

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115146.D
 Acq On : 24 Jun 2019 13:25
 Operator : HP/JU
 Sample : PB120851BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:25:07 AM

Quant Time: Jun 25 07:59:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	353797	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1392756	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	697914	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1335800	20.00	ng	0.00
76) Chrysene-d12	13.74	240	888865	20.00	ng	-0.01
87) Perylene-d12	15.09	264	913837	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2576958	112.40	ng	0.02
7) Phenol-d6	6.27	99	3167857	113.84	ng	0.01
23) Nitrobenzene-d5	7.18	82	1987597	87.79	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	902085	122.57	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3552003	86.45	ng	0.00
79) Terphenyl-d14	12.70	244	3708366	88.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	365598	33.789	ng	99
3) Pyridine	2.97	79	999440	32.772	ng	97
4) n-Nitrosodimethylamine	2.91	42	457121	38.235	ng	98
6) Aniline	6.28	93	979417	25.609	ng	# 1
8) 2-Chlorophenol	6.41	128	1051417	40.784	ng	97
9) Benzaldehyde	6.15	77	206267	11.362	ng	98
10) Phenol	6.28	94	1186009	36.385	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	955861	39.781	ng	98
12) 1,3-Dichlorobenzene	6.55	146	1102337	38.529	ng	99
13) 1,4-Dichlorobenzene	6.63	146	1123207	39.150	ng	98
14) 1,2-Dichlorobenzene	6.79	146	1030393	38.782	ng	98
15) Benzyl Alcohol	6.77	79	795313	39.249	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1401691	40.221	ng	98
17) 2-Methylphenol	6.88	107	888713	41.764	ng	97
18) Hexachloroethane	7.13	117	409880	39.628	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	699915	39.287	ng	99
20) 3+4-Methylphenols	7.04	107	987244	40.180	ng	# 89
22) Acetophenone	7.03	105	1400894	43.936	ng	# 99
24) Nitrobenzene	7.20	77	1077000	43.179	ng	96
25) Isophorone	7.44	82	2031178	43.794	ng	100
26) 2-Nitrophenol	7.51	139	609158	49.453	ng	98
27) 2,4-Dimethylphenol	7.57	122	986359	48.907	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	1260852	43.011	ng	98
29) 2,4-Dichlorophenol	7.75	162	936443	44.993	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	1002777	43.618	ng	99
31) Naphthalene	7.92	128	2923011	42.755	ng	99
32) Benzoic acid	7.71	122	806175	55.999	ng	98
33) 4-Chloroaniline	7.97	127	715086	22.886	ng	100
34) Hexachlorobutadiene	8.04	225	537669	42.677	ng	98
35) Caprolactam	8.35	113	335180m	47.900	ng	
36) 4-Chloro-3-methylphenol	8.46	107	933386	44.282	ng	97
37) 2-Methylnaphthalene	8.61	142	2030833	44.056	ng	98
38) 1-Methylnaphthalene	8.71	142	1927615	43.784	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	845115	42.852	ng	99

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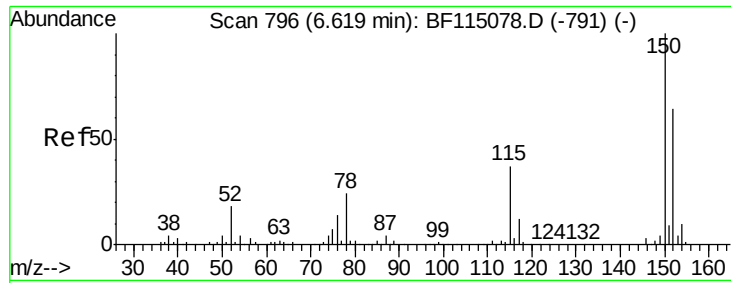
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	917480	78.455	nq	100
43) 2,4,6-Trichlorophenol	8.89	196	683768	44.908	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	716688	45.708	nq	99
46) 1,1'-Biphenyl	9.07	154	2323566	41.609	nq	98
47) 2-Chloronaphthalene	9.10	162	1885581	41.627	nq	97
48) 2-Nitroaniline	9.19	65	572036	43.316	nq	92
49) Acenaphthylene	9.51	152	2866170	40.612	nq	97
50) Dimethylphthalate	9.38	163	2170051	42.262	nq	99
51) 2,6-Dinitrotoluene	9.44	165	533559	45.009	nq	92
52) Acenaphthene	9.68	154	1766656	40.004	nq	99
53) 3-Nitroaniline	9.60	138	390139	26.969	nq	99
54) 2,4-Dinitrophenol	9.71	184	565141	91.486	nq	99
55) Dibenzofuran	9.85	168	2519792	39.754	nq	96
56) 4-Nitrophenol	9.77	139	956007	82.431	nq	95
57) 2,4-Dinitrotoluene	9.84	165	690195	45.092	nq	93
58) Fluorene	10.19	166	1720727	40.050	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	606469	46.127	nq	98
60) Diethylphthalate	10.08	149	2126267	41.195	nq	98
61) 4-Chlorophenyl-phenylether	10.18	204	838222	41.226	nq	96
62) 4-Nitroaniline	10.21	138	595506	41.034	nq	97
63) Azobenzene	10.35	77	1959918	40.654	nq	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	341732	48.072	nq	89
66) n-Nitrosodiphenylamine	10.31	169	1799366	43.237	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	634768	43.829	nq	97
68) Hexachlorobenzene	10.74	284	682747	43.431	nq	98
69) Atrazine	10.84	200	588389	43.951	nq	99
70) Pentachlorophenol	10.93	266	816107	81.489	nq	97
71) Phenanthrene	11.14	178	2802022	38.959	nq	98
72) Anthracene	11.20	178	2934274	40.417	nq	97
73) Carbazole	11.35	167	2658003	41.000	nq	98
74) Di-n-butylphthalate	11.70	149	3092174	41.277	nq	97
75) Fluoranthene	12.32	202	2970479	41.395	nq	99
77) Benzidine	12.44	184	980736	24.848	nq	99
78) Pyrene	12.54	202	3000307	43.922	nq	97
80) Butylbenzylphthalate	13.18	149	1463452	48.546	nq	98
81) Benzo(a)anthracene	13.72	228	2789240	43.733	nq	98
82) 3,3'-Dichlorobenzidine	13.69	252	891301	38.699	nq	98
83) Chrysene	13.77	228	2613204	44.729	nq	97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1852039	46.886	nq	# 98
85) Di-n-octyl phthalate	14.35	149	3134961	47.236	nq	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2746070	39.722	nq	99
88) Benzo(b)fluoranthene	14.73	252	3058220	53.633	nq	99
89) Benzo(k)fluoranthene	14.76	252	2369807	46.344	nq	97
90) Benzo(a)pyrene	15.05	252	2608199	50.749	nq	99
91) Dibenzo(a,h)anthracene	16.39	278	2262397	47.154	nq	100
92) Benzo(g,h,i)perylene	16.76	276	2276170	46.873	nq	98

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



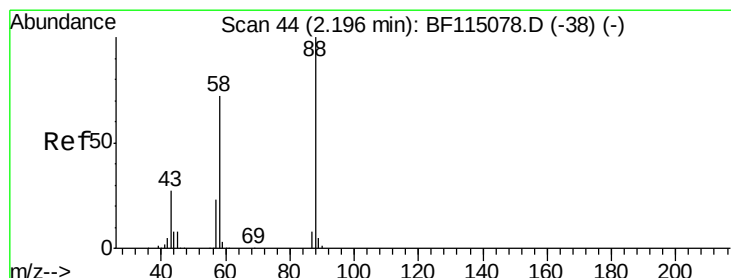
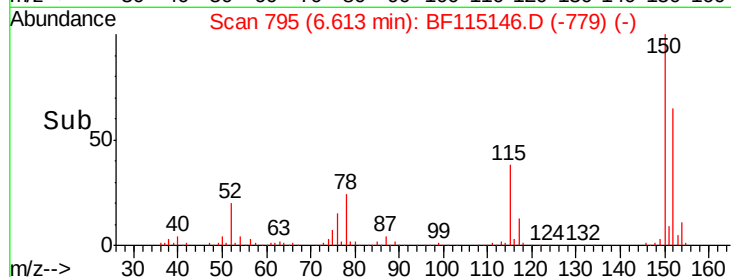
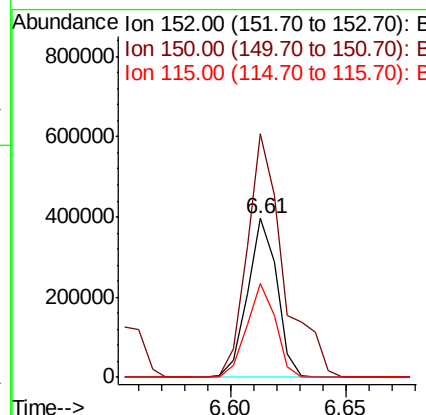
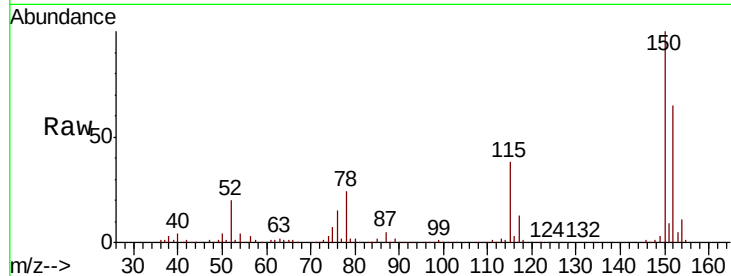
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.2	186.2
115	58.9	46.1	69.1

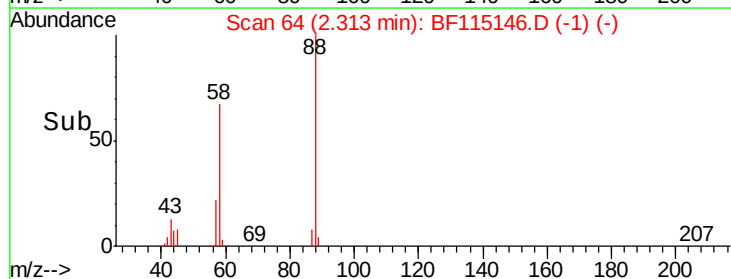
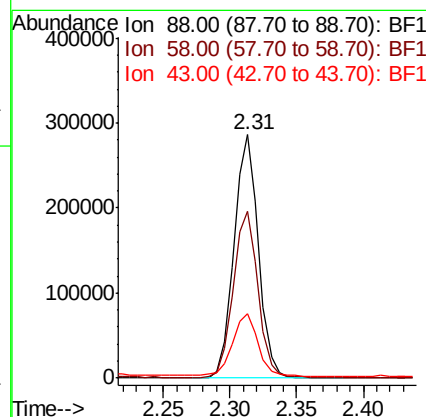
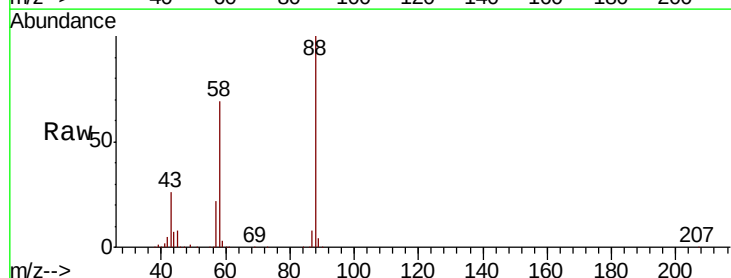
Manual Integrations
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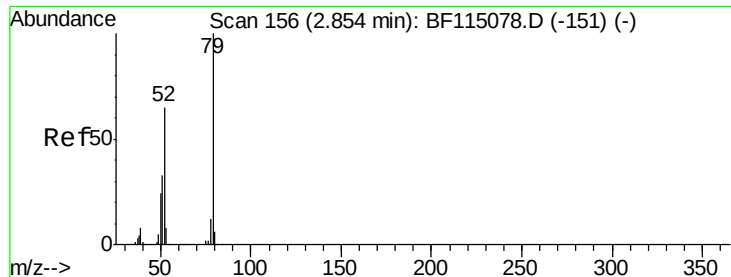
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#2
1,4-Dioxane
Concen: 33.789 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.12 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	56.1	84.1
43	27.4	21.3	31.9





#3

Pvridine

Concen: 32.772 ng

RT: 2.97 min Scan# 175

Delta R.T. 0.11 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

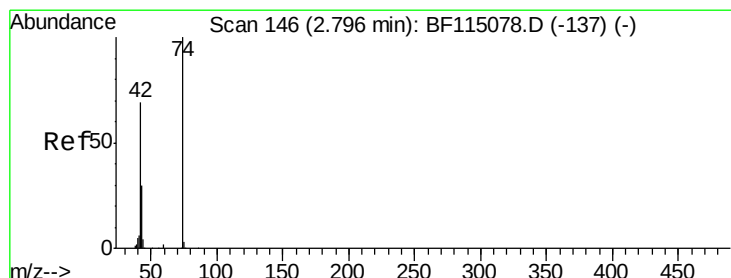
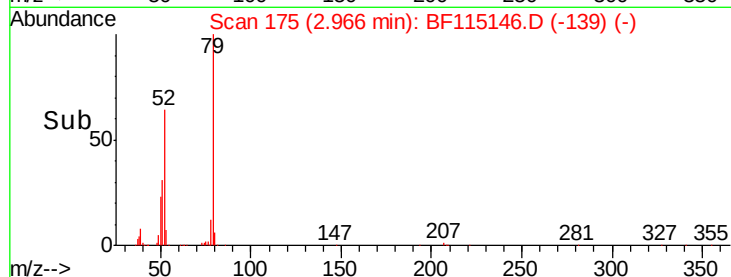
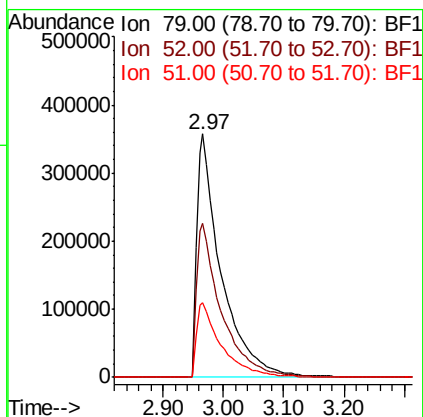
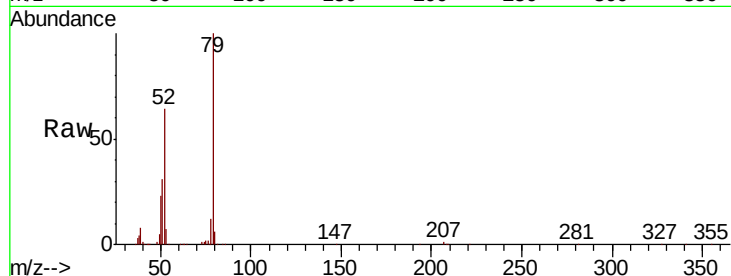
ClientSampleId :

PB120851BS

Tot Ion:	79	Resp:	999440
Ion Ratio	Lower	Upper	
79	100		
52	63.5	52.3	78.5
51	30.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 38.235 ng

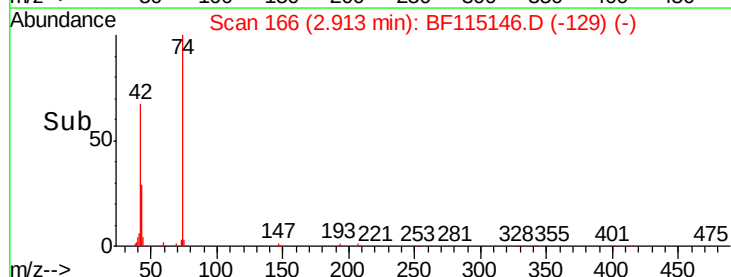
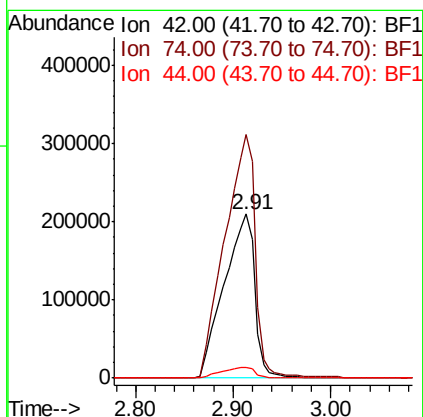
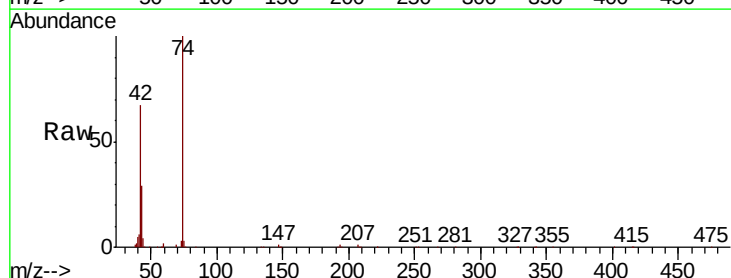
RT: 2.91 min Scan# 166

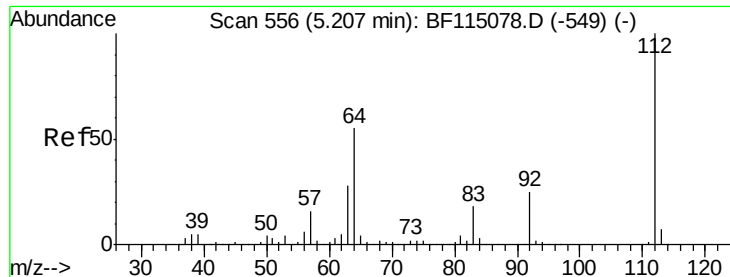
Delta R.T. 0.12 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:	42	Resp:	457121
Ion Ratio	Lower	Upper	
42	100		
74	148.4	116.6	175.0
44	6.4	5.3	7.9





#5

2-Fluorophenol

Concen: 112.400 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampled :

PB120851BS

Tot Ion:112 Resp: 2576958

Ion Ratio Lower Upper

112 100

64 55.8 43.8 65.6

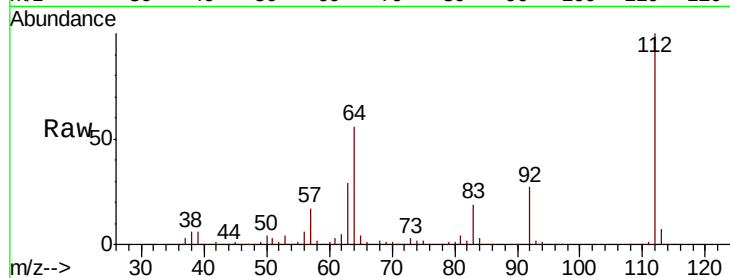
63 29.1 22.2 33.4

Manual Integrations

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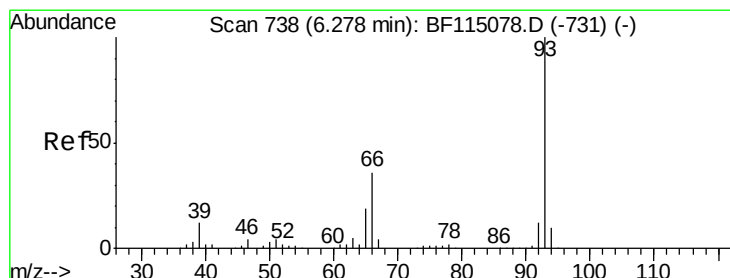
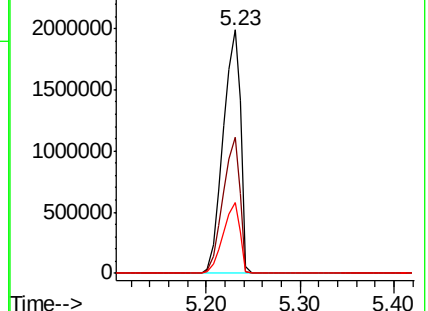
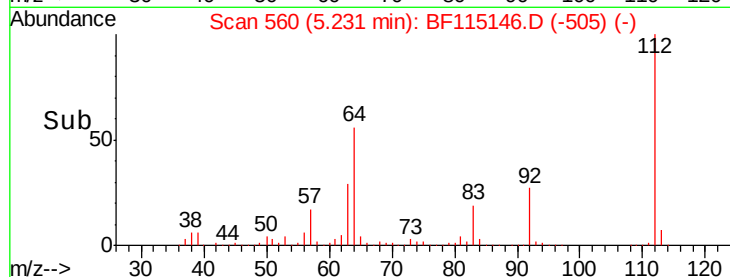
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.609 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

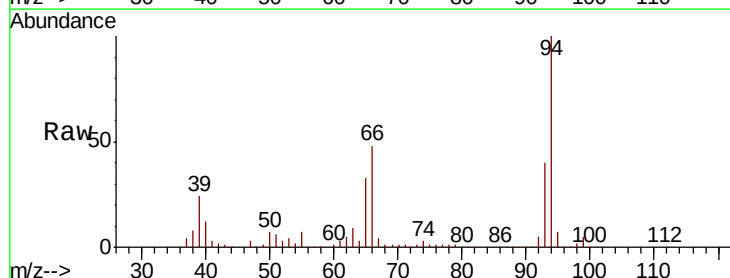
Tgt Ion: 93 Resp: 979417

Ion Ratio Lower Upper

93 100

66 118.7 30.0 45.0#

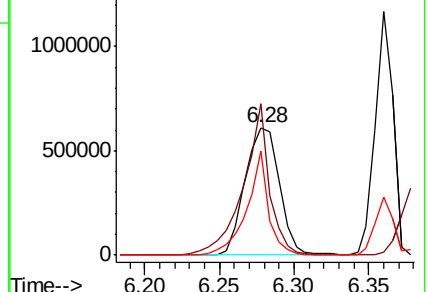
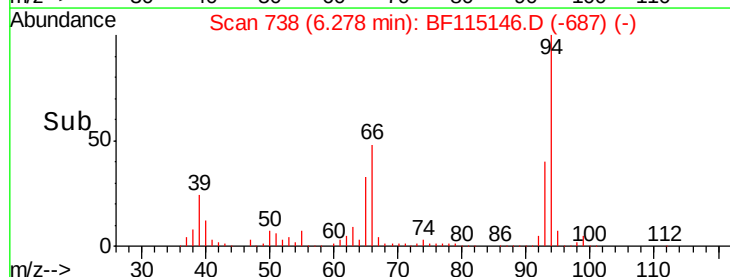
65 81.6 15.6 23.4#

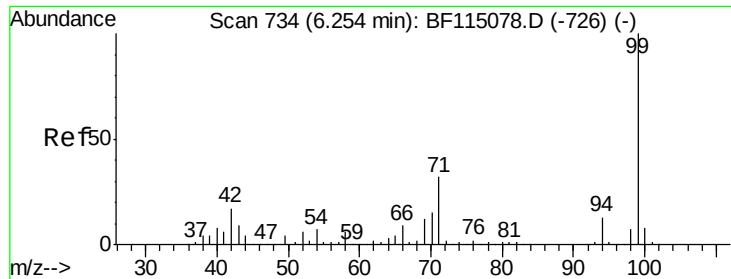


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.840 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion: 99 Resp: 3167857

Ion Ratio Lower Upper

99 100

42 18.0 13.6 20.4

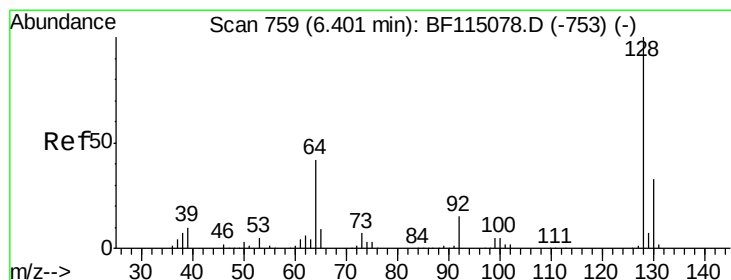
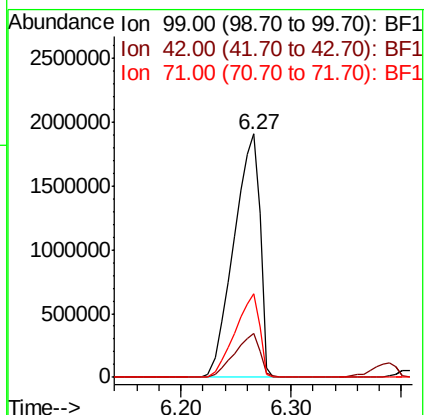
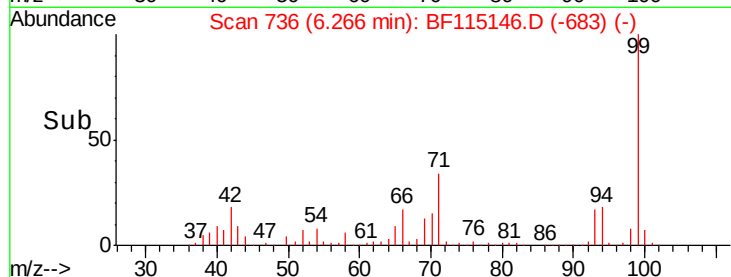
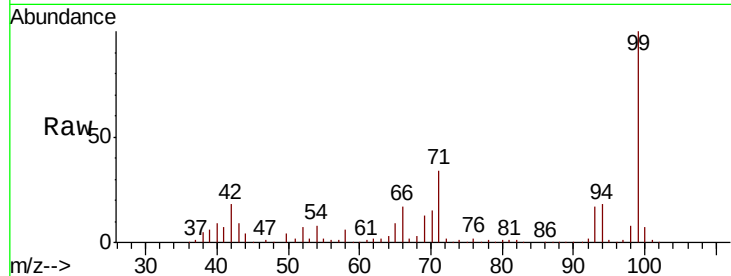
71 34.4 25.5 38.3

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#8

2-Chlorophenol

Concen: 40.784 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

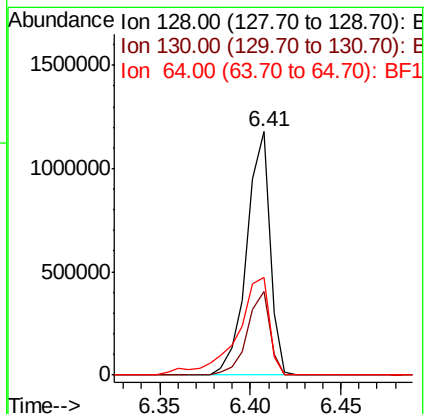
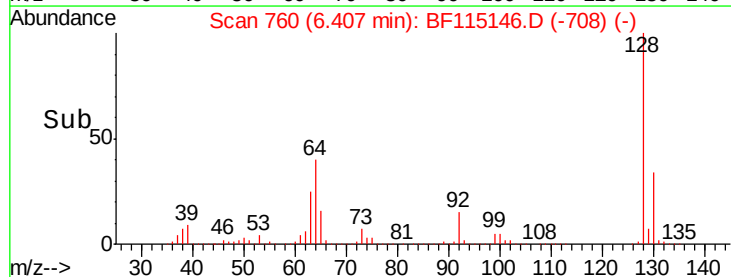
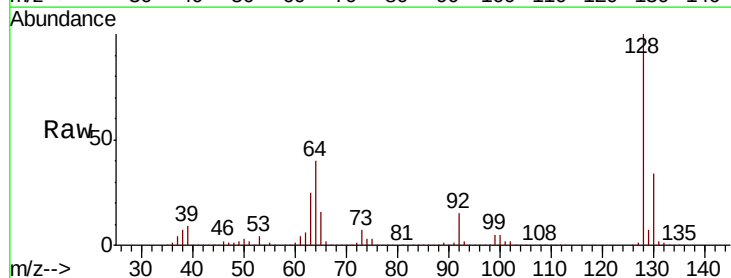
Tgt Ion: 128 Resp: 1051417

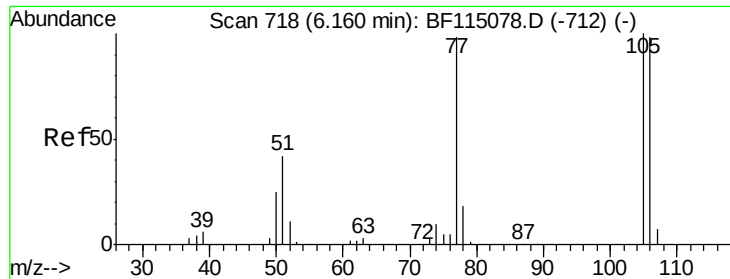
Ion Ratio Lower Upper

128 100

130 34.2 12.9 52.9

64 40.3 22.9 62.9





#9

Benzaldehyde

Concen: 11.362 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

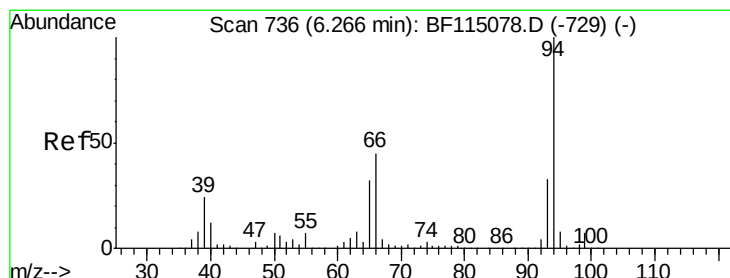
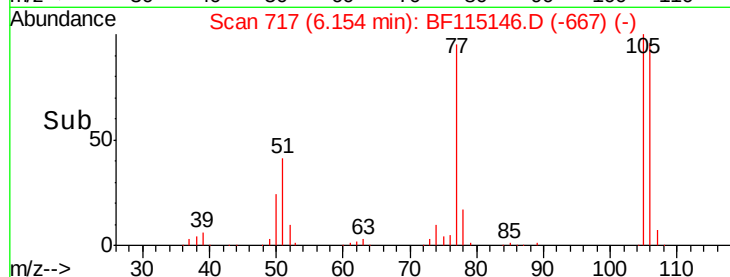
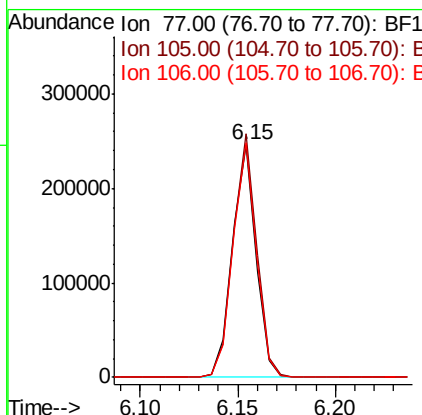
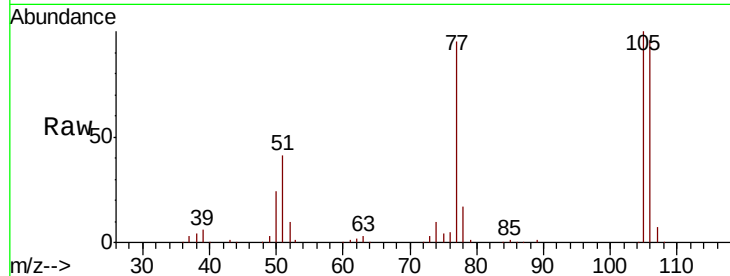
ClientSampleId :

PB120851BS

Tot Ion:	77	Resp:	206267
Ion	Ratio	Lower	Upper
77	100		
105	104.9	81.5	121.5
106	100.9	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 36.385 ng

