

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115236.D
 Acq On : 27 Jun 2019 15:14
 Operator : HP/JU
 Sample : K3509-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Manual Integrations
 APPROVED

mohammad
 6/28/2019 2:58:28 PM

Quant Time: Jun 28 05:36:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	252531	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	945084	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	459040	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	901368	20.00	ng	0.00
76) Chrysene-d12	13.72	240	626272	20.00	ng	0.00
87) Perylene-d12	15.08	264	590549	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1693235	103.47	ng	0.01
7) Phenol-d6	6.25	99	2140653	107.77	ng	0.01
23) Nitrobenzene-d5	7.17	82	1289109	83.91	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	562580	116.22	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2291072	84.78	ng	0.00
79) Terphenyl-d14	12.68	244	2540671	86.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	206156	26.693	ng	99
3) Pyridine	2.84	79	420172	19.302	ng	96
4) n-Nitrosodimethylamine	2.77	42	251662	29.491	ng	95
6) Aniline	6.26	93	504151	18.468	ng	# 1
8) 2-Chlorophenol	6.38	128	631648	34.327	ng	98
9) Benzaldehyde	6.14	77	395363	30.510	ng	99
10) Phenol	6.26	94	758435	32.598	ng	99
11) bis(2-Chloroethyl)ether	6.34	93	563773	32.872	ng	99
12) 1,3-Dichlorobenzene	6.54	146	661399	32.387	ng	99
13) 1,4-Dichlorobenzene	6.62	146	676267	33.024	ng	99
14) 1,2-Dichlorobenzene	6.77	146	627376	33.082	ng	99
15) Benzyl Alcohol	6.75	79	486765	33.655	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	776486	31.216	ng	97
17) 2-Methylphenol	6.87	107	534480	35.190	ng	98
18) Hexachloroethane	7.11	117	227515	30.817	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	395269	31.084	ng	100
20) 3+4-Methylphenols	7.02	107	617123	35.188	ng	# 87
22) Acetophenone	7.01	105	824468	38.106	ng	# 96
24) Nitrobenzene	7.18	77	627194	37.056	ng	97
25) Isophorone	7.42	82	1118373	35.535	ng	99
26) 2-Nitrophenol	7.50	139	339903	40.665	ng	95
27) 2,4-Dimethylphenol	7.55	122	568163	41.516	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	712341	35.810	ng	100
29) 2,4-Dichlorophenol	7.74	162	540461	38.268	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	573920	36.789	ng	100
31) Naphthalene	7.90	128	1739353	37.493	ng	100
32) Benzoic acid	7.62	122	22902m	2.344	ng	
33) 4-Chloroaniline	7.95	127	422277	19.917	ng	99
34) Hexachlorobutadiene	8.03	225	309372	36.188	ng	98
35) Caprolactam	8.32	113	166644m	35.095	ng	
36) 4-Chloro-3-methylphenol	8.44	107	544144	38.044	ng	98
37) 2-Methylnaphthalene	8.60	142	1179215	37.699	ng	97
38) 1-Methylnaphthalene	8.69	142	1120562	37.509	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	525856	40.539	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	211716	27.525	nq	99
43) 2,4,6-Trichlorophenol	8.87	196	378201	37.765	nq	99
44) 2,4,5-Trichlorophenol	8.91	196	405510	39.320	nq	98
46) 1,1'-Biphenyl	9.06	154	1382453	37.639	nq	98
47) 2-Chloronaphthalene	9.08	162	1111289	37.300	nq	97
48) 2-Nitroaniline	9.17	65	331307	38.142	nq	92
49) Acenaphthylene	9.49	152	1763945	38.000	nq	100
50) Dimethylphthalate	9.37	163	1544693	45.738	nq	99
51) 2,6-Dinitrotoluene	9.42	165	300763	38.574	nq	89
52) Acenaphthene	9.66	154	1025092	35.291	nq	99
53) 3-Nitroaniline	9.58	138	304760	32.030	nq	99
54) 2,4-Dinitrophenol	9.68	184	31486	14.471	nq	# 85
55) Dibenzofuran	9.83	168	1527691	36.644	nq	100
56) 4-Nitrophenol	9.75	139	552287	72.401	nq	98
57) 2,4-Dinitrotoluene	9.81	165	388770	38.616	nq	92
58) Fluorene	10.17	166	1088070	38.205	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	325129	37.597	nq	98
60) Diethylphthalate	10.06	149	1253882	36.935	nq	100
61) 4-Chlorophenyl-phenylether	10.17	204	520727	38.494	nq	99
62) 4-Nitroaniline	10.19	138	334859	35.081	nq	99
63) Azobenzene	10.33	77	1131458	35.683	nq	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	48281	13.987	nq	87
66) n-Nitrosodiphenylamine	10.29	169	1055920	37.601	nq	99
67) 4-Bromophenyl-phenylether	10.65	248	365061	37.355	nq	99
68) Hexachlorobenzene	10.72	284	396839	37.411	nq	97
69) Atrazine	10.82	200	334542	37.034	nq	98
70) Pentachlorophenol	10.91	266	453260	67.072	nq	97
71) Phenanthrene	11.12	178	1908832	39.332	nq	100
72) Anthracene	11.18	178	1880070	38.378	nq	100
73) Carbazole	11.33	167	1640811	37.508	nq	100
74) Di-n-butylphthalate	11.68	149	1895045	37.489	nq	99
75) Fluoranthene	12.31	202	2246610	46.397	nq	98
77) Benzidine	12.42	184	546870	19.665	nq	# 95
78) Pyrene	12.53	202	2261154	46.981	nq	98
80) Butylbenzylphthalate	13.17	149	866988	40.819	nq	93
81) Benzo(a)anthracene	13.71	228	1970512	43.850	nq	99
82) 3,3'-Dichlorobenzidine	13.68	252	483180	29.775	nq	99
83) Chrysene	13.75	228	1806721	43.892	nq	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1148330	41.261	nq	100
85) Di-n-octyl phthalate	14.34	149	1951325	41.730	nq	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1293592	26.558	nq	98
88) Benzo(b)fluoranthene	14.71	252	1908565	51.795	nq	98
89) Benzo(k)fluoranthene	14.74	252	1261477	38.174	nq	98
90) Benzo(a)pyrene	15.03	252	1482390	44.634	nq	99
91) Dibenzo(a,h)anthracene	16.37	278	1043316	33.649	nq	97
92) Benzo(g,h,i)perylene	16.73	276	1073216	34.199	nq	99

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

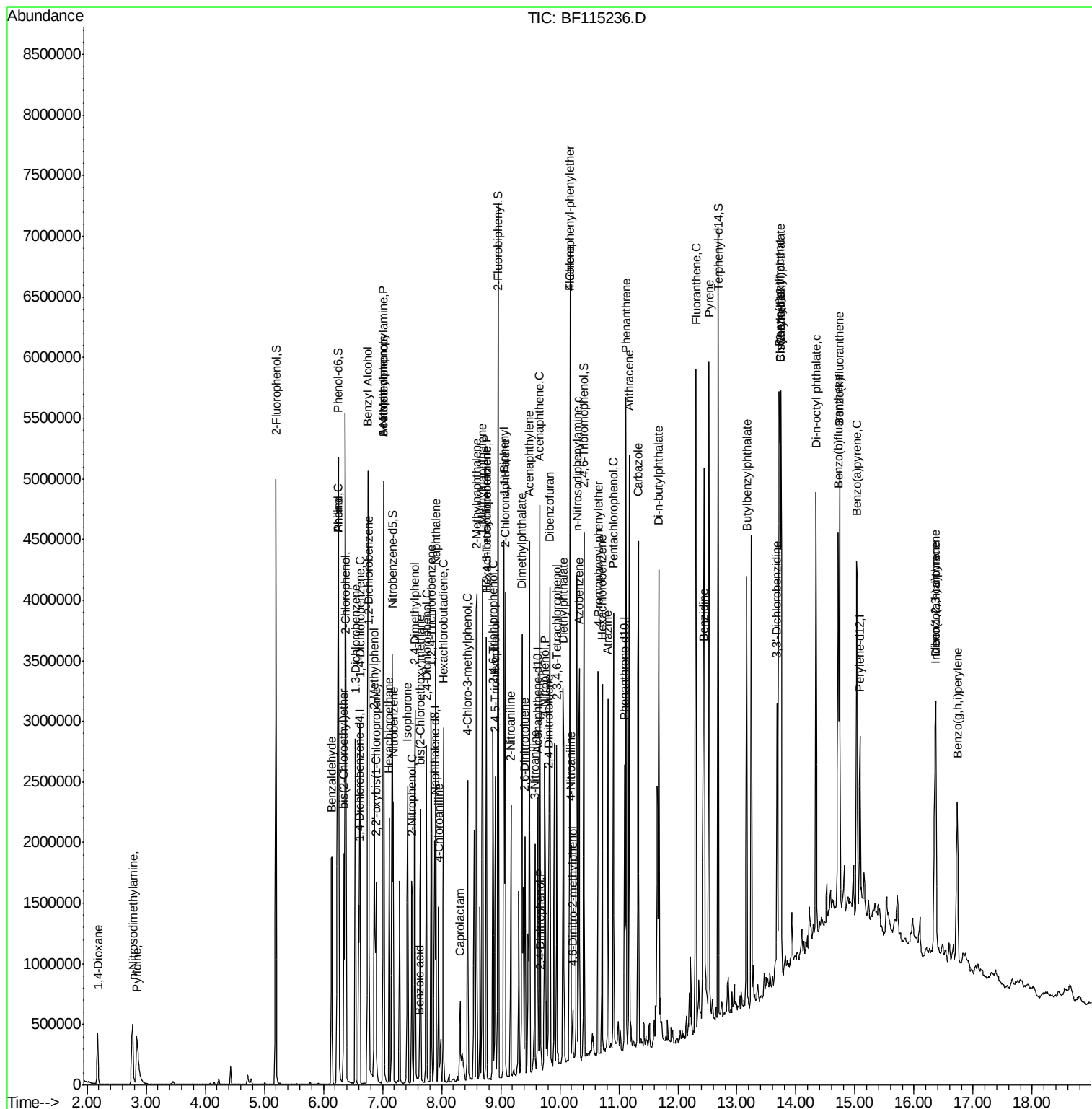
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
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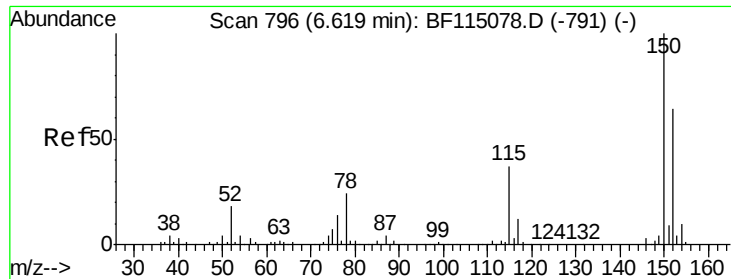
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

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#1

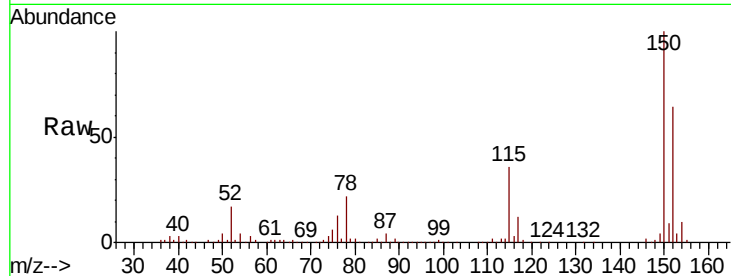
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	56.1	46.1	69.1

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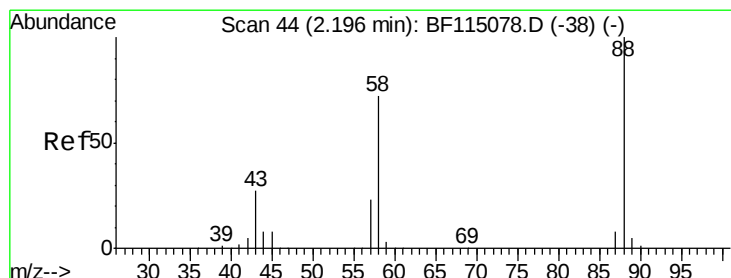
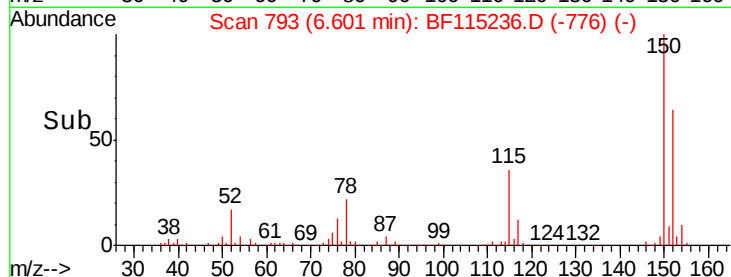
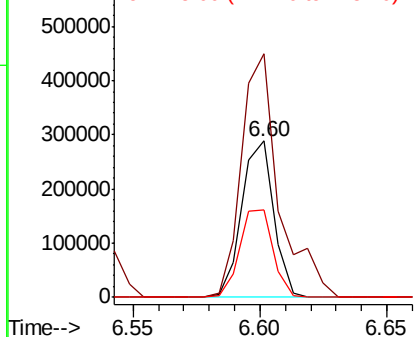


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

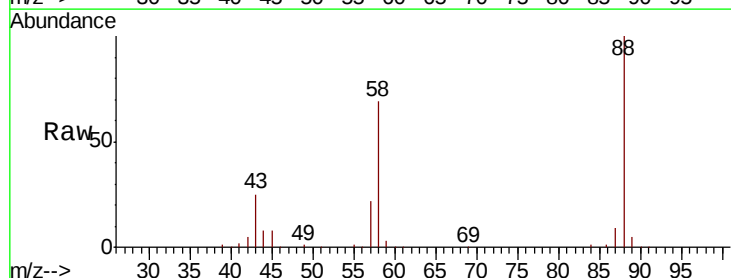
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.693 ng
RT: 2.18 min Scan# 41
Delta R.T. 0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	56.1	84.1
43	25.5	21.3	31.9

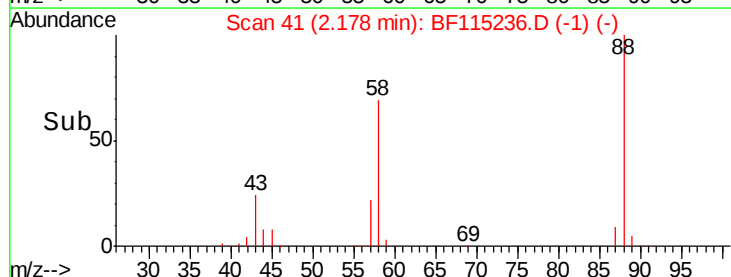
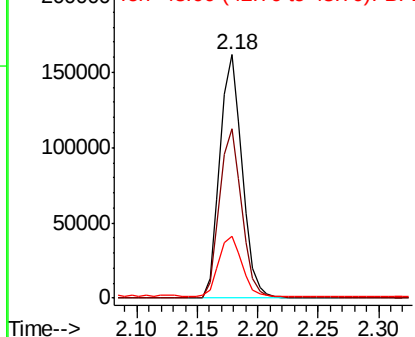


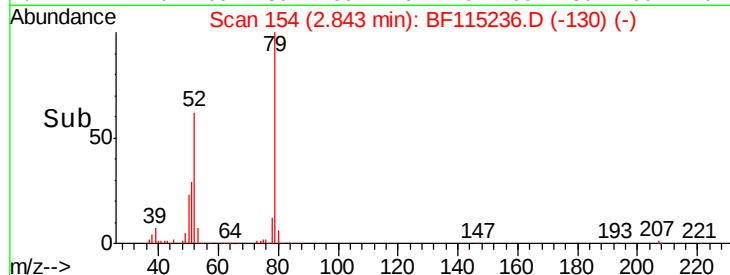
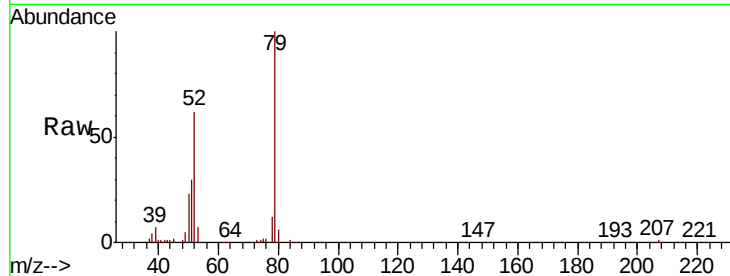
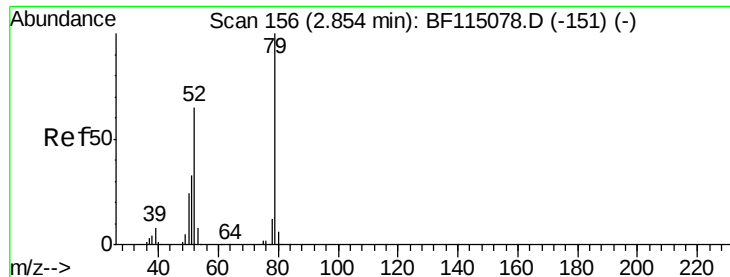
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





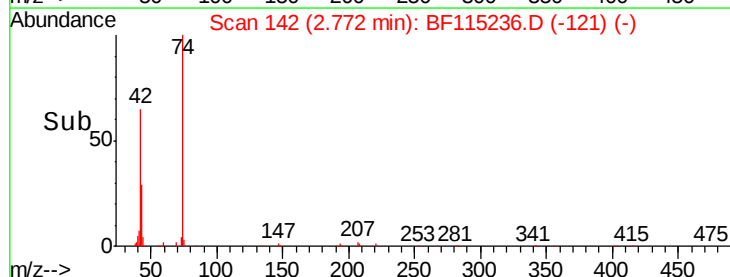
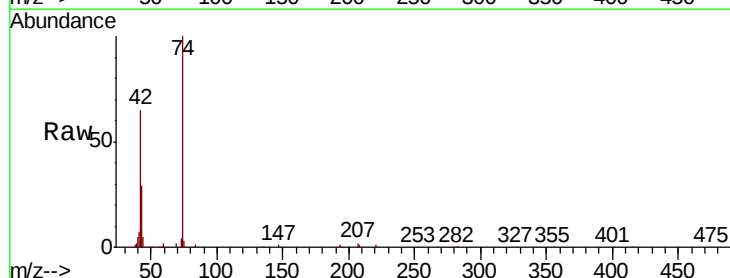
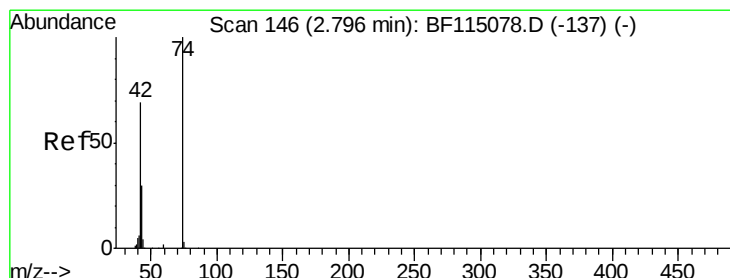
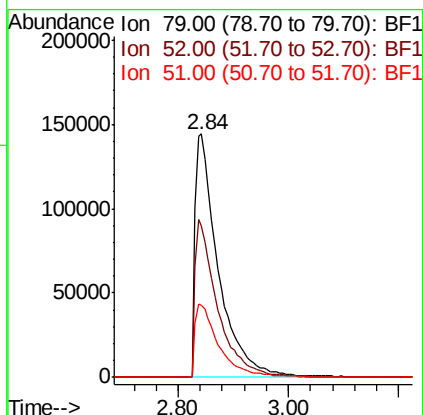
#3
Pvridine
Concen: 19.302 ng
RT: 2.84 min Scan# 154
Delta R.T. 0.04 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.2	52.3	78.5
51	29.7	26.1	39.1

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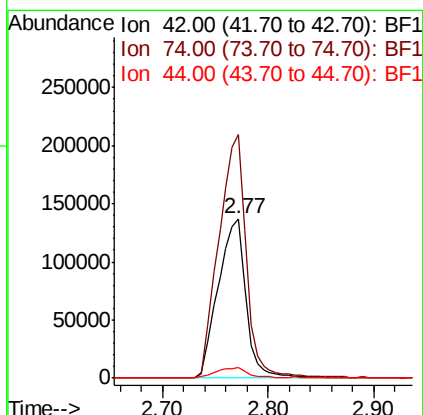
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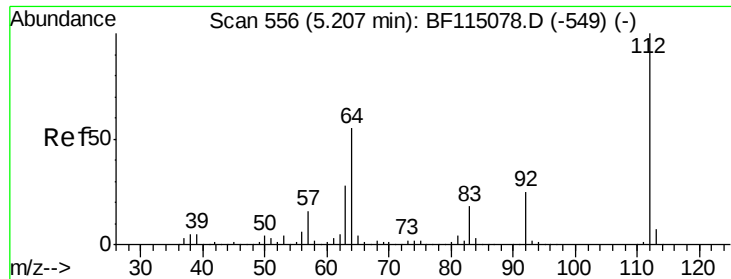
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#4
n-Nitrosodimethylamine
Concen: 29.491 ng
RT: 2.77 min Scan# 142
Delta R.T. 0.02 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.9	116.6	175.0
44	6.9	5.3	7.9





#5

2-Fluorophenol

Concen: 103.470 ng

RT: 5.20 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

Tot Ion: 112 Resp: 1693235

Ion Ratio Lower Upper

112 100

64 52.4 43.8 65.6

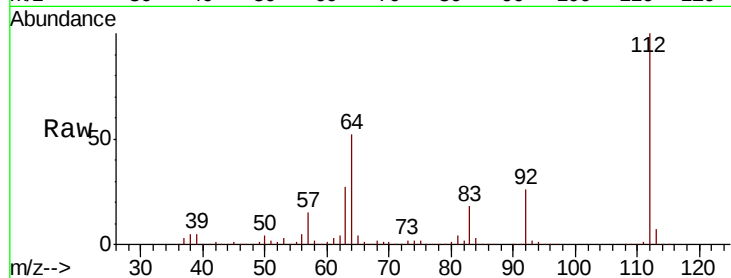
63 26.9 22.2 33.4

Manual Integrations

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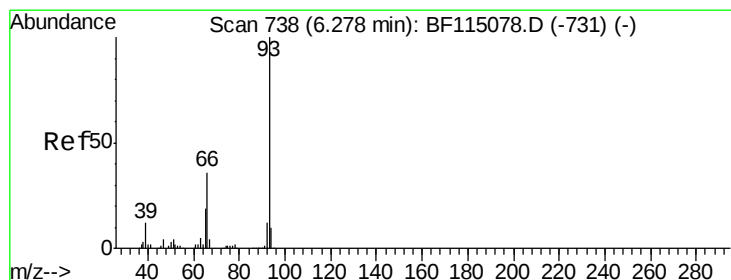
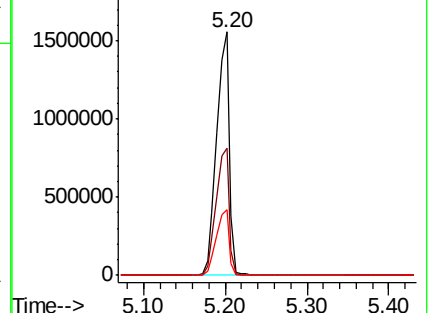
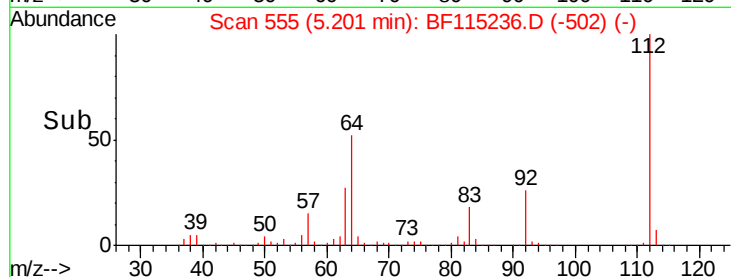
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.468 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

