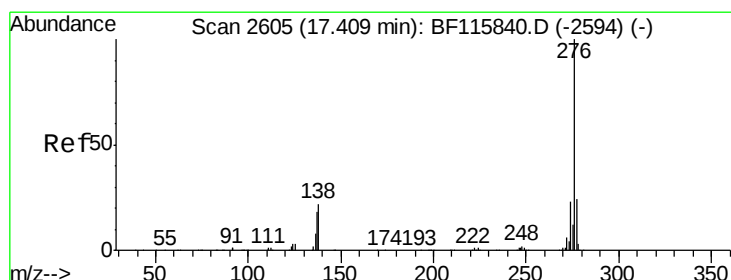
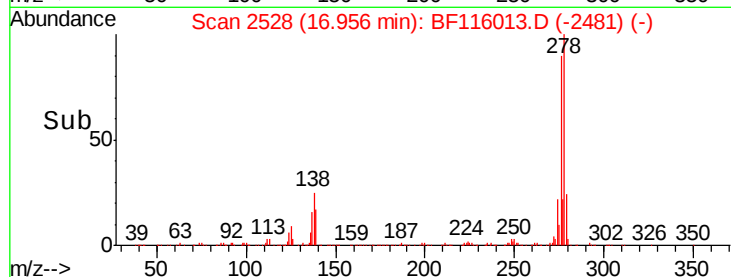
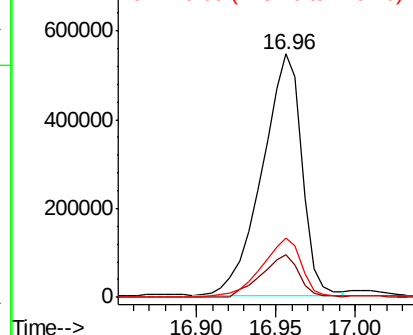
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.6	19.0
279	24.3	18.8	28.2

Manual Integrations
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8/7/2019 4:41:57 PM

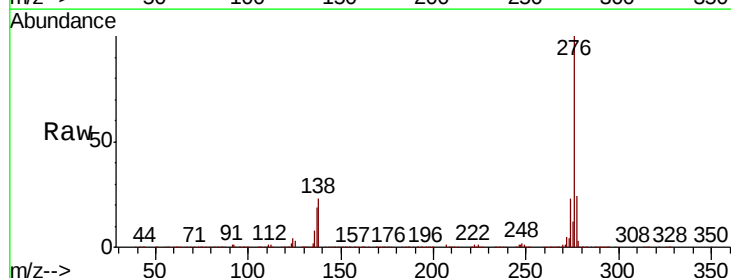


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 67.356 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF116013.D
Acq: 6 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	23.2	17.8	26.8



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