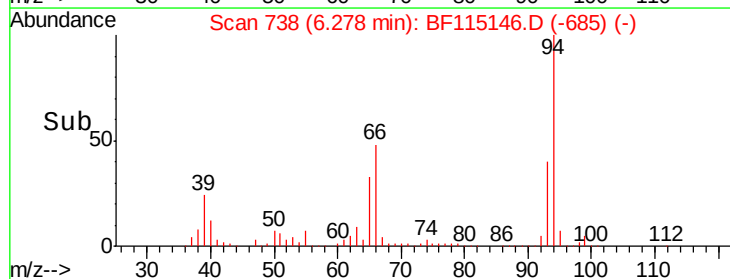
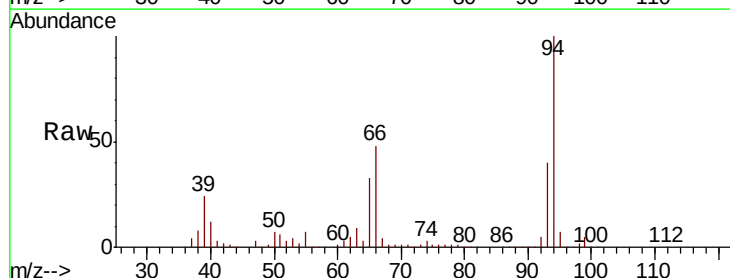
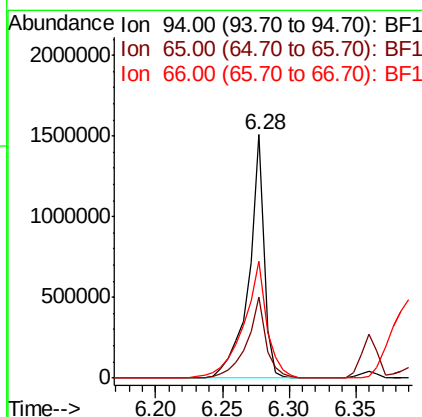
RT: 6.28 min Scan# 738

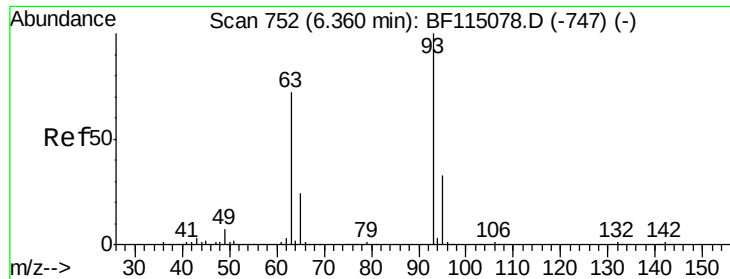
Delta R.T. 0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:	94	Resp:	1186009
Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.9	51.9
66	48.1	25.2	65.2





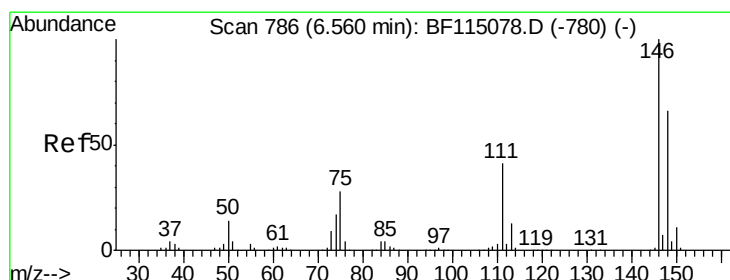
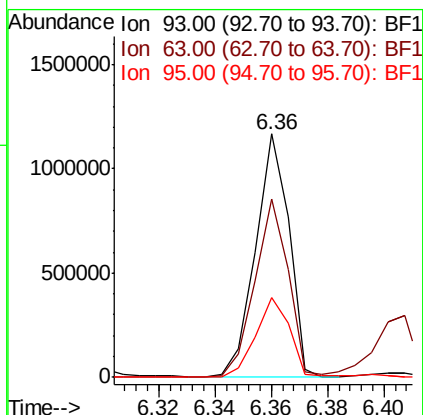
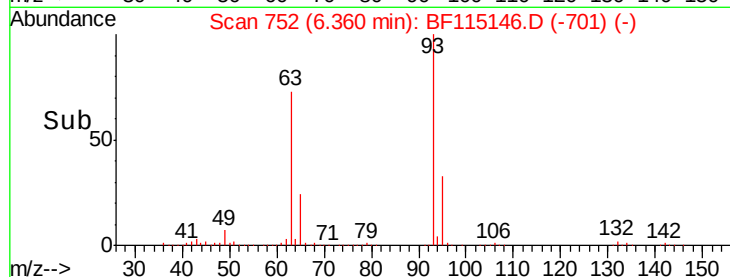
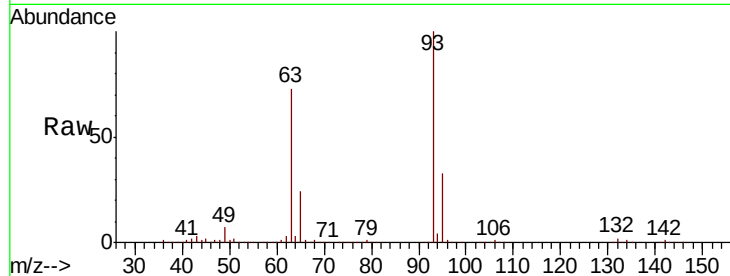
#11
bis(2-Chloroethyl)ether
Concen: 39.781 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	73.2	51.5	91.5
95	33.0	13.4	53.4

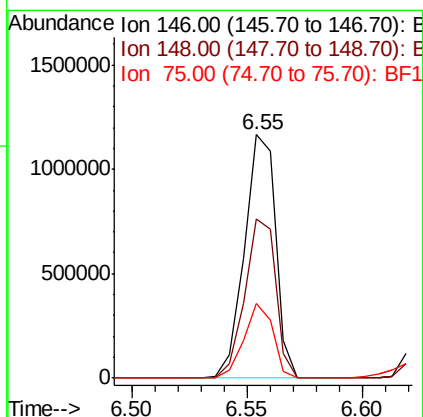
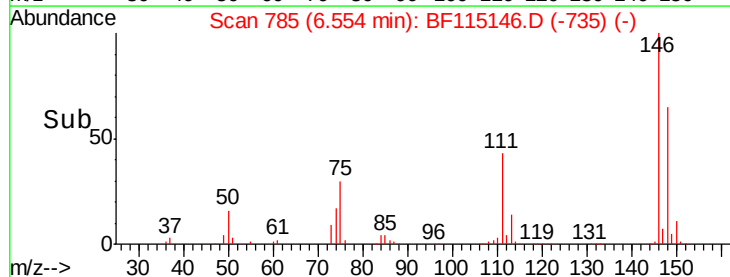
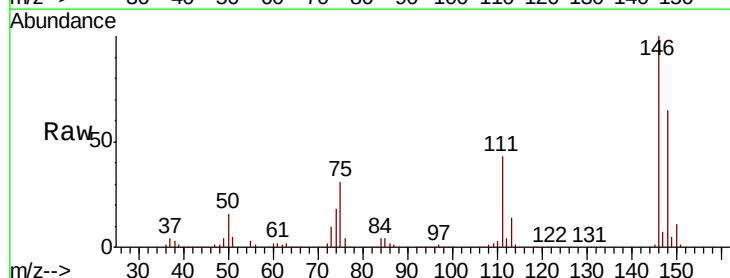
Manual Integrations
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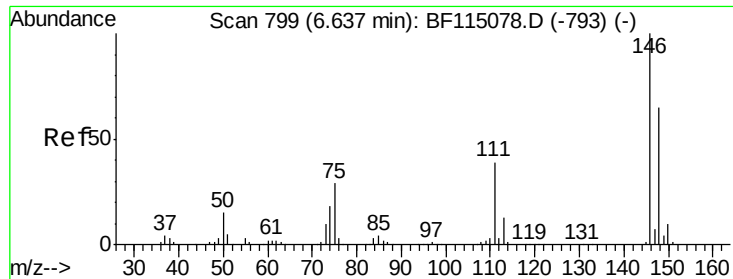
mohammad
6/28/2019 8:25:07 AM



#12
1,3-Dichlorobenzene
Concen: 38.529 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.5	52.6	78.8
75	30.5	22.6	34.0





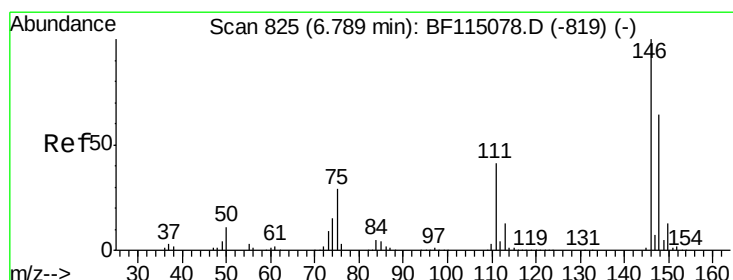
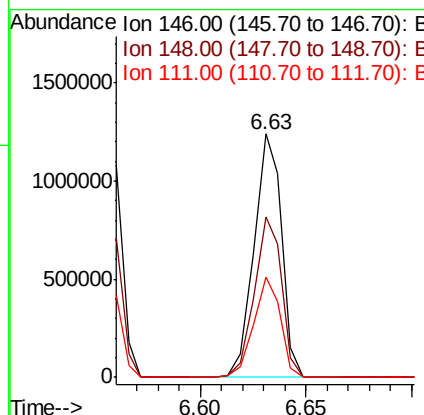
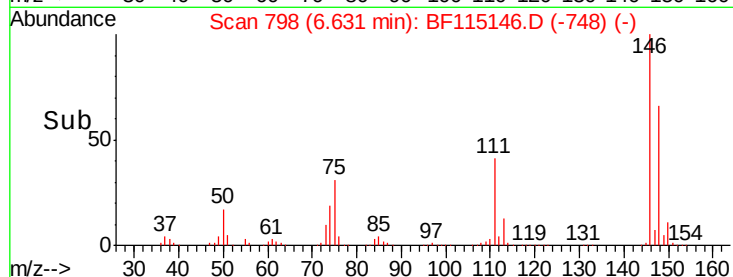
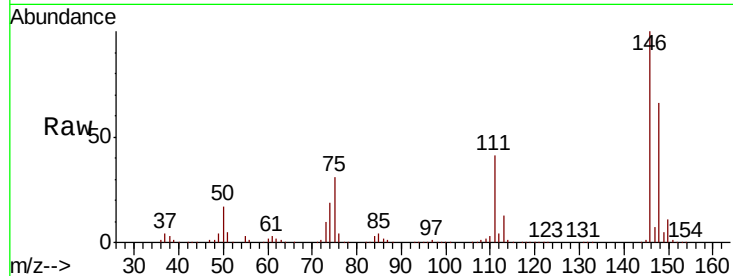
#13
 1,4-Dichlorobenzene
 Concen: 39.150 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:146 Resp: 1123207
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.9 77.9
 111 41.2 31.4 47.0

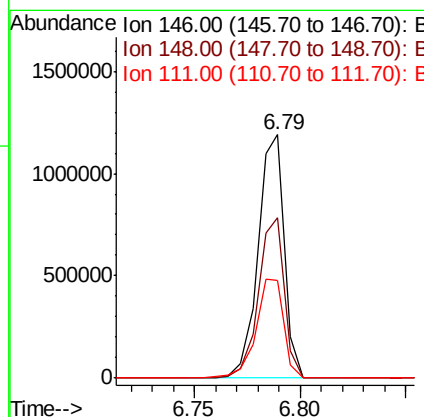
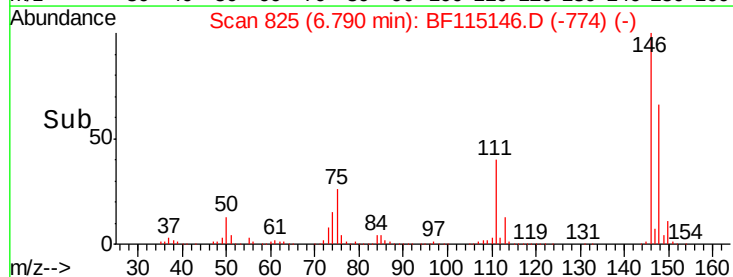
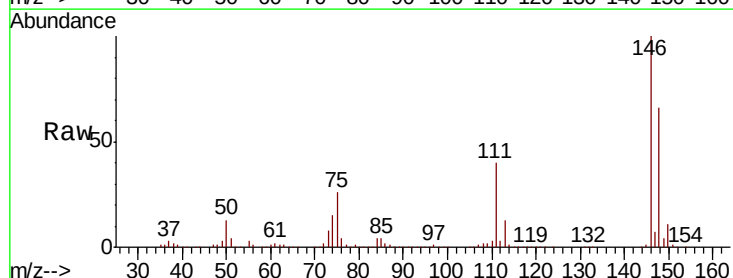
Manual Integrations
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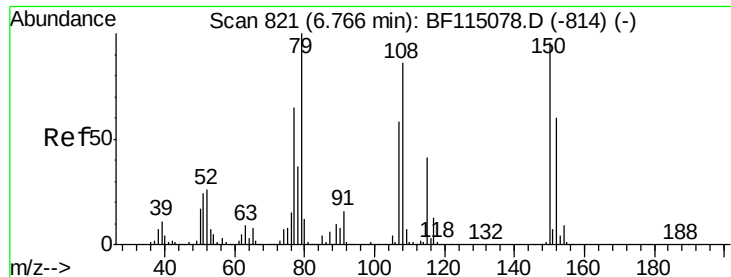
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.782 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:146 Resp: 1030393
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.1 76.7
 111 40.3 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.249 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

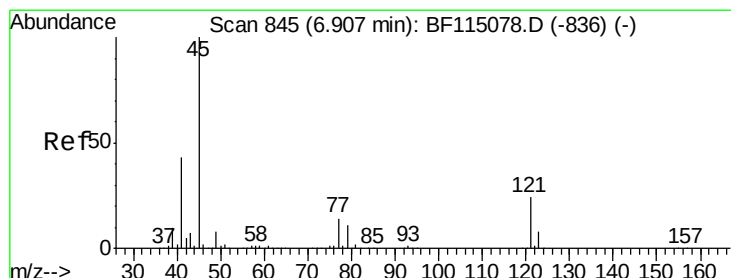
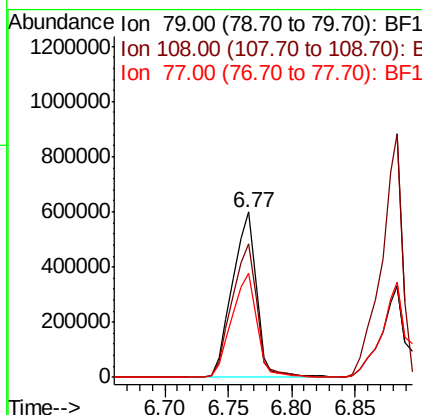
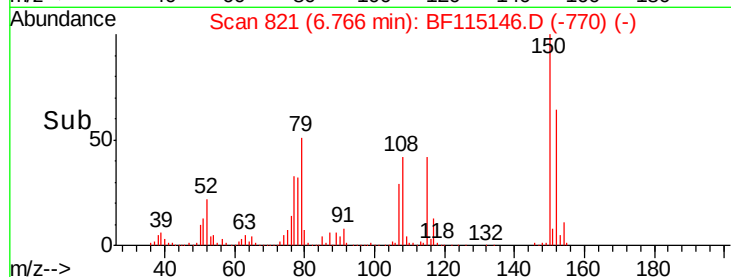
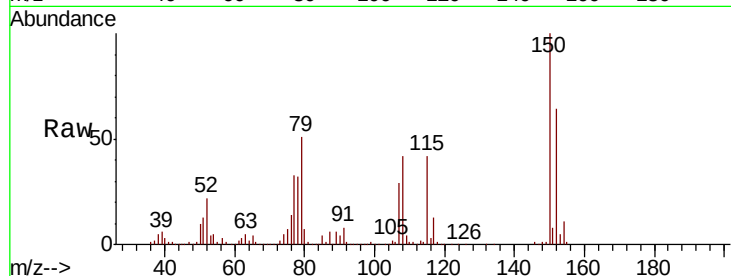
ClientSampled :

PB120851BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	68.7	103.1
77	63.4	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.221 ng

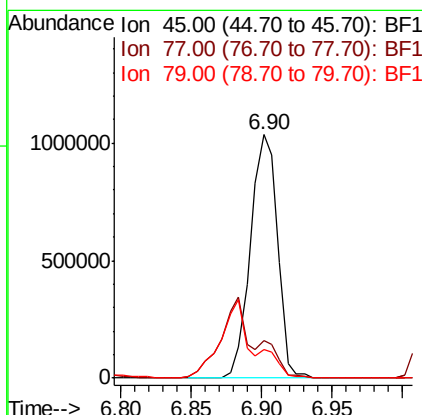
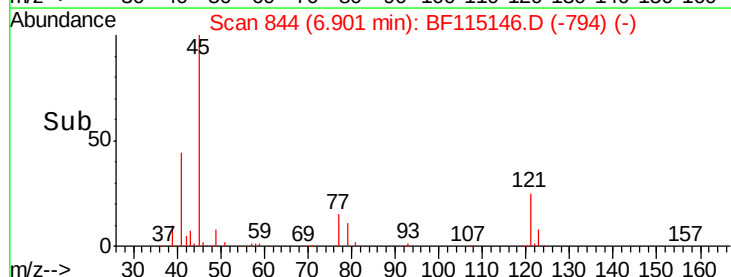
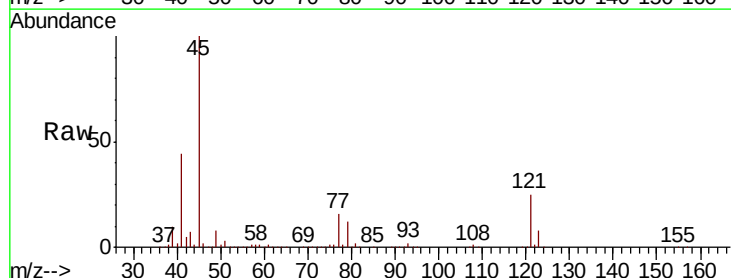
RT: 6.90 min Scan# 844

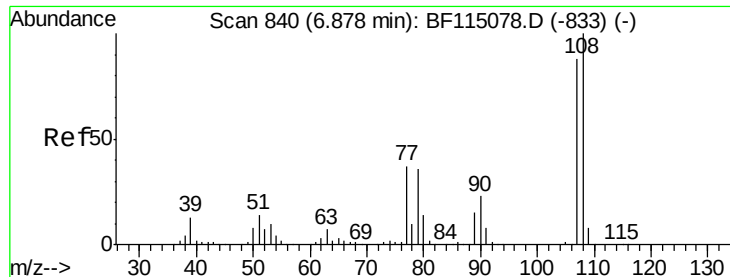
Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.6
79	11.5	0.0	31.2





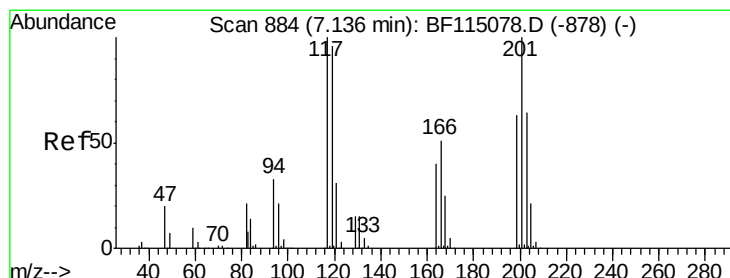
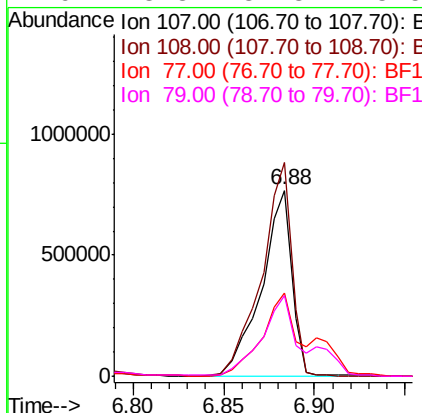
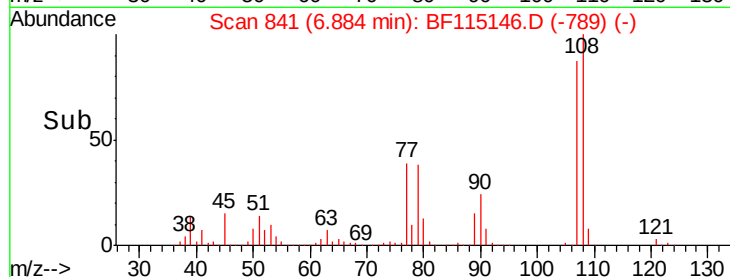
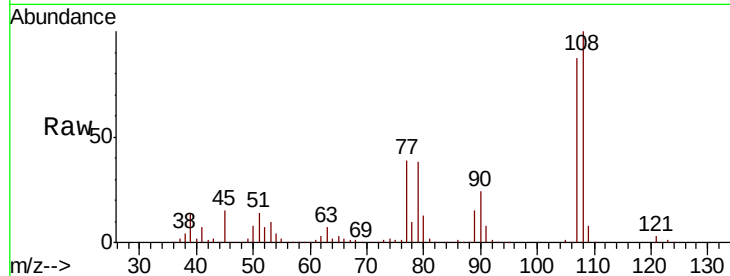
#17
2-Methylphenol
Concen: 41.764 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampled :
PB120851BS

Tot Ion	107	Resp	888713
Ion Ratio	Lower	Upper	
107	100		
108	114.8	90.9	136.3
77	44.9	33.4	50.2
79	43.3	32.3	48.5

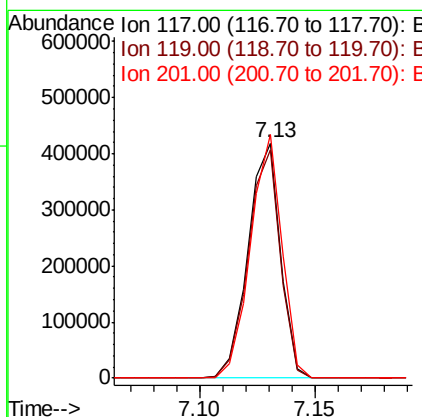
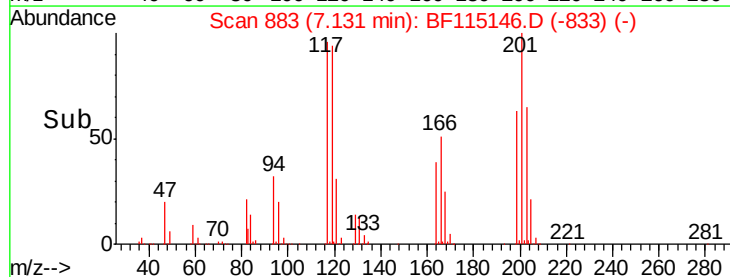
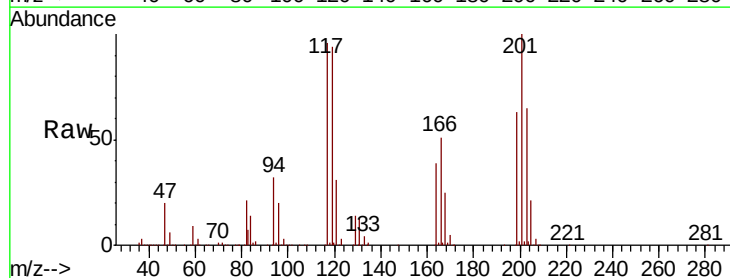
Manual Integrations
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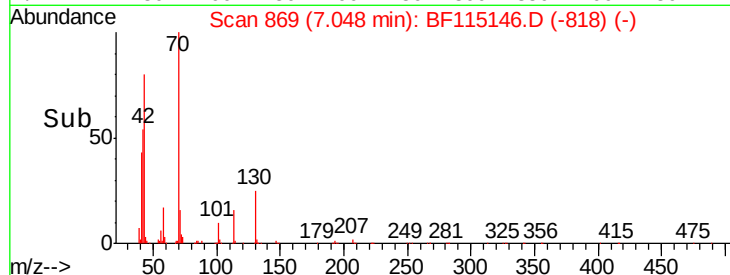
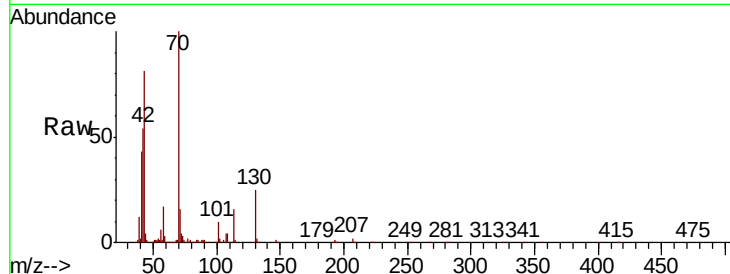
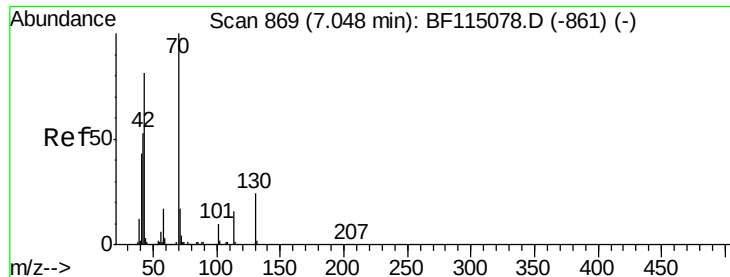
mohammad
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#18
Hexachloroethane
Concen: 39.628 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	117	Resp	409880
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.6	114.8
201	103.6	80.2	120.2





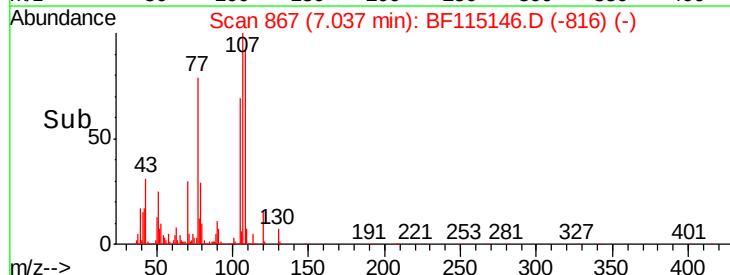
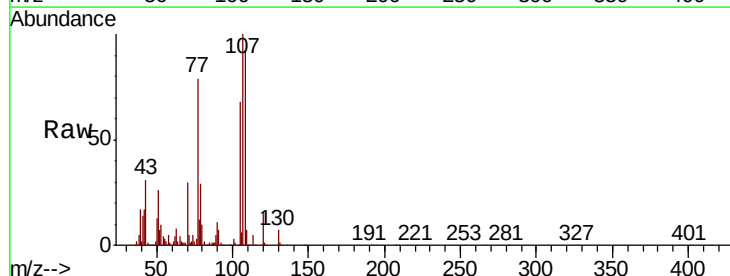
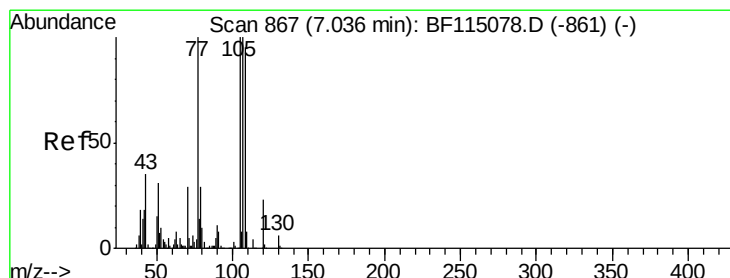
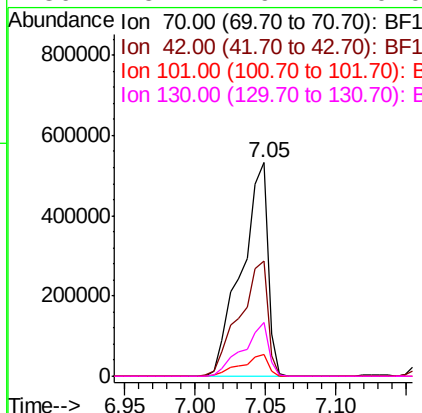
#19
n-Nitroso-di-n-propylamine
Concen: 39.287 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		699915		
42	53.7	42.6	63.8		
101	10.5	8.0	12.0		
130	25.1	19.4	29.0		

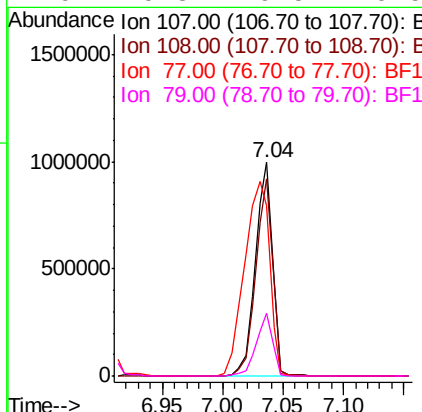
Manual Integrations
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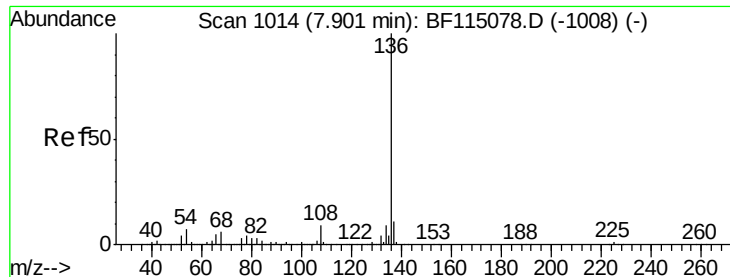
mohammad
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#20
3+4-Methylphenols
Concen: 40.180 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		987244		
108	92.4	75.5	115.5		
77	79.5	80.2	120.2		
79	29.3	9.5	49.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion:136 Resp: 1392756

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

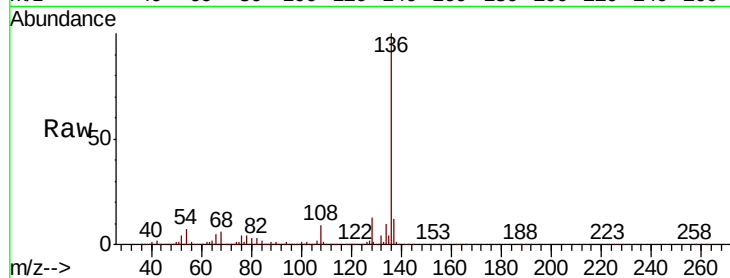
54 7.2 5.6 8.4

68 6.0 4.8 7.2

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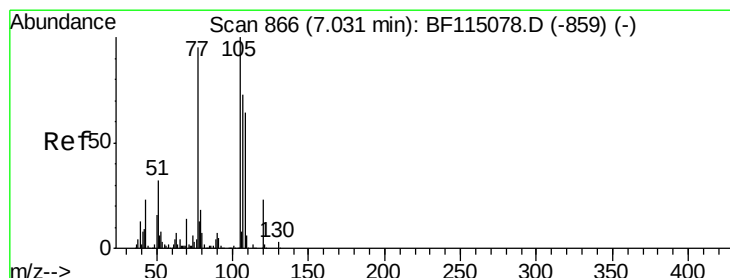
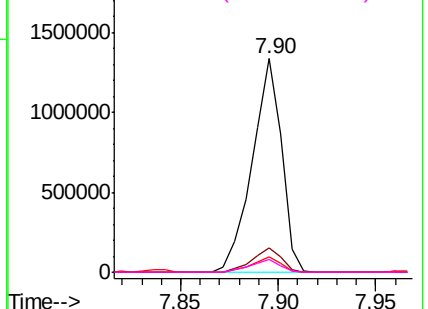
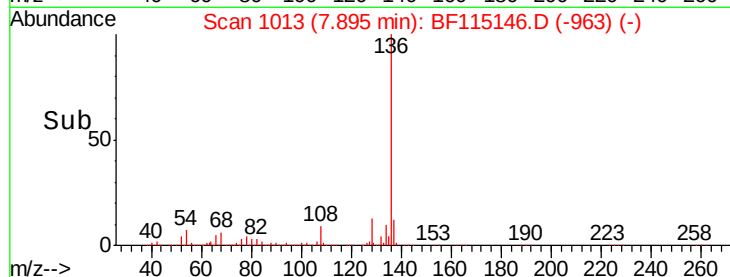