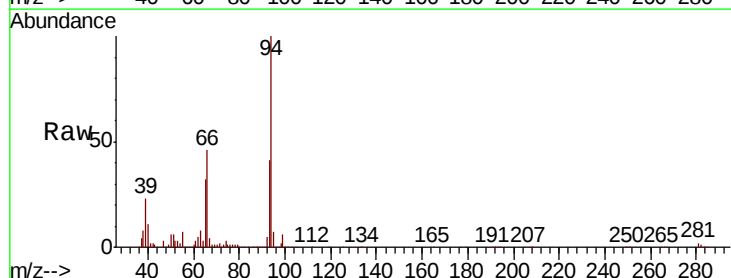
Tgt Ion: 93 Resp: 504151

Ion Ratio Lower Upper

93 100

66 113.4 30.0 45.0#

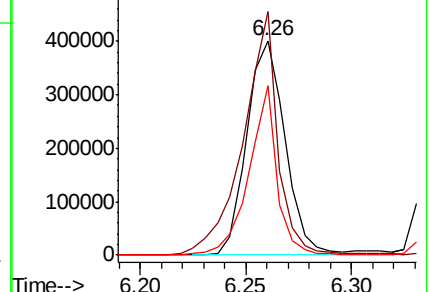
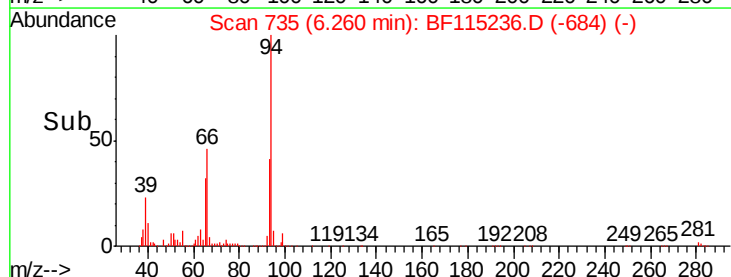
65 79.0 15.6 23.4#



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: 107.774 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

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Tot Ion: 99 Resp: 2140653

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

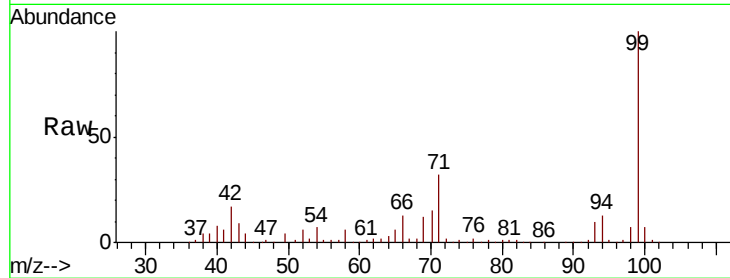
71 32.4 25.5 38.3

Manual Integrations

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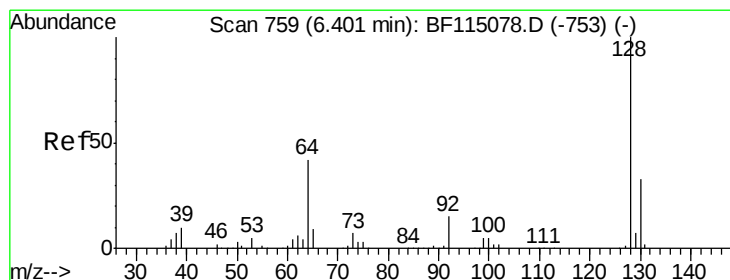
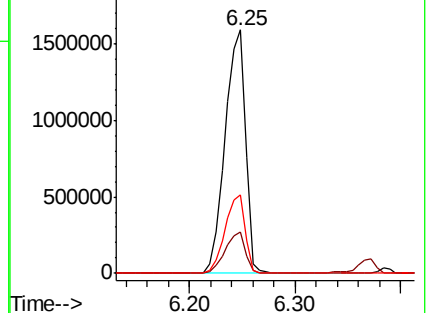
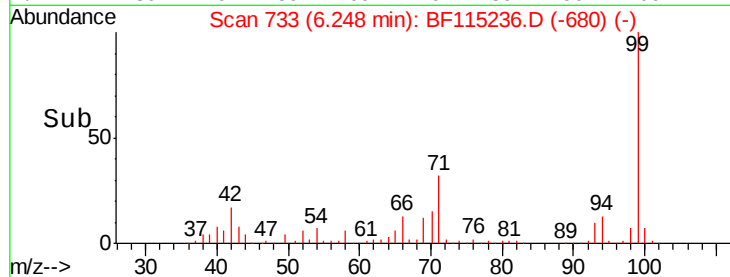
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.327 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

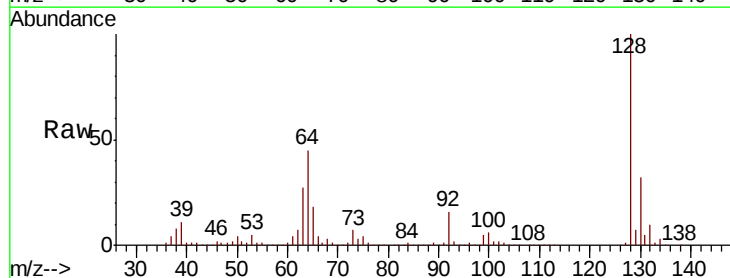
Tgt Ion:128 Resp: 631648

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

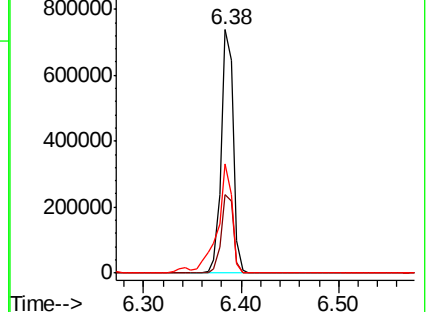
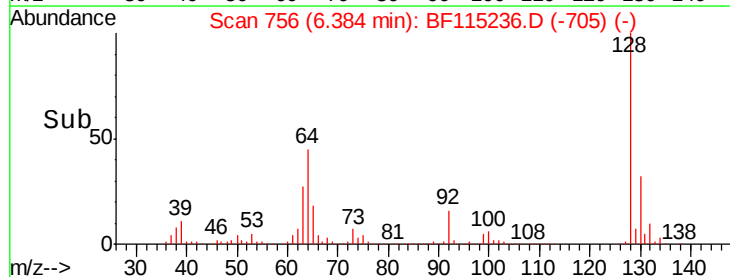
64 45.1 22.9 62.9

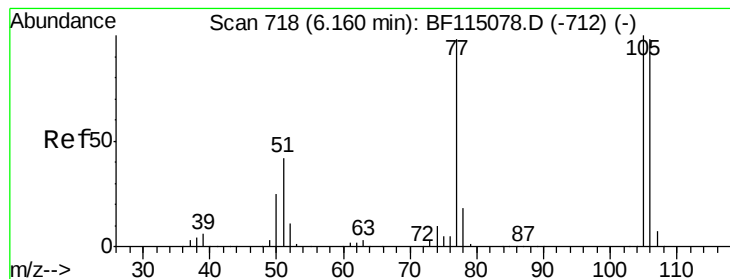


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.510 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

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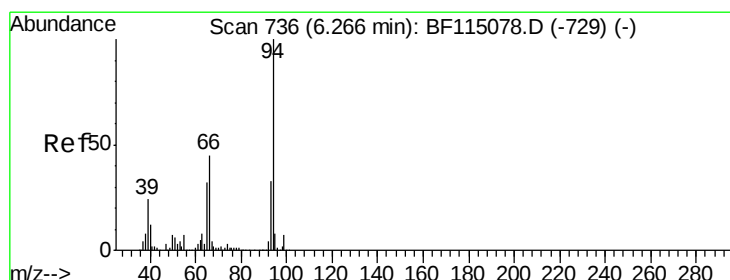
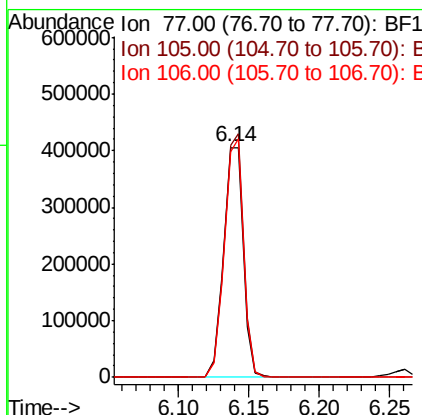
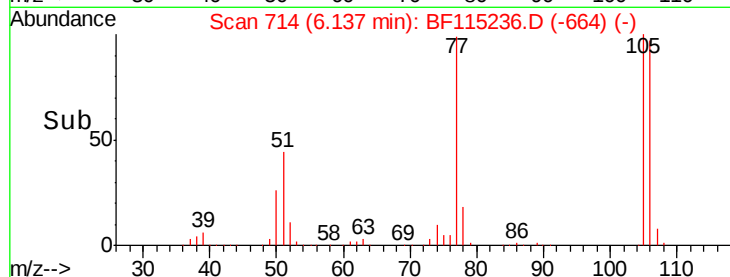
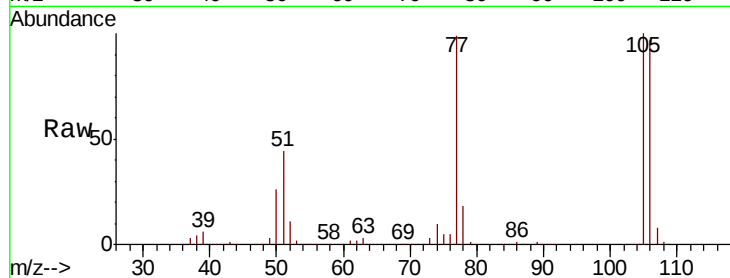
ClientSampleId :

SA-06-062619-BMSD

Tot Ion:	77	Resp:	395363
Ion	Ratio	Lower	Upper
77	100		
105	100.8	81.5	121.5
106	98.1	79.7	119.7

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#10

Phenol

Concen: 32.598 ng

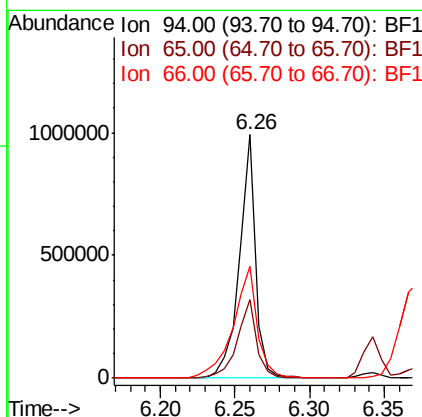
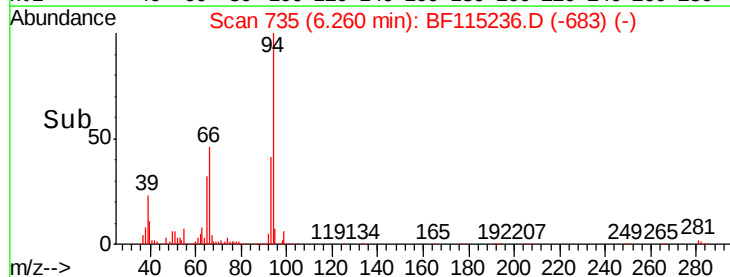
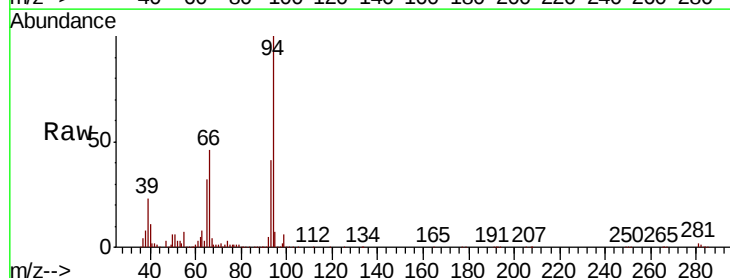
RT: 6.26 min Scan# 735

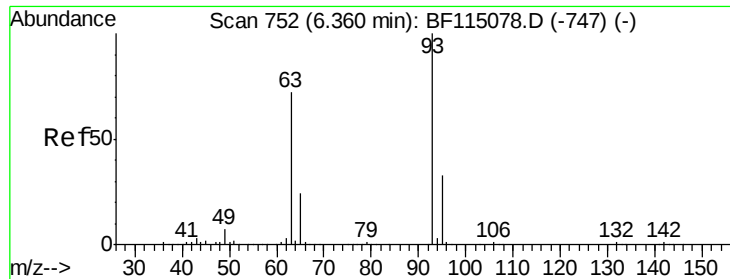
Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion:	94	Resp:	758435
Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.9	51.9
66	46.0	25.2	65.2





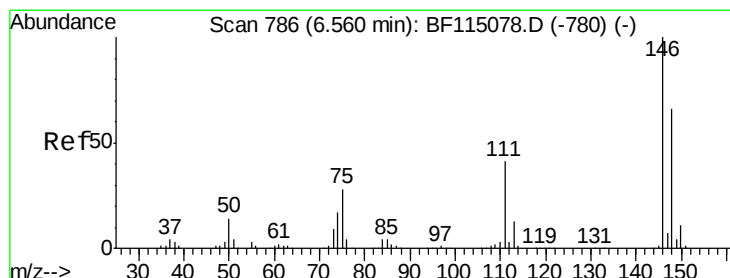
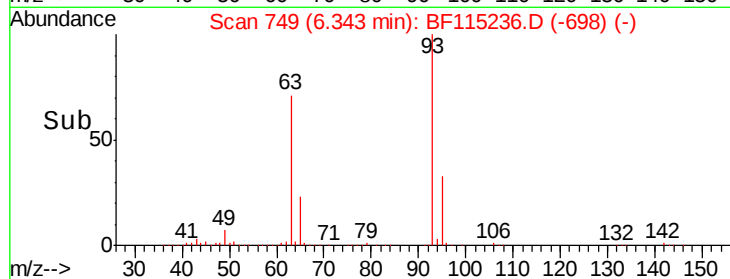
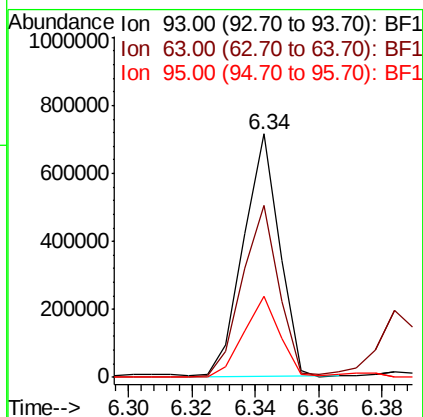
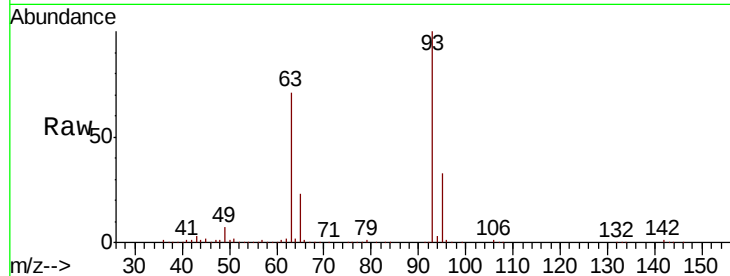
#11
bis(2-Chloroethyl)ether
Concen: 32.872 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion:	93	Resp:	563773
Ion Ratio	Lower	Upper	
93	100		
63	70.9	51.5	91.5
95	33.1	13.4	53.4

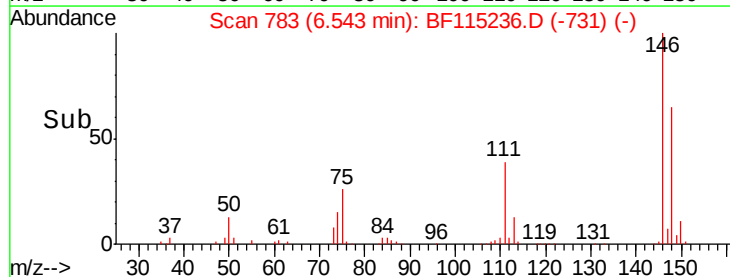
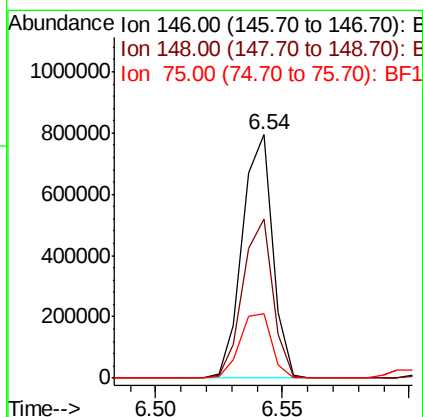
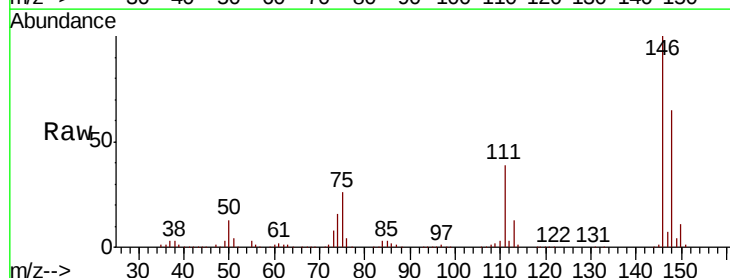
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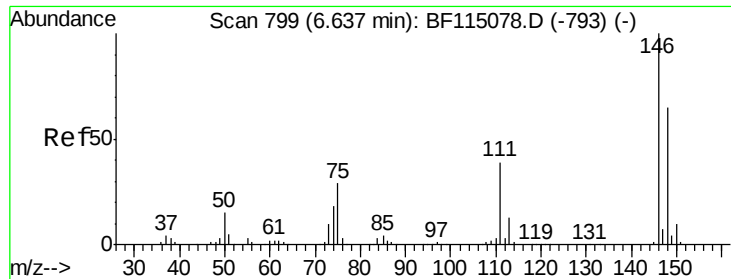
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#12
1,3-Dichlorobenzene
Concen: 32.387 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:	146	Resp:	661399
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.6	78.8
75	26.5	22.6	34.0





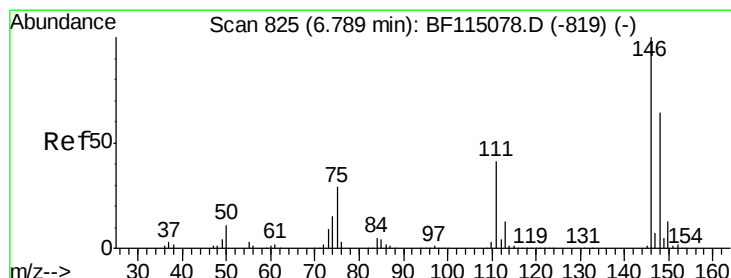
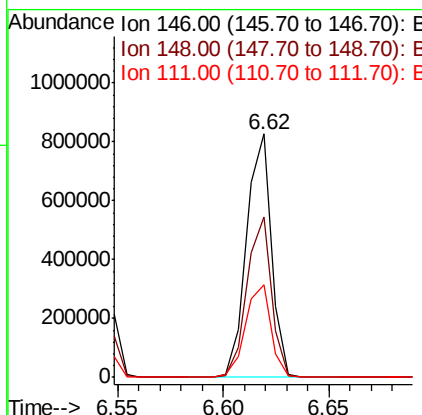
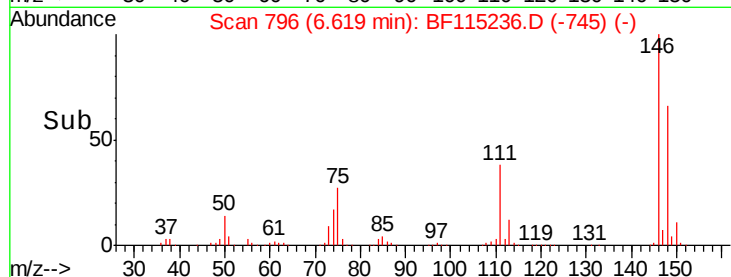
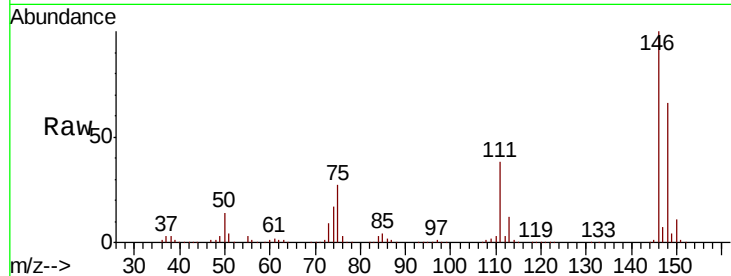
#13
 1,4-Dichlorobenzene
 Concen: 33.024 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	38.3	31.4	47.0

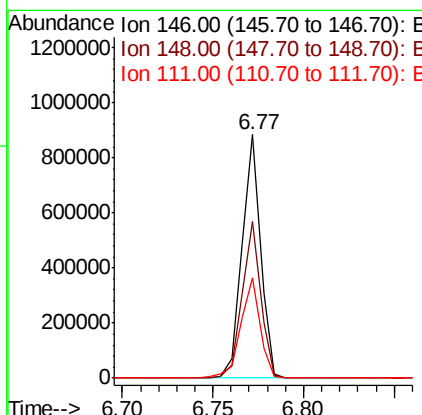
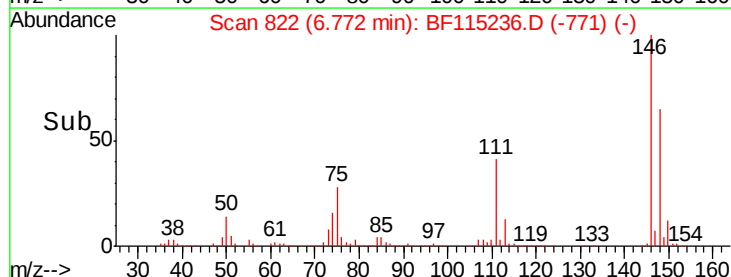
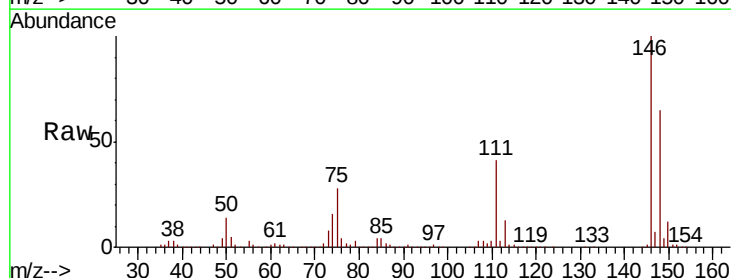
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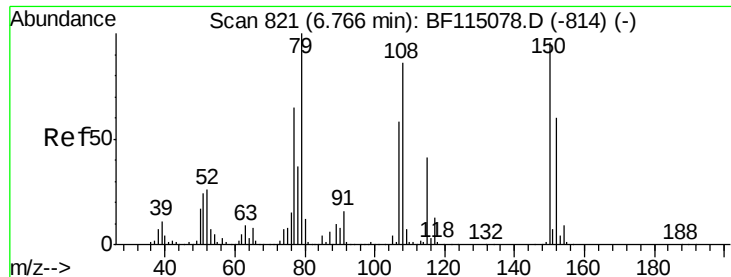
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#14
 1,2-Dichlorobenzene
 Concen: 33.082 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	41.0	33.2	49.8





#15

Benzyl Alcohol

Concen: 33.655 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

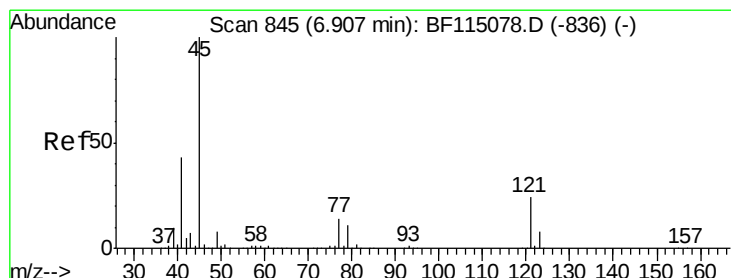
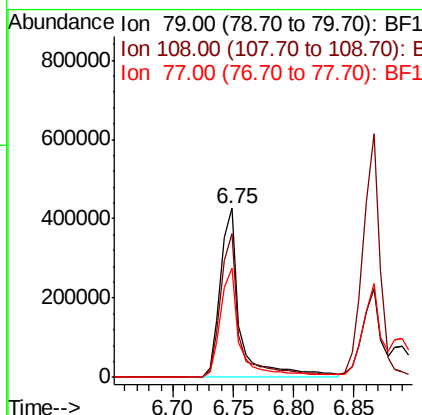
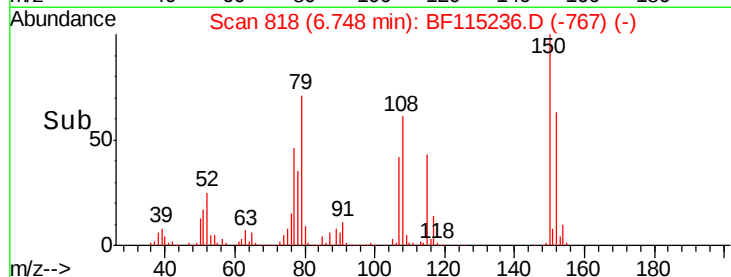
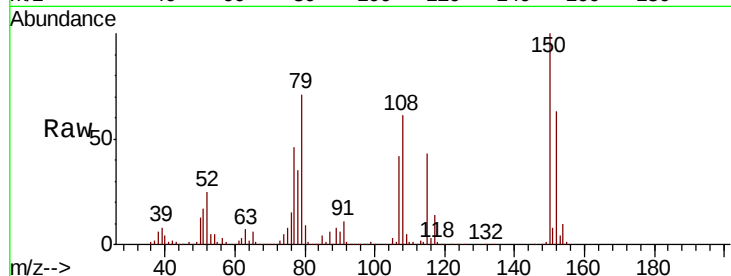
ClientSampleId :

SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.5	68.7	103.1
77	64.5	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.216 ng

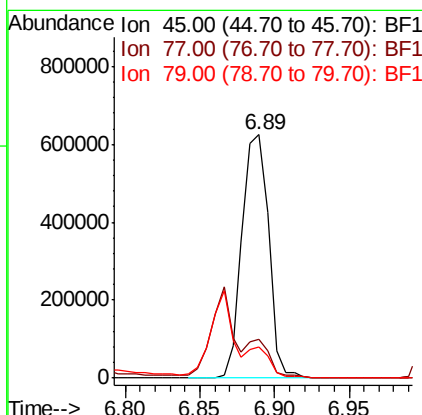
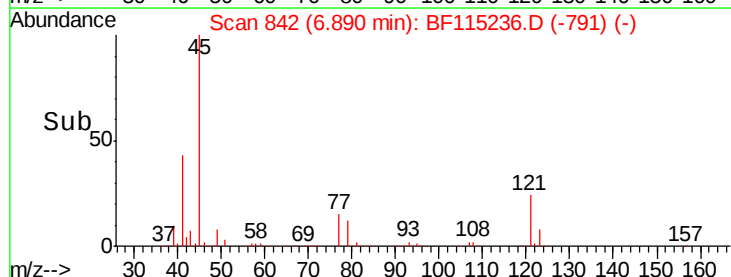
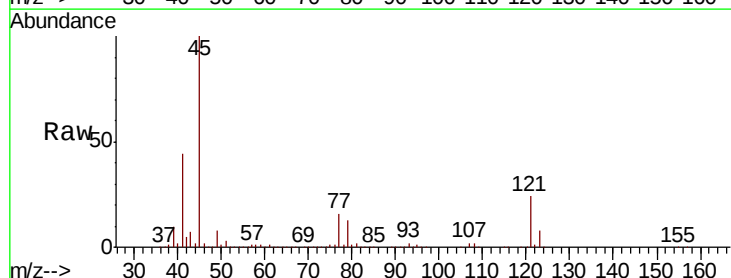
RT: 6.89 min Scan# 842

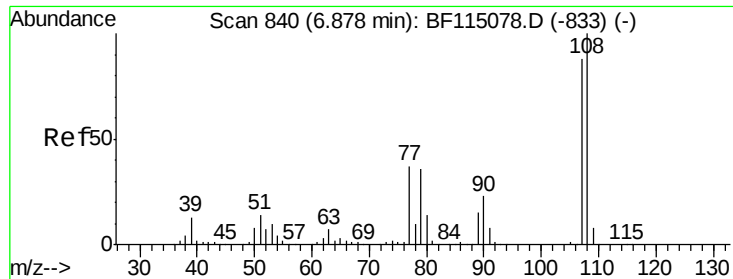
Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	34.6
79	12.7	0.0	31.2





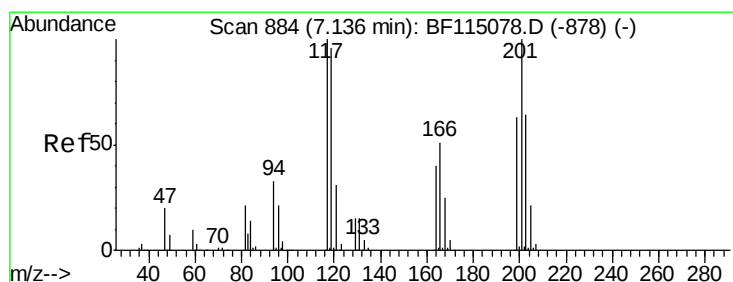
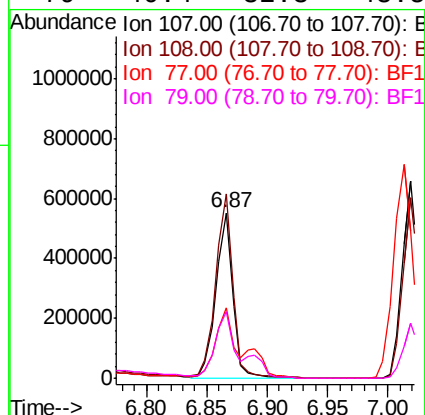
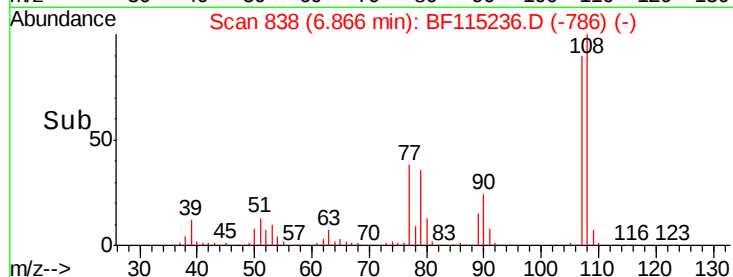
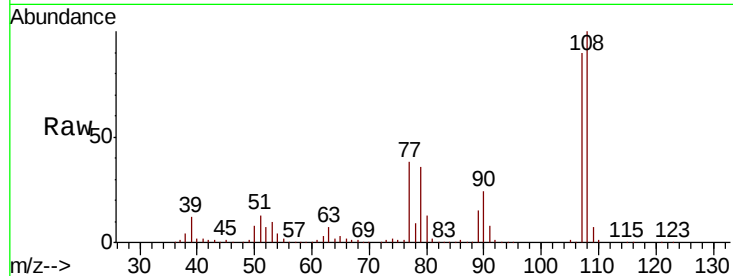
#17
2-Methylphenol
Concen: 35.190 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion:	107	Resp:	534480
Ion Ratio	Lower	Upper	
107	100		
108	111.2	90.9	136.3
77	42.6	33.4	50.2
79	40.4	32.3	48.5

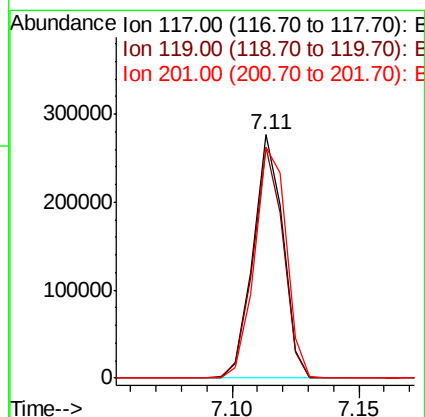
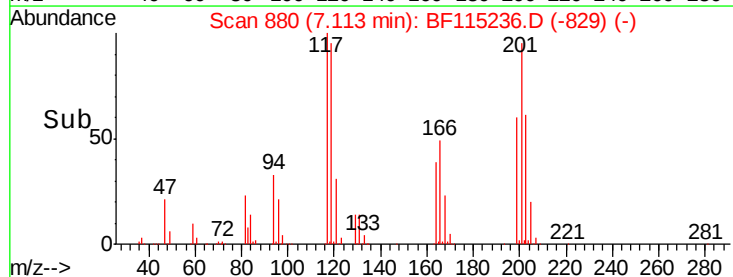
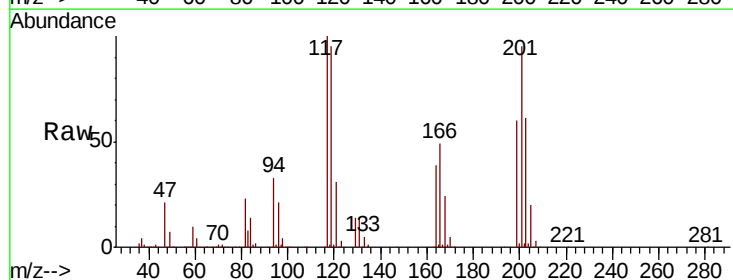
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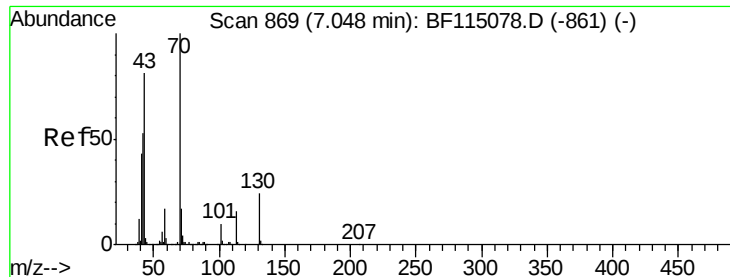
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#18
Hexachloroethane
Concen: 30.817 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:	117	Resp:	227515
Ion Ratio	Lower	Upper	
117	100		
119	94.8	76.6	114.8
201	94.7	80.2	120.2





#19

n-Nitroso-di-n-propylamine

Concen: 31.084 ng

RT: 7.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

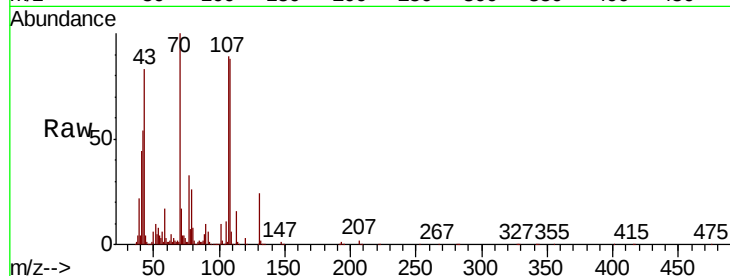
ClientSampleId :

SA-06-062619-BMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	42.6	63.8	
101	10.2	8.0	12.0	
130	24.3	19.4	29.0	

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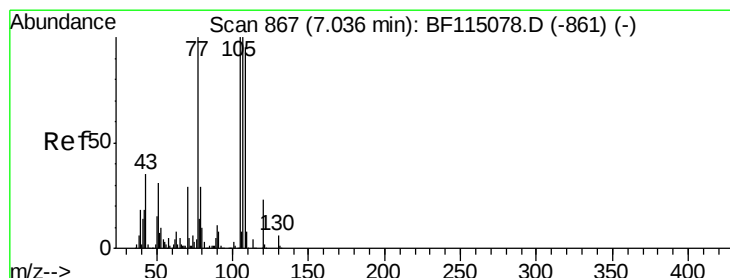
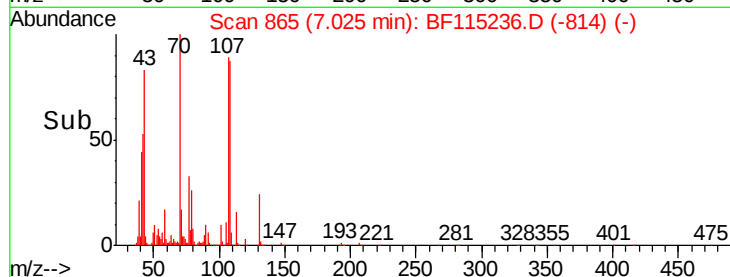
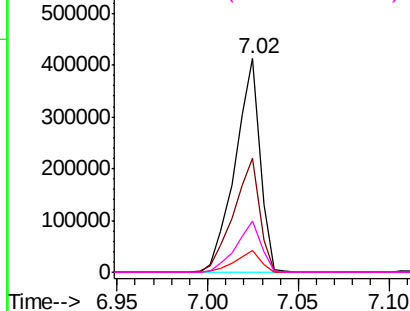
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.188 ng

RT: 7.02 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	75.5	115.5	
77	74.7	80.2	120.2	
79	27.9	9.5	49.5	

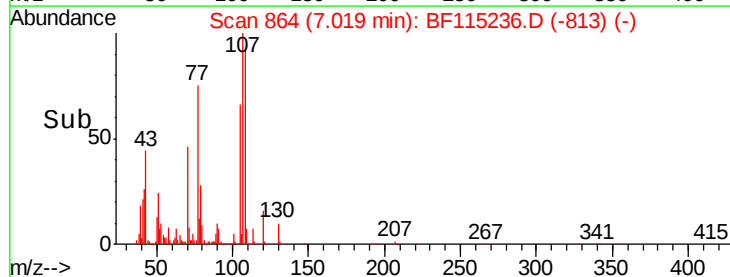
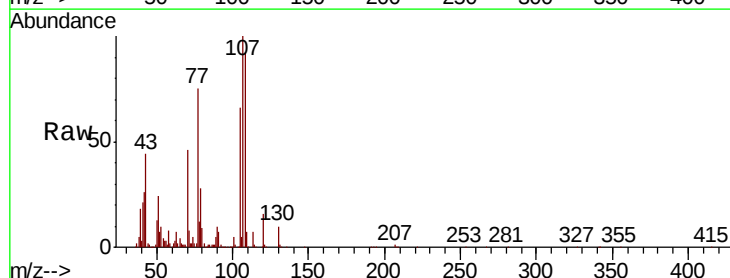
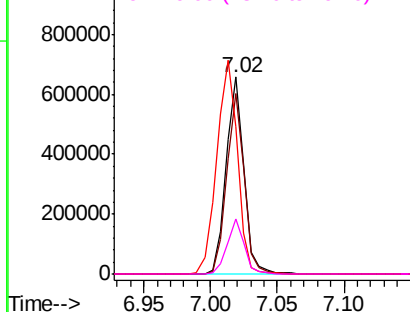
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





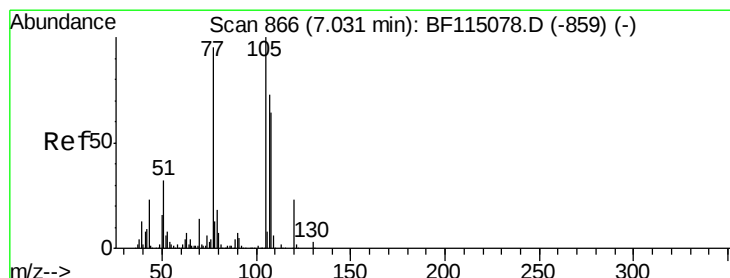
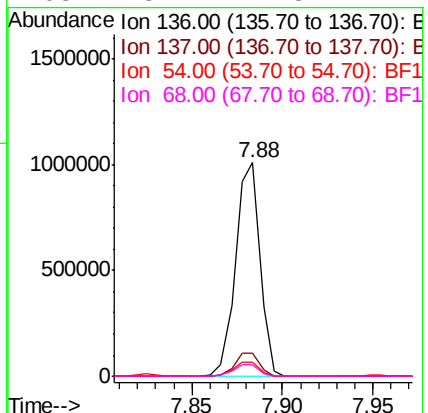
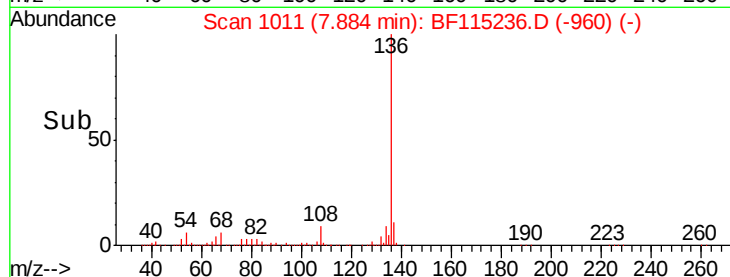
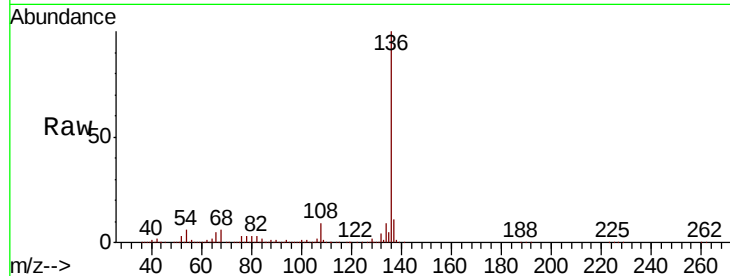
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		945084		
137	11.1	8.9	13.3		
54	6.4	5.6	8.4		
68	5.7	4.8	7.2		

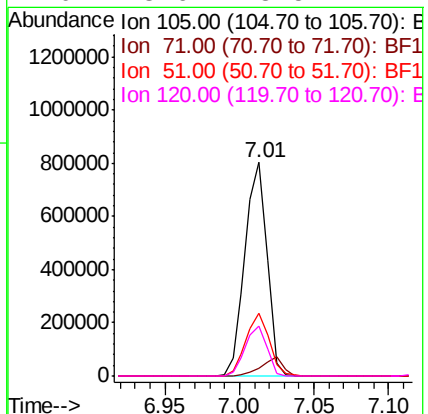
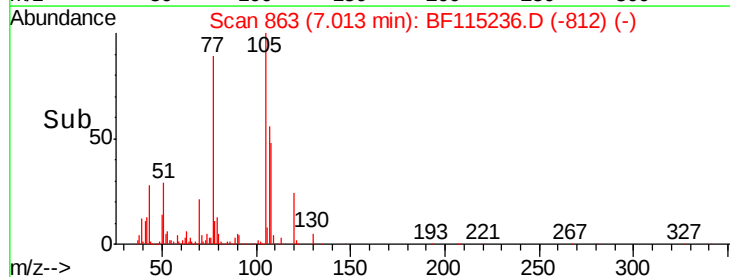
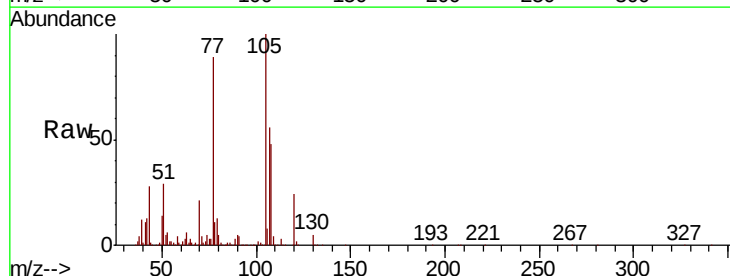
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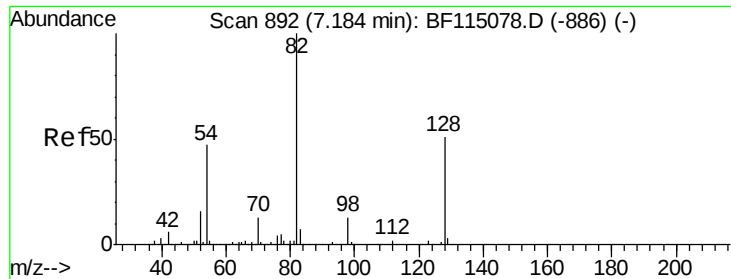
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#22
Acetophenone
Concen: 38.106 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		824468		
71	3.8	1.9	2.9#		
51	29.1	25.8	38.8		
120	23.6	18.5	27.7		