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.936 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:105 Resp: 1400894

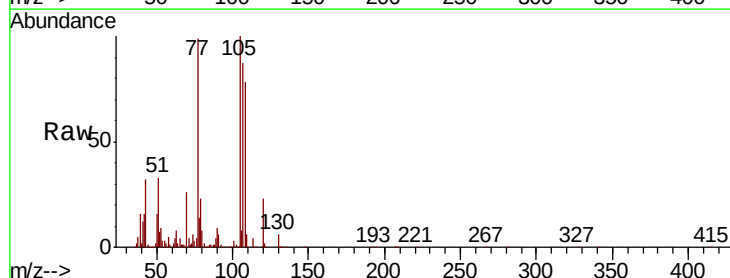
Ion Ratio Lower Upper

105 100

71 4.4 1.9 2.9#

51 33.3 25.8 38.8

120 23.2 18.5 27.7

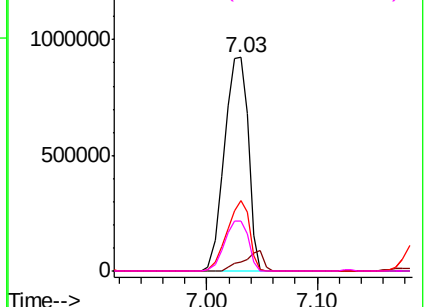
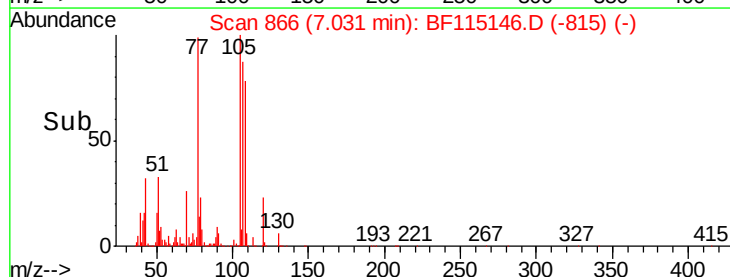


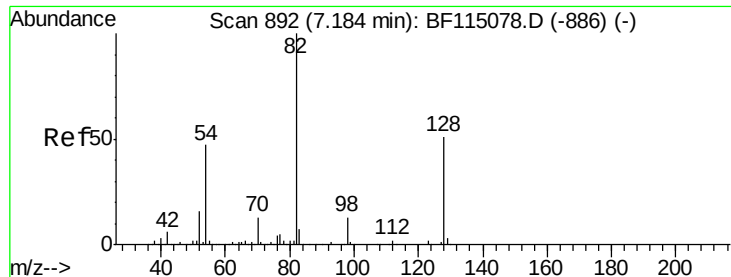
Abundance Ion 105.00 (104.70 to 105.70): E

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





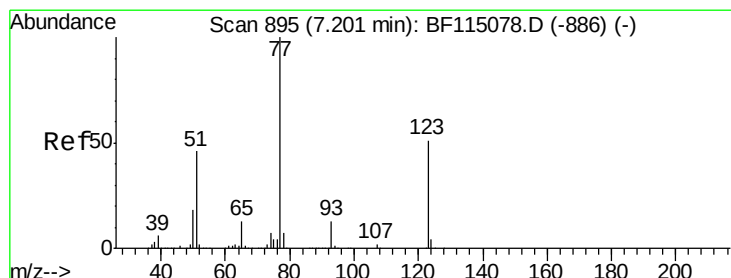
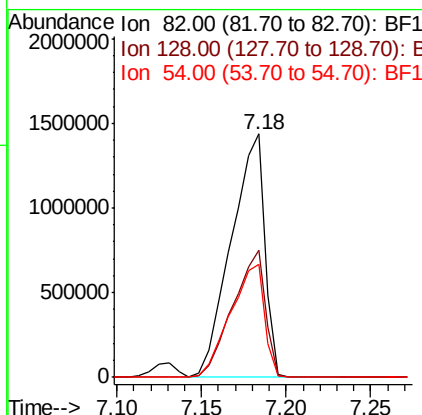
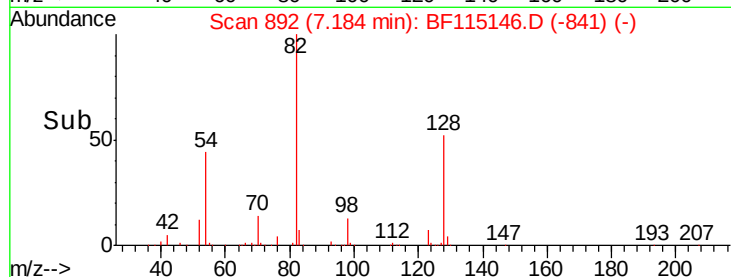
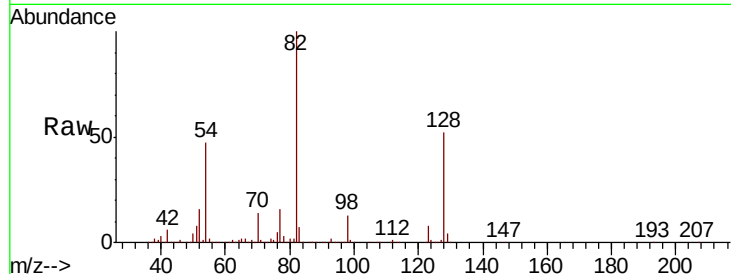
#23
Nitrobenzene-d5
Concen: 87.788 ng
RT: 7.18 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	82	Resp	1987597
Ion Ratio	100	Lower	Upper
128	52.3	40.4	60.6
54	46.6	37.5	56.3

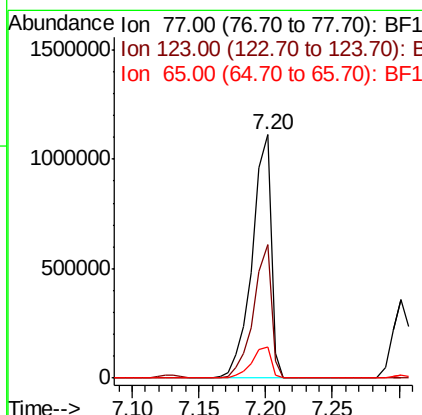
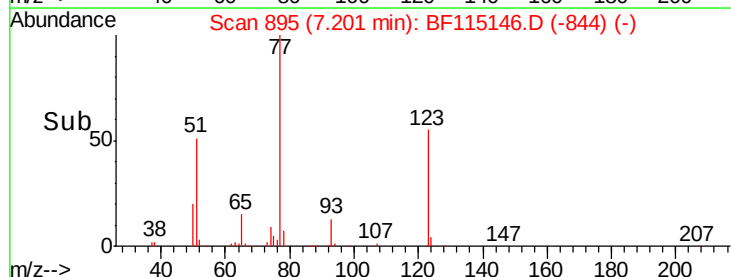
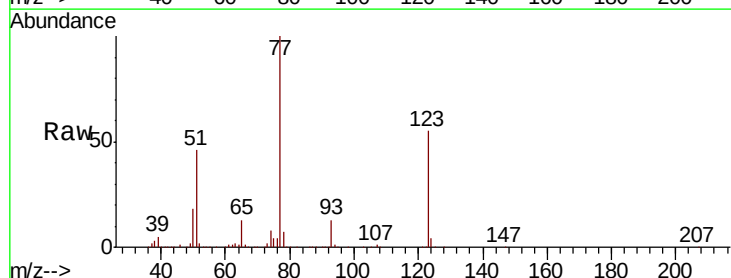
Manual Integrations
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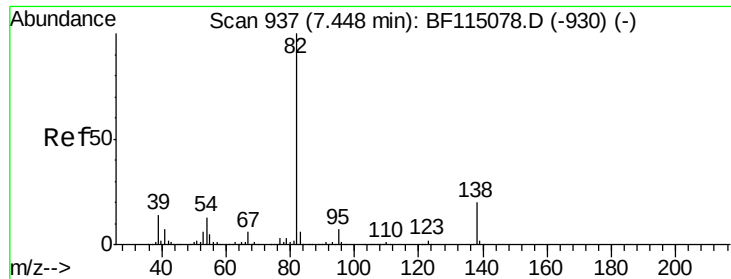
mohammad
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#24
Nitrobenzene
Concen: 43.179 ng
RT: 7.20 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	77	Resp	1077000
Ion Ratio	100	Lower	Upper
123	54.8	41.0	61.6
65	13.0	10.5	15.7





#25

Isophorone

Concen: 43.794 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion: 82 Resp: 2031178

Ion Ratio Lower Upper

82 100

95 6.7

138 19.9

5.4

15.9

8.2

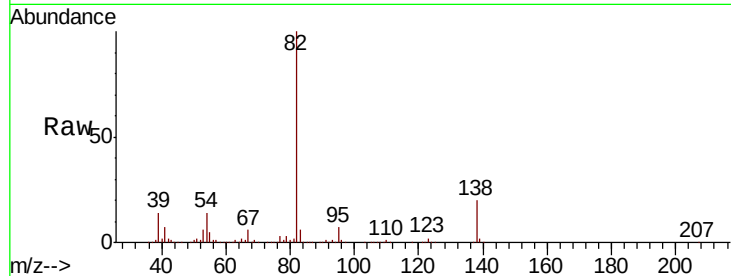
23.9

Manual Integrations

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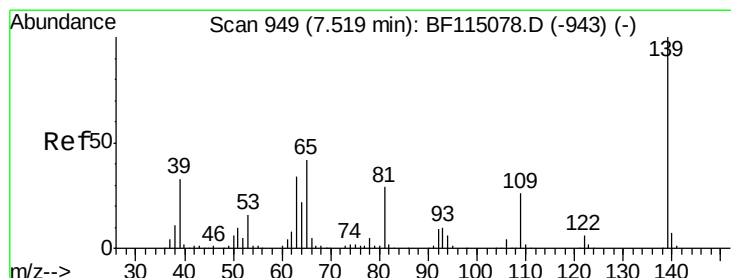
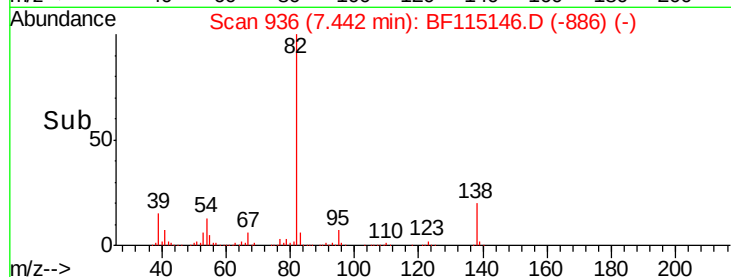
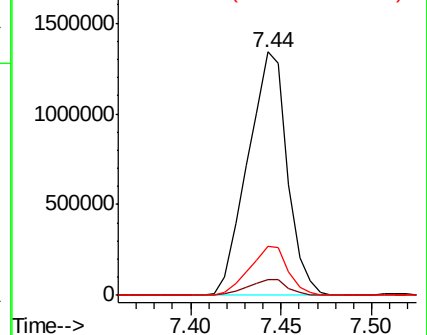
6/28/2019 8:25:07 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.453 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion: 139 Resp: 609158

Ion Ratio Lower Upper

139 100

109 26.1

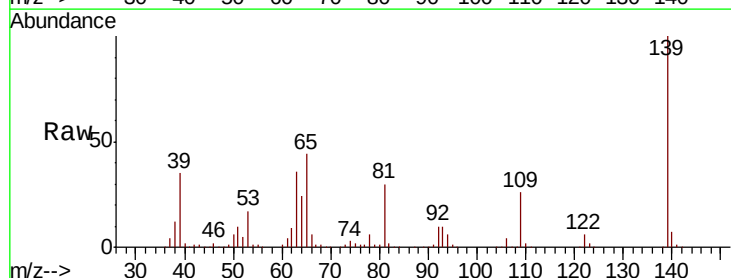
65 43.9

20.4

33.6

30.6

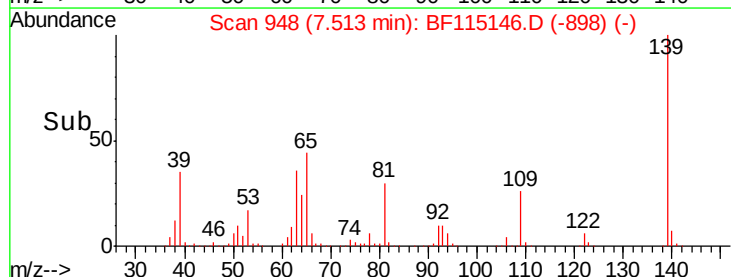
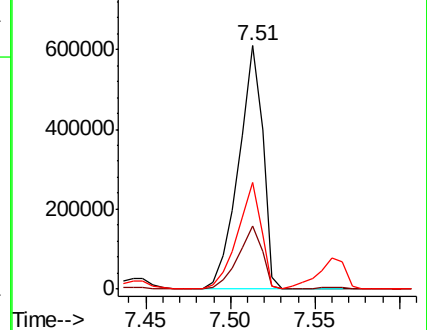
50.4

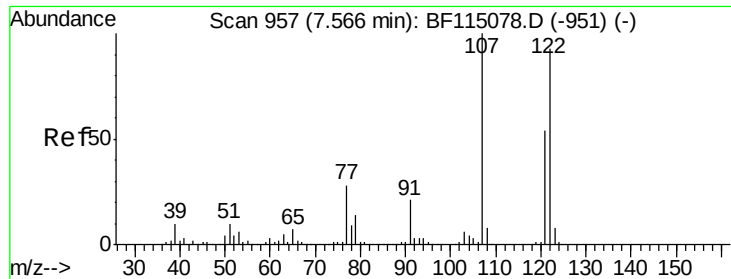


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





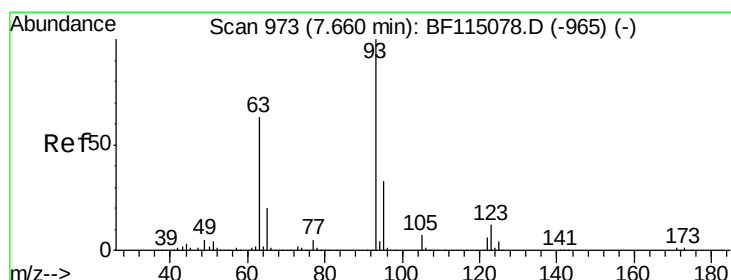
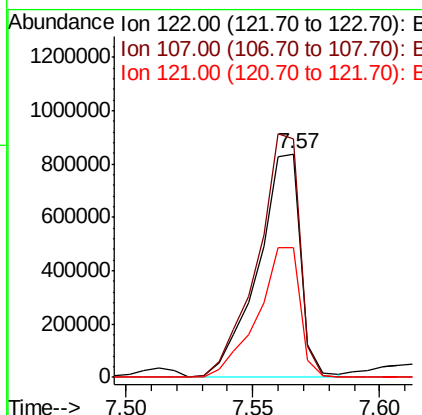
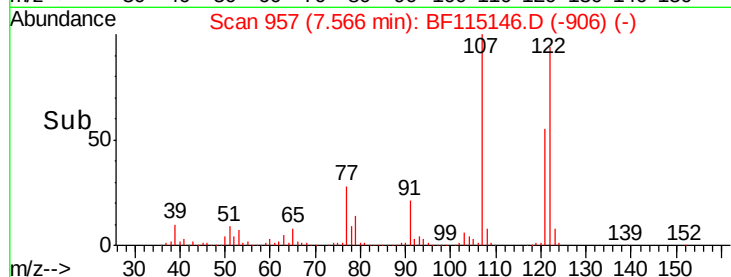
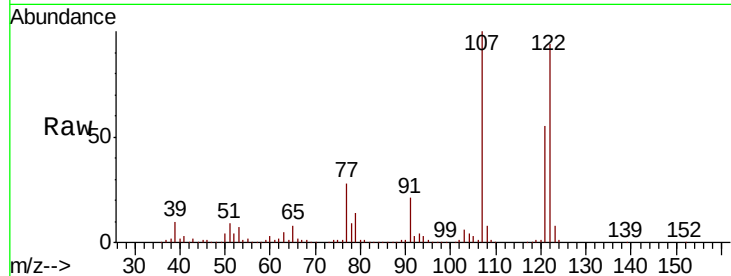
#27
2,4-Dimethylphenol
Concen: 48.907 ng
RT: 7.57 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.6	85.8	128.6
121	58.2	46.3	69.5

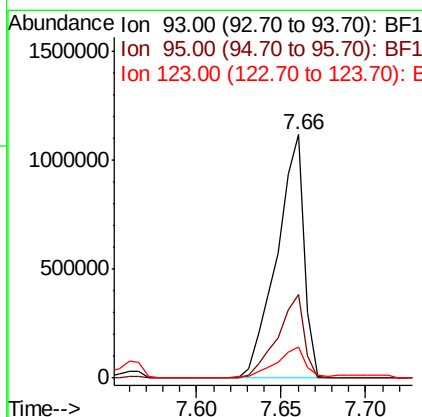
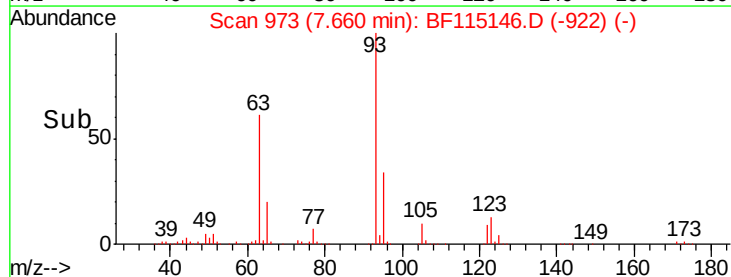
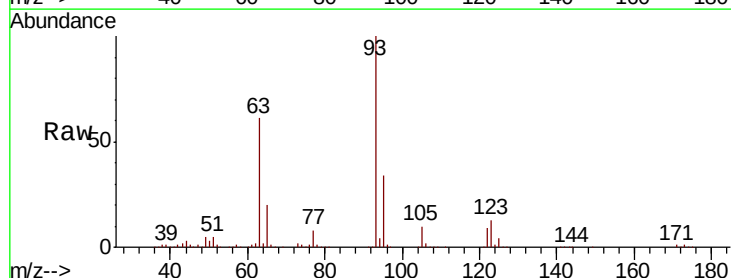
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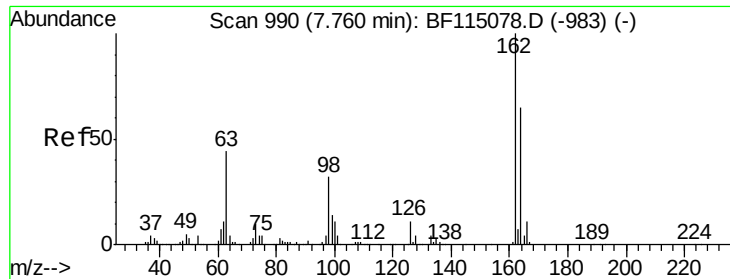
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.011 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.2	39.4
123	13.0	9.7	14.5





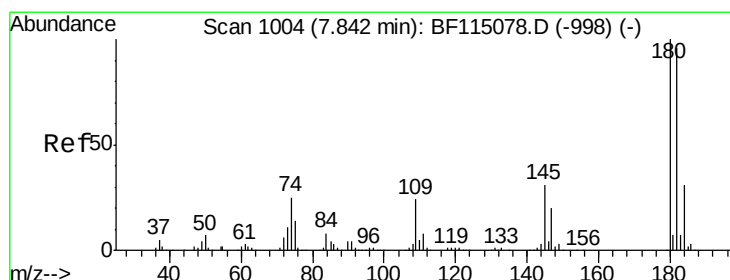
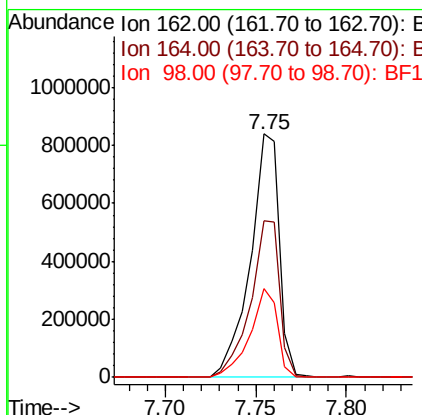
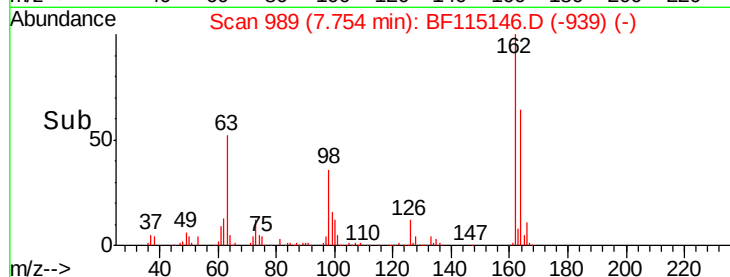
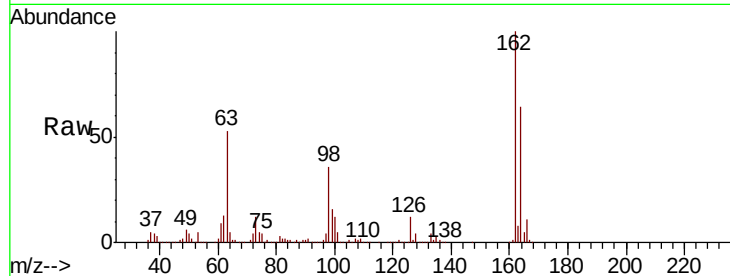
#29
2,4-Dichlorophenol
Concen: 44.993 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampled :
PB120851BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.3	85.3
98	36.3	12.5	52.5

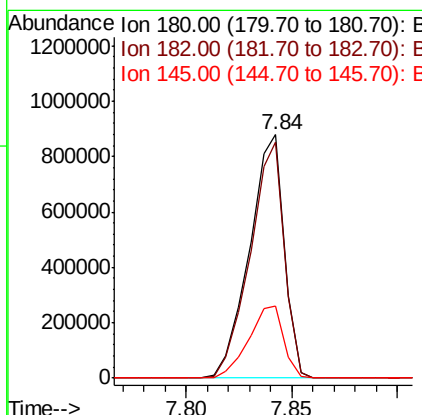
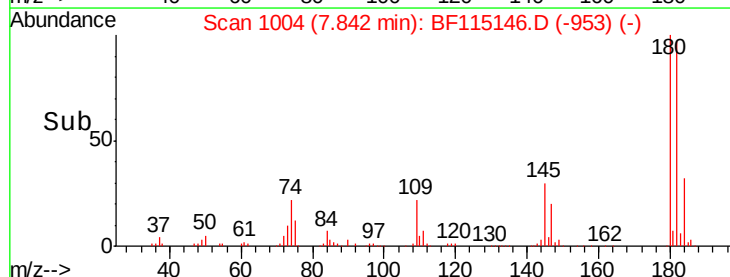
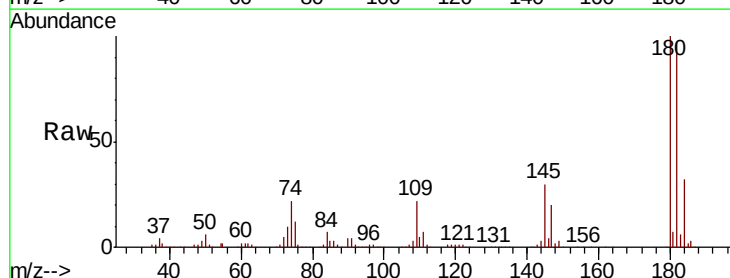
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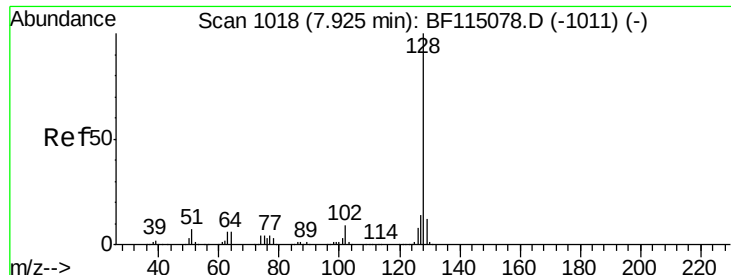
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#30
1,2,4-Trichlorobenzene
Concen: 43.618 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.4	114.6
145	29.8	24.8	37.2





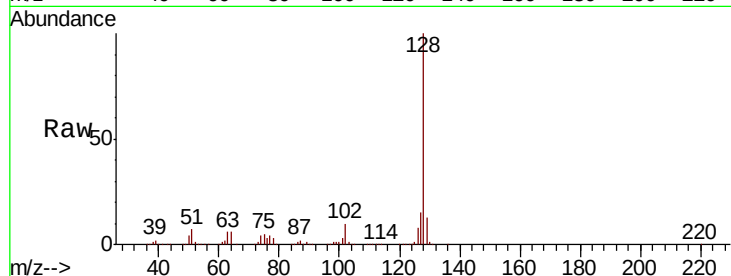
#31
Naphthalene
Concen: 42.755 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.6	14.4
127	14.8	11.4	17.0

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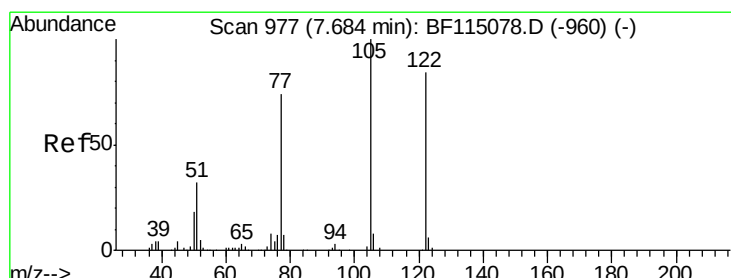
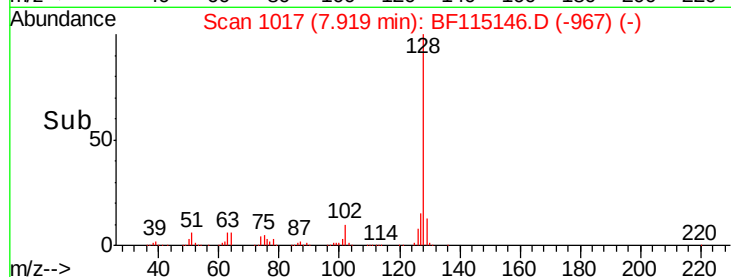
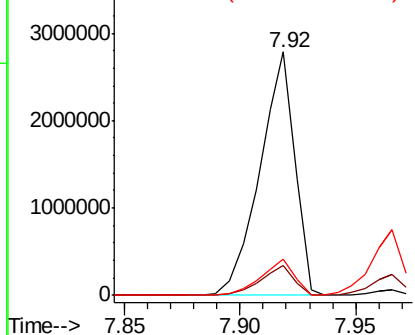


Abundance

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: 55.999 ng
RT: 7.71 min Scan# 982
Delta R.T. 0.03 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

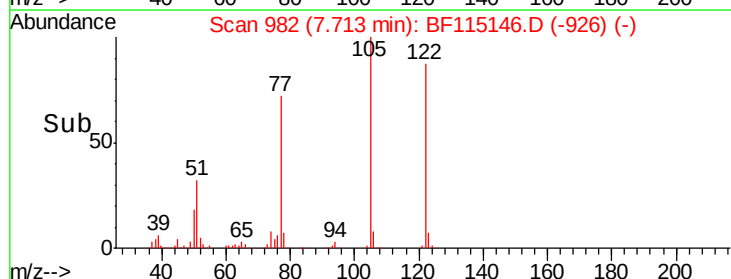
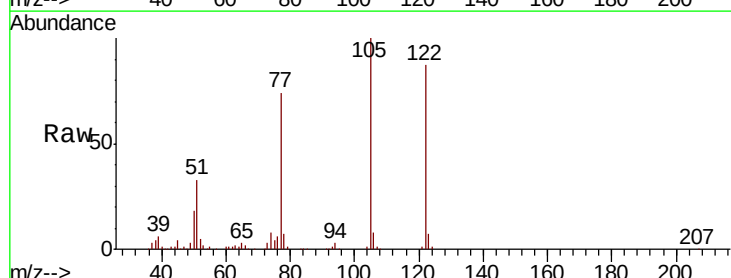
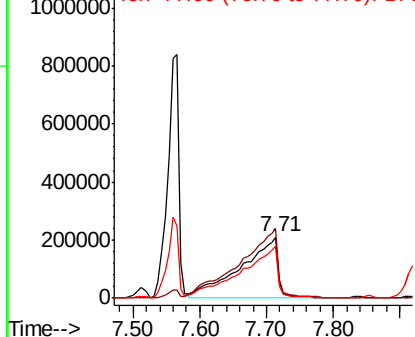
Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	98.2	138.2
77	85.1	67.0	107.0