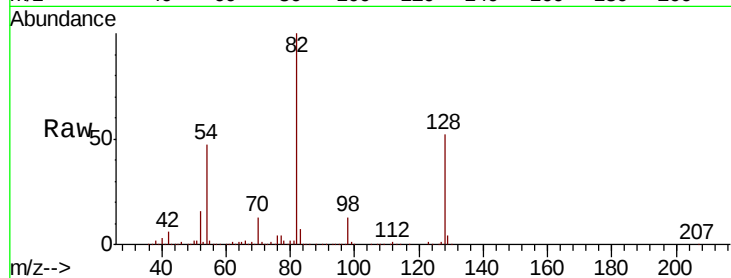
#23
Nitrobenzene-d5
Concen: 83.908 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	82	Resp	1289109
Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.4	60.6
54	46.5	37.5	56.3

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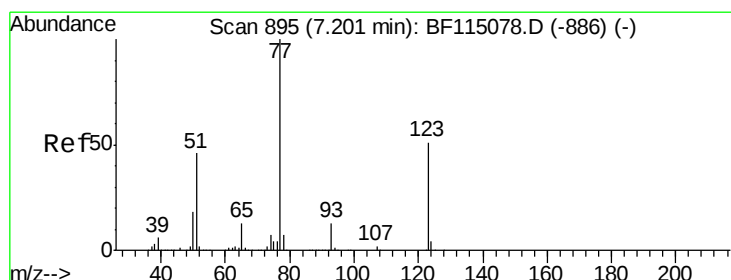
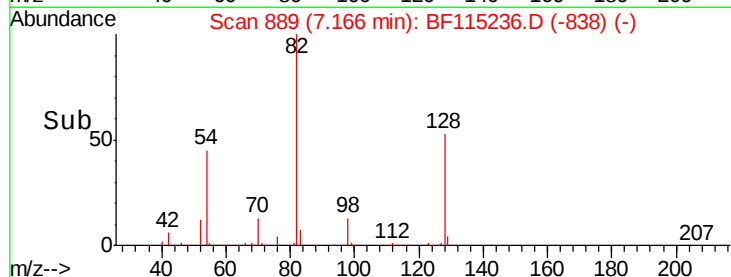
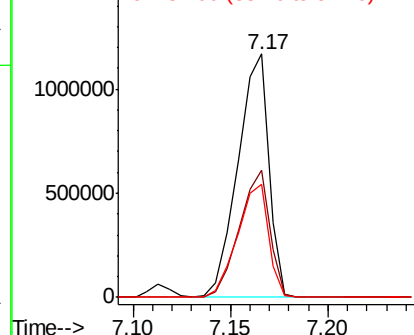


Abundance

Ion 82.00 (81.70 to 82.70): BF1

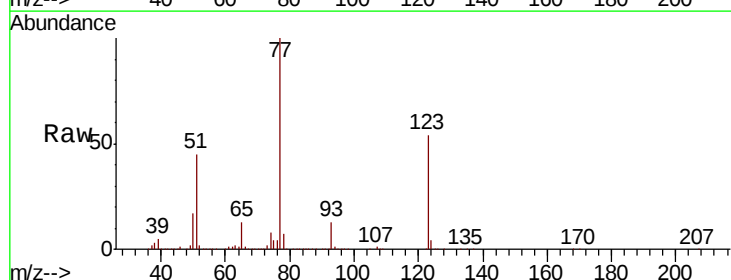
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 37.056 ng
RT: 7.18 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	77	Resp	627194
Ion	Ratio	Lower	Upper
77	100		
123	53.9	41.0	61.6
65	13.0	10.5	15.7

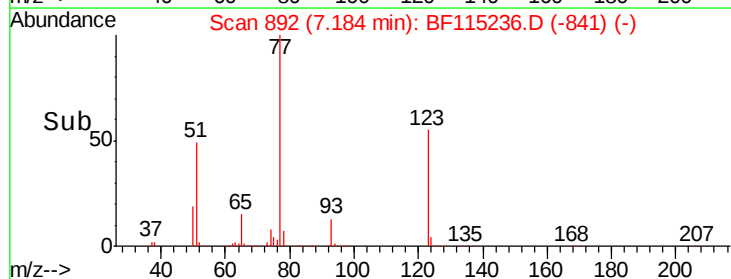
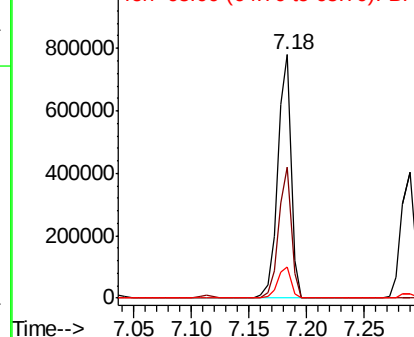


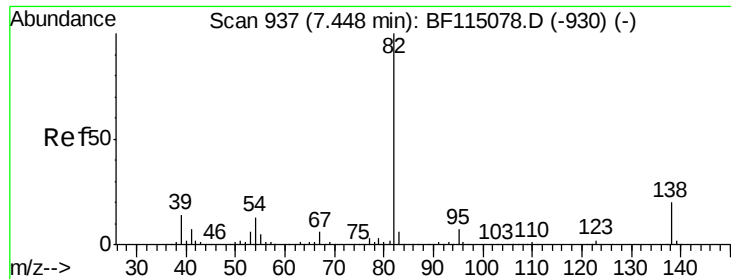
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





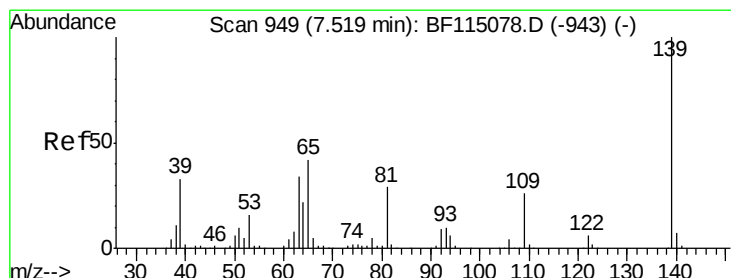
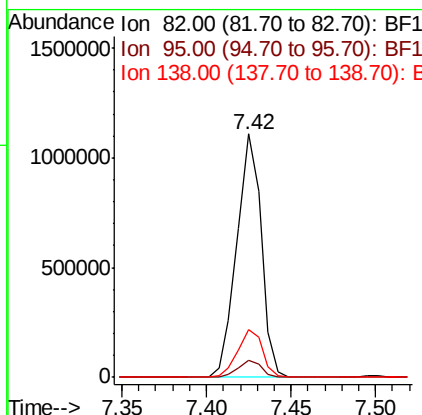
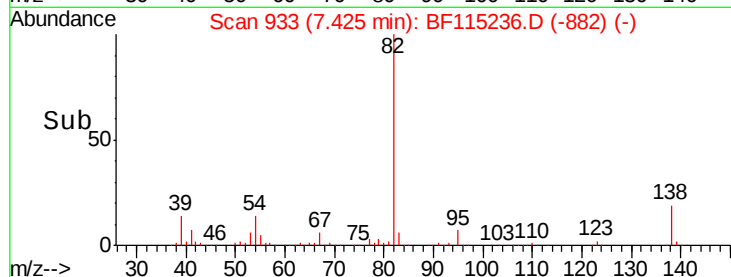
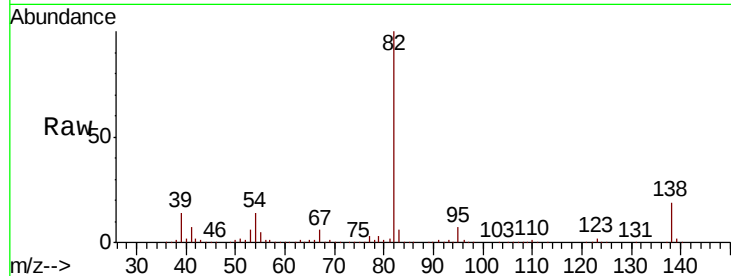
#25
Isophorone
Concen: 35.535 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	19.4	15.9	23.9

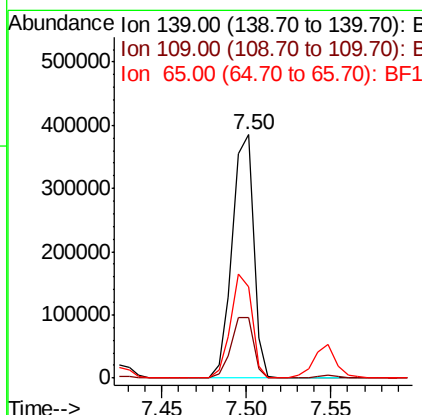
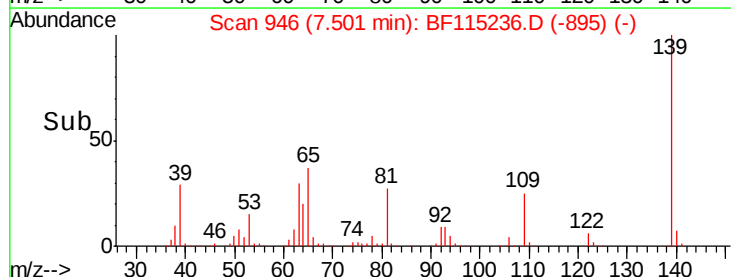
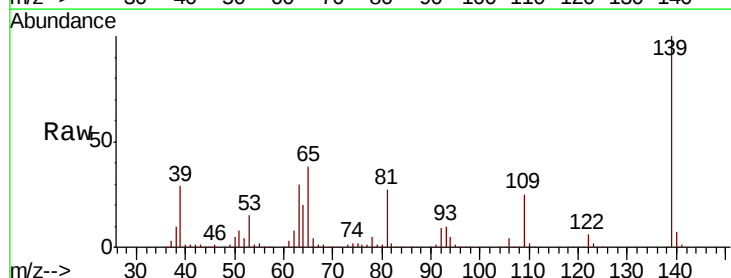
Manual Integrations
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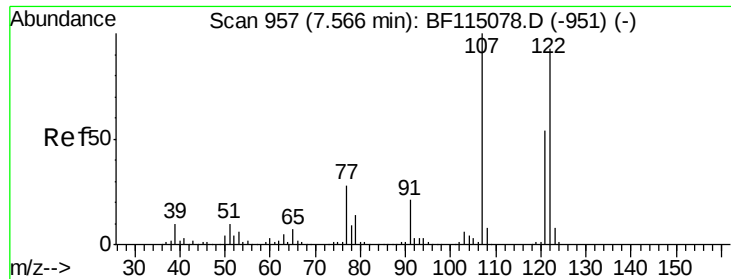
mohammad
6/28/2019 2:58:28 PM



#26
2-Nitrophenol
Concen: 40.665 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.0	20.4	30.6
65	37.5	33.6	50.4





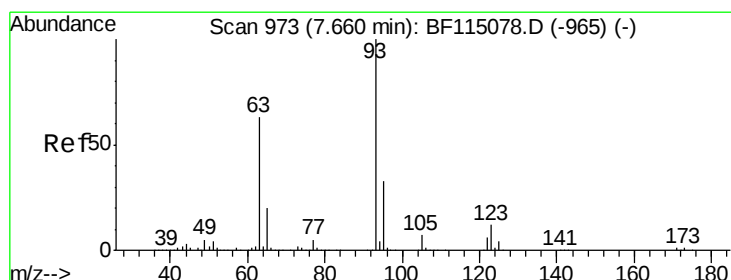
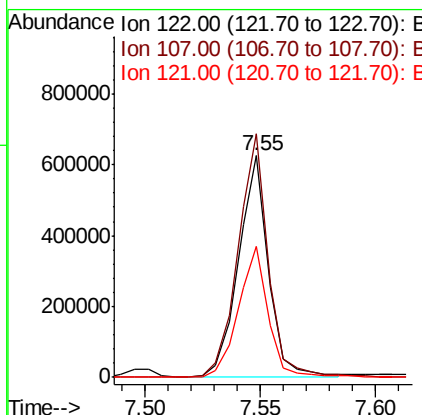
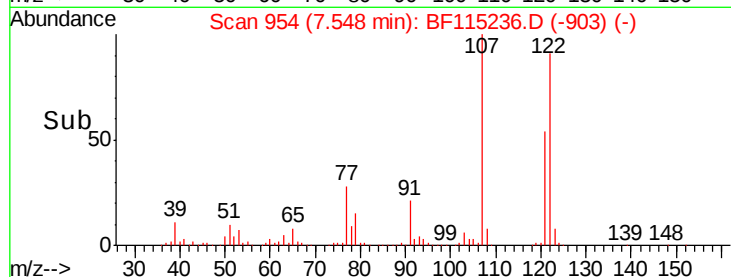
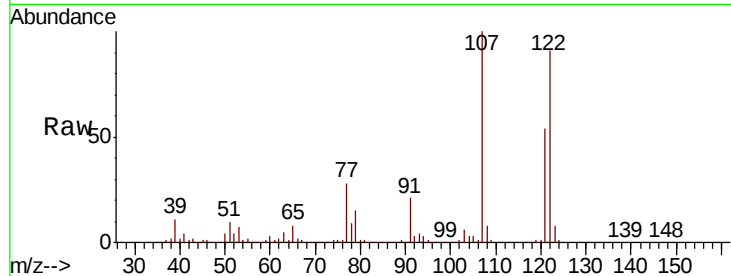
#27
2,4-Dimethylphenol
Concen: 41.516 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	85.8	128.6
121	59.3	46.3	69.5

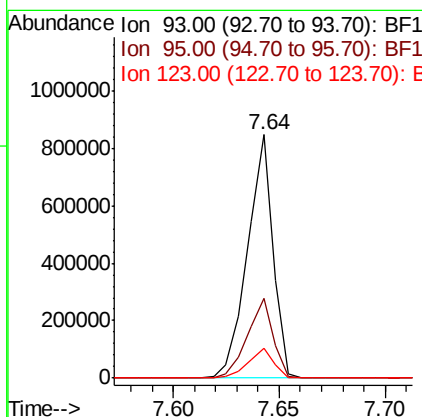
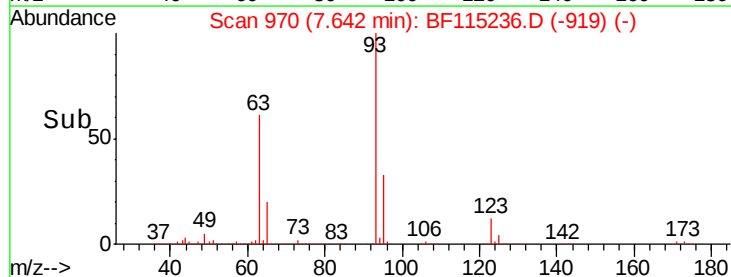
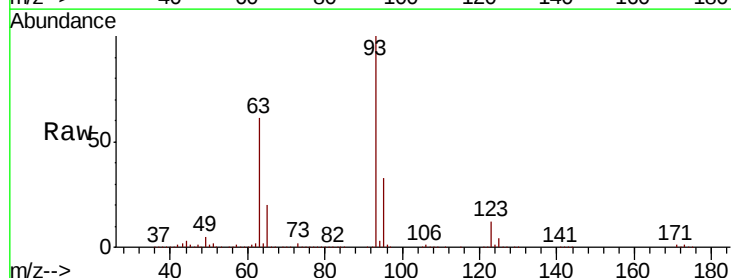
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 35.810 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.1	9.7	14.5





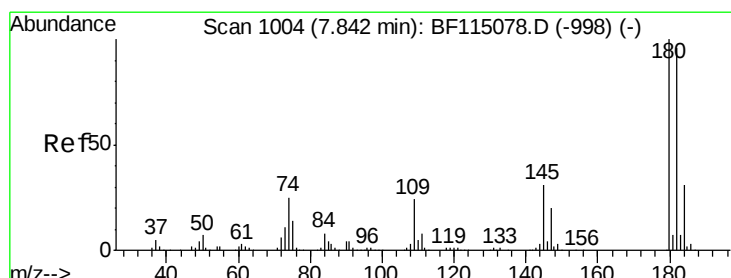
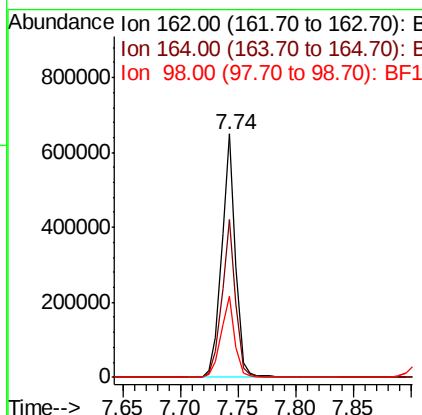
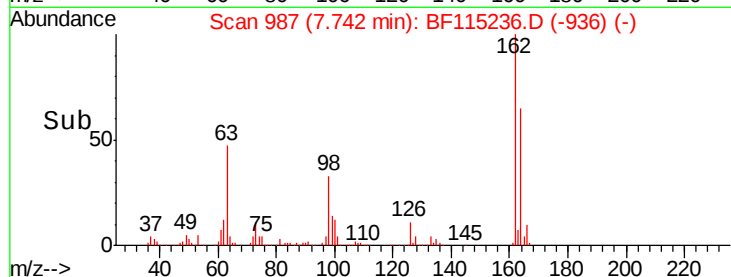
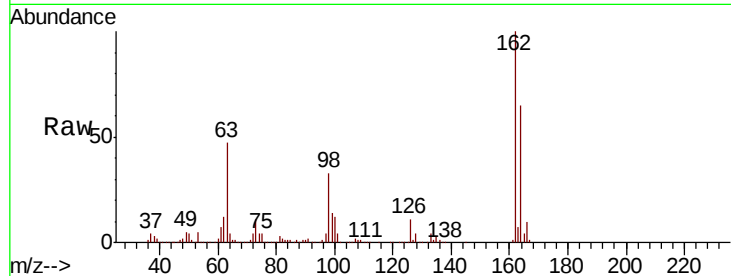
#29
2,4-Dichlorophenol
Concen: 38.268 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	540461		
164	64.9	45.3	85.3	
98	33.3	12.5	52.5	

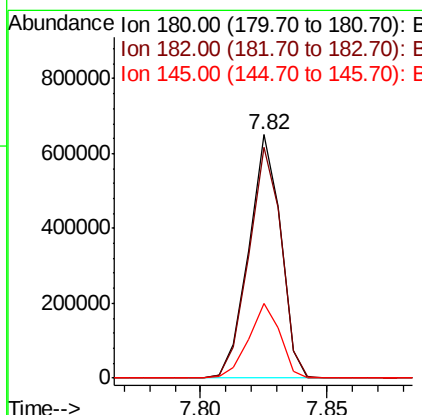
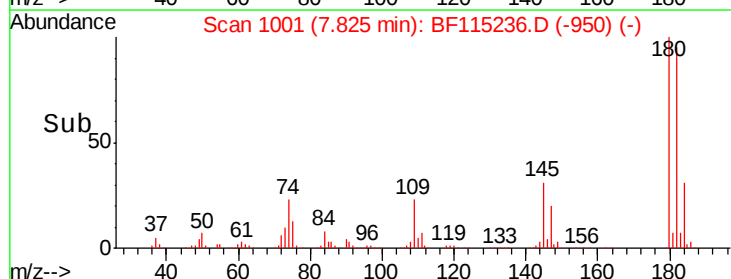
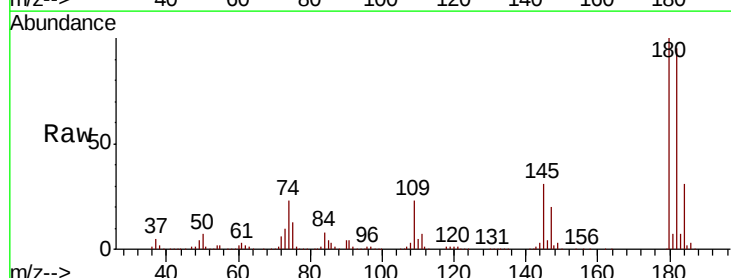
Manual Integrations
APPROVED

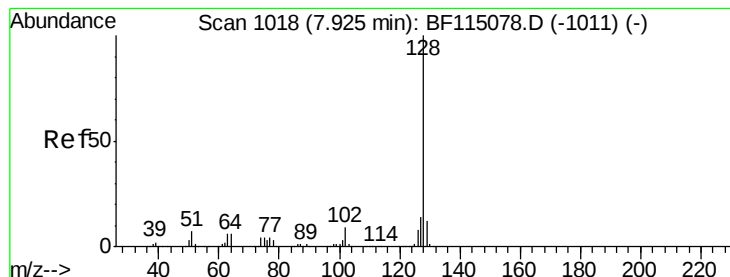
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.789 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	573920		
182	95.0	76.4	114.6	
145	30.7	24.8	37.2	





#31

Naphthalene

Concen: 37.493 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

Tot Ion:128 Resp: 1739353

Ion Ratio Lower Upper

128 100

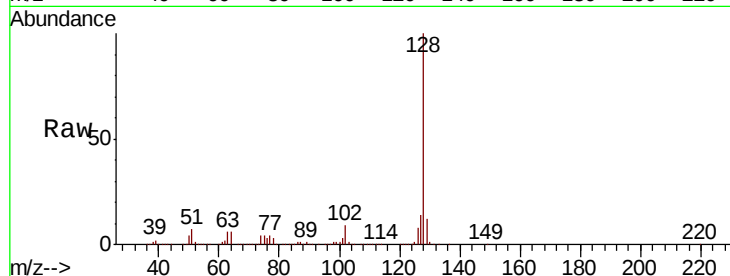
129 12.2 9.6 14.4

127 14.1 11.4 17.0

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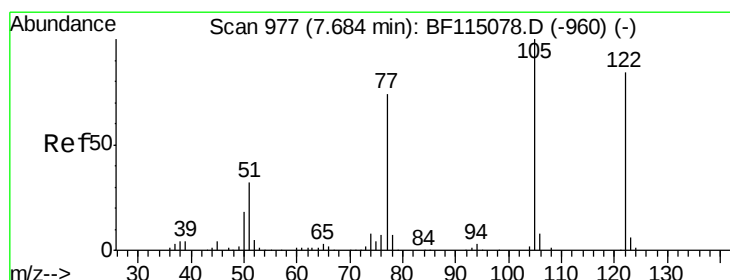
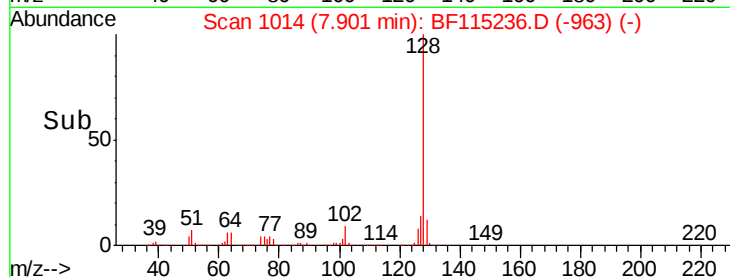
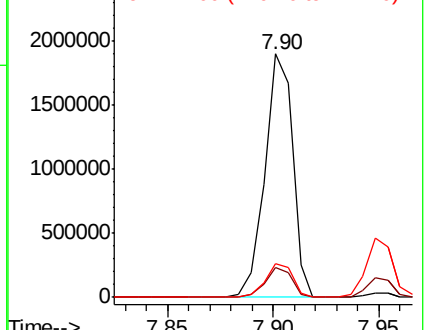


Abundance

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: 2.344 ng m

RT: 7.62 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

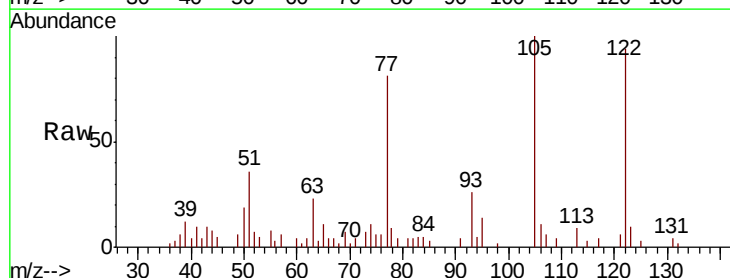
Tgt Ion:122 Resp: 22902

Ion Ratio Lower Upper

122 100

105 105.9 98.2 138.2

77 85.5 67.0 107.0

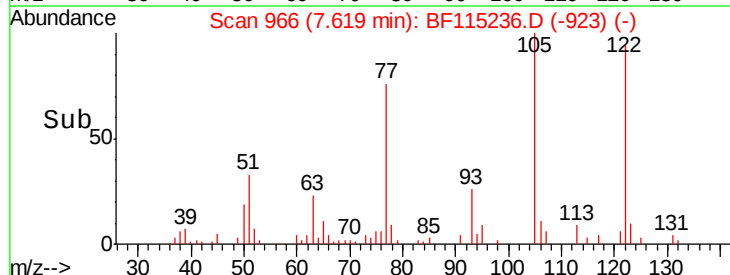
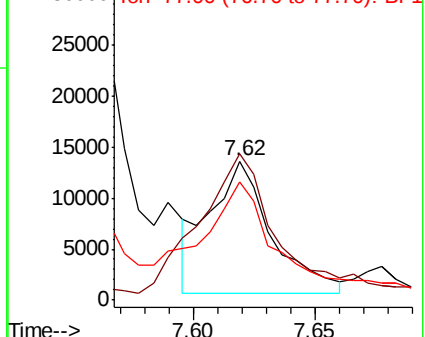


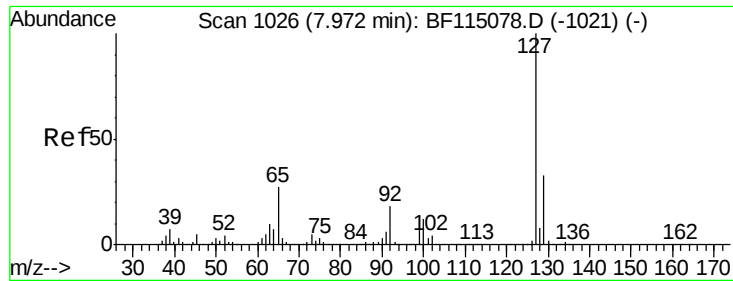
Abundance

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





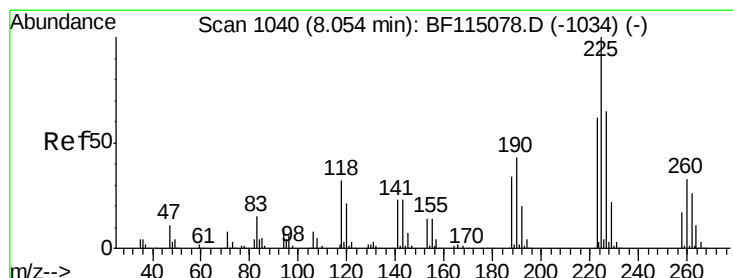
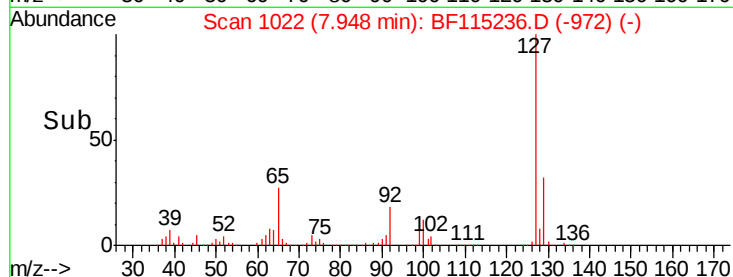
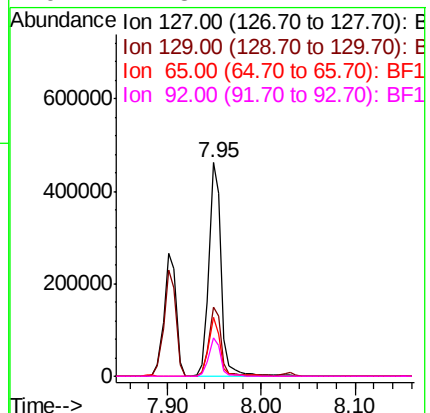
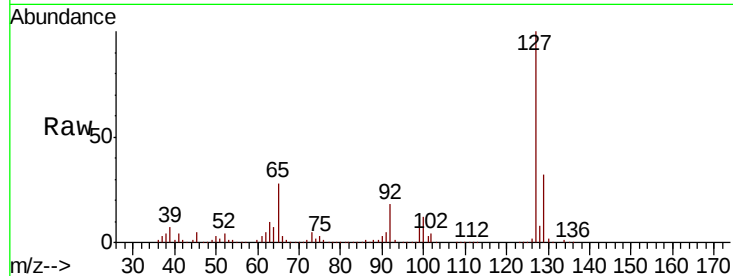
#33
4-Chloroaniline
Concen: 19.917 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	422277		
129	32.4	26.1	39.1	
65	27.8	21.4	32.2	
92	17.8	14.1	21.1	

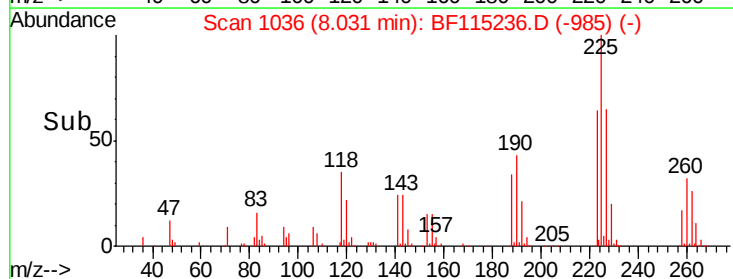
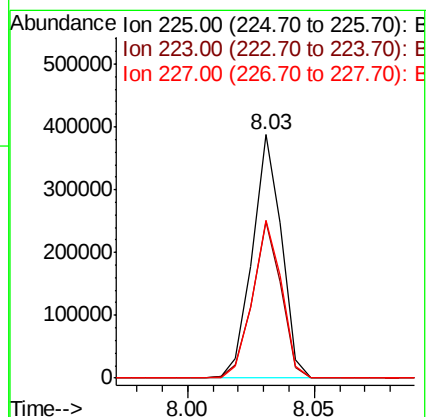
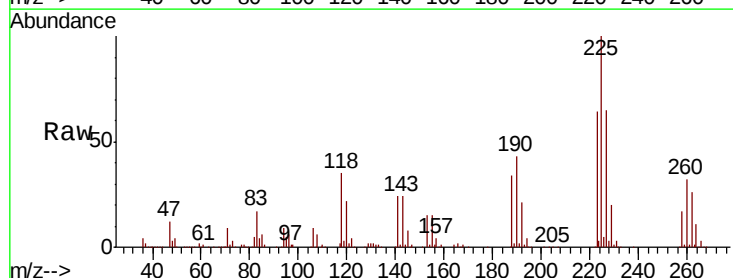
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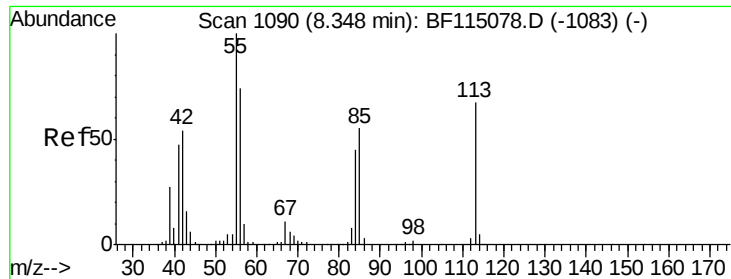
mohammad
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#34
Hexachlorobutadiene
Concen: 36.188 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	309372		
223	64.3	49.4	74.2	
227	64.6	51.8	77.8	





#35

Caprolactam

Concen: 35.095 ng/mL

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

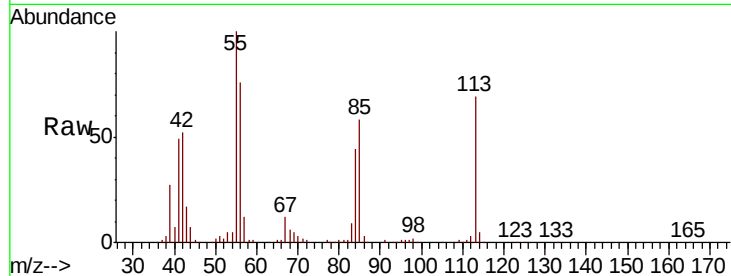
ClientSampleId :

SA-06-062619-BMSD

Tot Ion:	113	Resp:	166644
Ion Ratio	Lower	Upper	
113	100		
55	144.9	130.2	170.2
56	110.0	91.6	131.6

Manual Integrations
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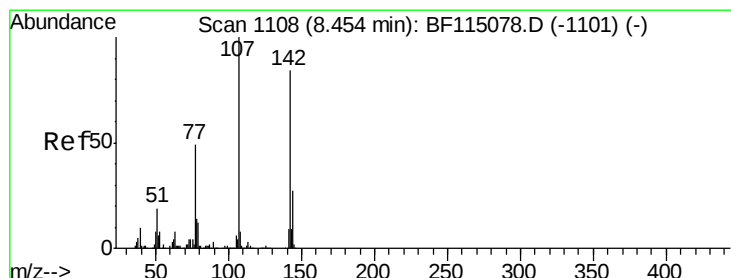
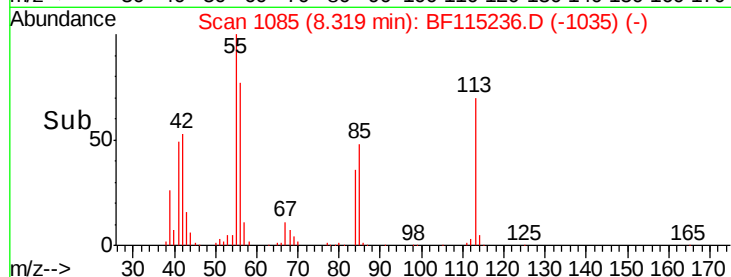
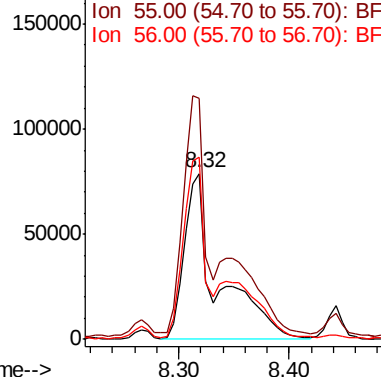


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.044 ng/mL

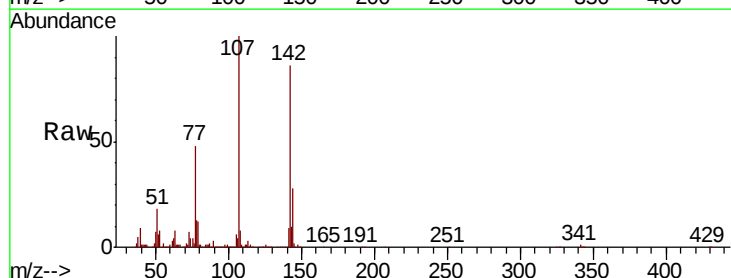
RT: 8.44 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion:	107	Resp:	544144
Ion Ratio	Lower	Upper	
107	100		
144	27.6	21.7	32.5
142	85.7	67.0	100.4

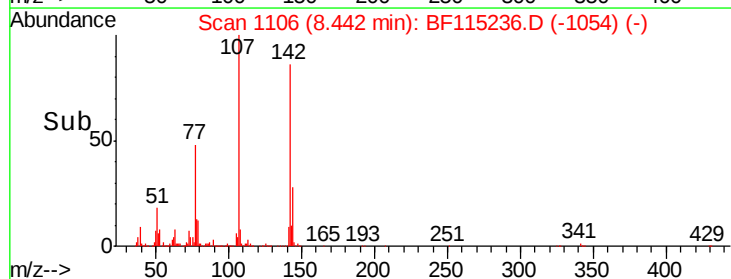
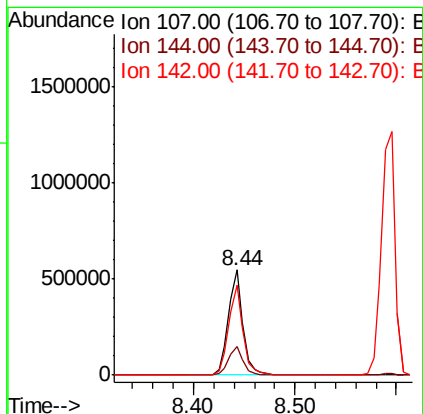


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





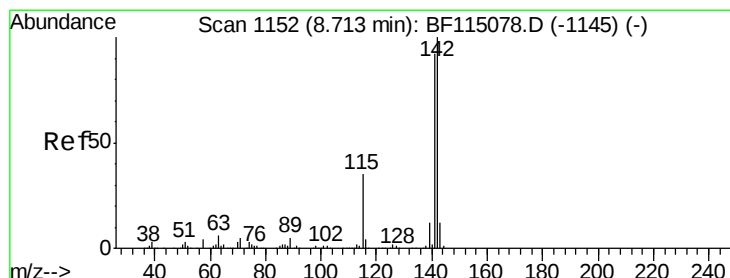
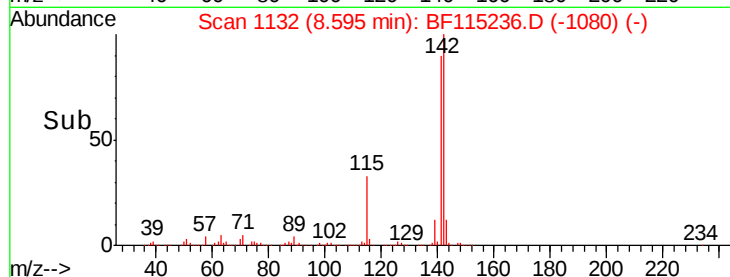
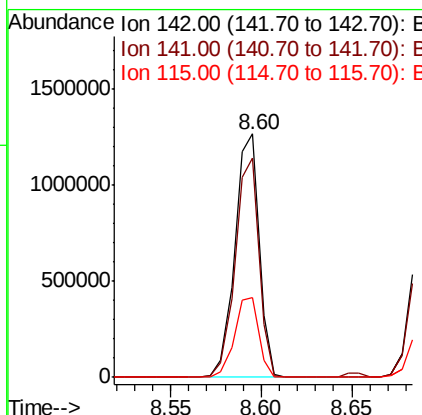
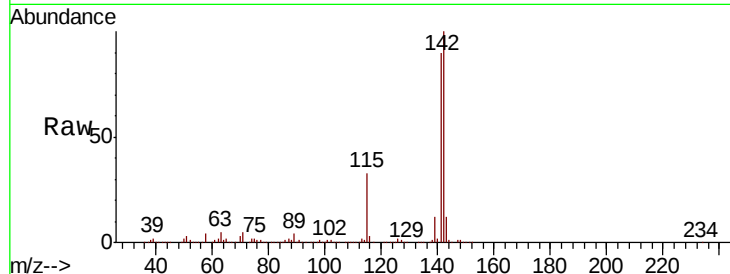
#37
2-Methylnaphthalene
Concen: 37.699 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion:142 Resp: 1179215
Ion Ratio Lower Upper
142 100
141 90.3 69.8 104.6
115 32.9 26.7 40.1

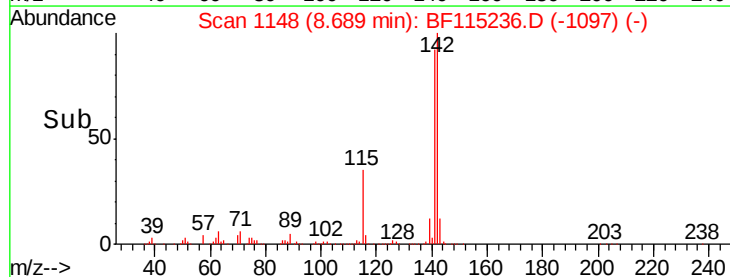
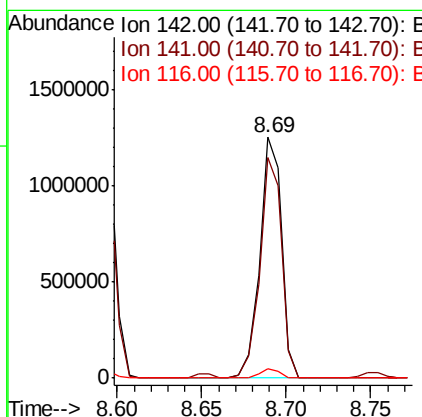
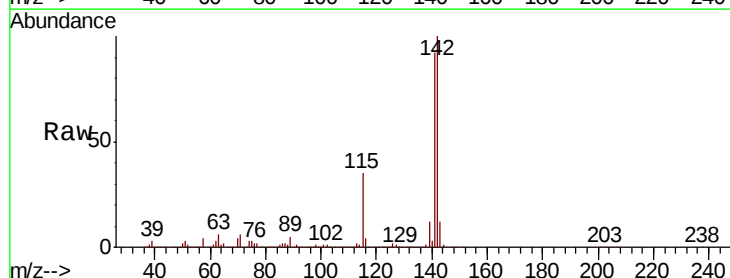
Manual Integrations
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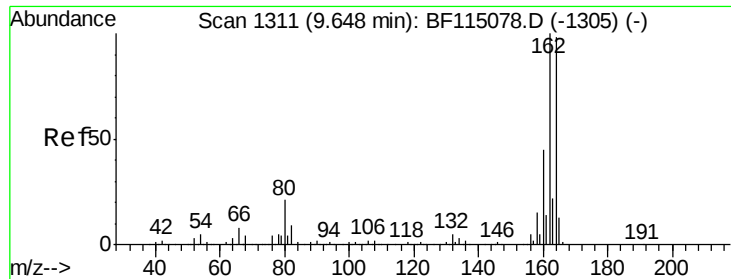
mohammad
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#38
1-Methylnaphthalene
Concen: 37.509 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:142 Resp: 1120562
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.8
116 3.8 2.8 4.2





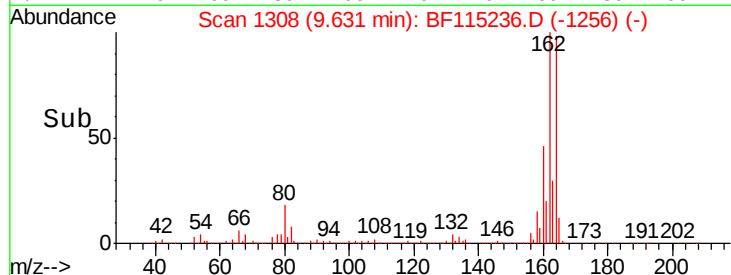
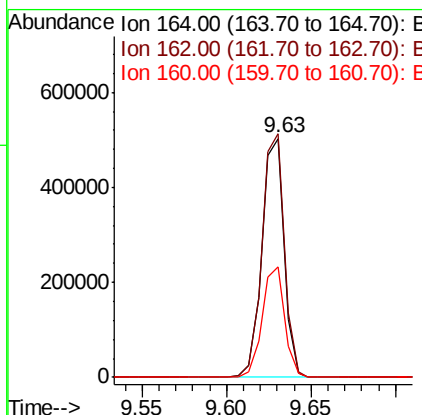
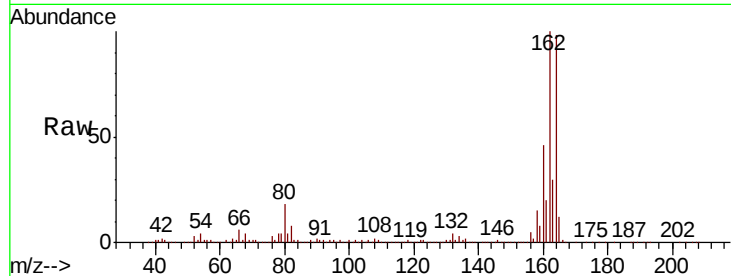
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.7	122.5
160	46.6	37.0	55.4

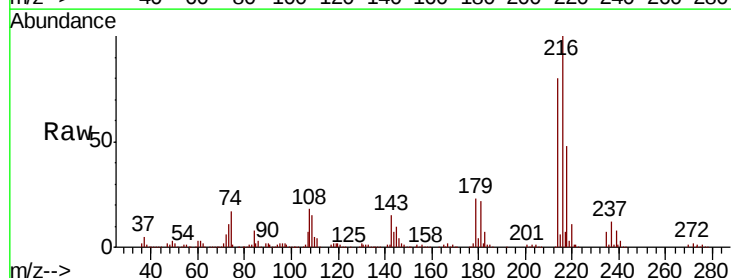
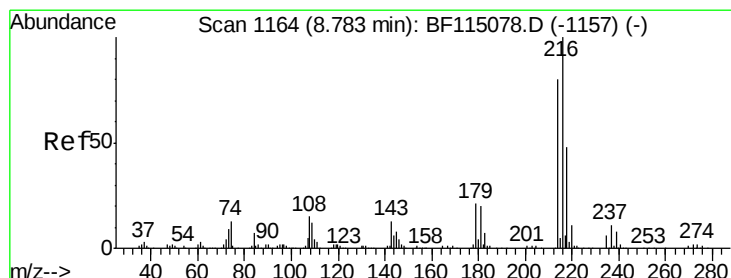
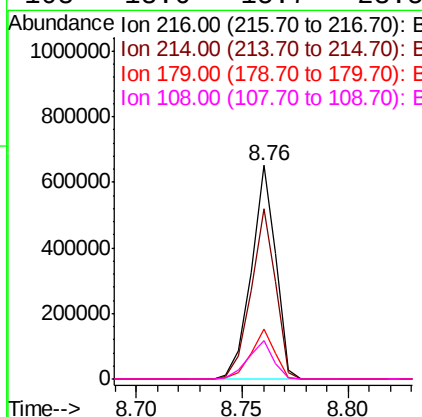
Manual Integrations
APPROVED