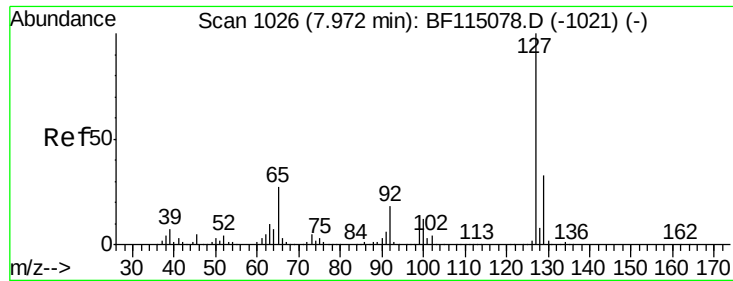
Abundance

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





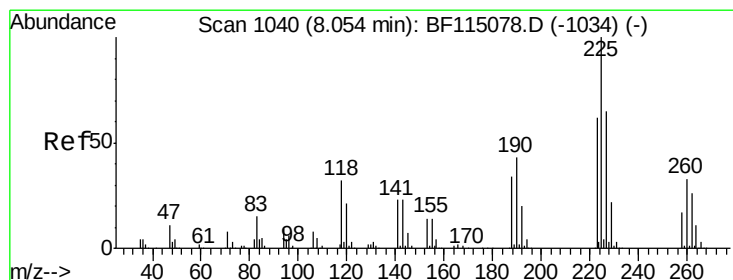
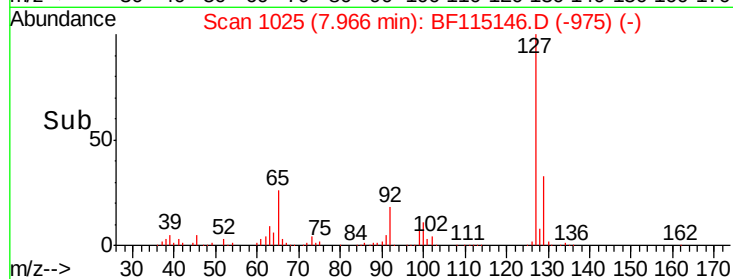
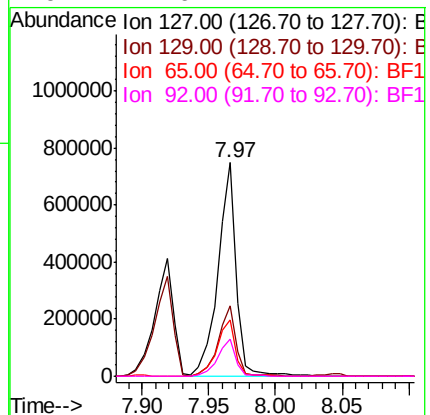
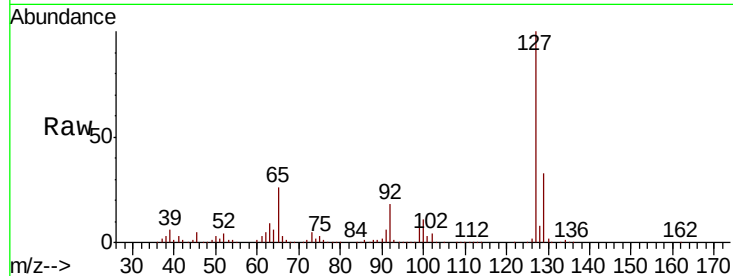
#33
4-Chloroaniline
Concen: 22.886 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.1	39.1		
65	26.4	21.4	32.2		
92	17.6	14.1	21.1		

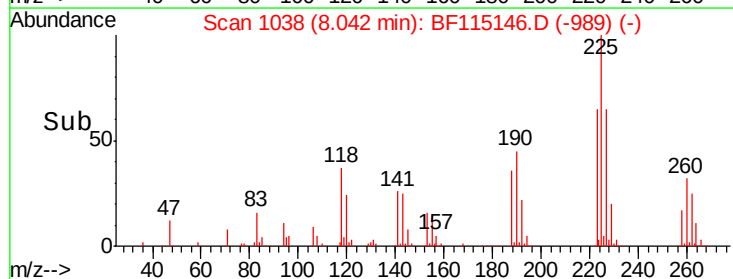
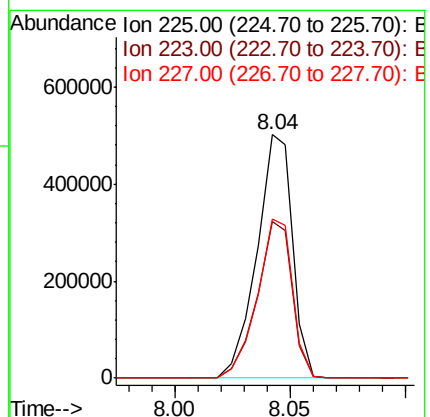
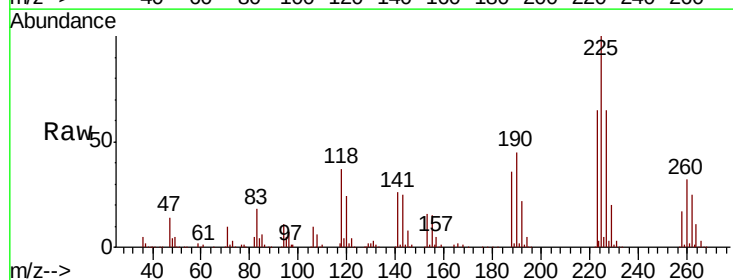
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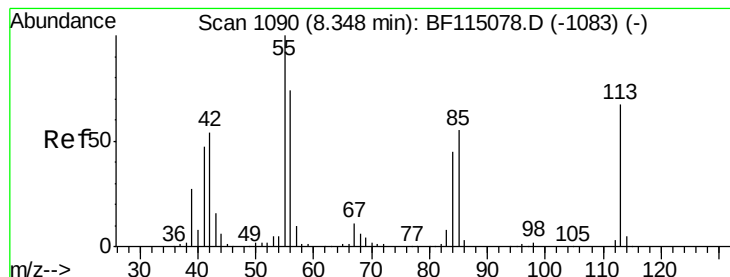
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#34
Hexachlorobutadiene
Concen: 42.677 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	49.4	74.2		
227	65.2	51.8	77.8		





#35

Caprolactam

Concen: 47.900 ng/mL

RT: 8.35 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

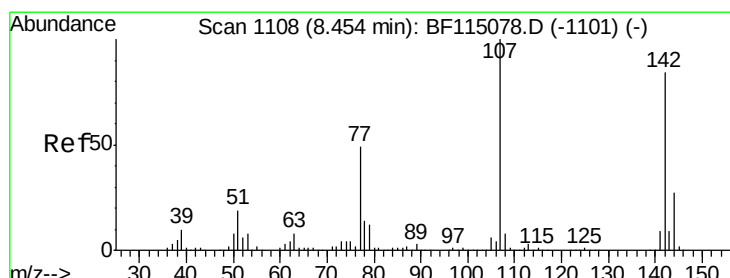
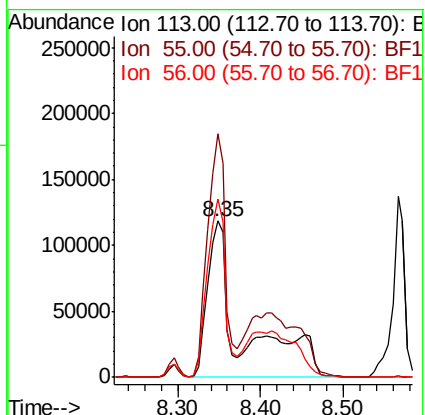
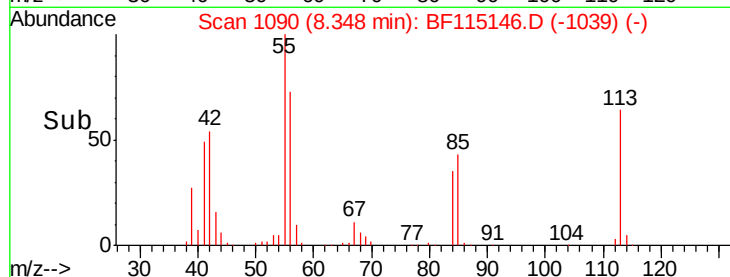
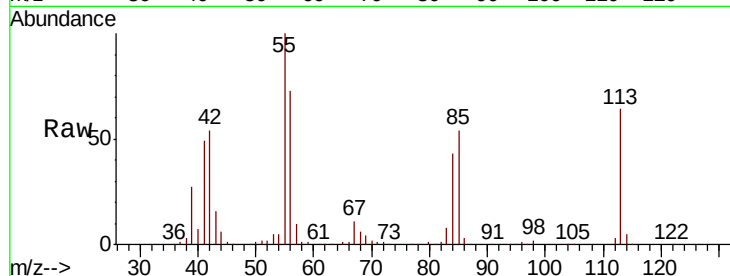
ClientSampleID :

PB120851BS

Tot Ion:	113	Resp:	335180
Ion Ratio	Lower	Upper	
113	100		
55	155.9	130.2	170.2
56	114.3	91.6	131.6

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#36

4-Chloro-3-methylphenol

Concen: 44.282 ng/mL

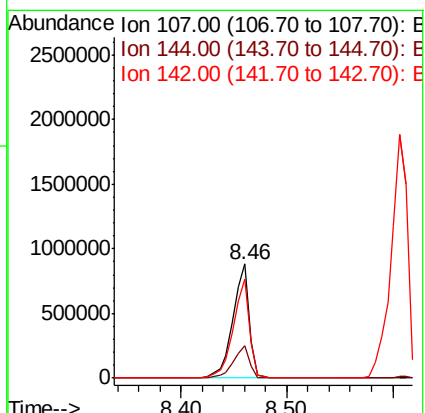
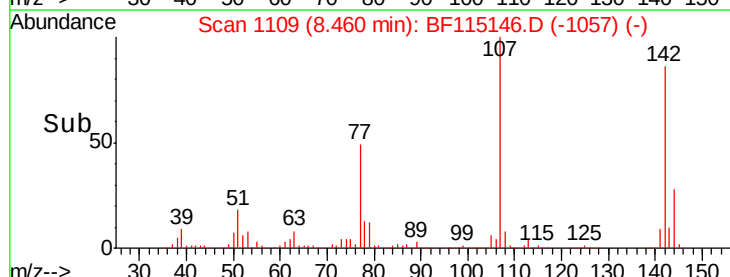
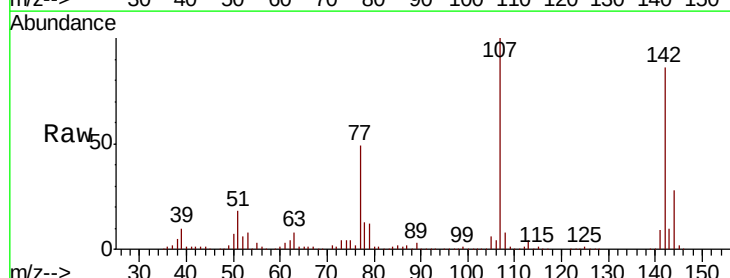
RT: 8.46 min Scan# 1109

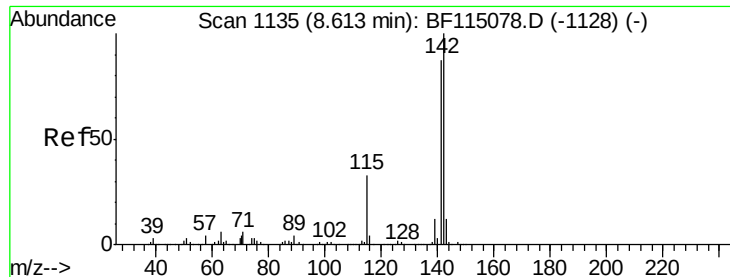
Delta R.T. 0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:	107	Resp:	933386
Ion Ratio	Lower	Upper	
107	100		
144	28.3	21.7	32.5
142	86.3	67.0	100.4





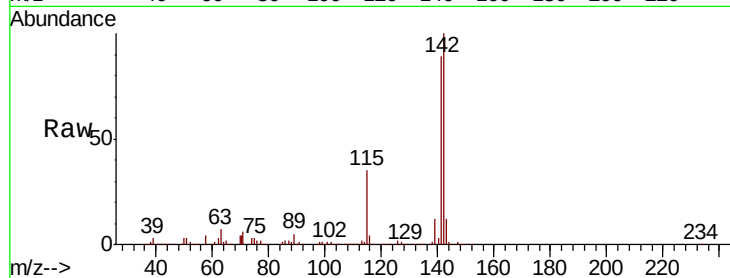
#37
2-Methylnaphthalene
Concen: 44.056 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.6
115	34.9	26.7	40.1

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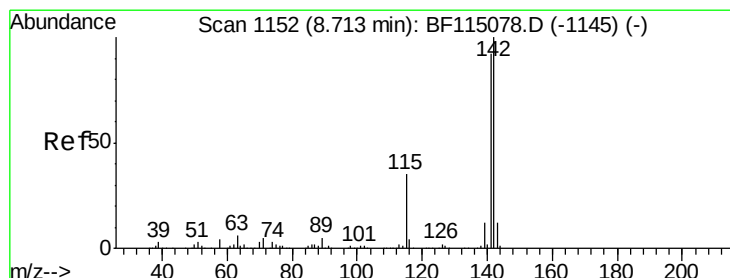
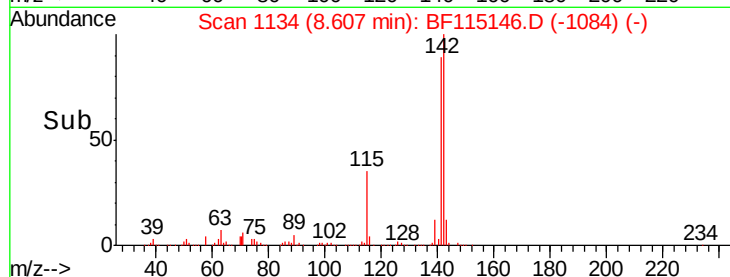
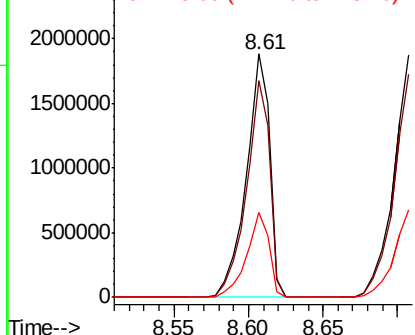


Abundance

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: 43.784 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

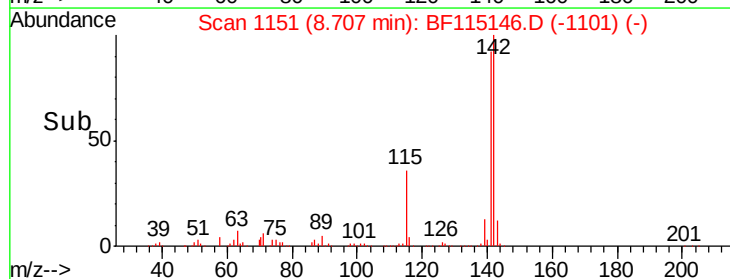
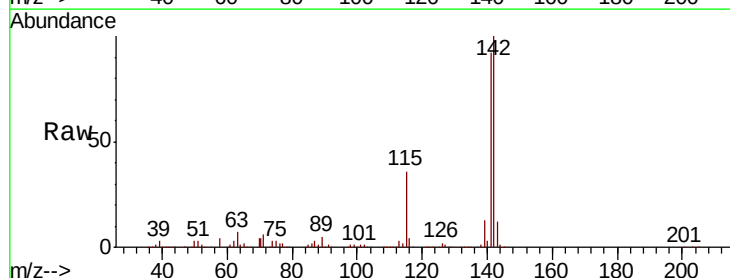
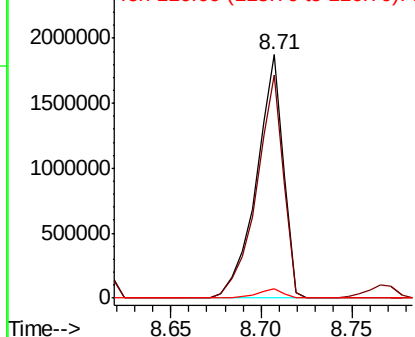
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.8
116	3.9	2.8	4.2

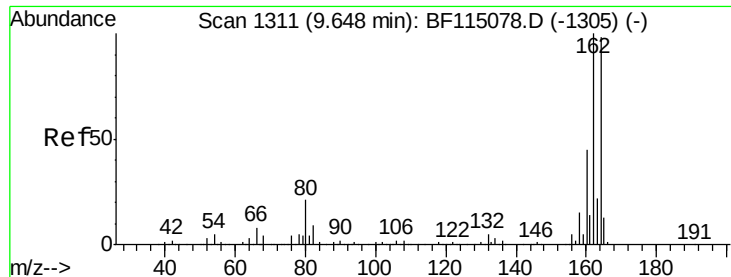
Abundance

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





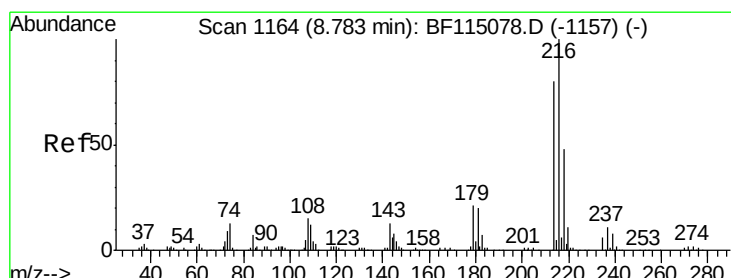
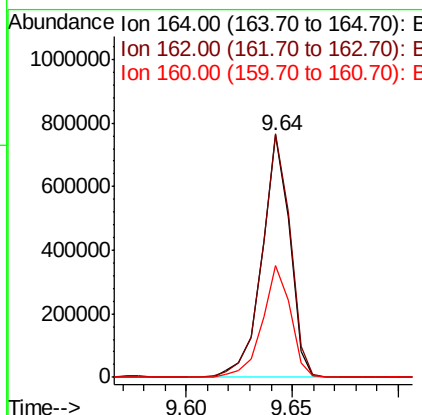
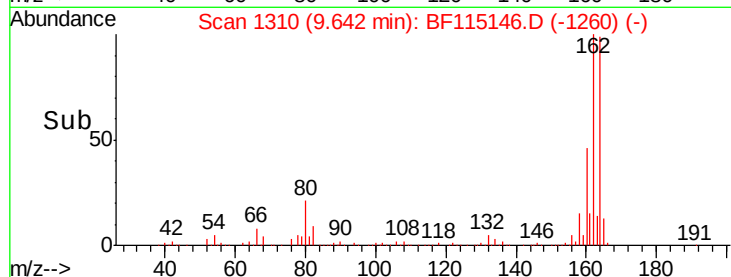
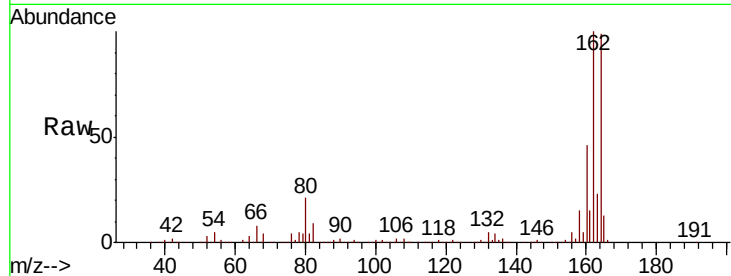
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.7	122.5
160	46.0	37.0	55.4

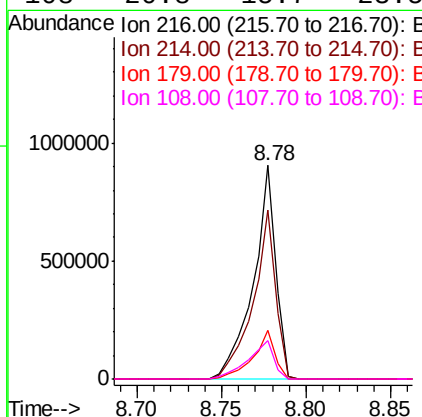
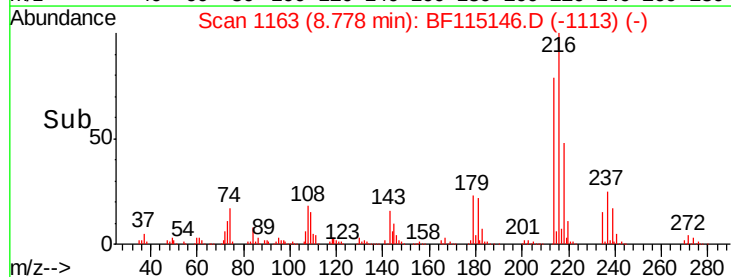
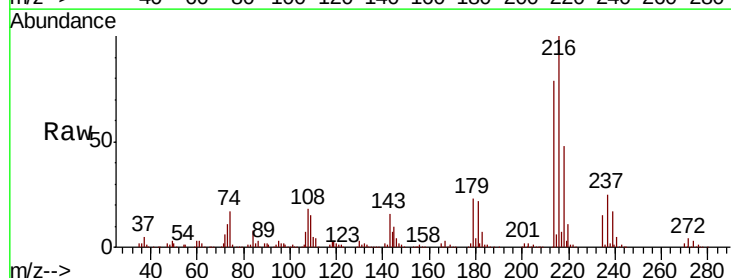
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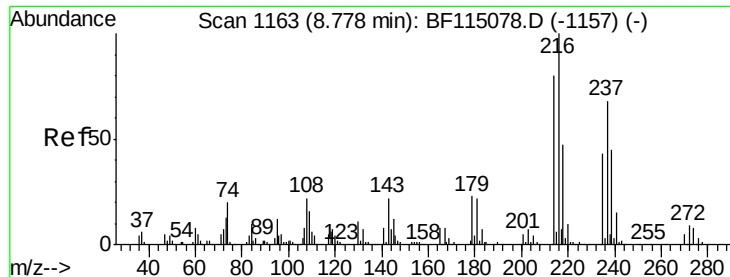
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.852 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.3	17.6	26.4
108	20.8	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 78.455 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

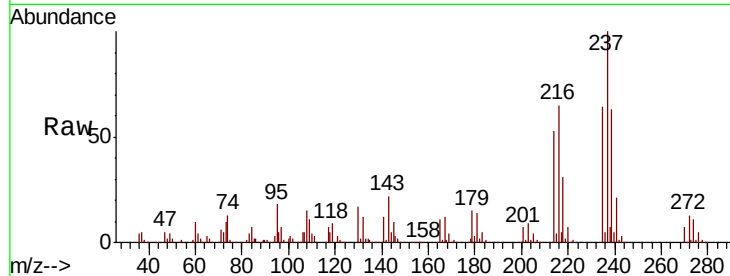
ClientSampleId :

PB120851BS

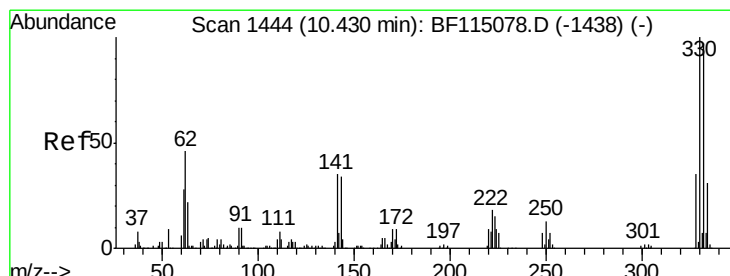
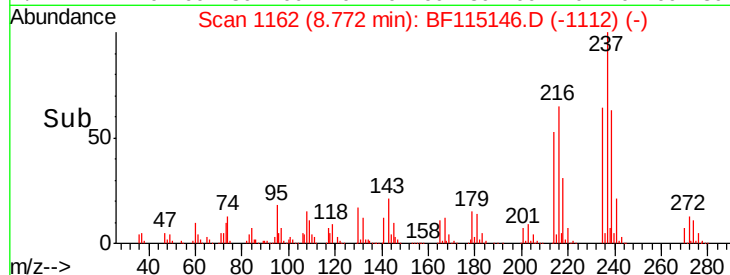
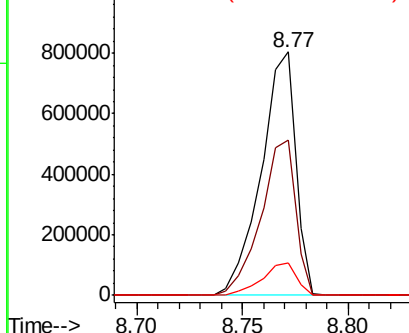
Tot Ion:	237	Resp:	917480
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.9	83.9
272	13.4	0.0	33.8

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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: 122.570 ng

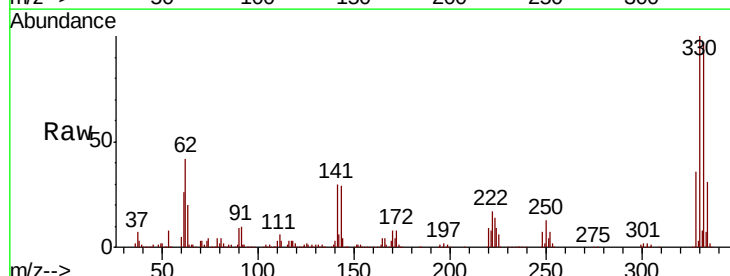
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

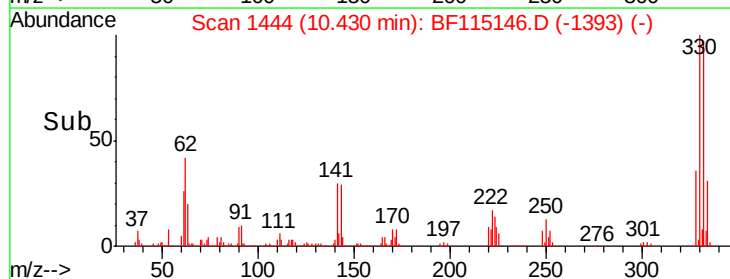
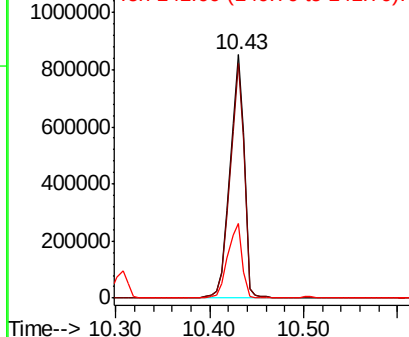
Lab File: BF115146.D

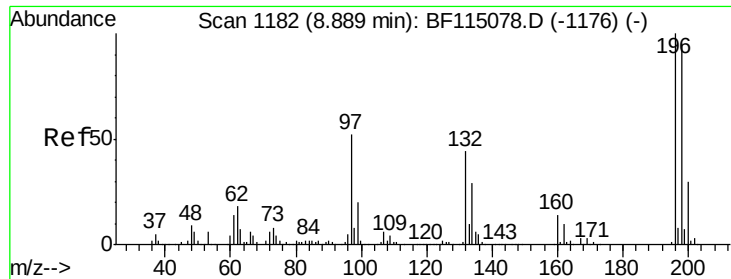
Acq: 24 Jun 2019 13:25

Tgt Ion:	330	Resp:	902085
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.3	115.9
141	31.2	28.2	42.2



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





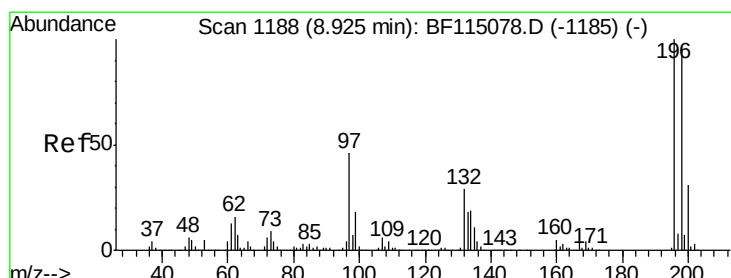
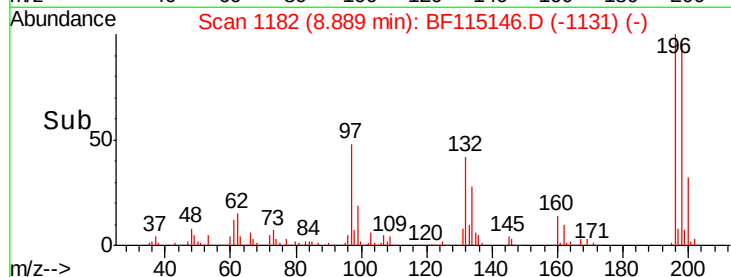
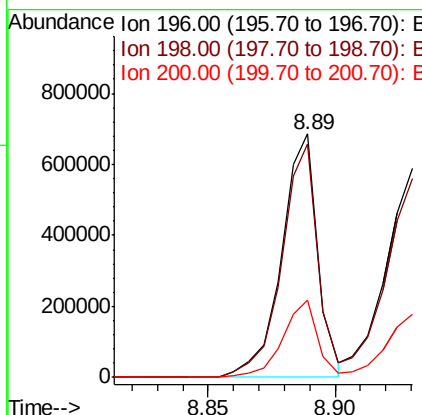
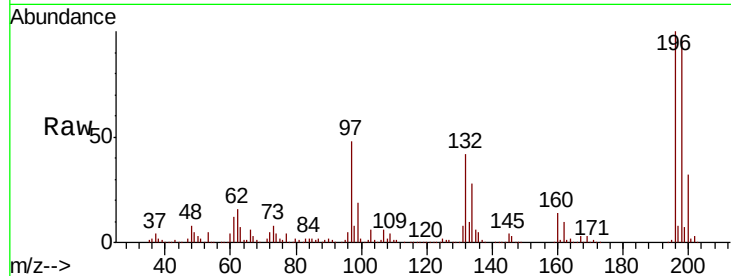
#43
 2,4,6-Trichlorophenol
 Concen: 44.908 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 PB120851BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	683768		
198	96.0	76.3	114.5	
200	31.6	24.2	36.4	

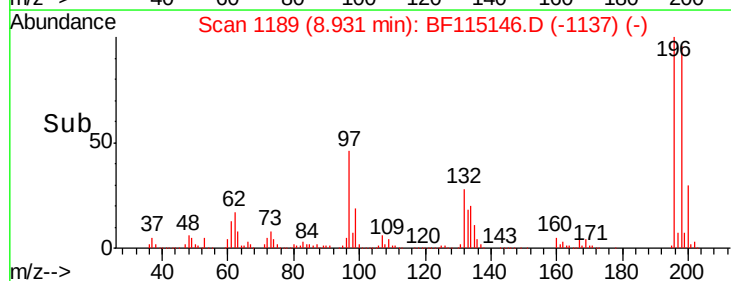
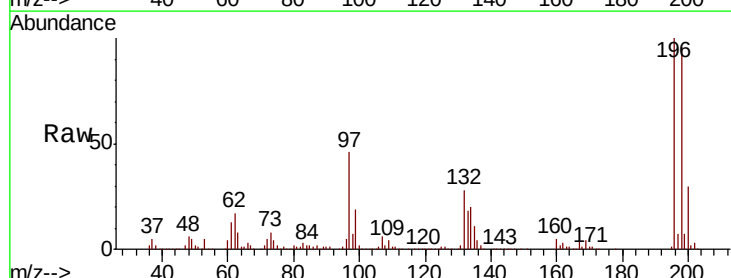
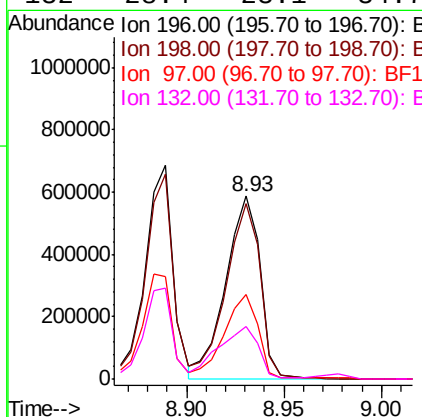
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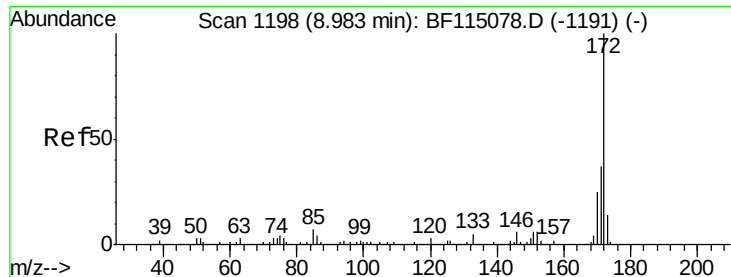
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#44
 2,4,5-Trichlorophenol
 Concen: 45.708 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	716688		
198	95.7	77.1	115.7	
97	46.1	37.7	56.5	
132	28.4	23.1	34.7	