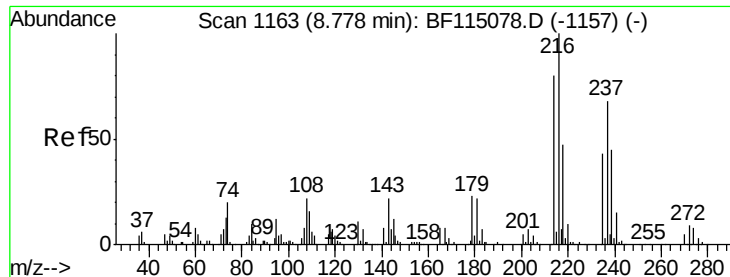
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.539 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	22.8	17.6	26.4
108	18.6	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 27.525 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

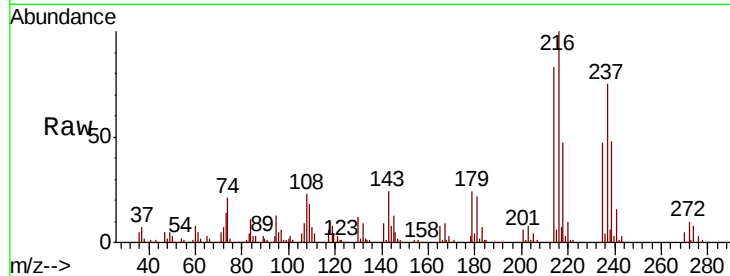
ClientSampleId :

SA-06-062619-BMSD

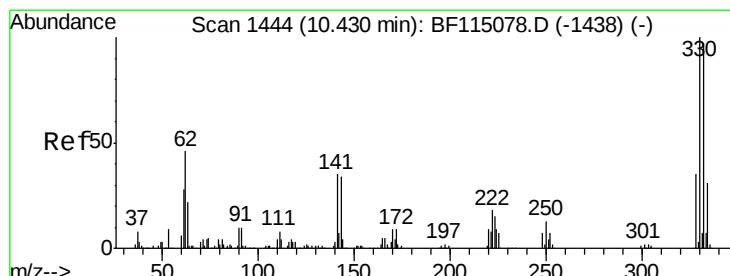
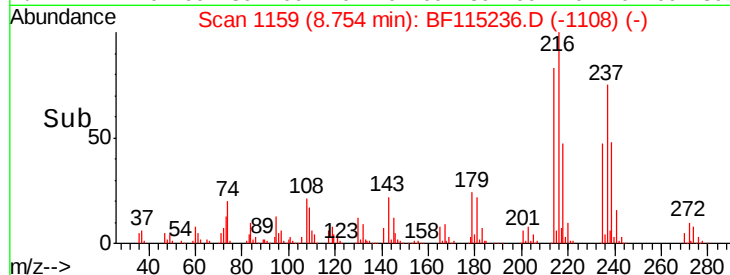
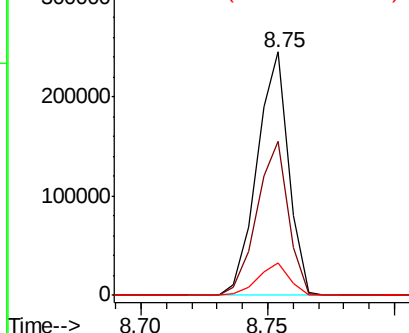
Tot Ion:	237	Resp:	211716
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.9	83.9
272	13.3	0.0	33.8

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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: 116.218 ng

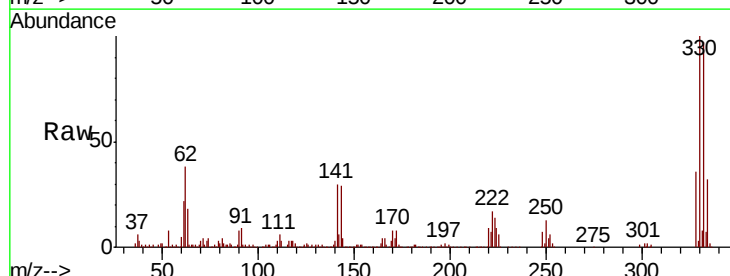
RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

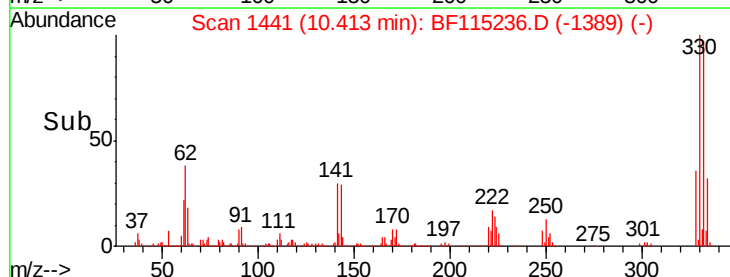
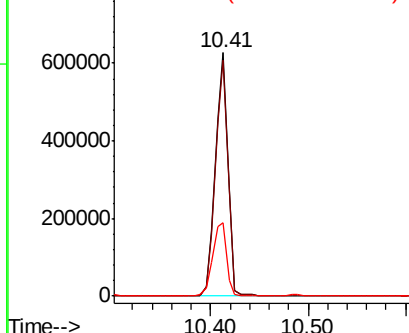
Lab File: BF115236.D

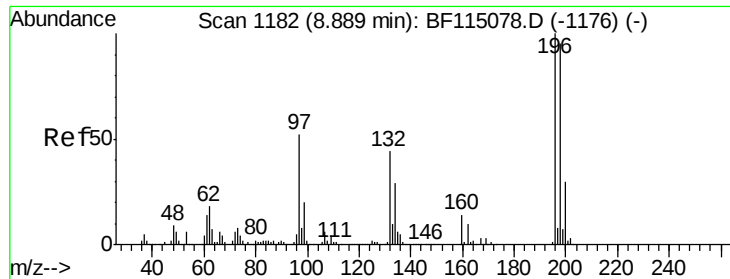
Acq: 27 Jun 2019 15:14

Tgt Ion:	330	Resp:	562580
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	32.9	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





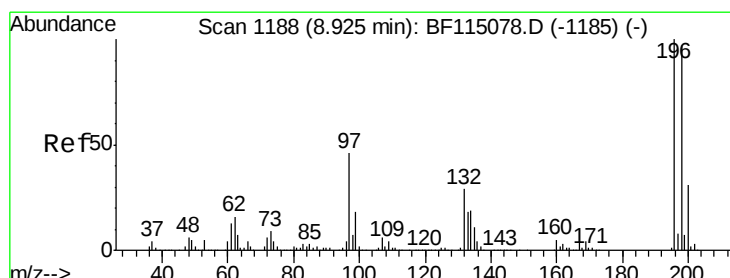
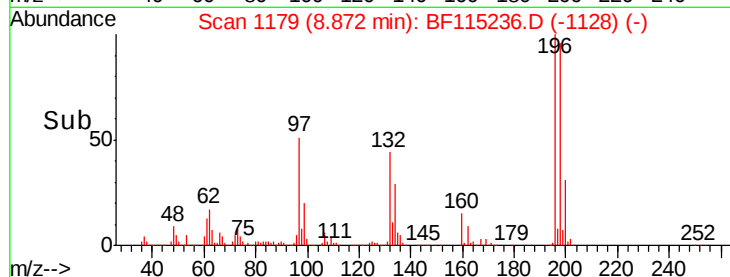
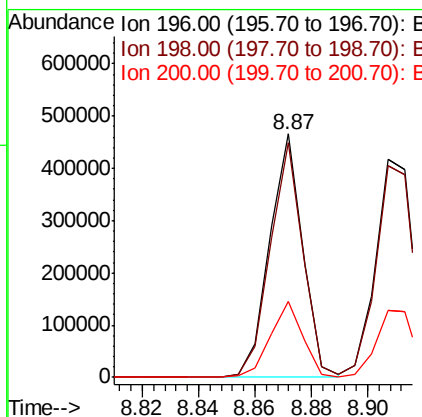
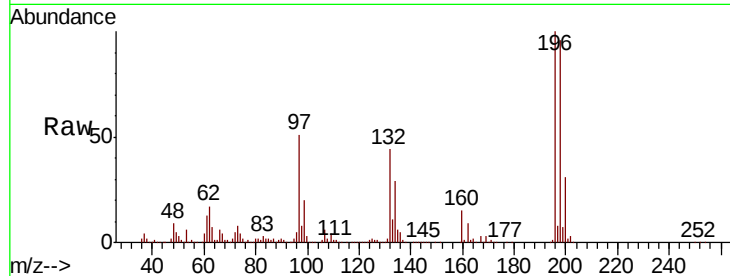
#43
 2,4,6-Trichlorophenol
 Concen: 37.765 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
200	31.2	24.2	36.4

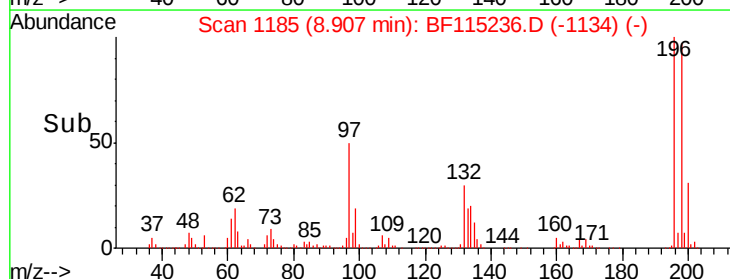
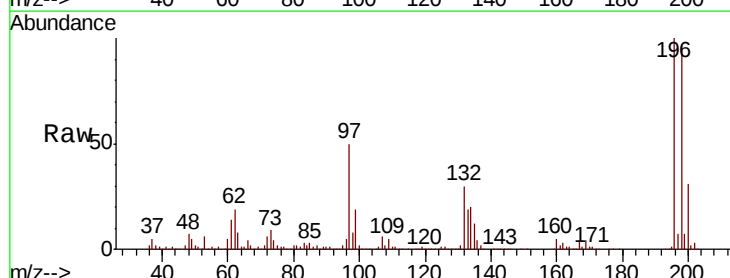
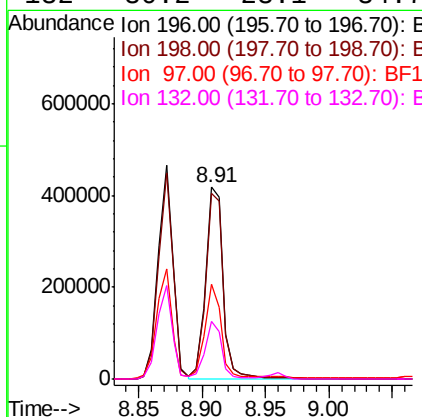
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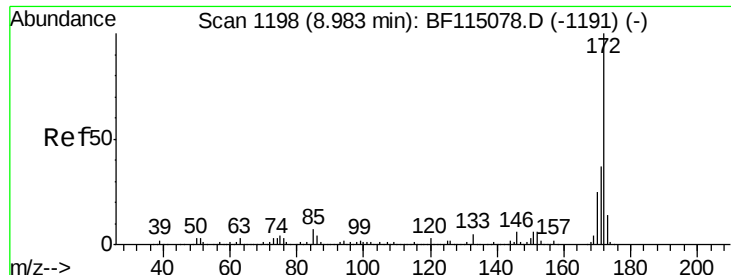
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#44
 2,4,5-Trichlorophenol
 Concen: 39.320 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.1	115.7
97	49.8	37.7	56.5
132	30.2	23.1	34.7





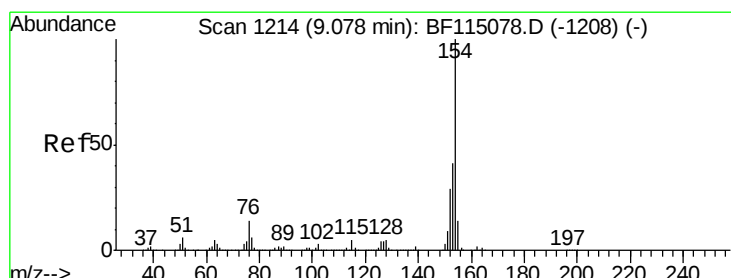
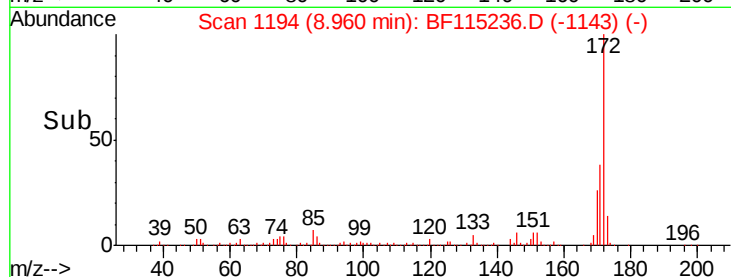
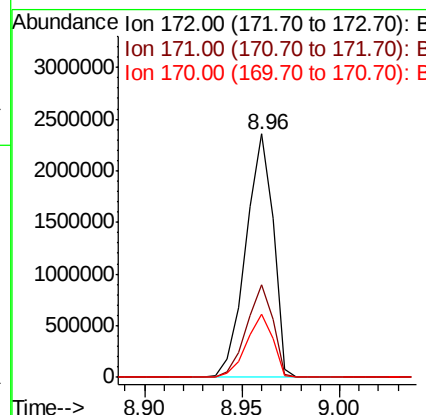
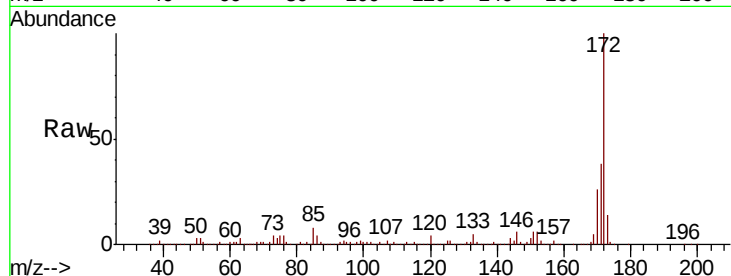
#45
2-Fluorobiphenyl
Concen: 84.778 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	26.0	20.3	30.5

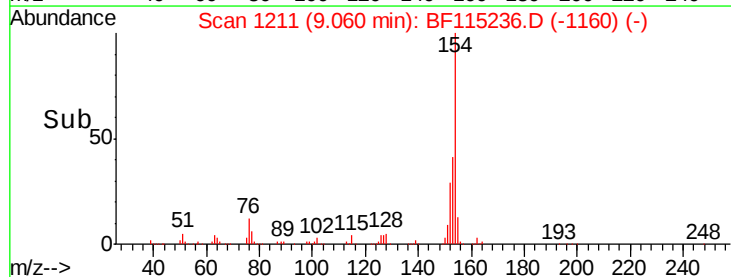
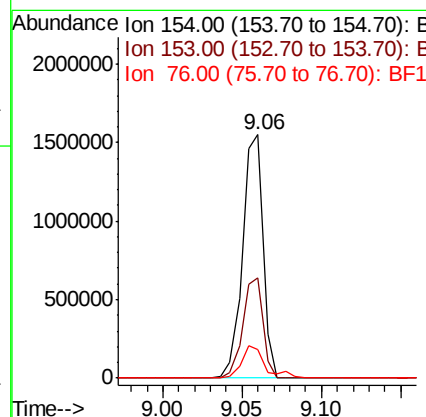
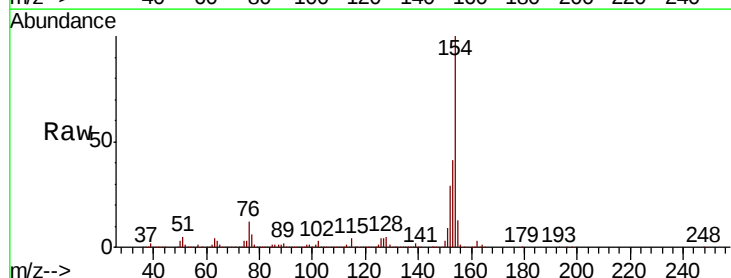
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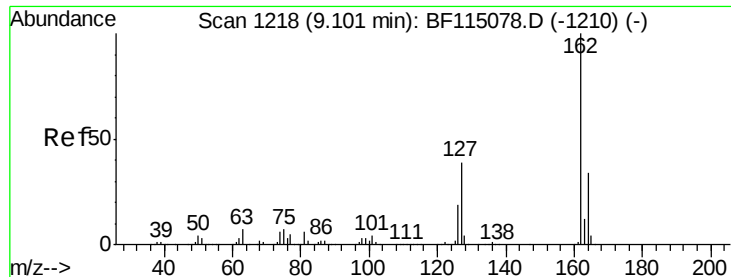
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#46
1,1'-Biphenyl
Concen: 37.639 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	11.7	0.0	34.1





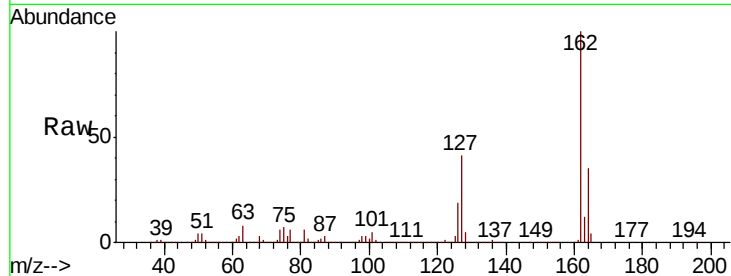
#47
2-Chloronaphthalene
Concen: 37.300 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.8	46.2
164	34.7	27.0	40.4

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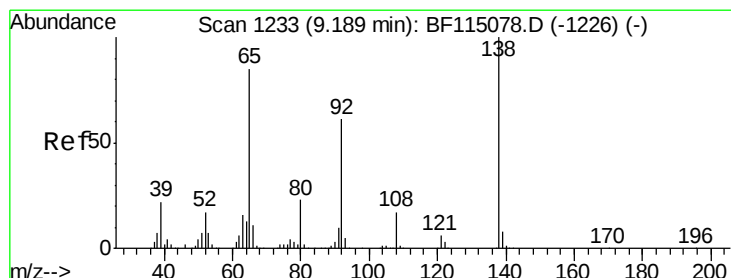
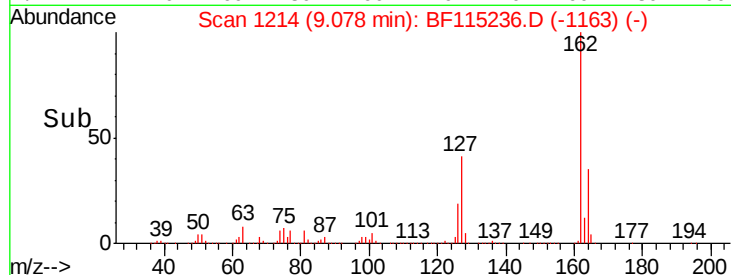
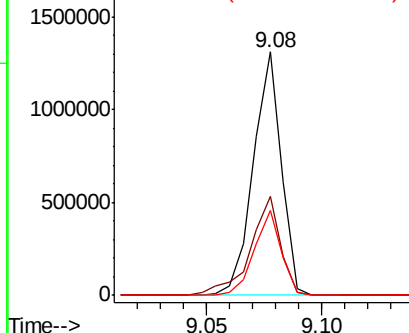


Abundance

Ion 162.00 (161.70 to 162.70): E

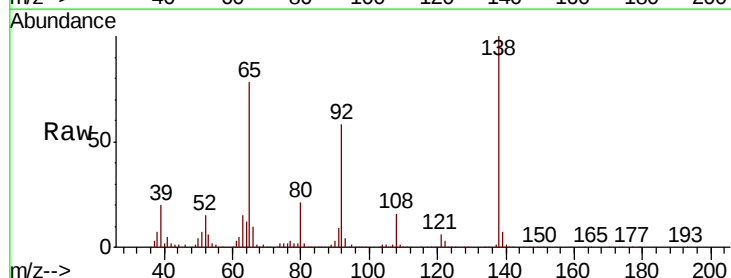
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.142 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	57.4	86.2
138	128.8	94.1	141.1

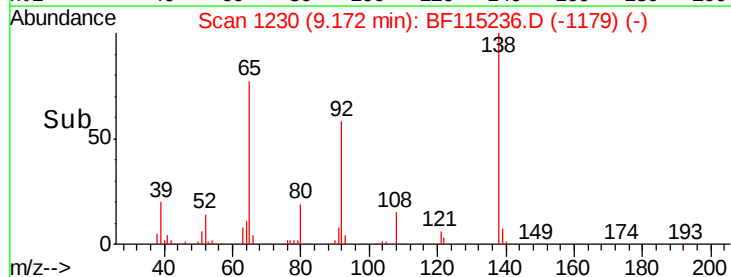
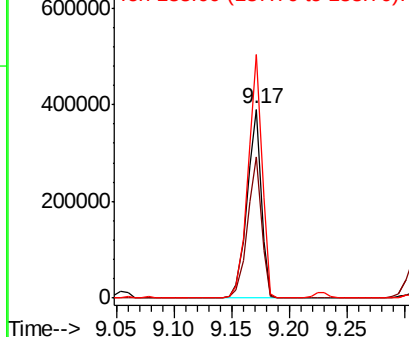


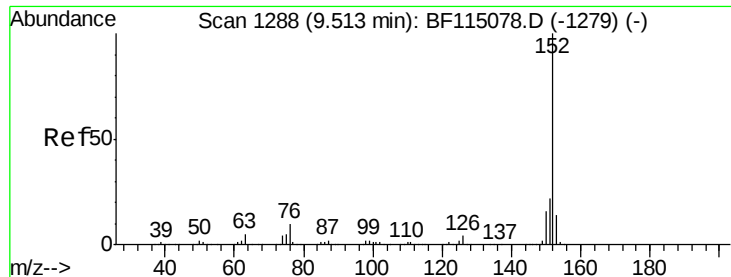
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.000 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