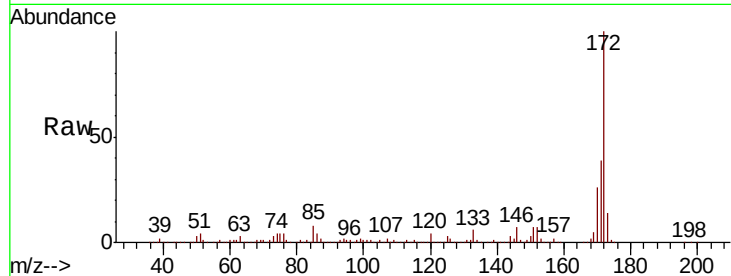
#45
2-Fluorobiphenyl
Concen: 86.451 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

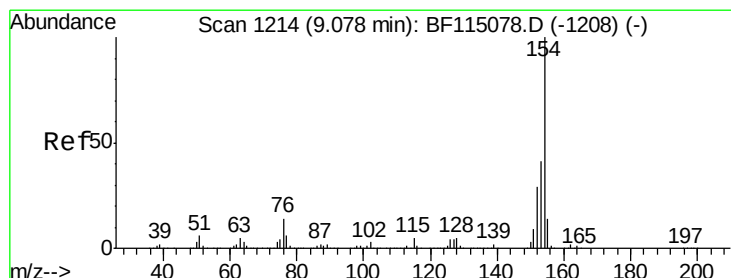
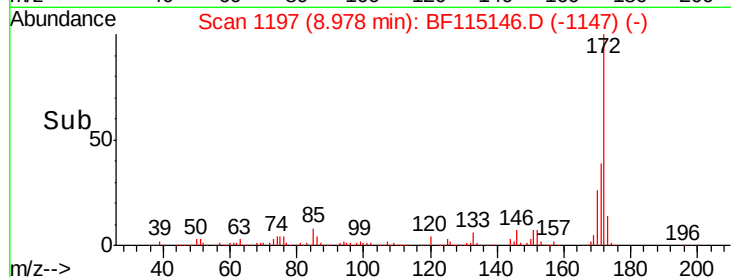
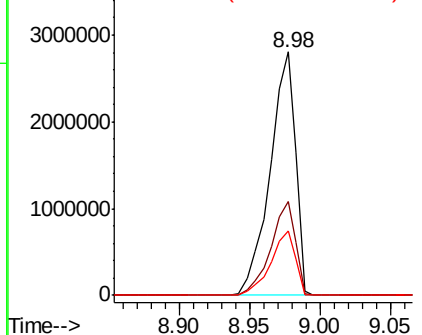
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.8	44.6
170	26.3	20.3	30.5

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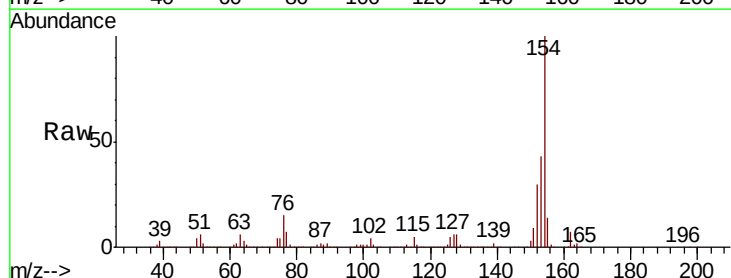


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

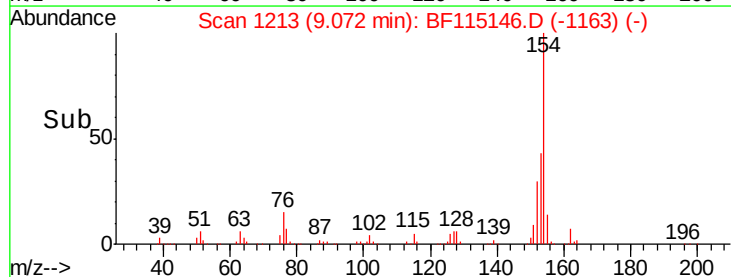
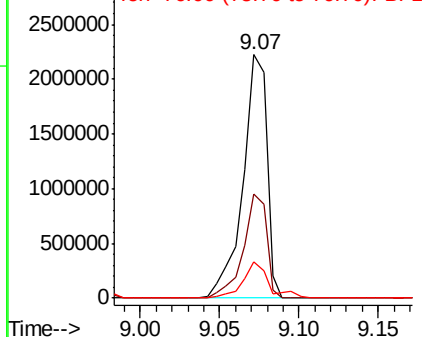


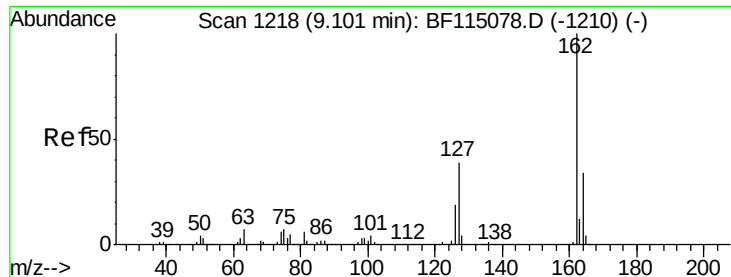
#46
1,1'-Biphenyl
Concen: 41.609 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.9	60.9
76	14.6	0.0	34.1



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: 41.627 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

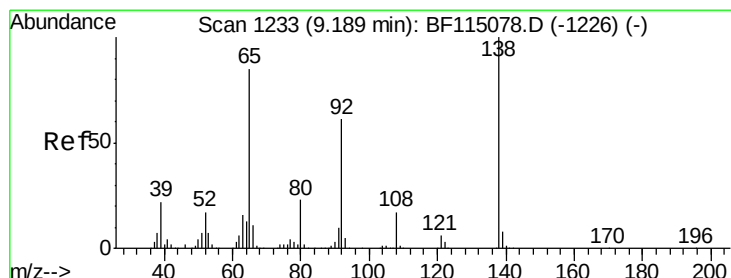
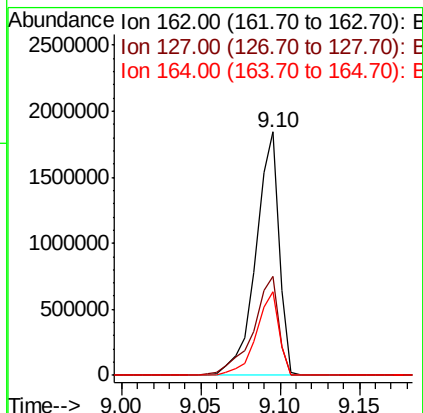
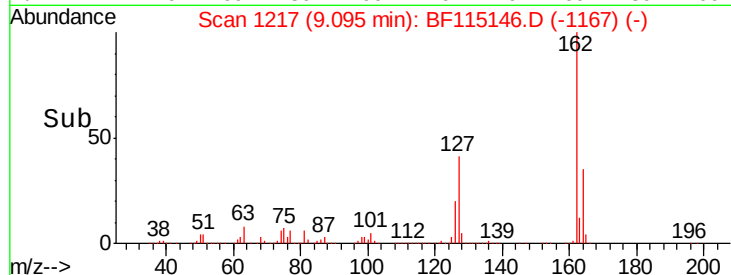
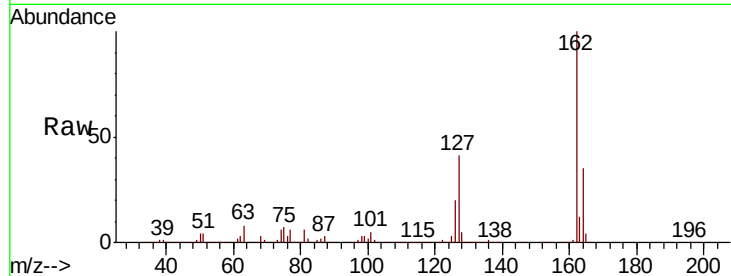
ClientSampleId :

PB120851BS

Tot Ion:	162	Resp:	1885581
Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.8	46.2
164	34.6	27.0	40.4

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#48

2-Nitroaniline

Concen: 43.316 ng

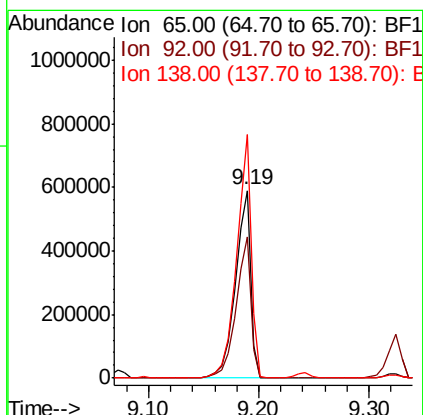
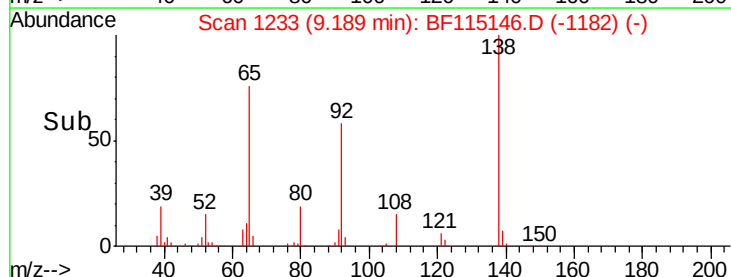
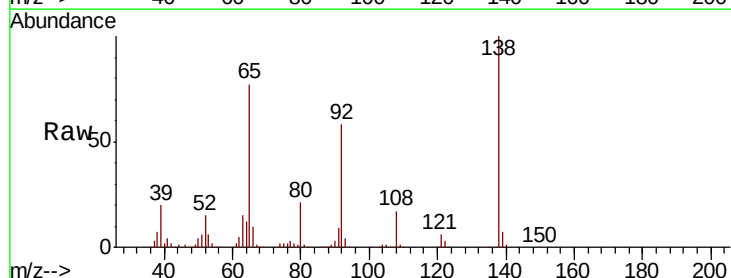
RT: 9.19 min Scan# 1233

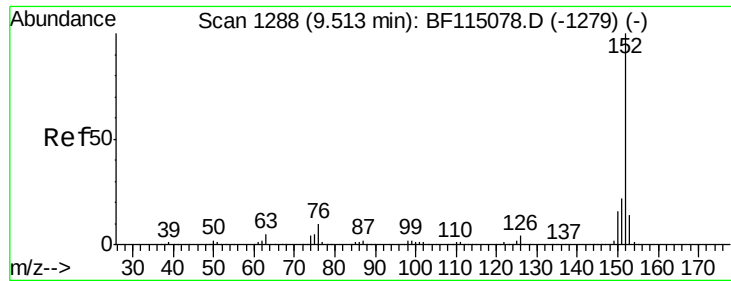
Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:	65	Resp:	572036
Ion	Ratio	Lower	Upper
65	100		
92	75.3	57.4	86.2
138	129.7	94.1	141.1





#49

Acenaphthylene

Concen: 40.612 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion:152 Resp: 2866170

Ion Ratio Lower Upper

152 100

151 22.6 17.2 25.8

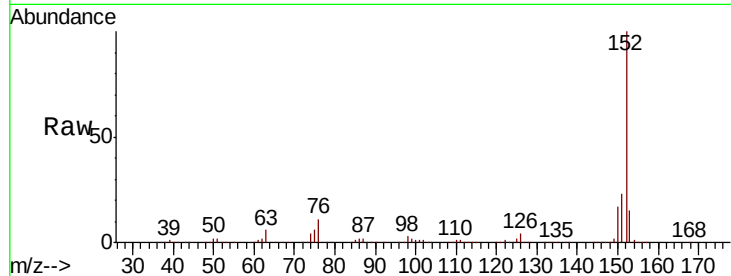
153 15.1 11.0 16.6

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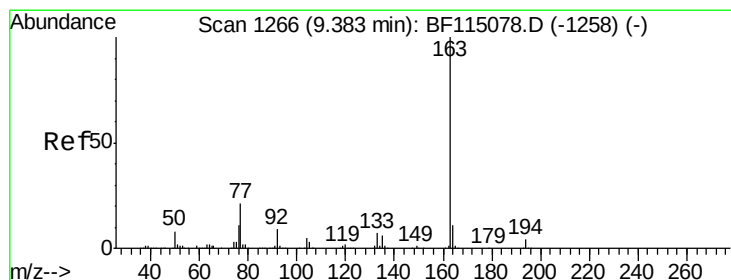
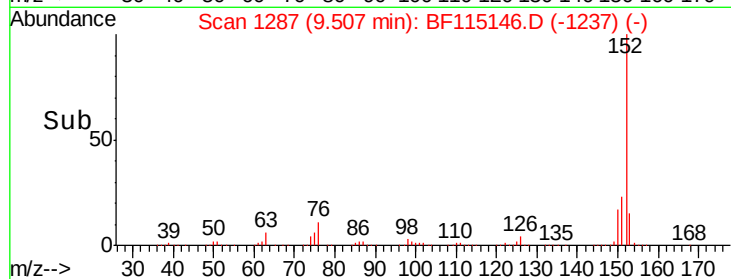
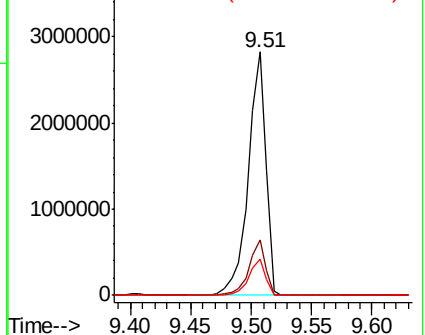
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.262 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

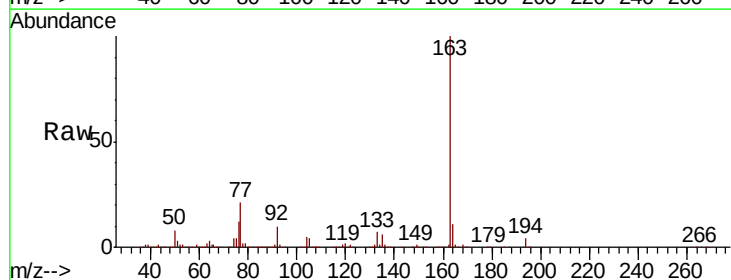
Tgt Ion:163 Resp: 2170051

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

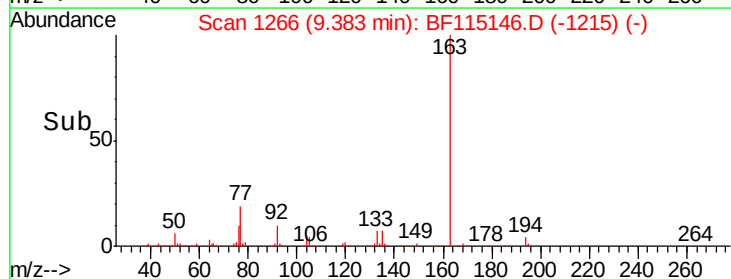
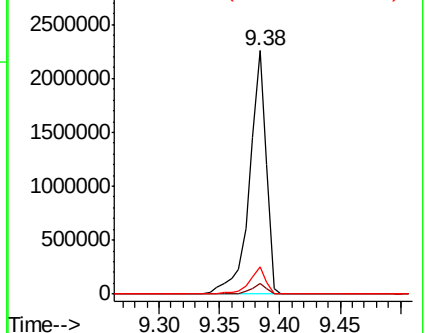
164 11.0 8.6 13.0

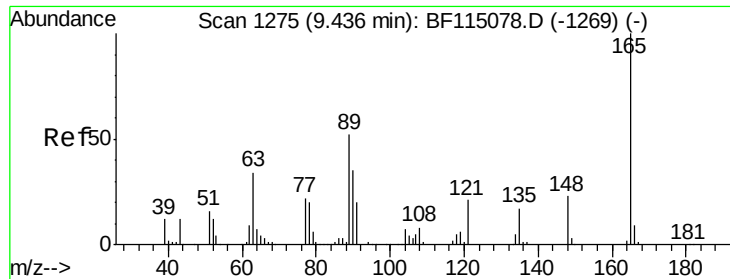


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





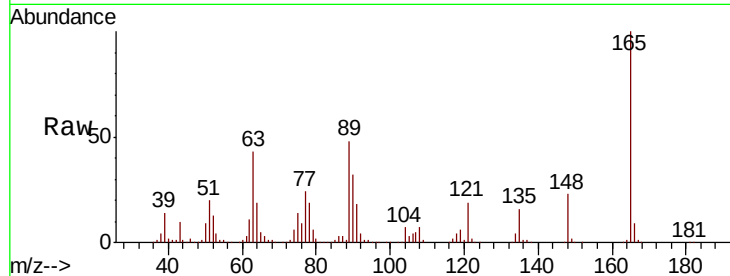
#51
2,6-Dinitrotoluene
Concen: 45.009 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampled :
PB120851BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	533559		
63	43.3	39.4	59.2	
89	47.8	42.0	63.0	

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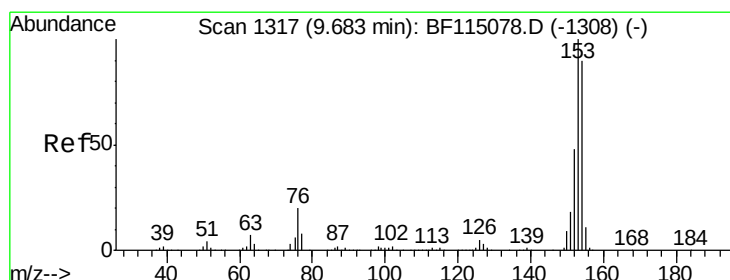
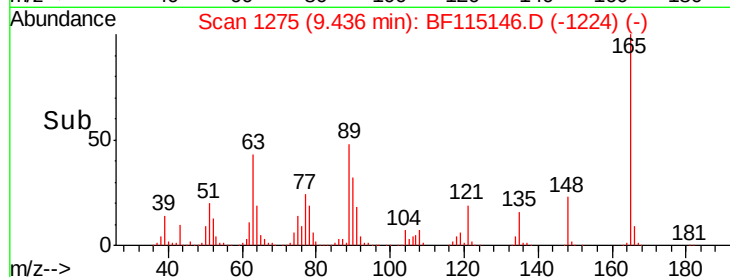
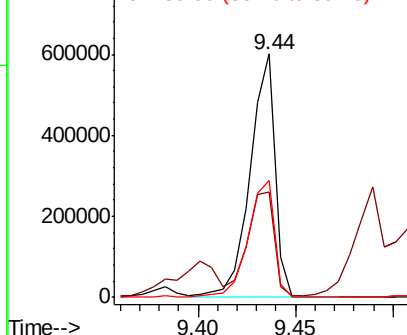


Abundance

Ion 165.00 (164.70 to 165.70): E

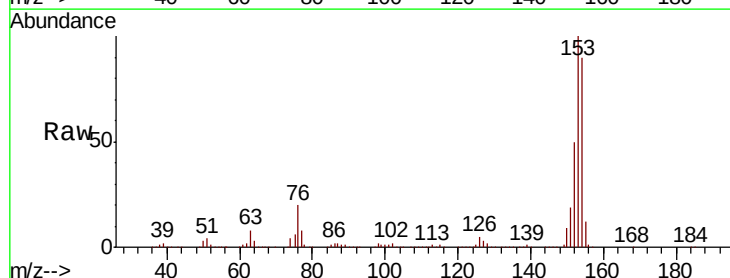
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 40.004 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1766656		
153	110.8	88.7	133.1	
152	55.0	42.6	64.0	

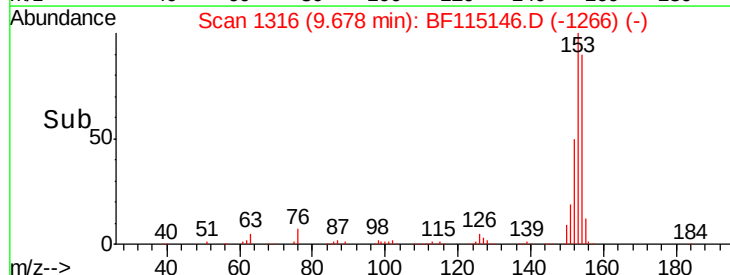
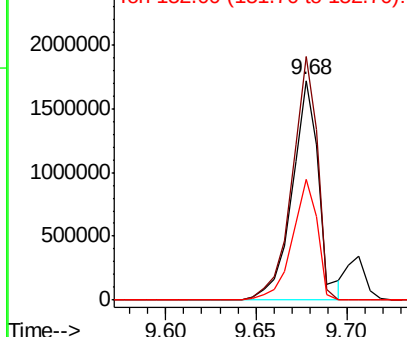


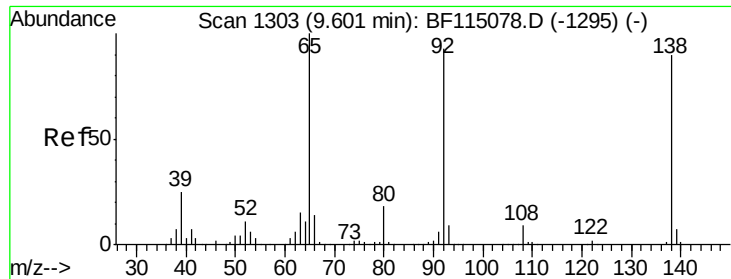
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





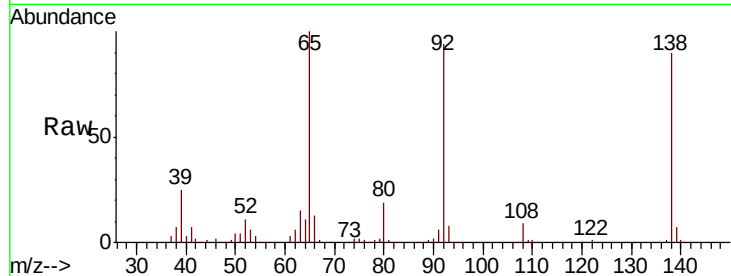
#53
3-Nitroaniline
Concen: 26.969 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

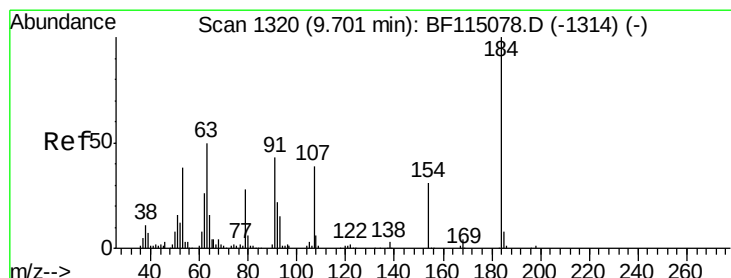
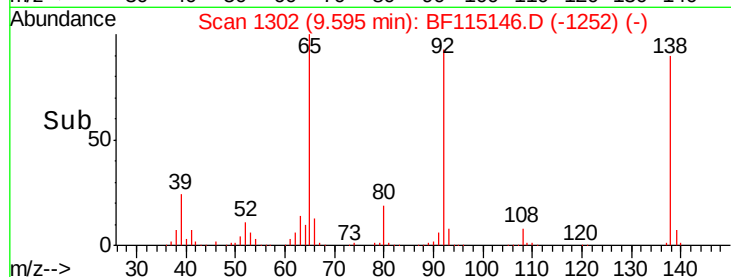
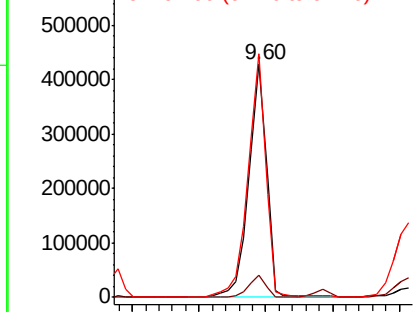
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	104.4	82.9	124.3

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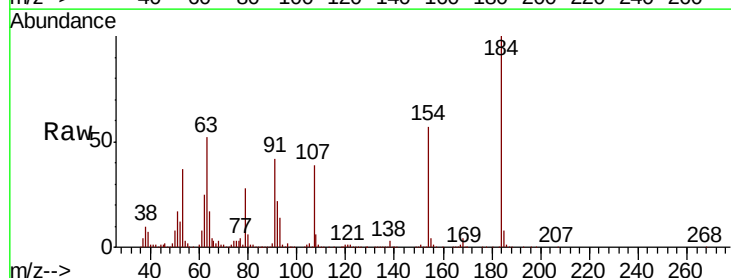


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

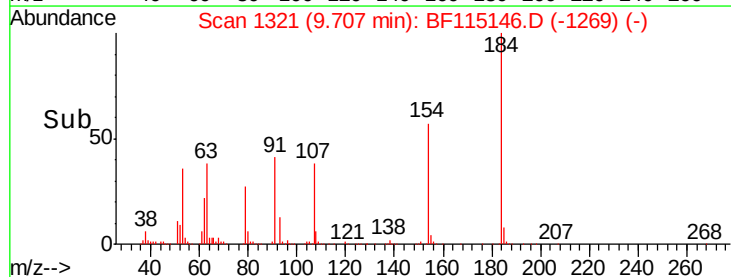
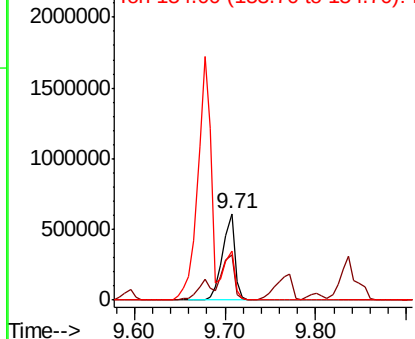


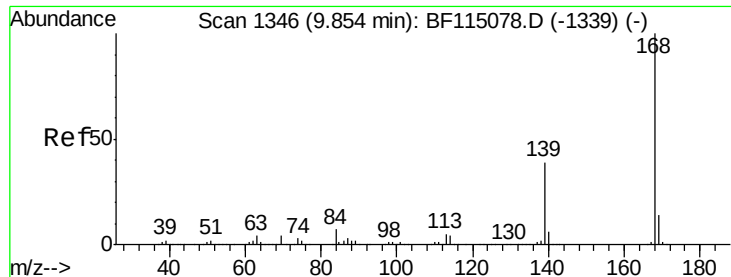
#54
2,4-Dinitrophenol
Concen: 91.486 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.2	41.9	62.9
154	57.2	44.7	67.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





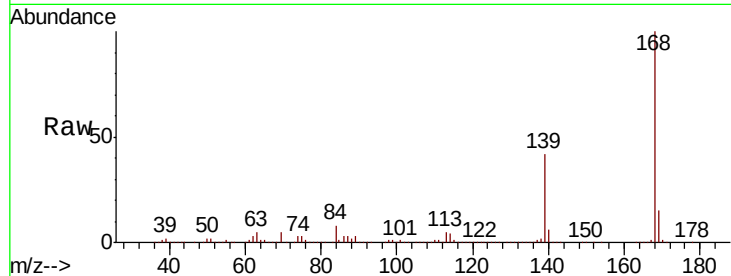
#55
Dibenzofuran
Concen: 39.754 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.1	46.7
169	15.0	11.3	16.9

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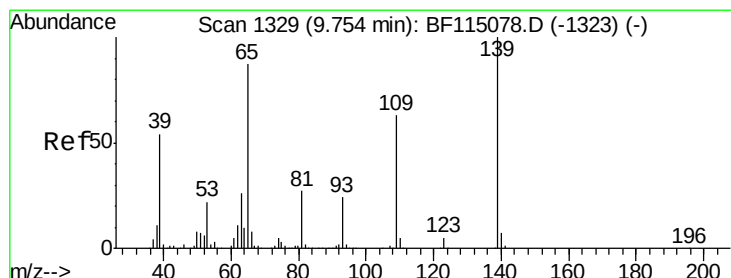
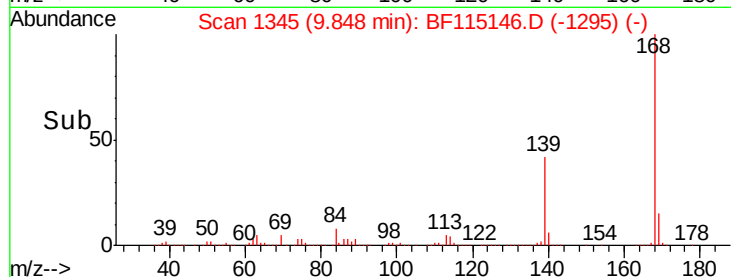
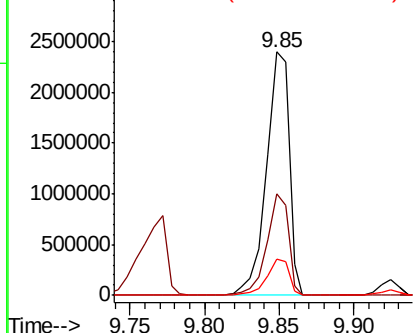


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 82.431 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

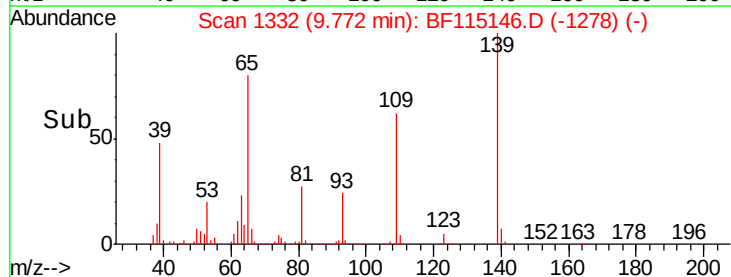
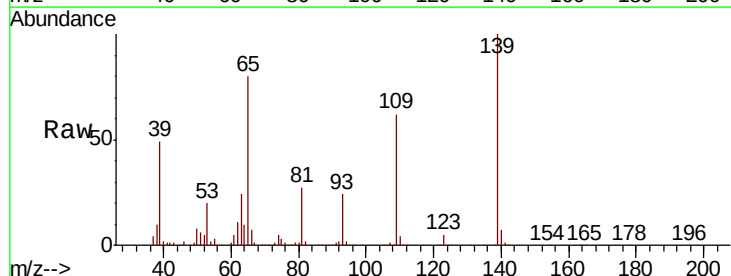
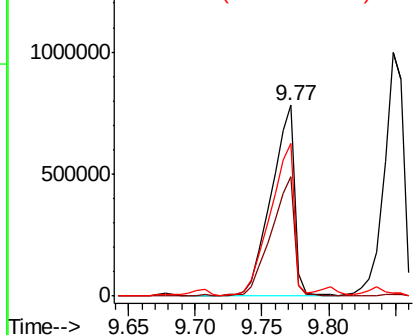
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	43.0	83.0
65	79.8	67.0	107.0

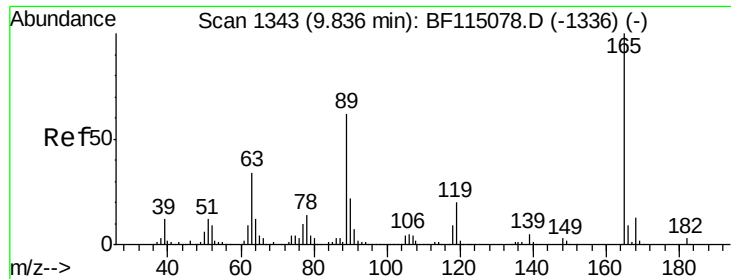
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 45.092 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