Tot Ion:152 Resp: 1763945

Ion Ratio Lower Upper

152 100

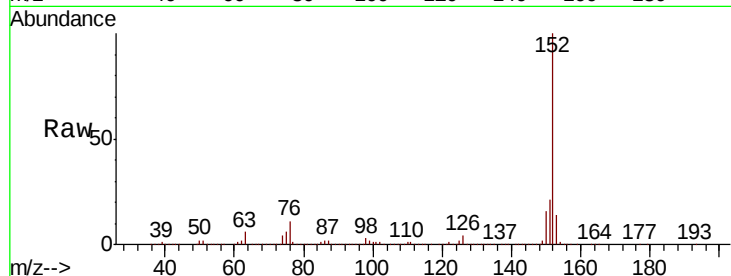
151 21.5 17.2 25.8

153 14.3 11.0 16.6

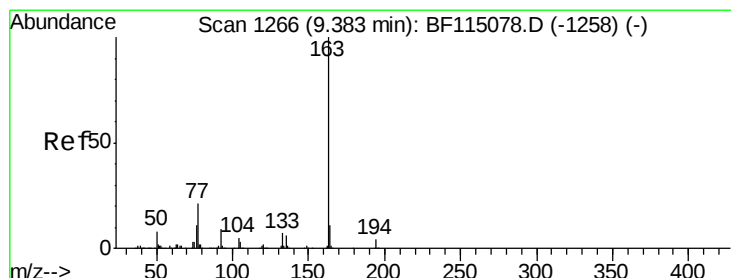
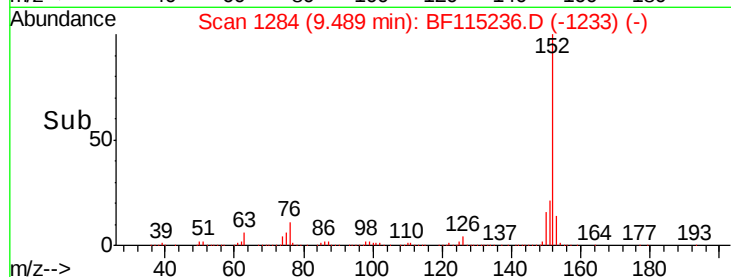
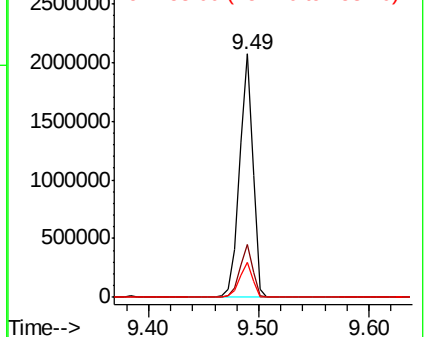
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.738 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

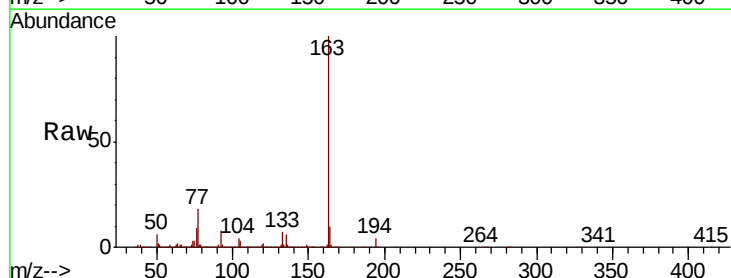
Tgt Ion:163 Resp: 1544693

Ion Ratio Lower Upper

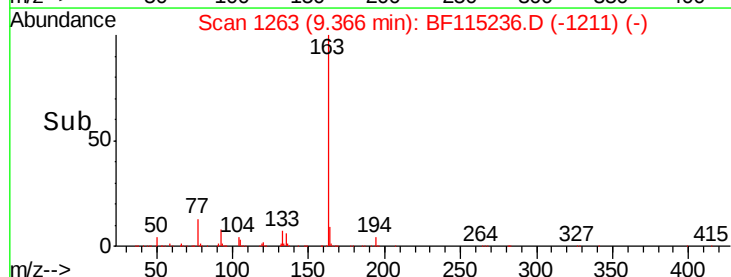
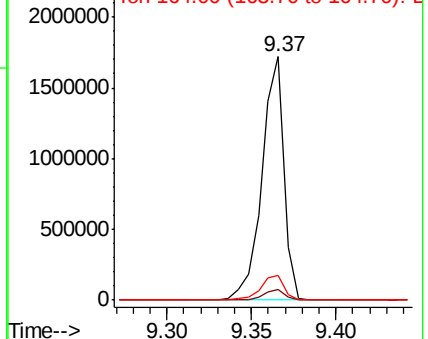
163 100

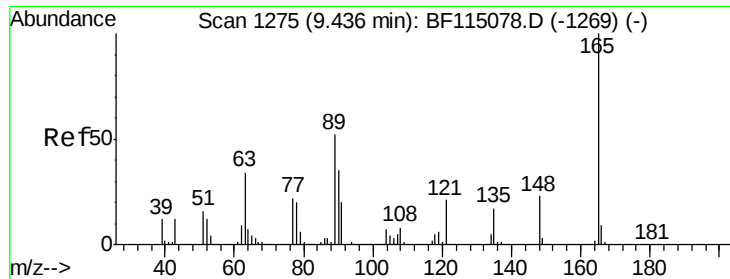
194 4.3 3.2 4.8

164 10.3 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: 38.574 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

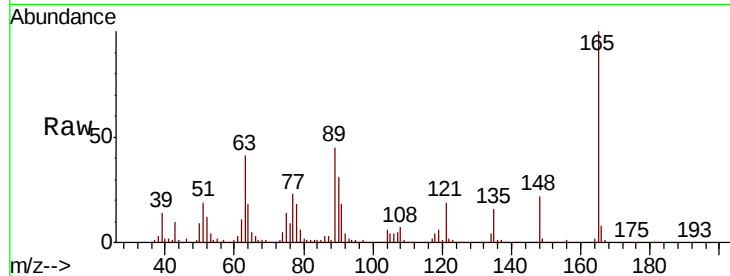
ClientSampleId :

SA-06-062619-BMSD

Tot Ion:	165	Resp:	300763
Ion Ratio	Lower	Upper	
165	100		
63	40.6	39.4	59.2
89	45.4	42.0	63.0

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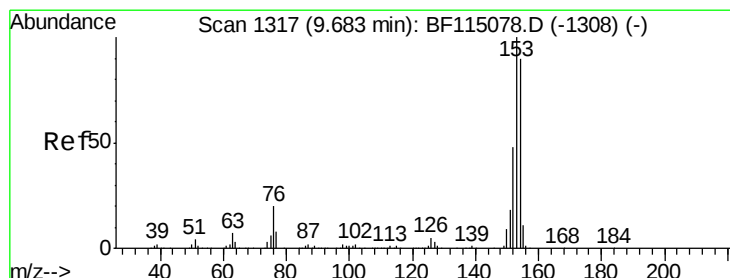
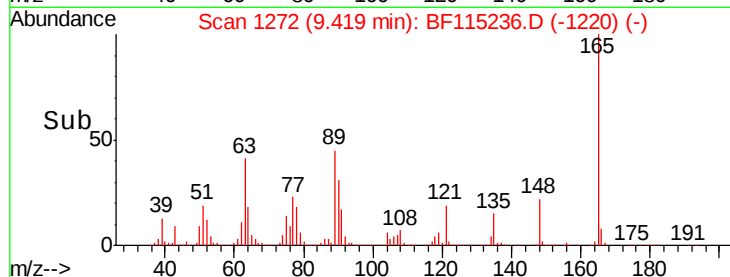
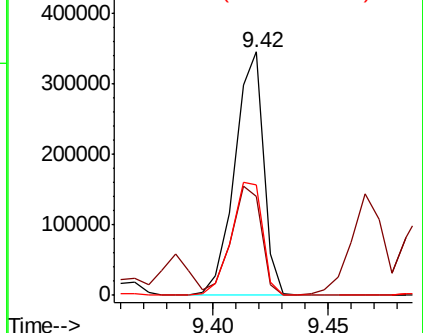
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.291 ng

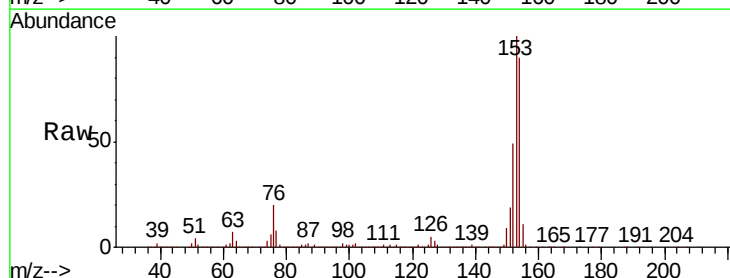
RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

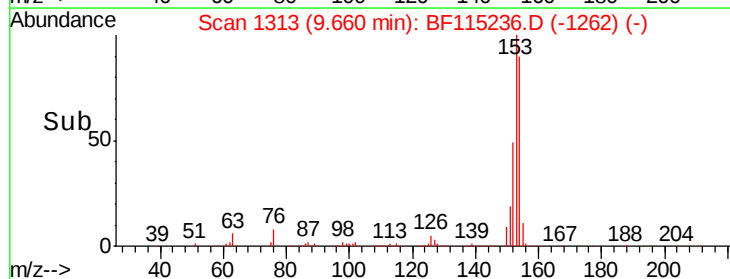
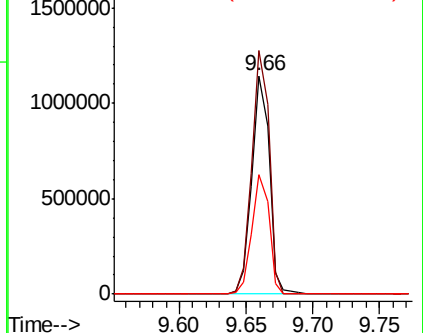
Tgt Ion:	154	Resp:	1025092
Ion Ratio	Lower	Upper	
154	100		
153	111.4	88.7	133.1
152	54.6	42.6	64.0

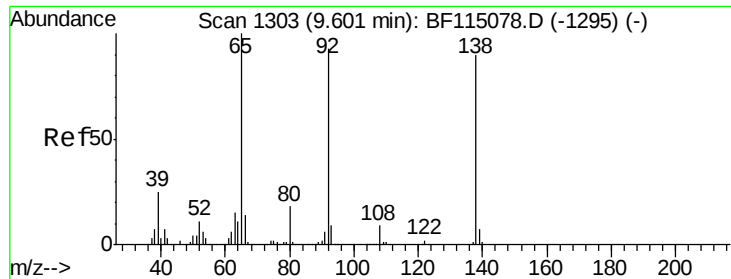


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





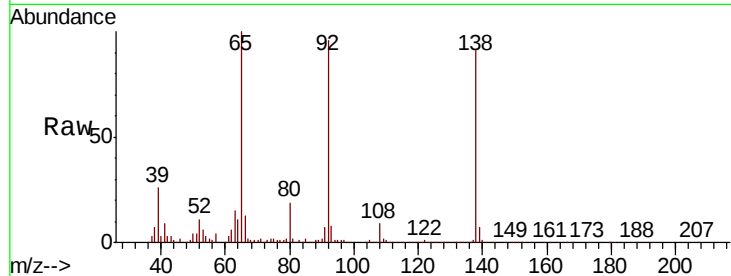
#53
3-Nitroaniline
Concen: 32.030 ng
RT: 9.58 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	105.1	82.9	124.3

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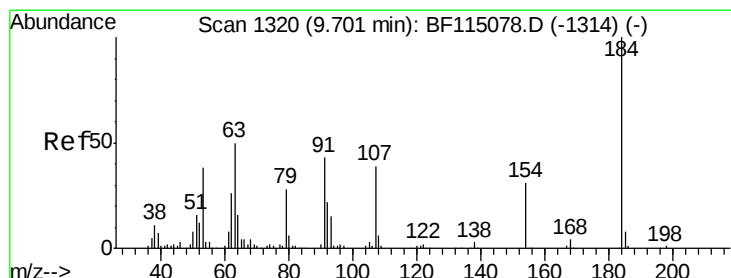
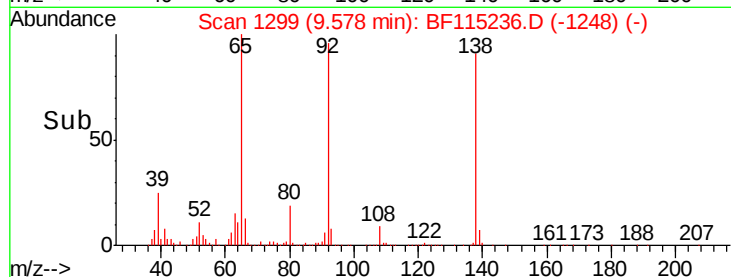
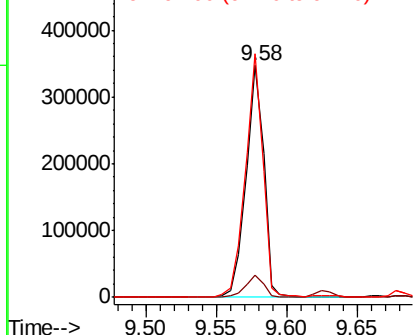


Abundance

Ion 138.00 (137.70 to 138.70): E

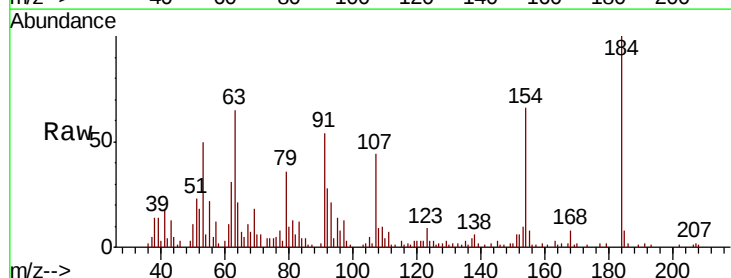
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 14.471 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	41.9	62.9#
154	65.7	44.7	67.1

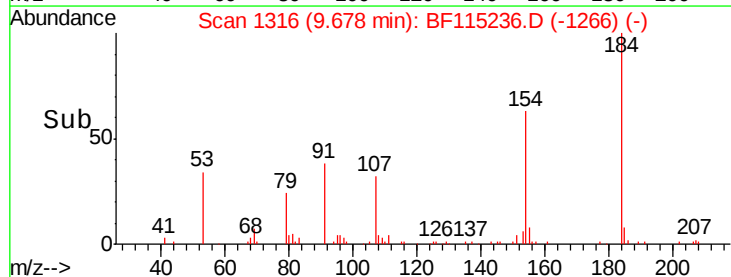
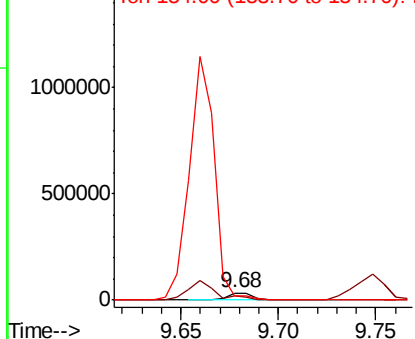


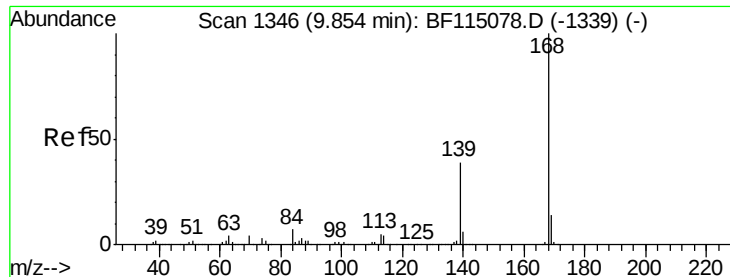
Abundance

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





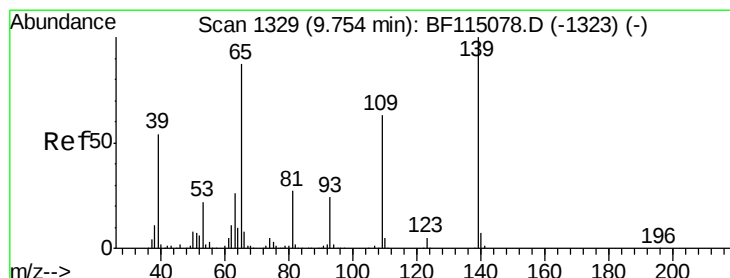
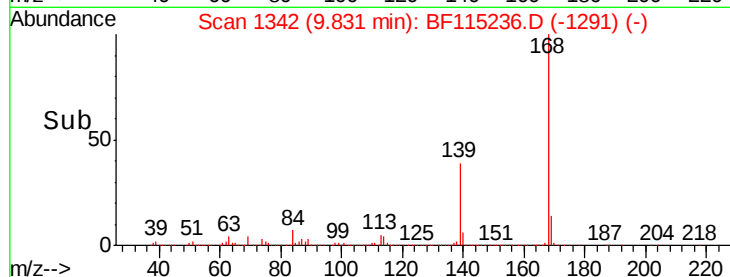
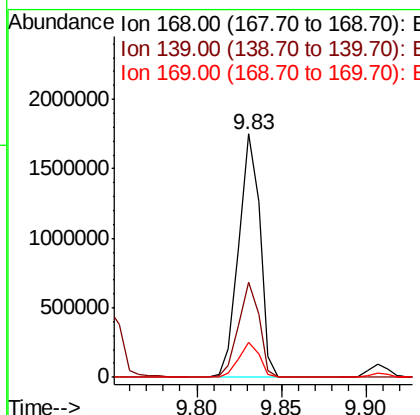
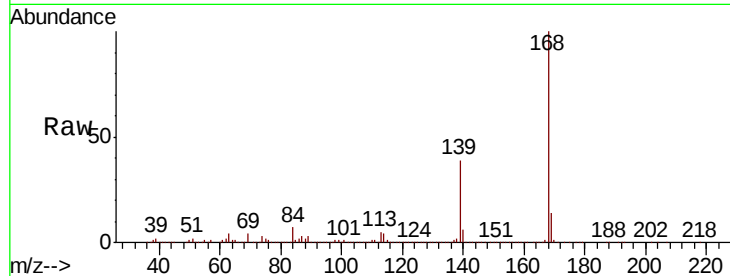
#55
Dibenzofuran
Concen: 36.644 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.1	46.7
169	14.3	11.3	16.9

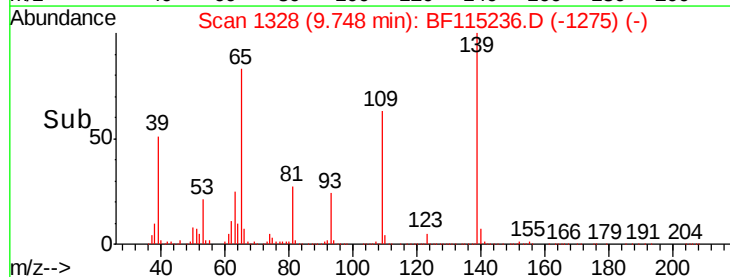
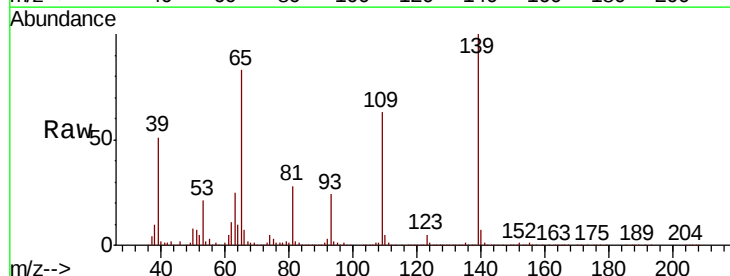
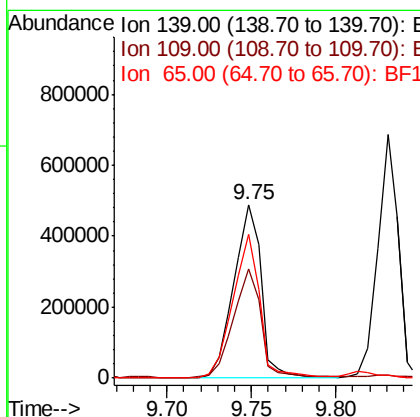
Manual Integrations
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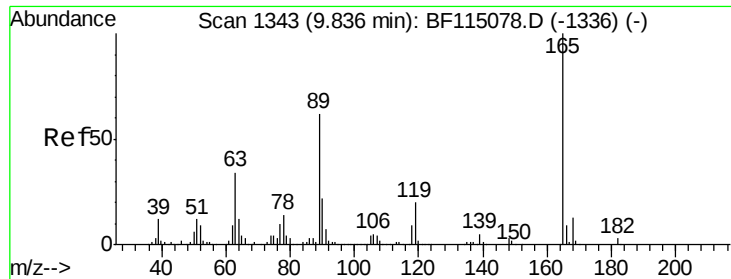
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#56
4-Nitrophenol
Concen: 72.401 ng
RT: 9.75 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.0	43.0	83.0
65	83.1	67.0	107.0





#57

2,4-Dinitrotoluene

Concen: 38.616 ng

RT: 9.81 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

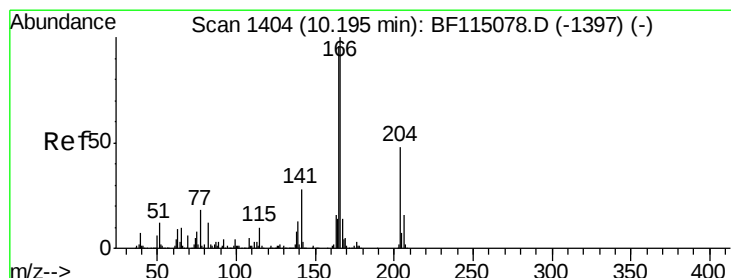
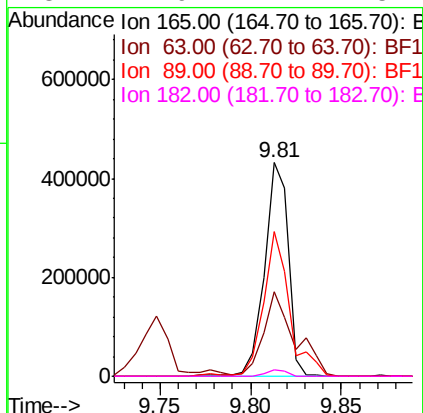
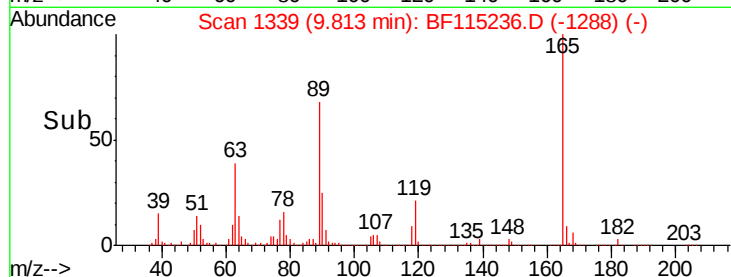
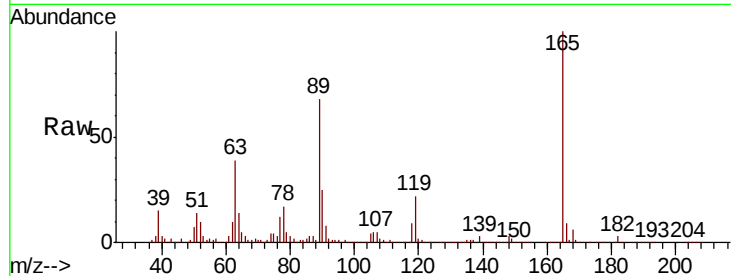
ClientSampleId :