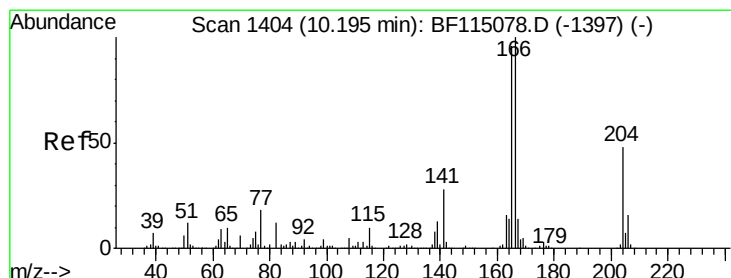
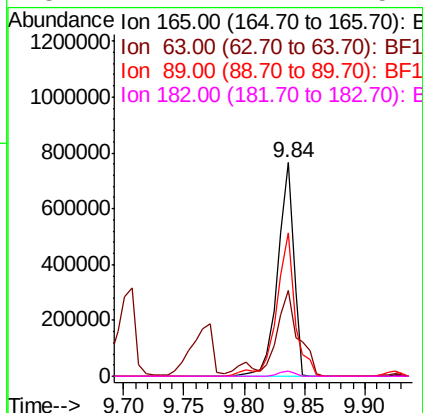
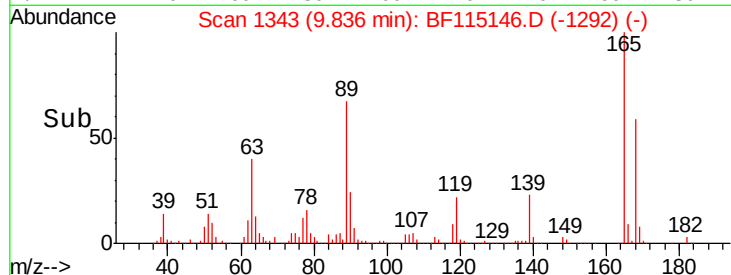
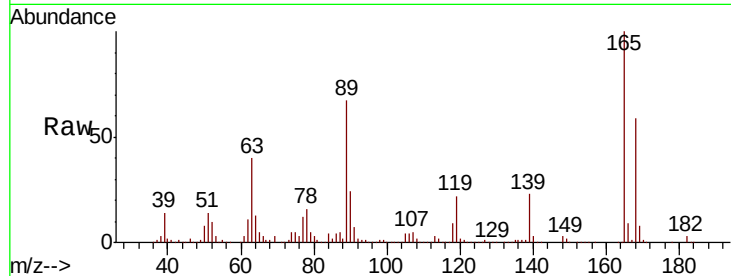
ClientSampleId :

PB120851BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.1	27.5	41.3
89	67.3	49.9	74.9
182	2.7	2.1	3.1

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#58

Fluorene

Concen: 40.050 ng

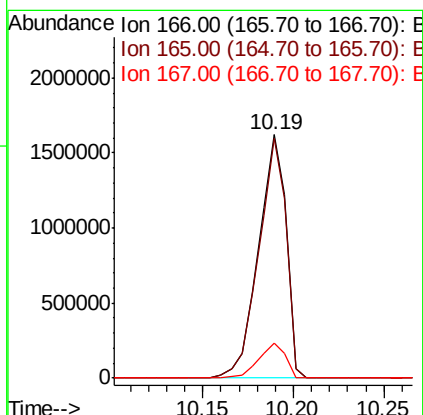
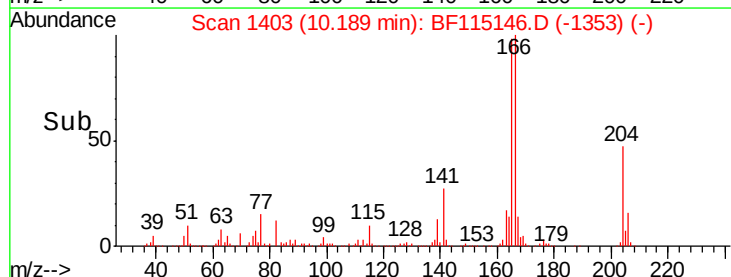
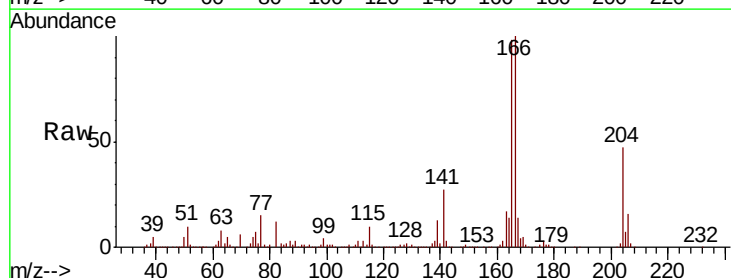
RT: 10.19 min Scan# 1403

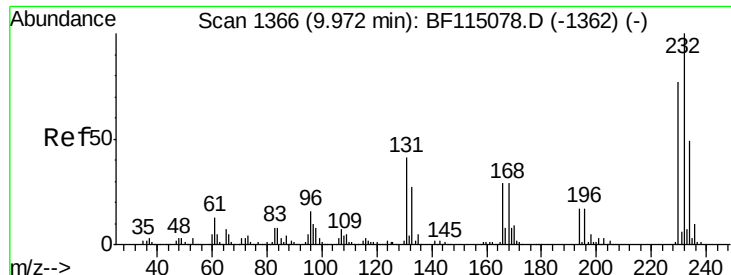
Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.4	76.5	114.7
167	14.1	11.0	16.4





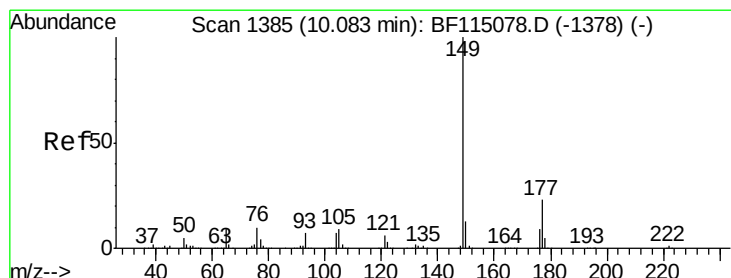
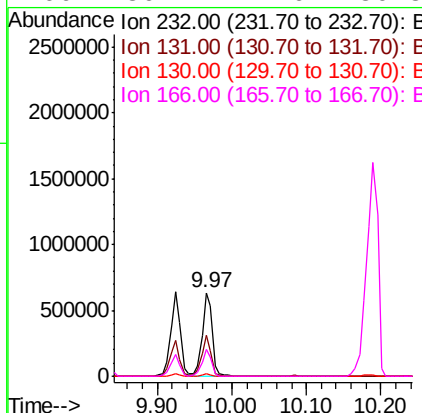
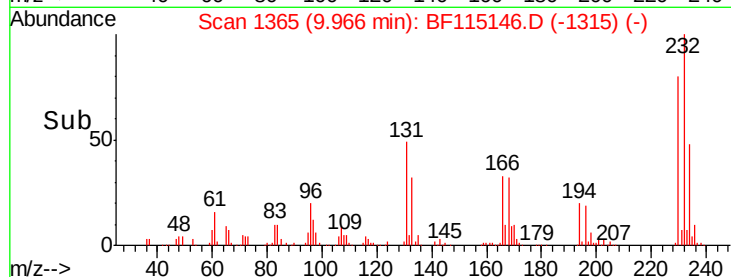
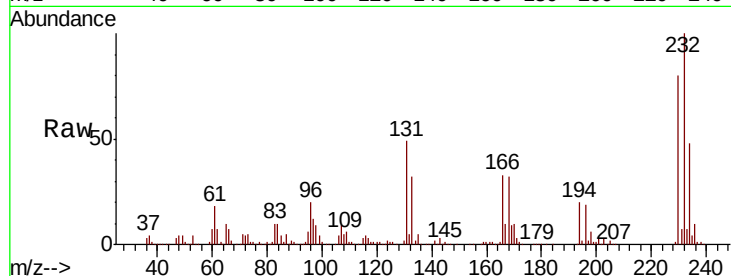
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.127 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.2	1.8	2.6
166	30.1	24.6	36.8

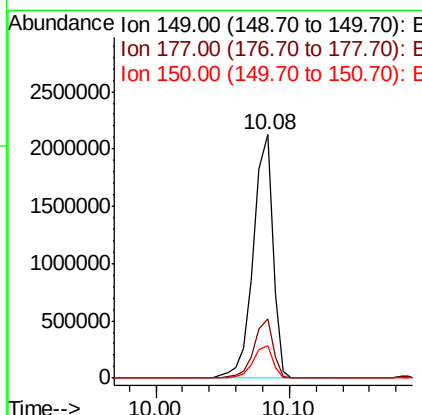
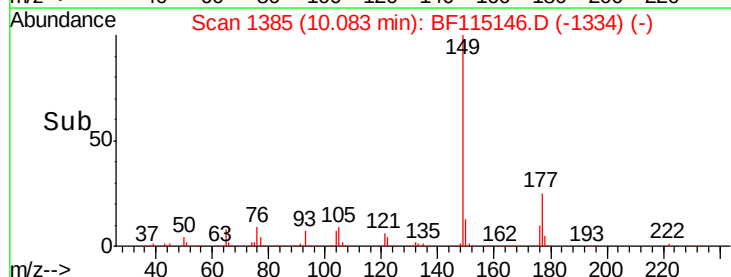
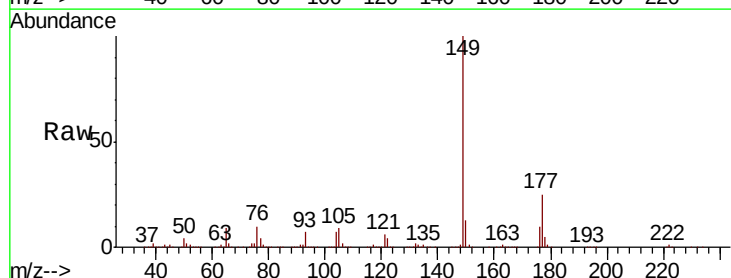
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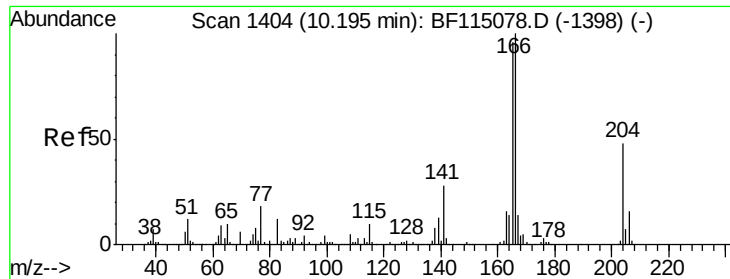
mohammad
 6/28/2019 8:25:07 AM



#60
 Diethylphthalate
 Concen: 41.195 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.7	28.1
150	13.5	10.4	15.6





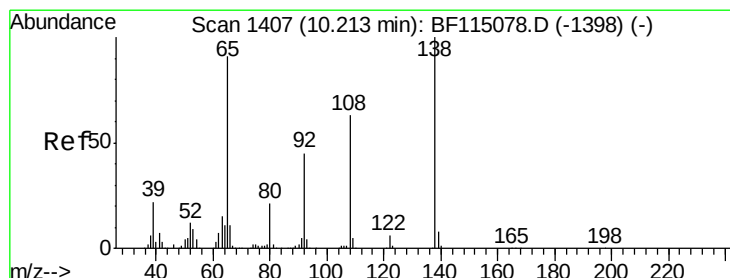
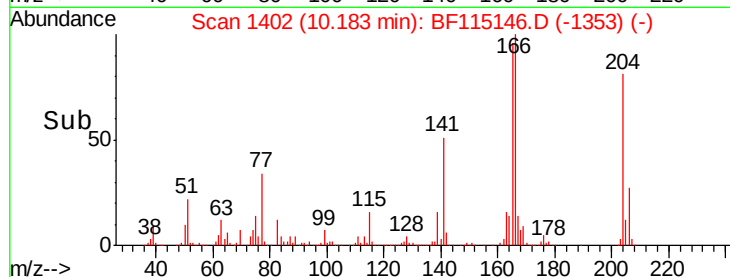
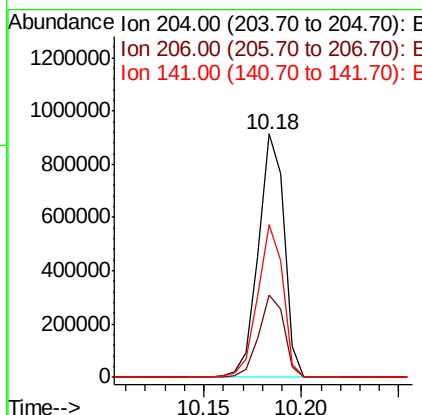
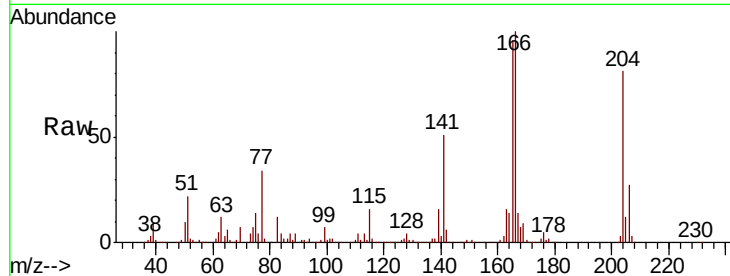
#61
4-Chlorophenyl-phenylether
Concen: 41.226 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	40.0
141	62.7	46.7	70.1

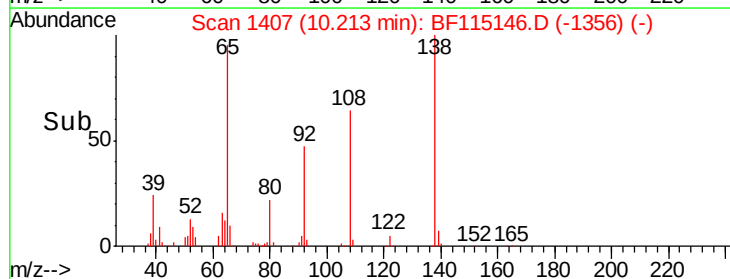
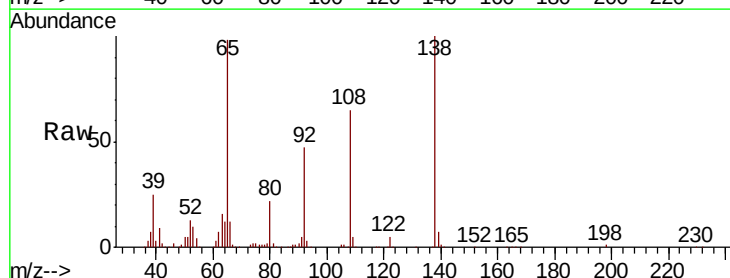
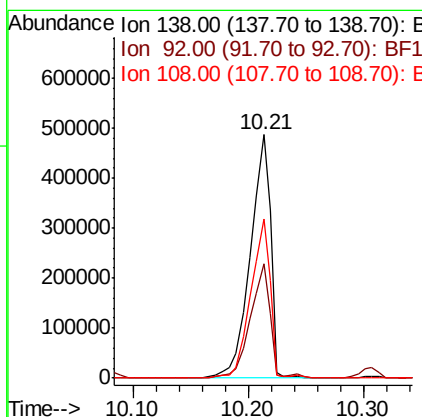
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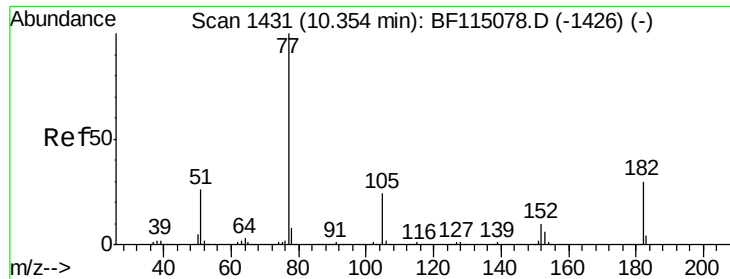
mohammad
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#62
4-Nitroaniline
Concen: 41.034 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	24.8	64.8
108	65.2	43.3	83.3





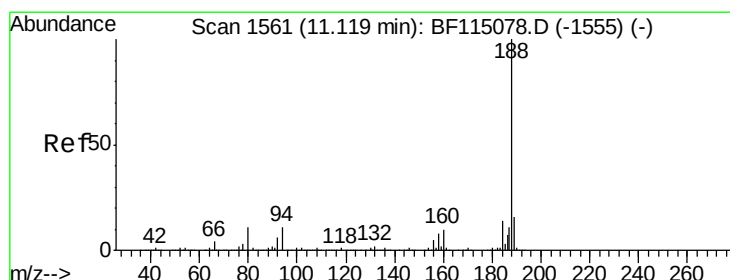
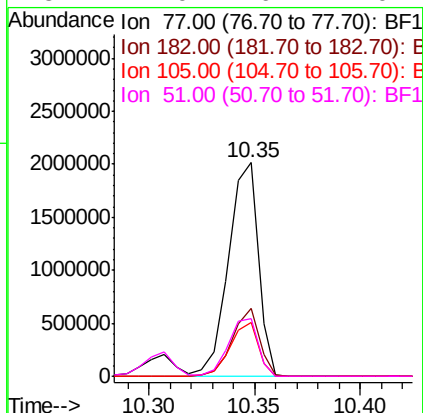
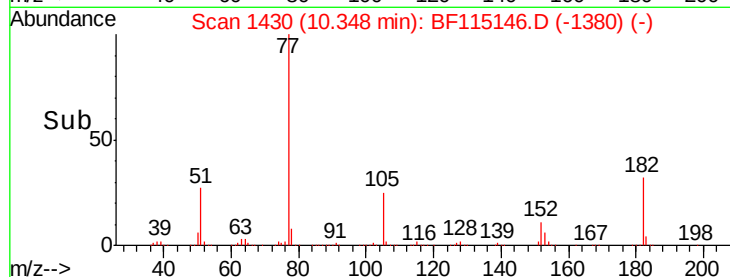
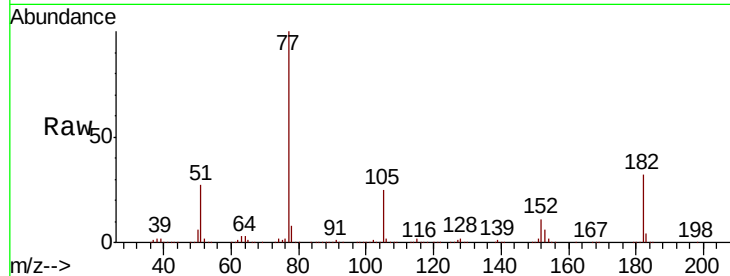
#63
Azobenzene
Concen: 40.654 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.8	10.1	50.1	
105	25.3	4.5	44.5	
51	27.0	6.4	46.4	

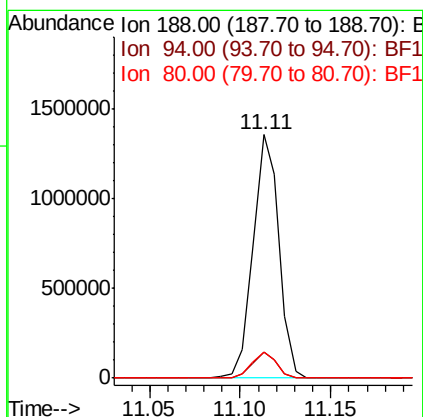
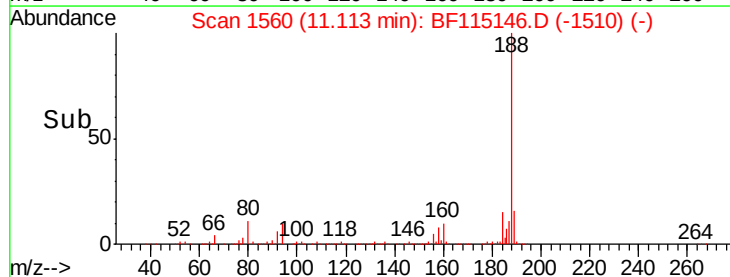
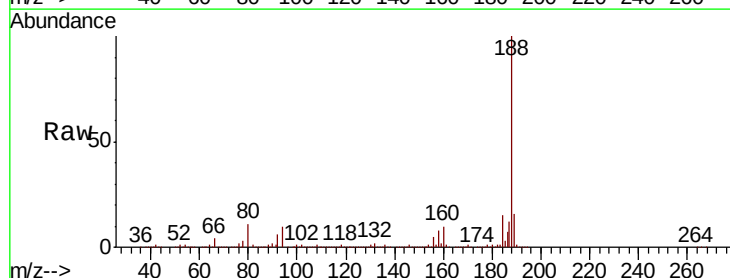
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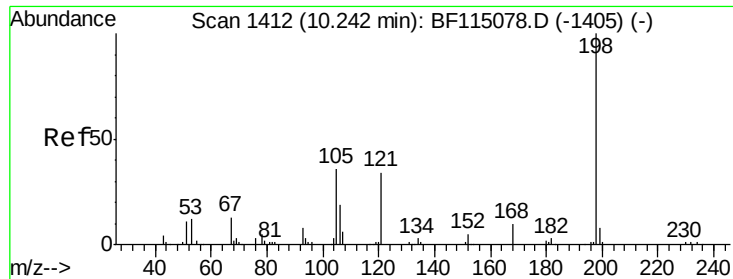
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.6	12.8	
80	10.9	8.8	13.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 48.072 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

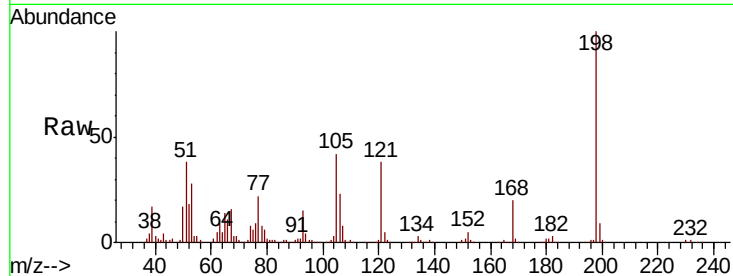
ClientSampleId :

PB120851BS

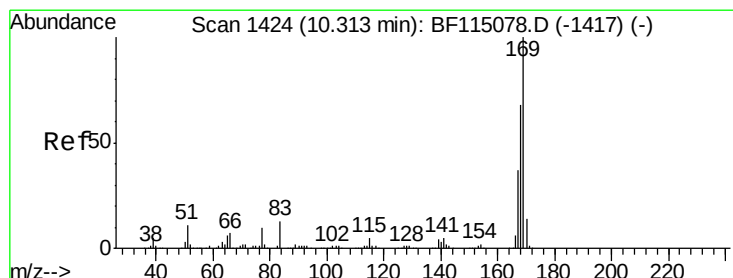
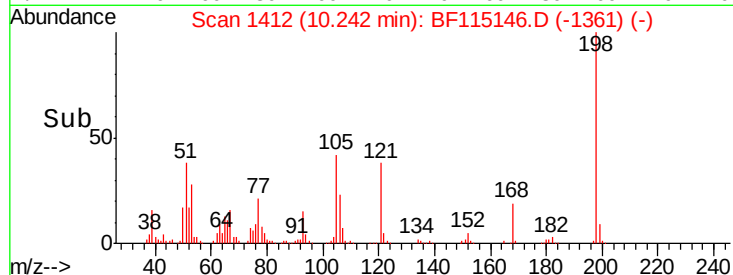
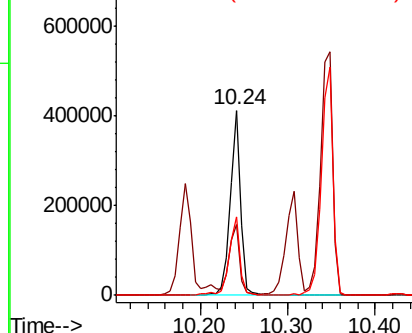
Tot Ion:	198	Resp:	341732
Ion Ratio	Lower	Upper	
198	100		
51	38.5	11.0	51.0
105	42.5	17.3	57.3

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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: 43.237 ng

RT: 10.31 min Scan# 1423

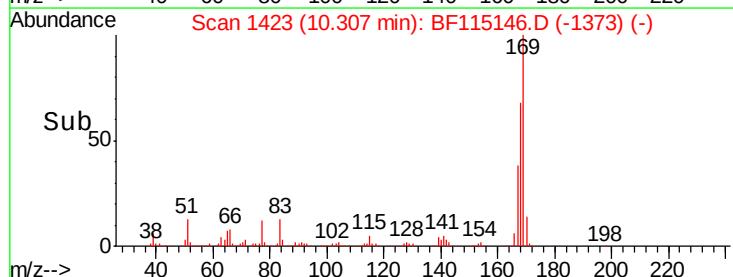
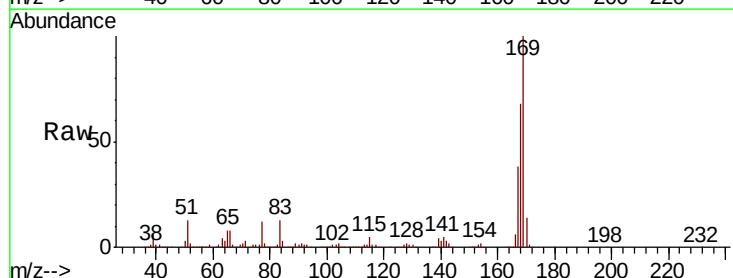
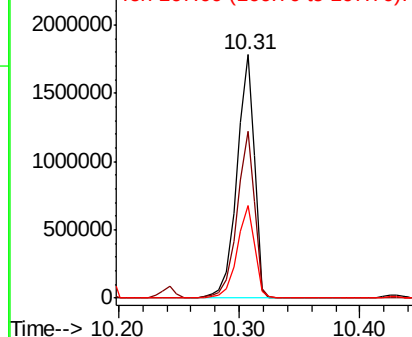
Delta R.T. -0.01 min

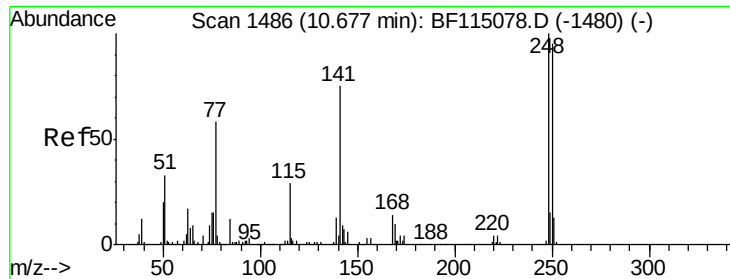
Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:	169	Resp:	1799366
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.2	81.4
167	38.1	29.4	44.0

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





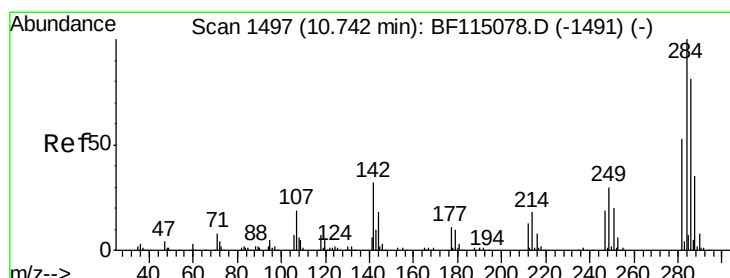
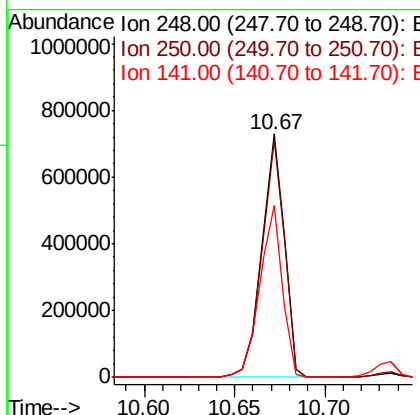
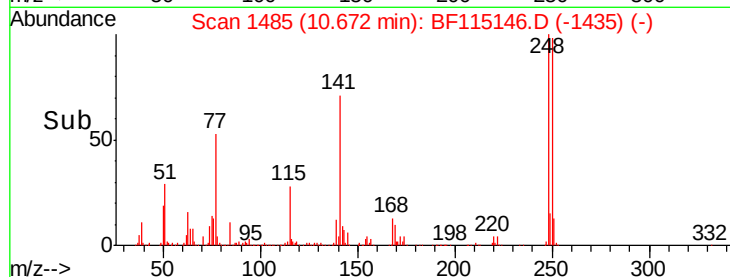
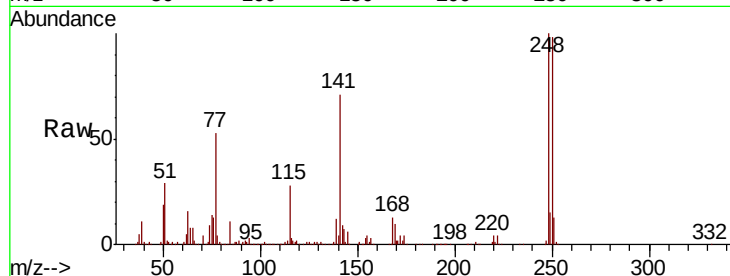
#67
4-Bromophenyl-phenylether
Concen: 43.829 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleID :
PB120851BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.2	114.2
141	70.7	59.6	89.4

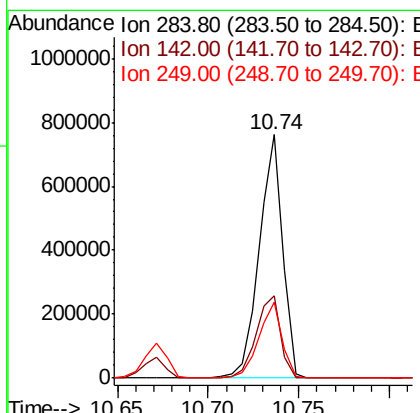
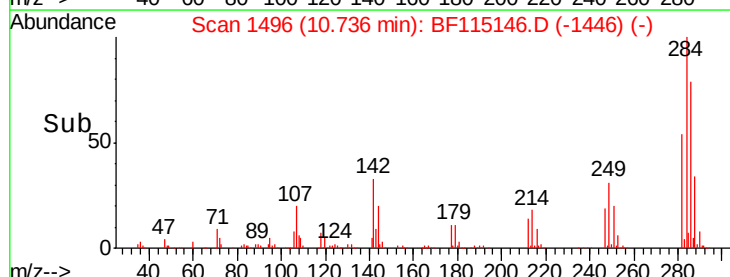
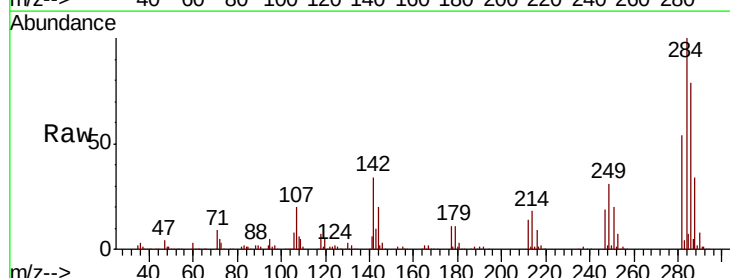
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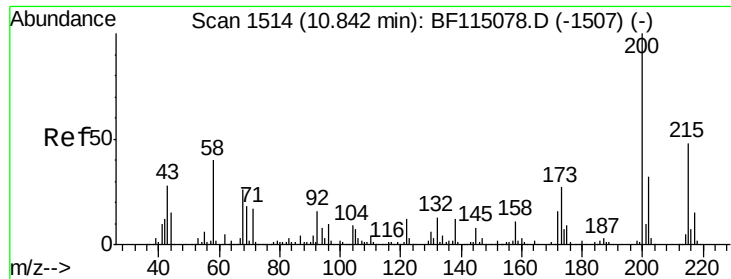
mohammad
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#68
Hexachlorobenzene
Concen: 43.431 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.8	38.8
249	31.3	24.2	36.4





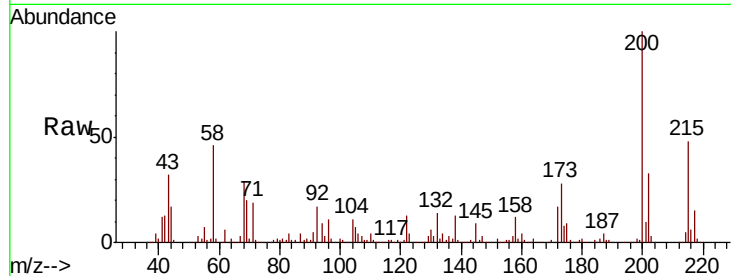
#69
Atrazine
Concen: 43.951 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.2	7.4	47.4
215	47.6	27.8	67.8

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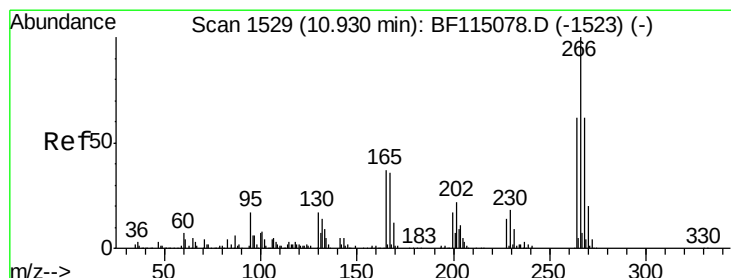
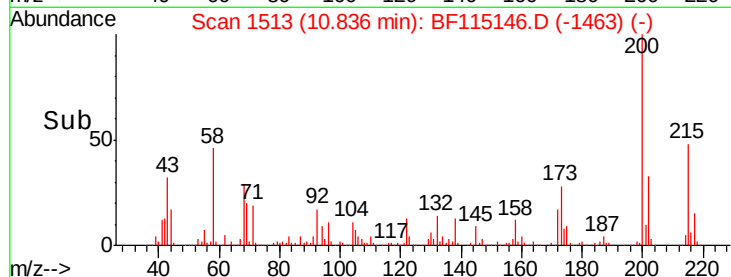
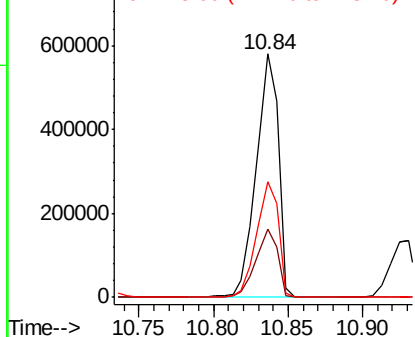


Abundance

Ion 200.00 (199.70 to 200.70): E

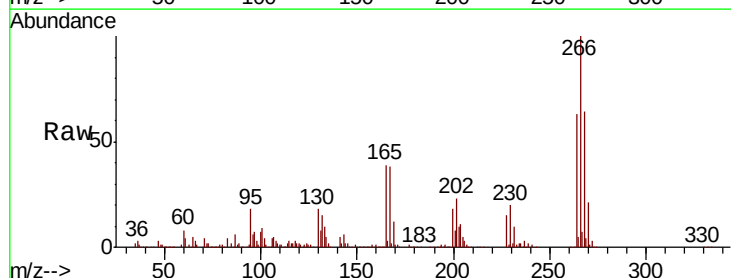
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.489 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	49.5	74.3
264	63.3	49.3	73.9

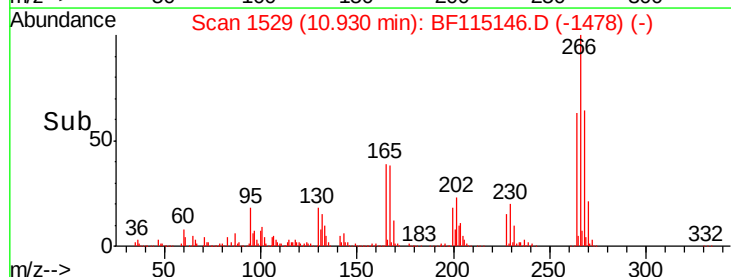
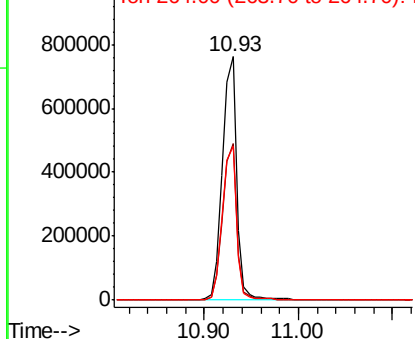


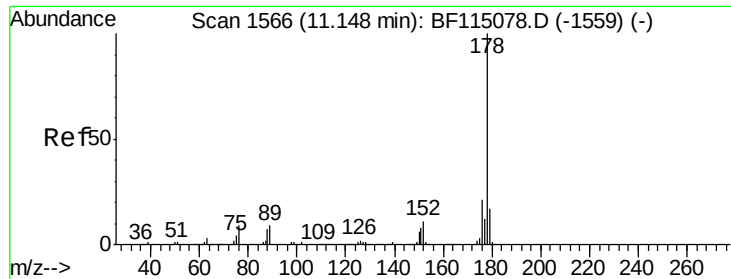
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.959 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion:178 Resp: 2802022

Ion Ratio Lower Upper

178 100

176 22.1 16.9 25.3

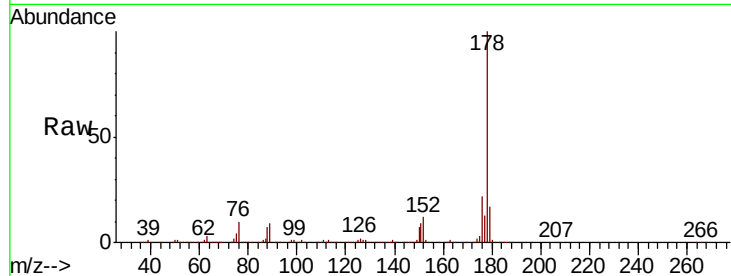
179 17.4 13.2 19.8

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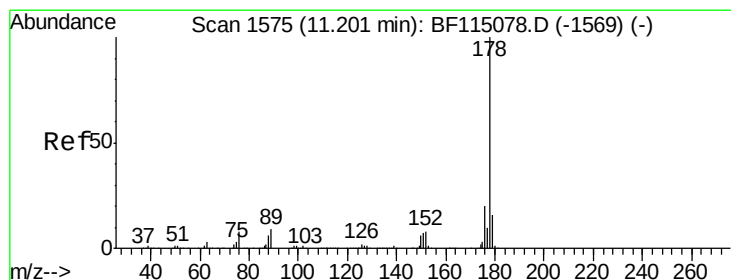
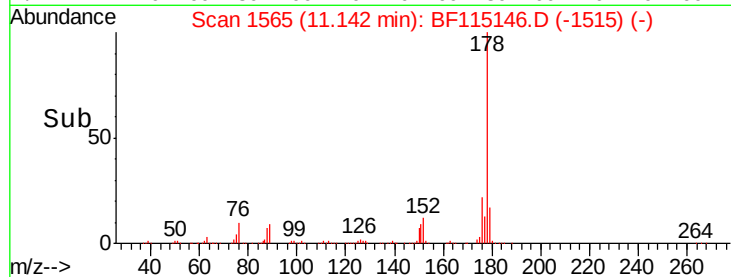
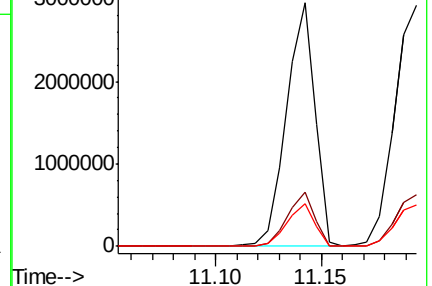
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.417 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:178 Resp: 2934274

Ion Ratio Lower Upper

178 100

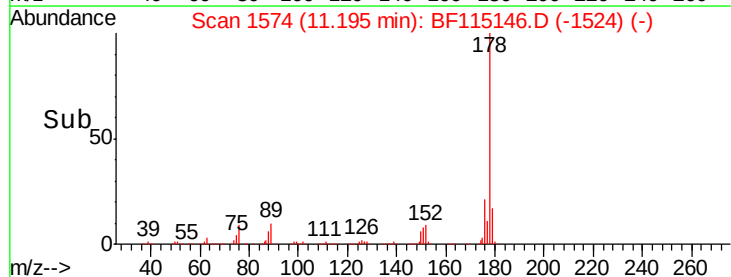
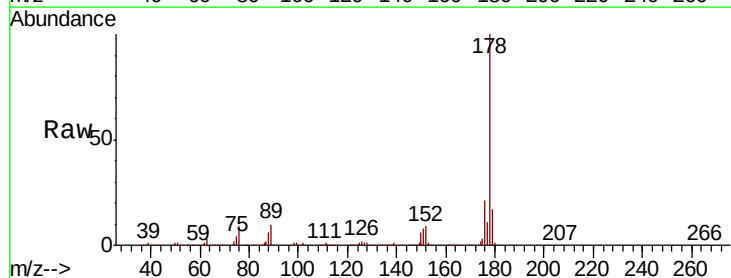
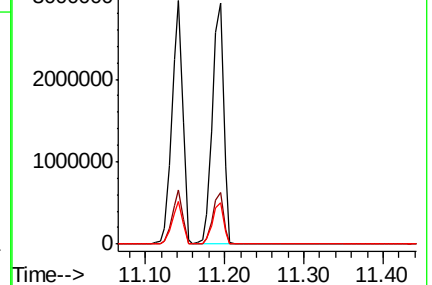
176 21.3 16.1 24.1

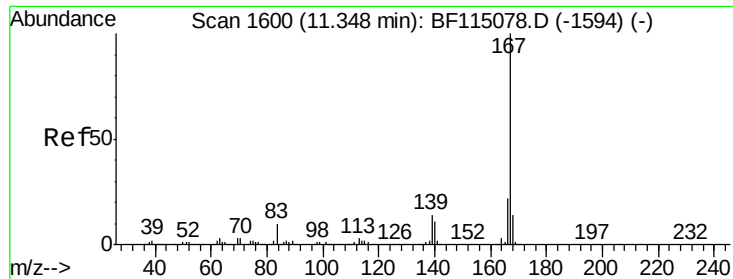
179 17.4 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 41.000 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

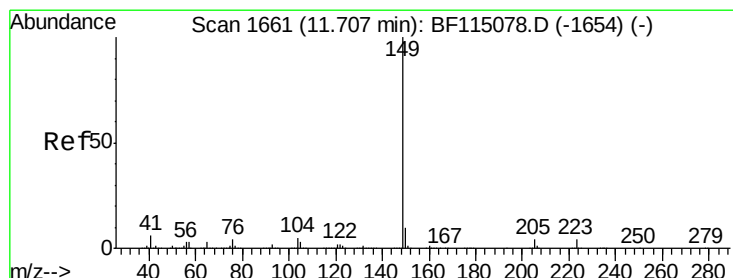
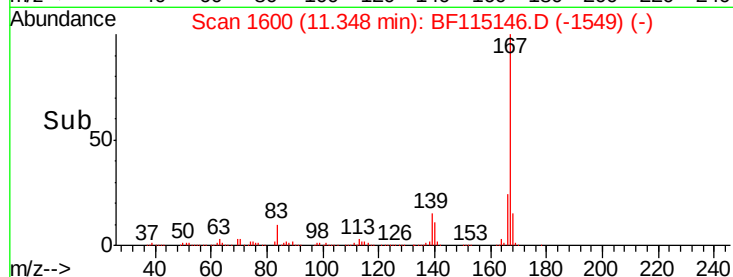
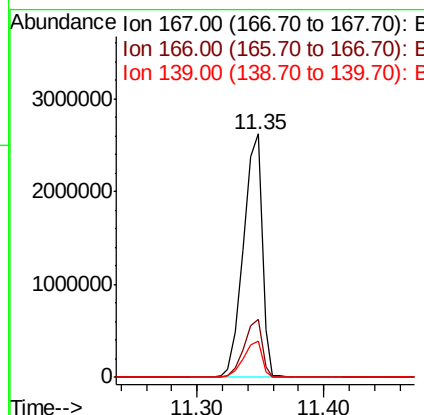
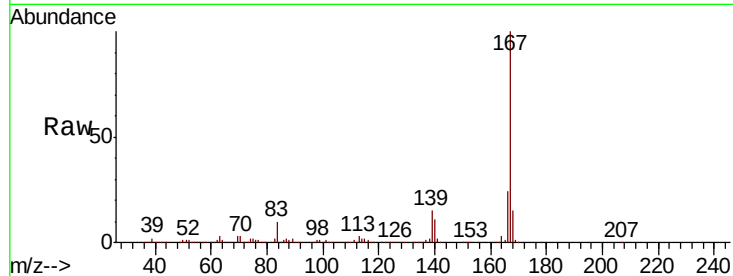
Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion:167 Resp: 2658003

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.0	27.0
139	14.7	11.1	16.7

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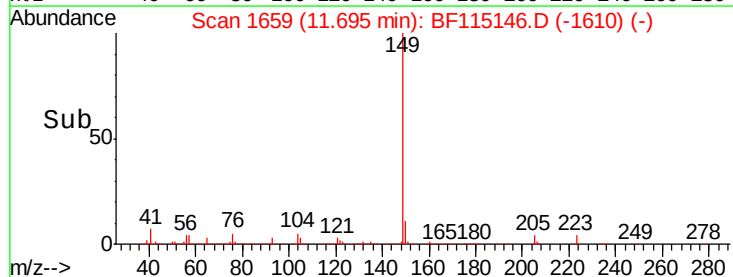
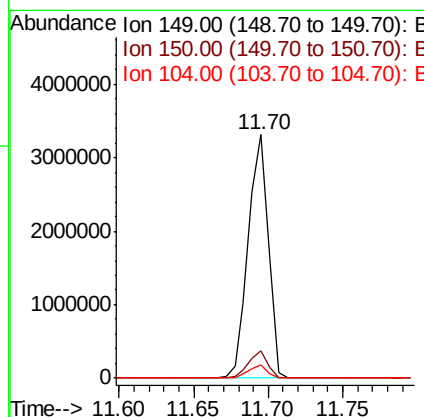
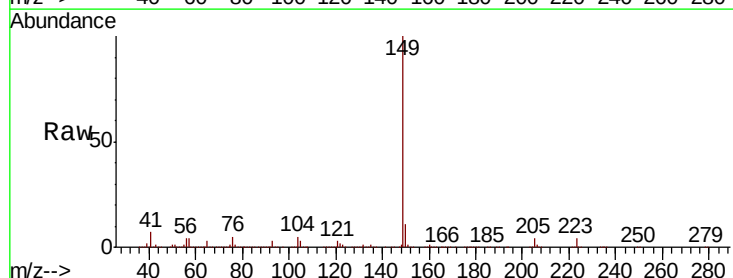
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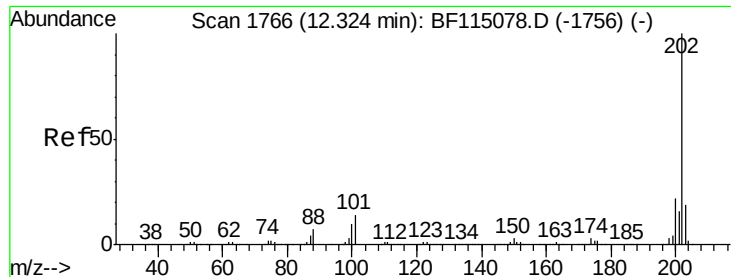


#74
 Di-n-butylphthalate
 Concen: 41.277 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion:149 Resp: 3092174

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.8	11.8
104	5.5	3.7	5.5





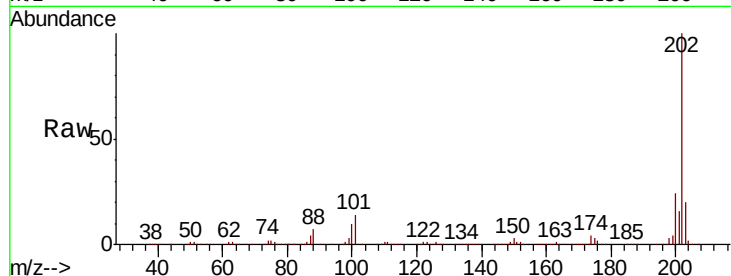
#75
Fluoranthene
Concen: 41.395 ng
RT: 12.32 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2970479		
101	13.8		0.0	34.0
203	19.8		0.0	38.8

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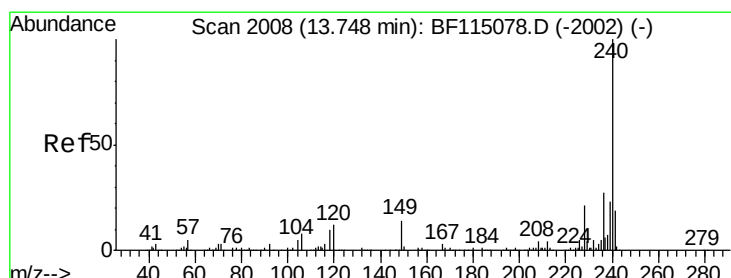
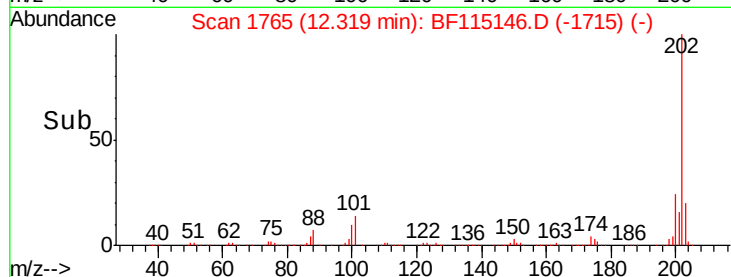
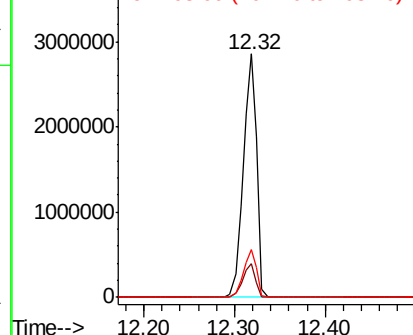


Abundance

Ion 202.00 (201.70 to 202.70): E

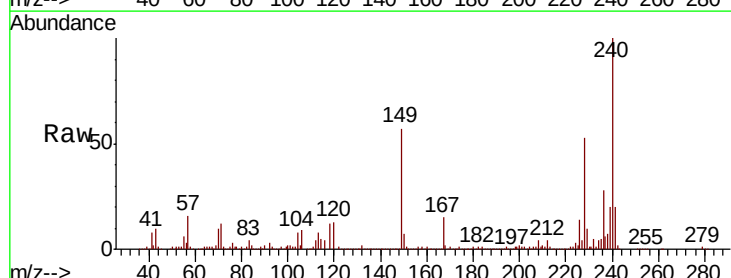
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	888865		
120	12.8		9.4	14.2
236	27.7		21.7	32.5

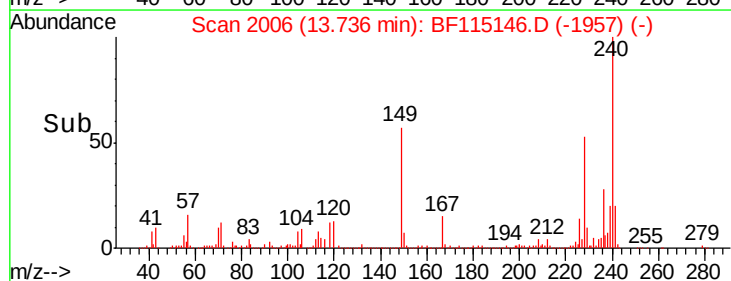
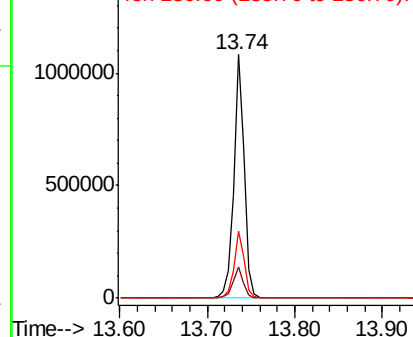


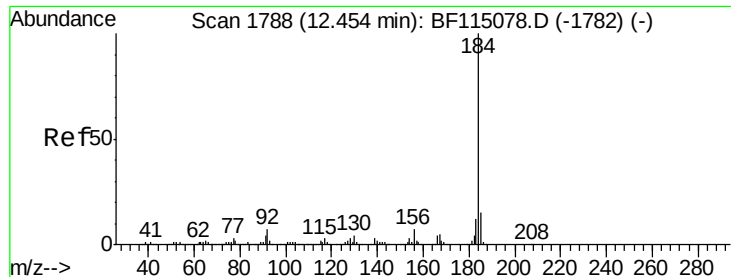
Abundance

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: 24.848 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

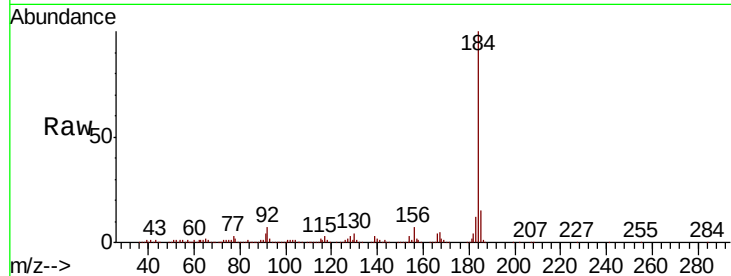
ClientSampleId :

PB120851BS

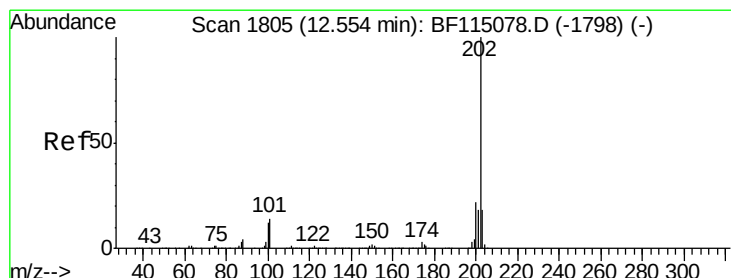
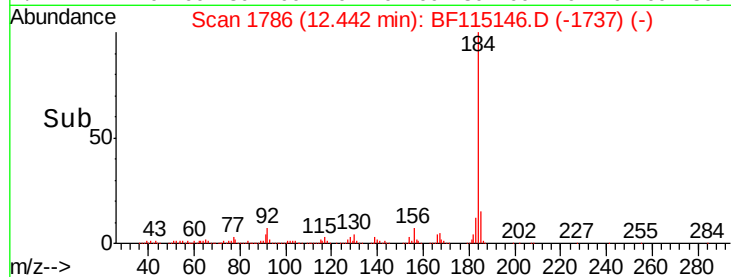
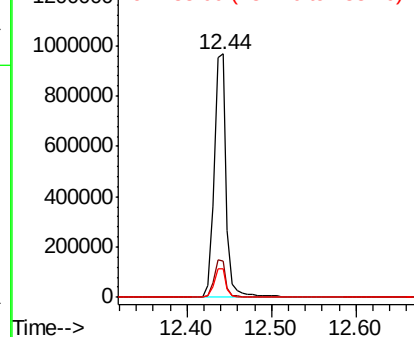
Tot Ion:	184	Resp:	980736
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	11.7	9.6	14.4

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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: 43.922 ng

RT: 12.54 min Scan# 1803

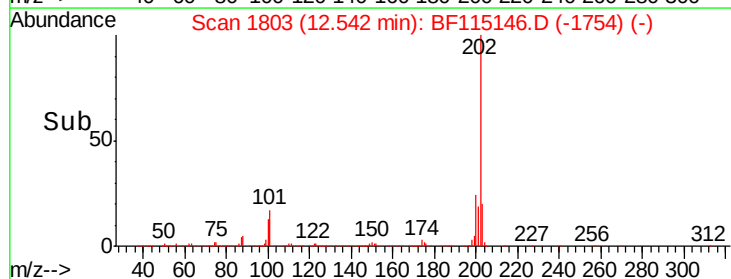
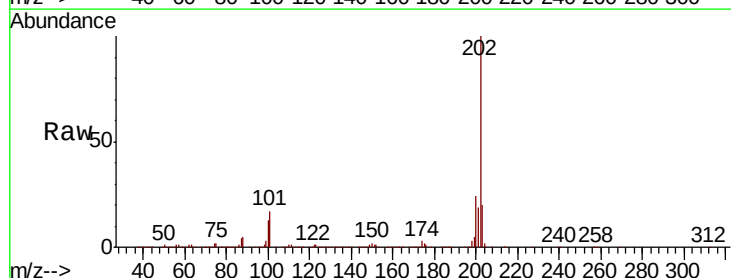
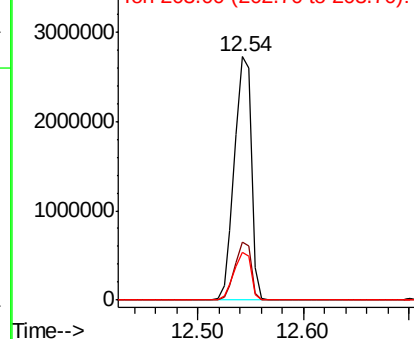
Delta R.T. -0.01 min

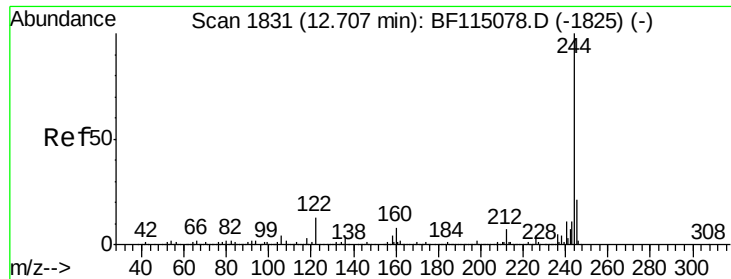
Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:	202	Resp:	3000307
Ion Ratio	Lower	Upper	
202	100		
200	23.7	17.9	26.9
203	19.7	14.6	21.8

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





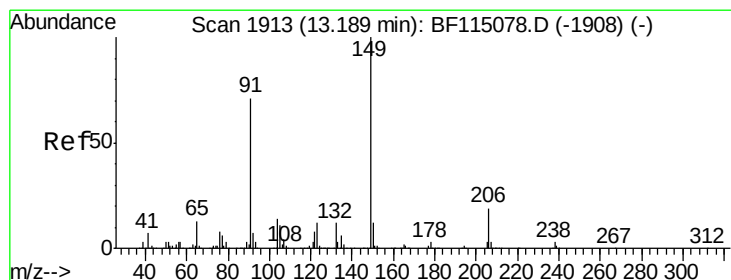
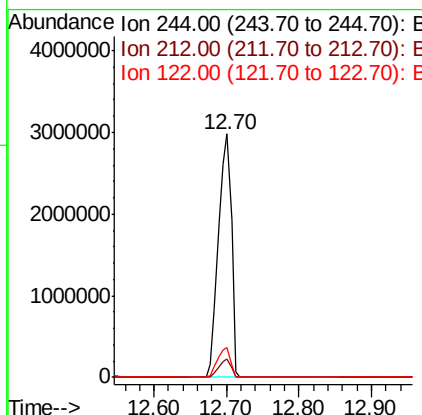
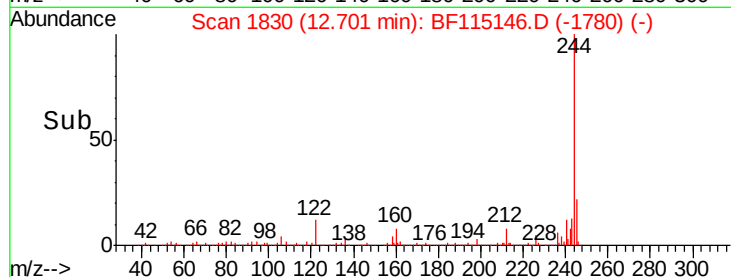
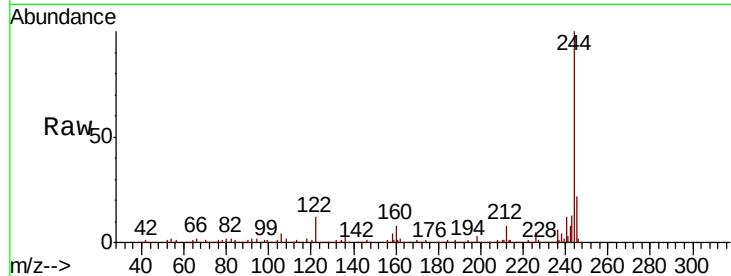
#79
 Terphenyl-d14
 Concen: 88.704 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	12.1	10.4	15.6

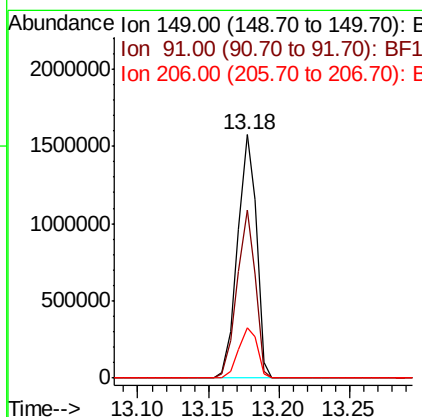
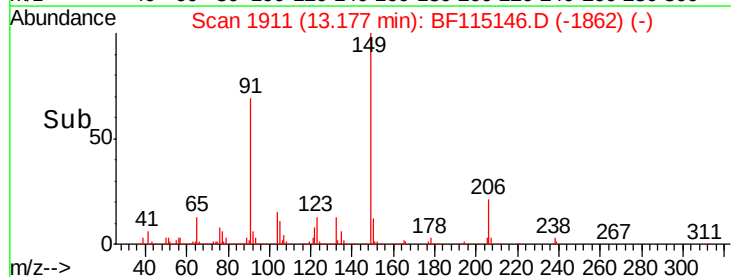
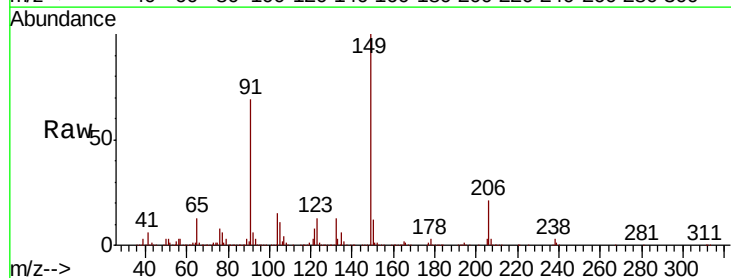
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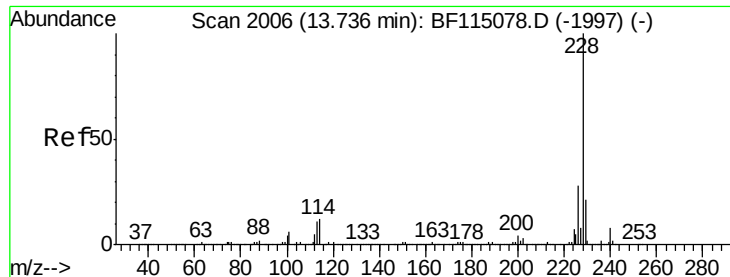
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#80
 Butylbenzylphthalate
 Concen: 48.546 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115146.D
 Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.5	84.7
206	20.5	15.3	22.9





#81

Benzo(a)anthracene

Concen: 43.733 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

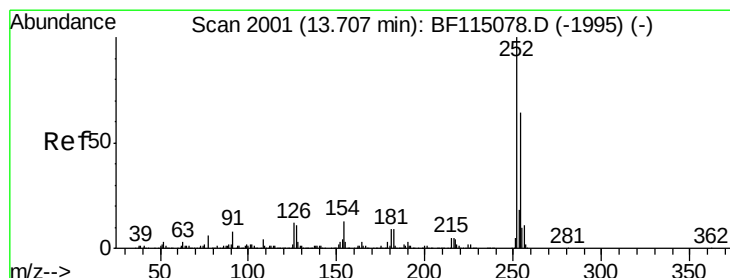
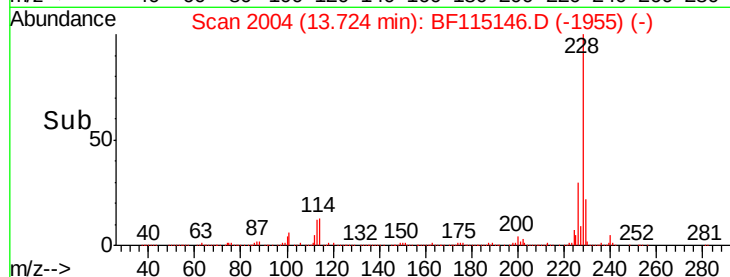
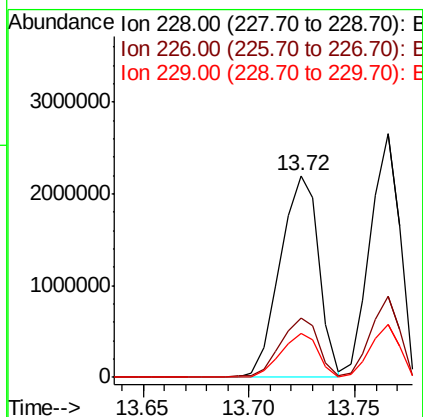
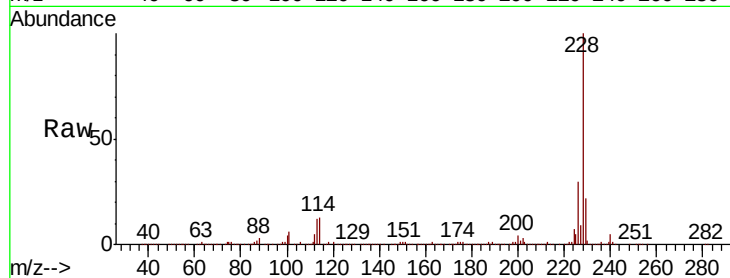
ClientSampleId :

PB120851BS

Tot Ion:	228	Resp:	2789240
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	21.6	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 38.699 ng

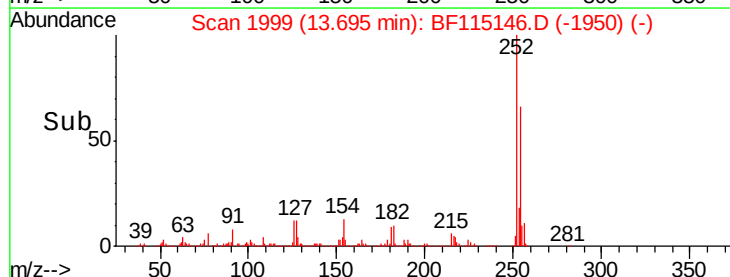
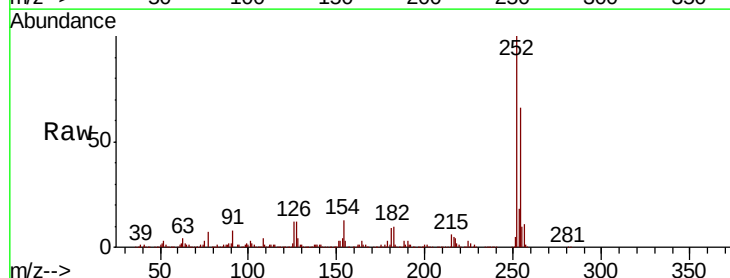
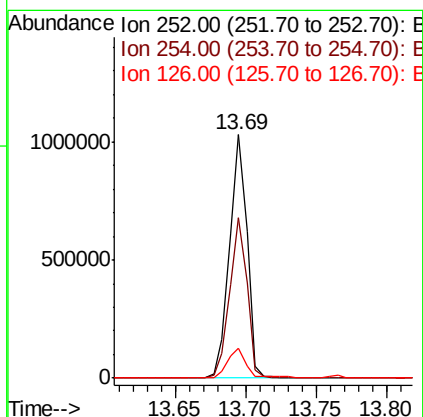
RT: 13.69 min Scan# 1999

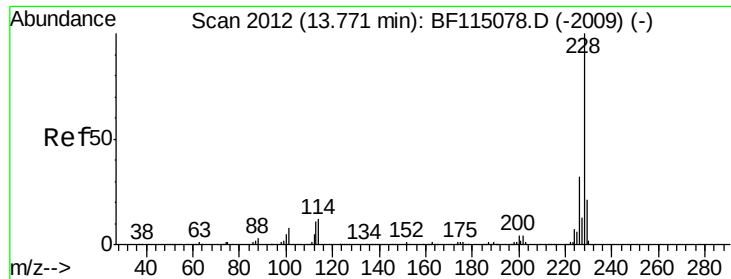
Delta R.T. -0.01 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Tgt Ion:	252	Resp:	891301
Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.1	76.7
126	12.3	9.4	14.0





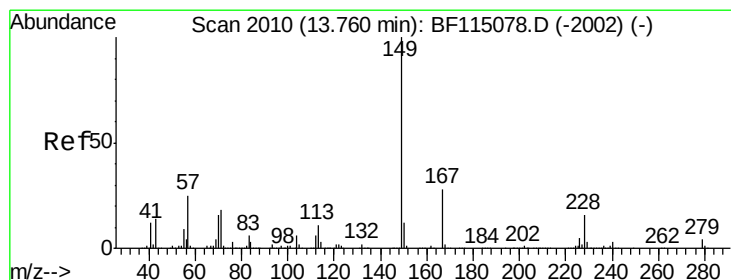
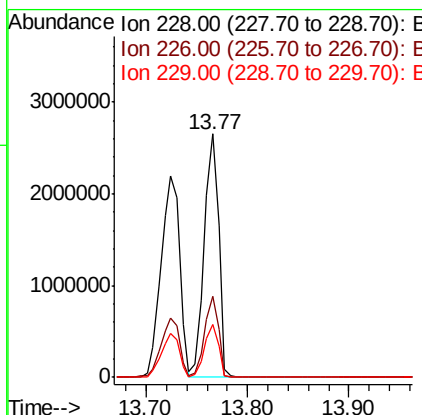
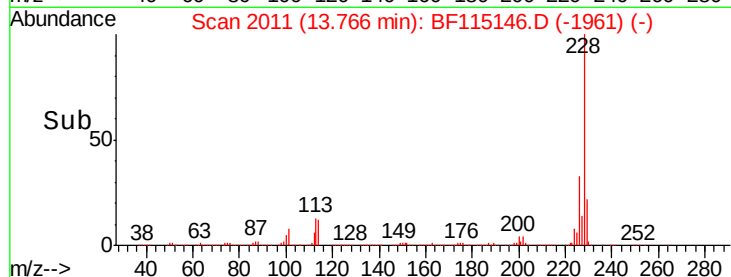
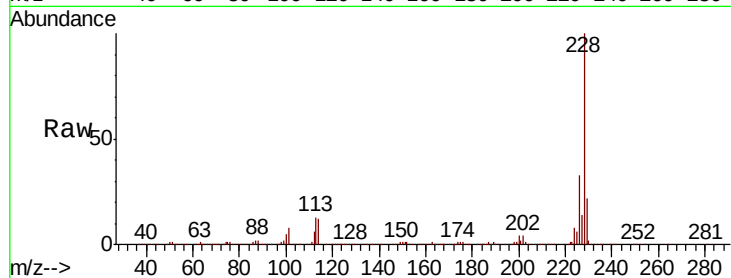
#83
Chrysene
Concen: 44.729 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion:228 Resp: 2613204
Ion Ratio Lower Upper
228 100
226 33.3 25.4 38.0
229 21.8 16.5 24.7

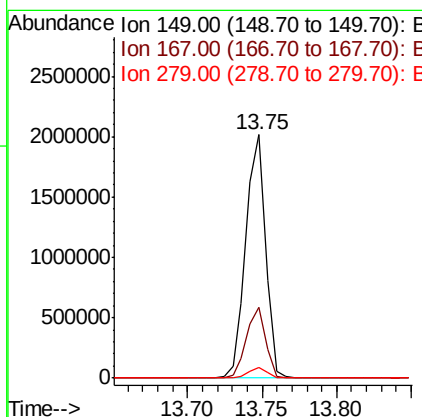
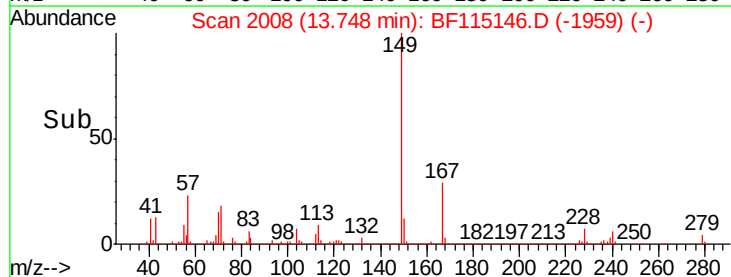
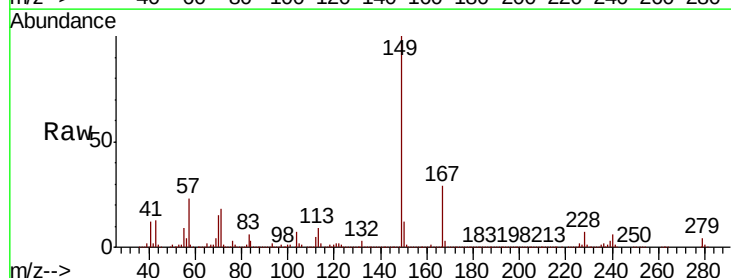
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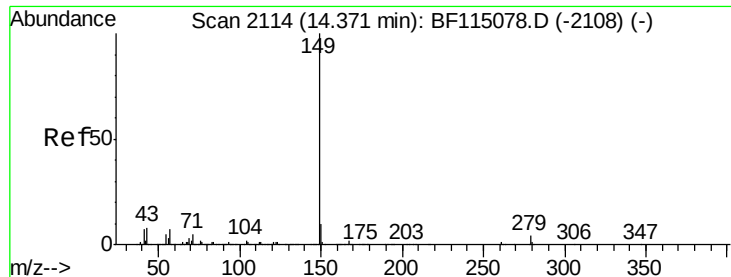
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.886 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion:149 Resp: 1852039
Ion Ratio Lower Upper
149 100
167 29.1 22.2 33.4
279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 47.236 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion:149 Resp: 3134961

Ion Ratio Lower Upper

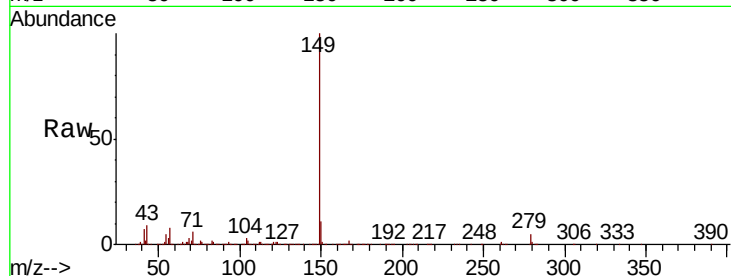
149 100

167 1.7 1.2 1.8

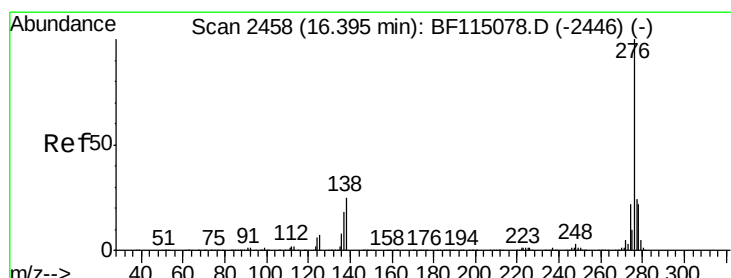
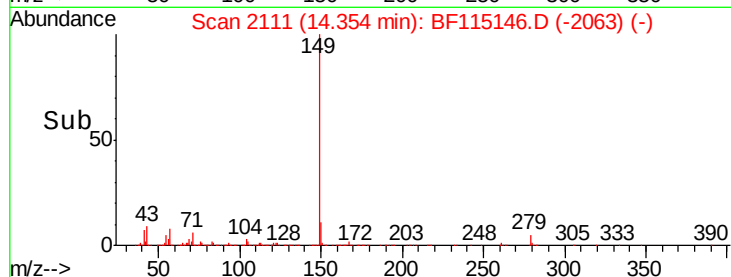
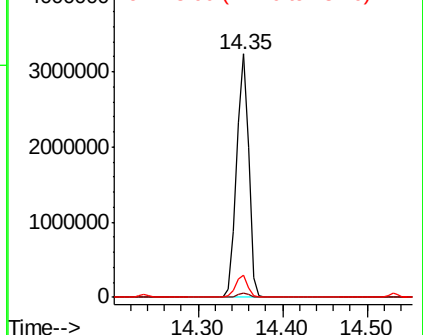
43 8.9 7.0 10.6

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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: 39.722 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

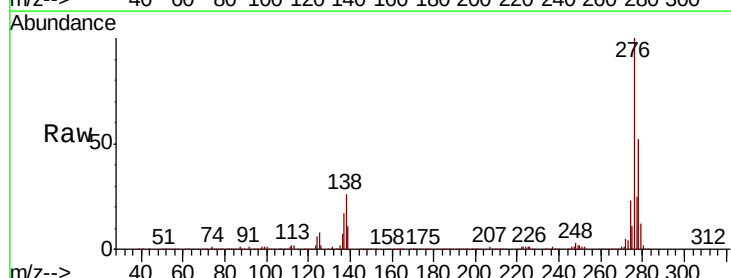
Tgt Ion:276 Resp: 2746070

Ion Ratio Lower Upper

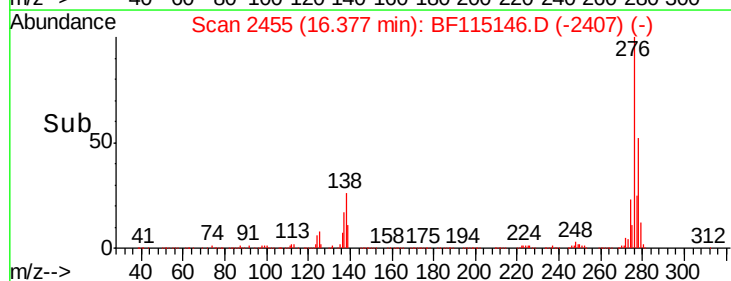
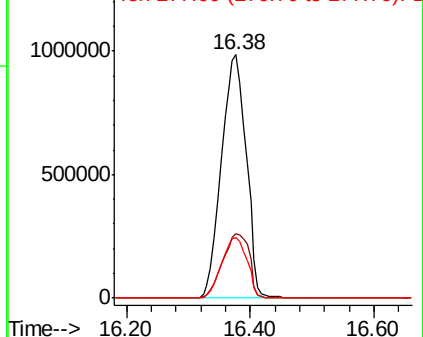
276 100

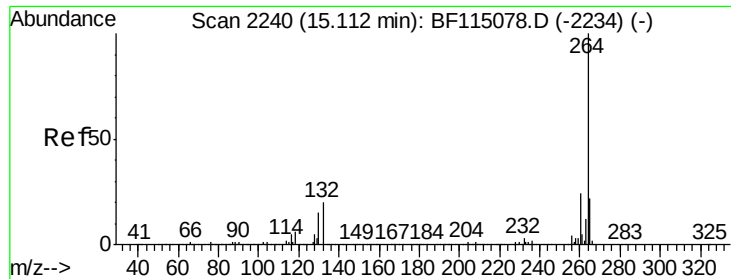
138 28.3 23.2 34.8

277 25.6 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





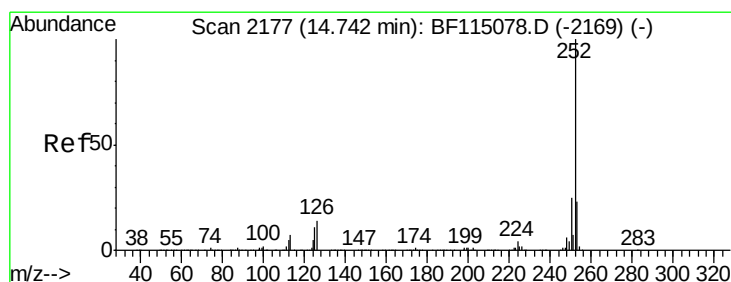
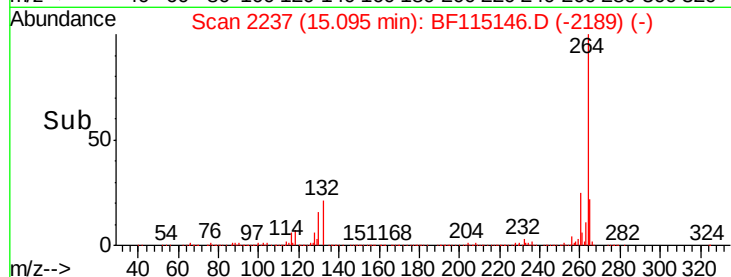
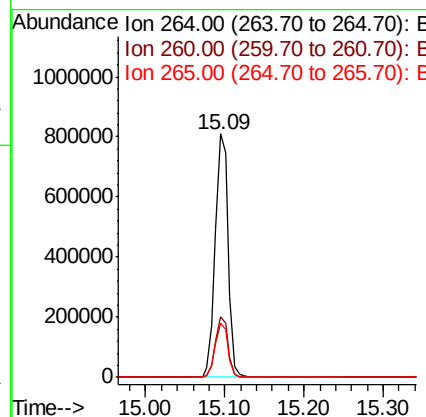
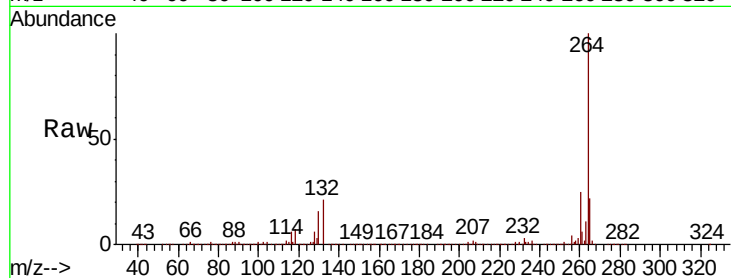
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampled :
PB120851BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.5	17.3	25.9

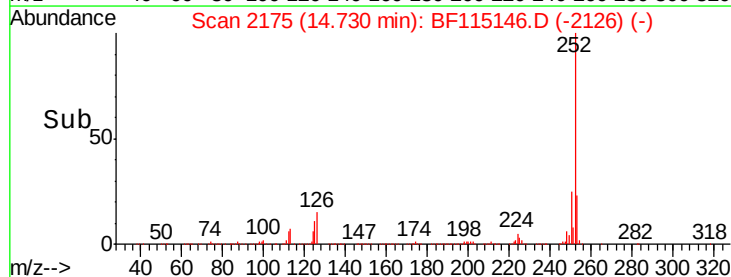
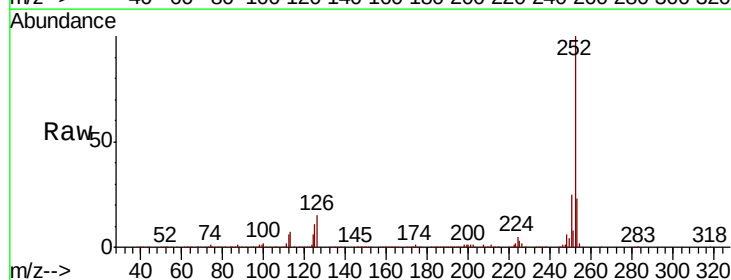
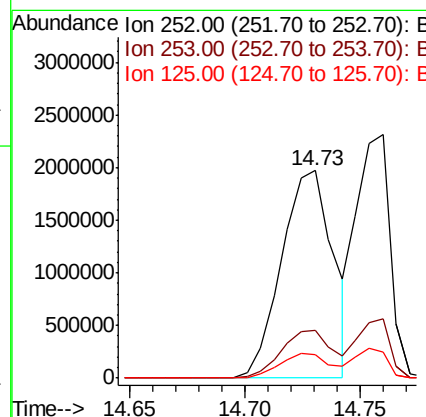
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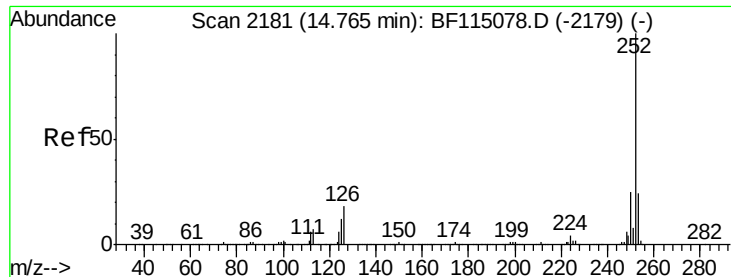
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#88
Benzo(b)fluoranthene
Concen: 53.633 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.1	8.7	13.1





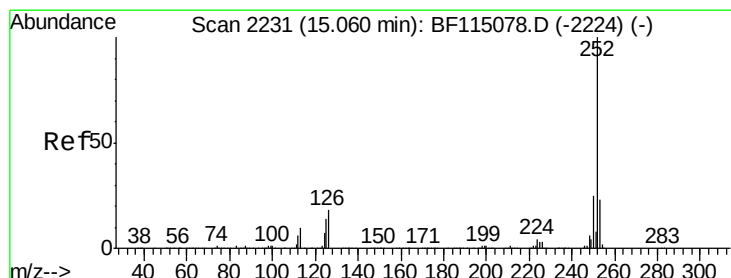
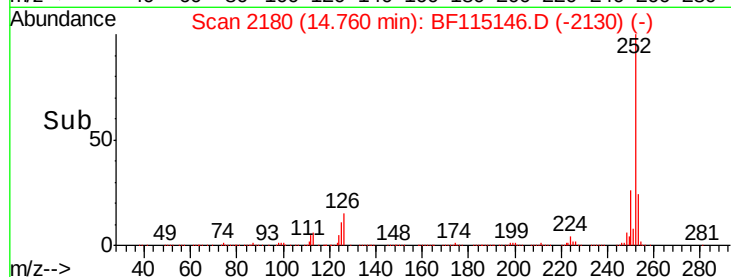
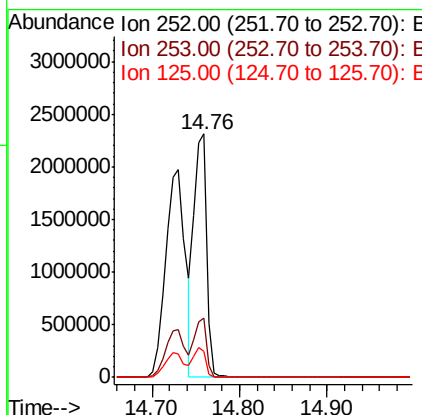
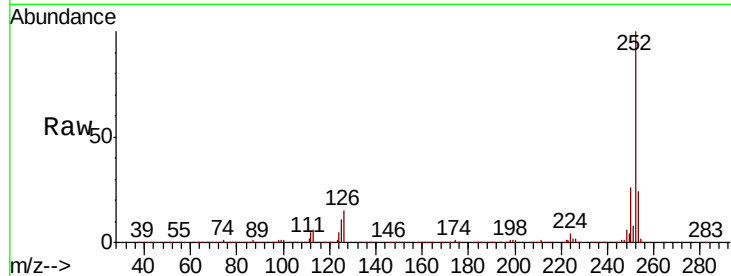
#89
Benzo(k)fluoranthene
Concen: 46.344 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Instrument :
BNA_F
ClientSampleId :
PB120851BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	10.7	10.2	15.2

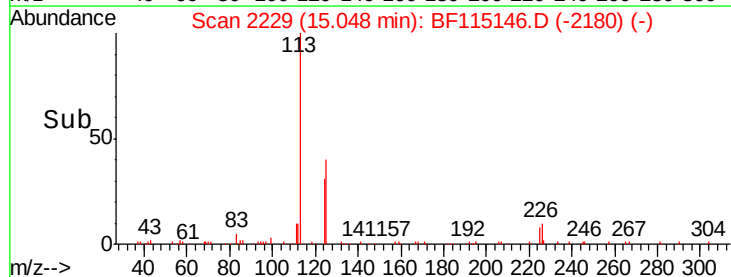
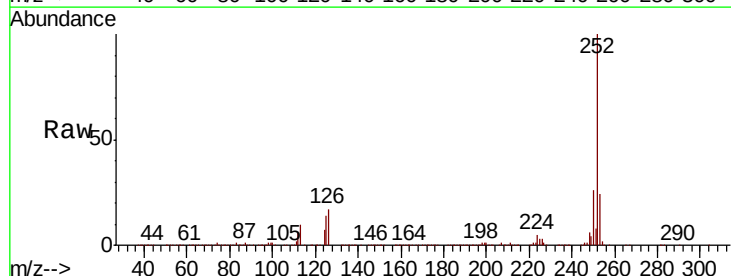
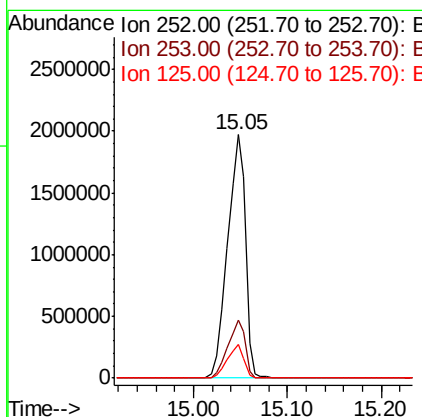
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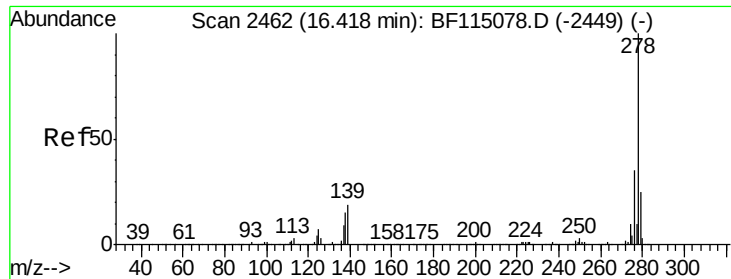
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#90
Benzo(a)pyrene
Concen: 50.749 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115146.D
Acq: 24 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	13.7	10.9	16.3





#91

Dibenzo(a,h)anthracene

Concen: 47.154 ng

RT: 16.39 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

Instrument :

BNA_F

ClientSampleId :

PB120851BS

Tot Ion:278 Resp: 2262397

Ion Ratio Lower Upper

278 100

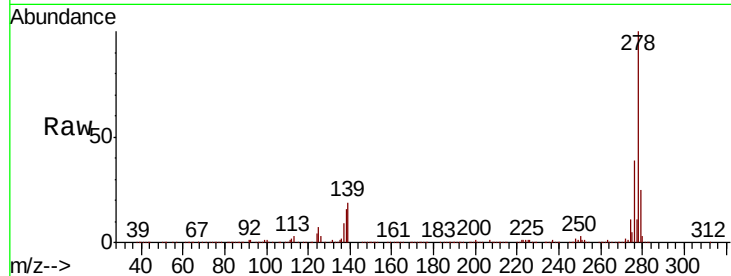
139 19.0 15.4 23.2

279 25.0 19.9 29.9

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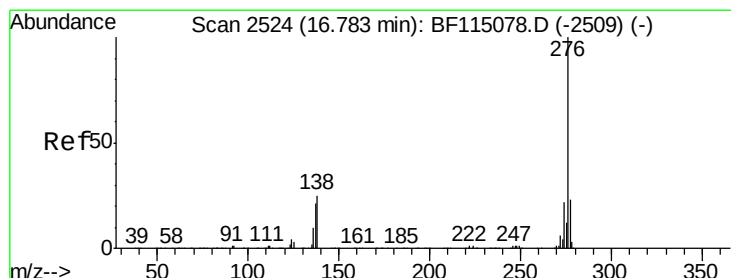
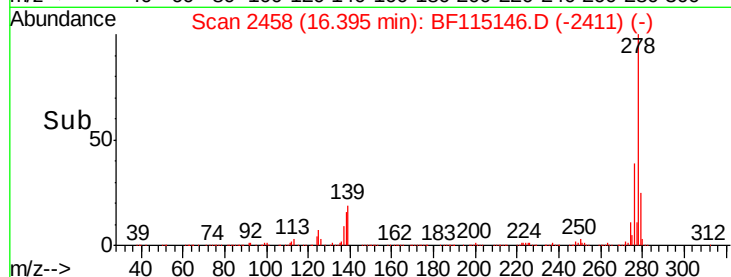
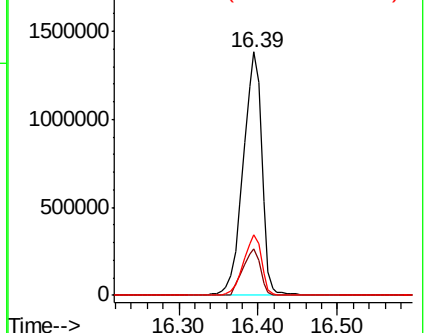
6/28/2019 8:25:07 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.873 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF115146.D

Acq: 24 Jun 2019 13:25

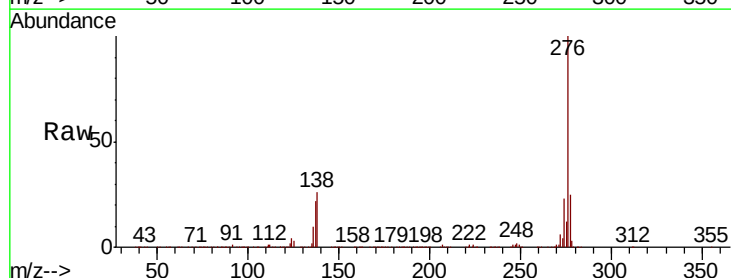
Tgt Ion:276 Resp: 2276170

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 25.6 19.8 29.6



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