SA-06-062619-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	388770		
63	39.4	27.5	41.3	
89	68.0	49.9	74.9	
182	2.9	2.1	3.1	

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#58

Fluorene

Concen: 38.205 ng

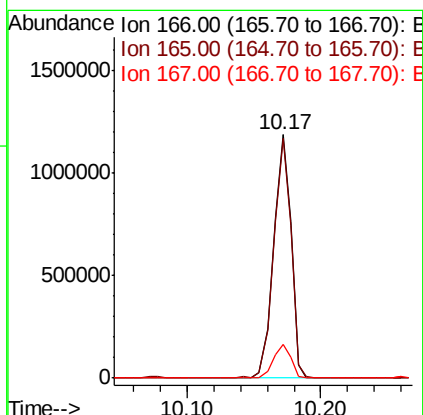
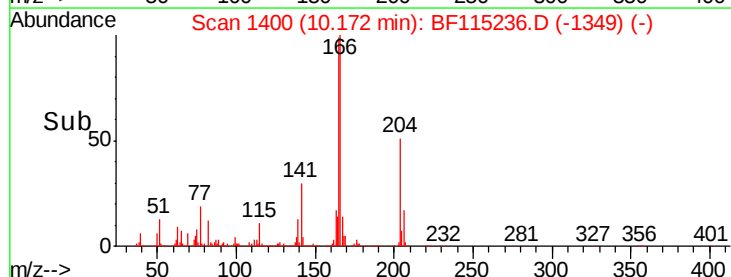
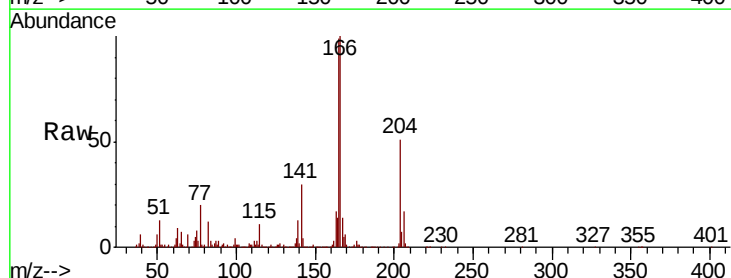
RT: 10.17 min Scan# 1400

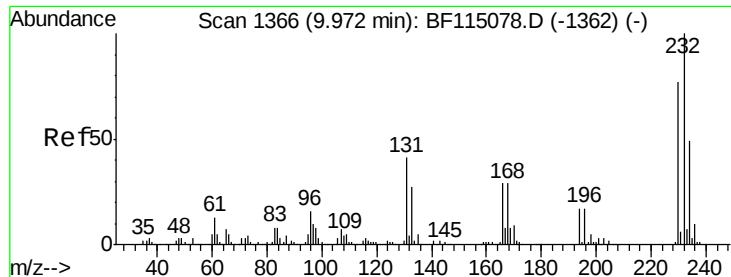
Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1088070		
165	98.7	76.5	114.7	
167	14.0	11.0	16.4	





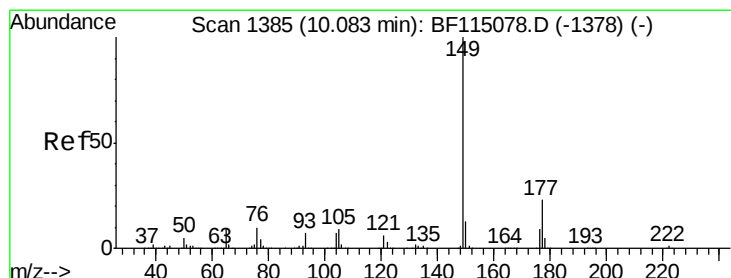
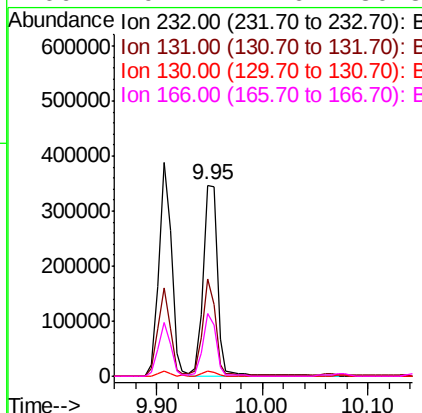
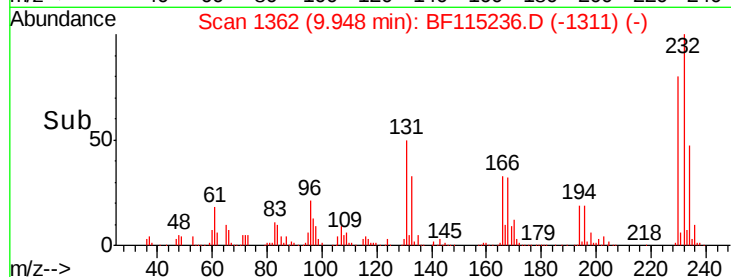
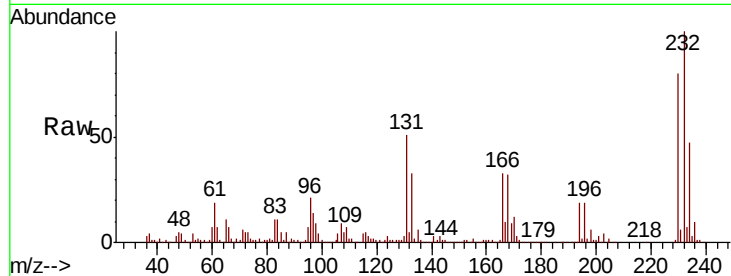
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.597 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.4	56.0
130	2.5	1.8	2.6
166	29.7	24.6	36.8

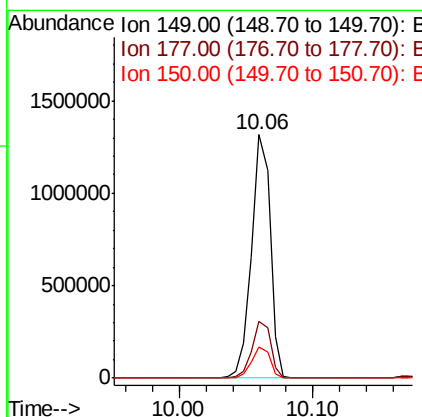
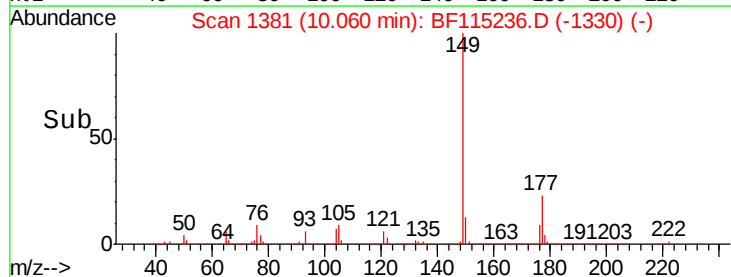
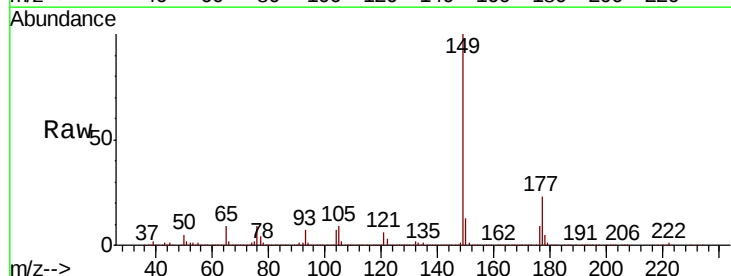
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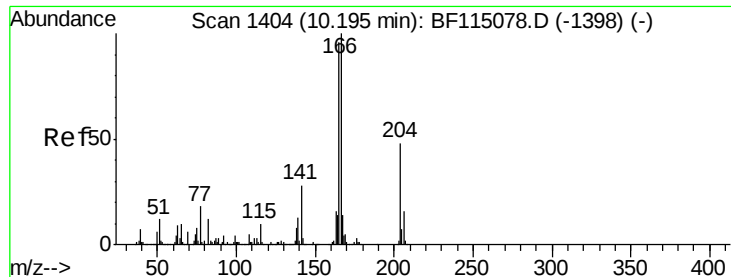
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#60
 Diethylphthalate
 Concen: 36.935 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	12.7	10.4	15.6





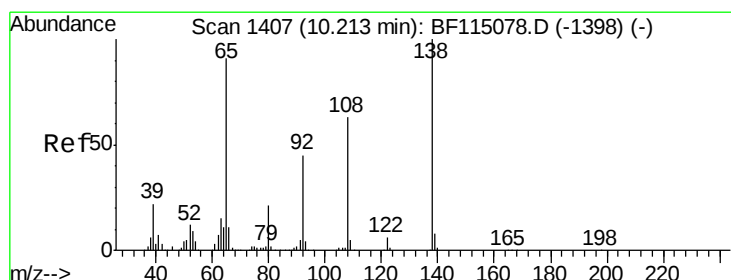
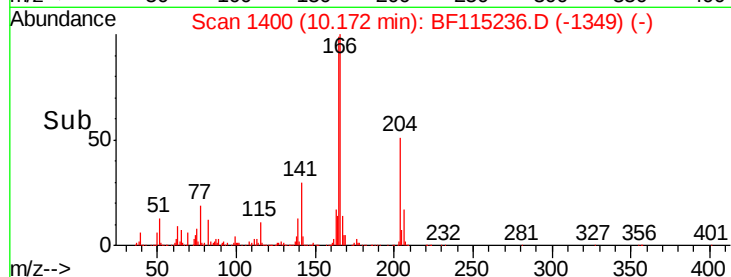
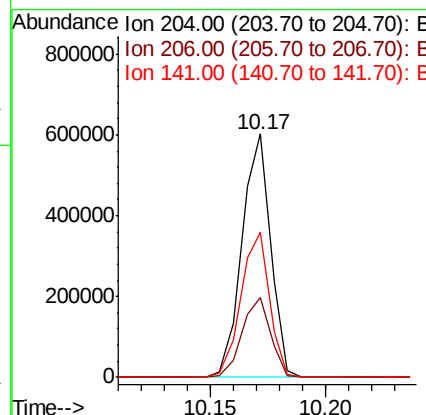
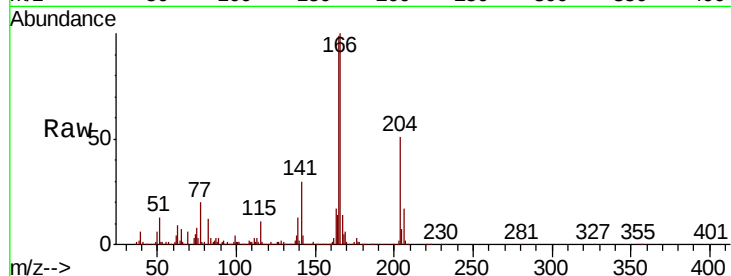
#61
4-Chlorophenyl-phenylether
Concen: 38.494 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	520727		
206	32.6		26.6	40.0
141	59.5		46.7	70.1

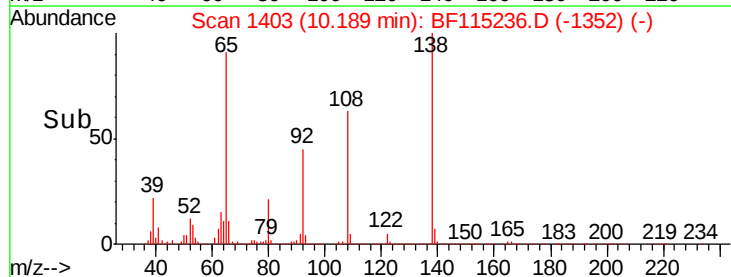
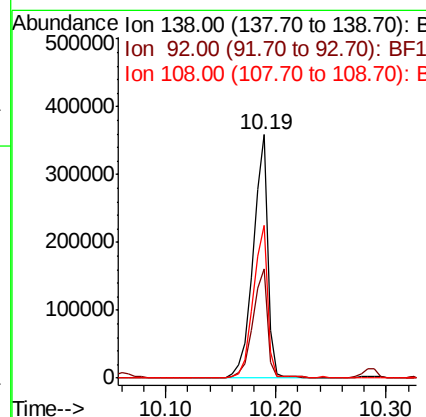
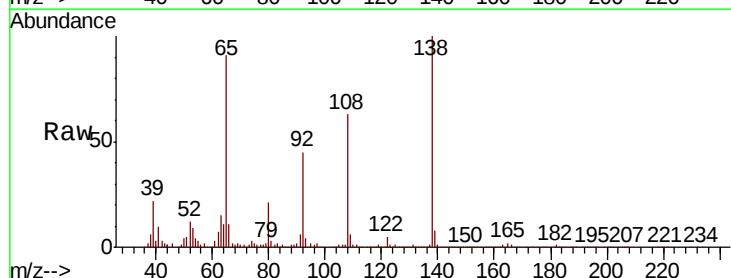
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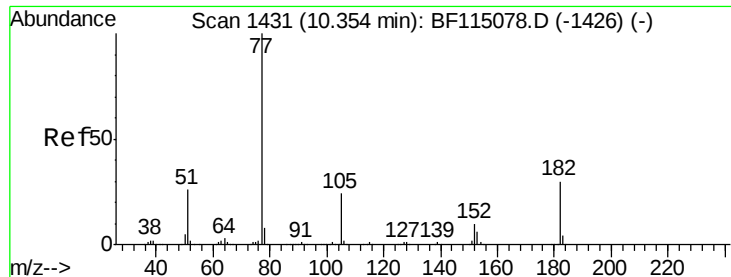
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#62
4-Nitroaniline
Concen: 35.081 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	334859		
92	44.8		24.8	64.8
108	62.6		43.3	83.3





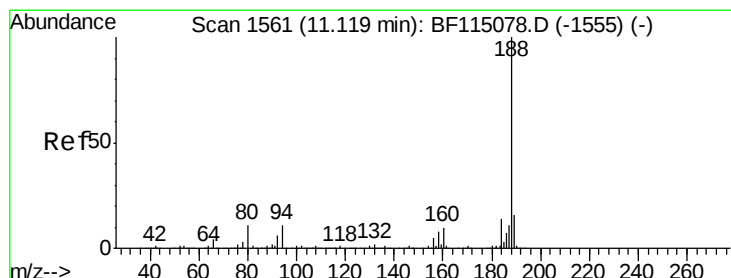
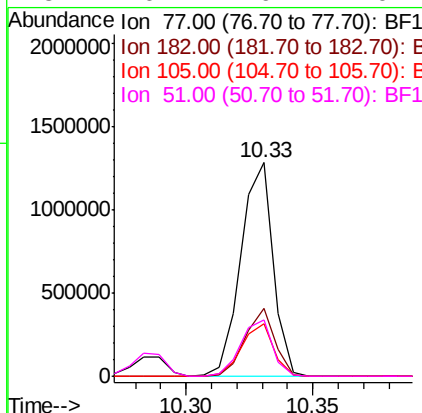
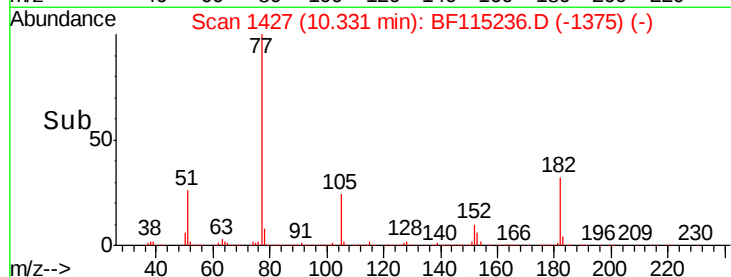
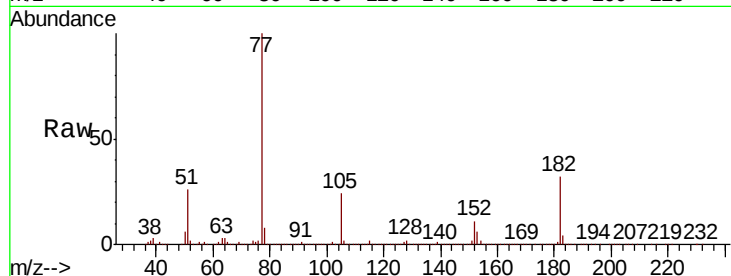
#63
Azobenzene
Concen: 35.683 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.7	10.1	50.1
105	24.5	4.5	44.5
51	26.2	6.4	46.4

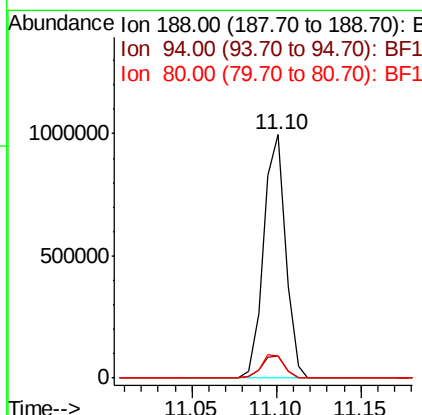
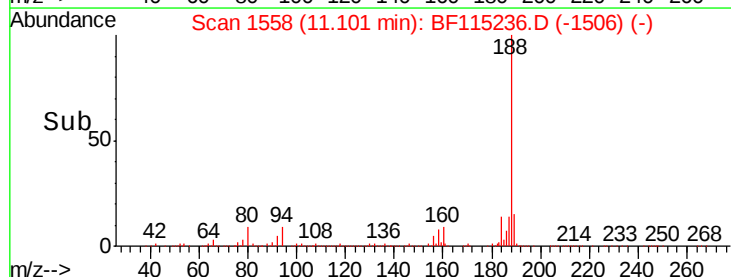
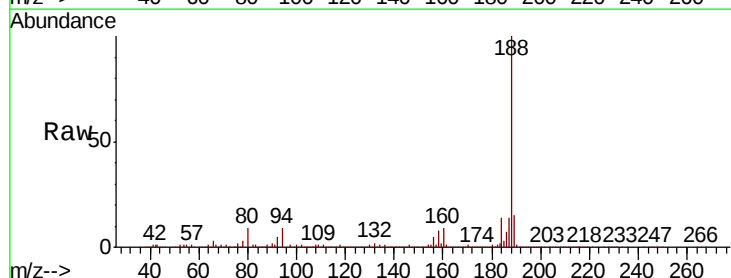
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.6	12.8
80	9.2	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 13.987 ng

RT: 10.22 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

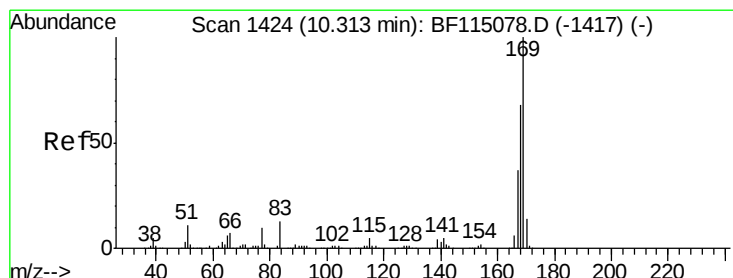
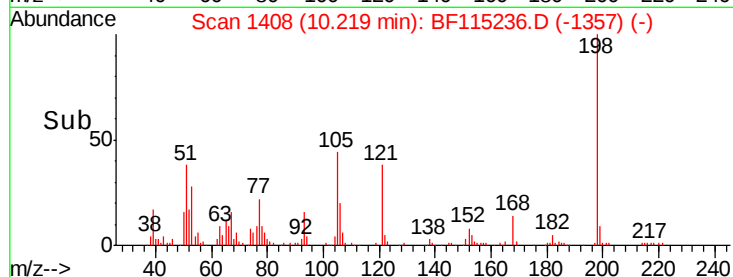
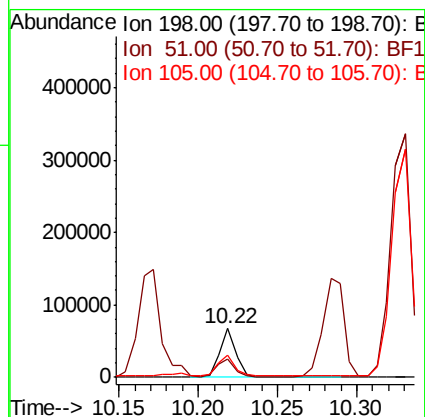
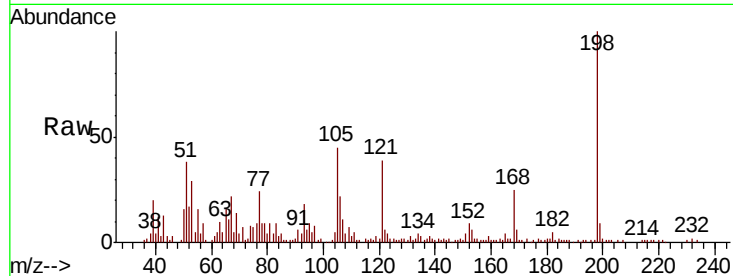
ClientSampleId :

SA-06-062619-BMSD

Tot Ion:	198	Resp:	48281
Ion Ratio	Lower	Upper	
198	100		
51	37.7	11.0	51.0
105	45.5	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 37.601 ng

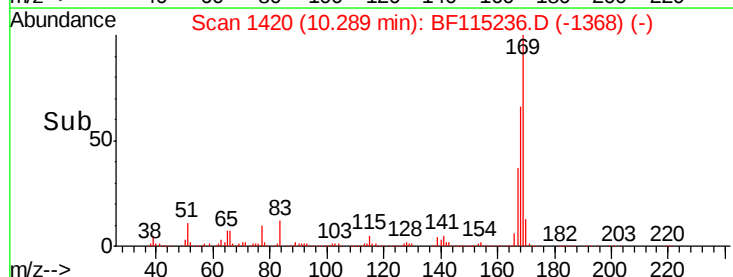
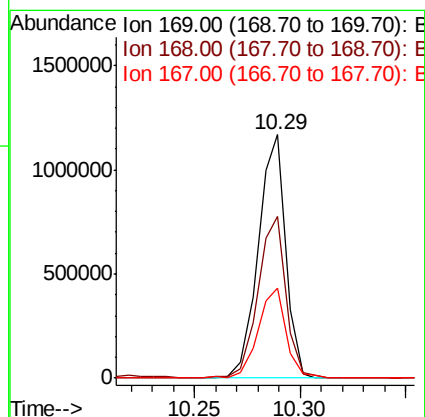
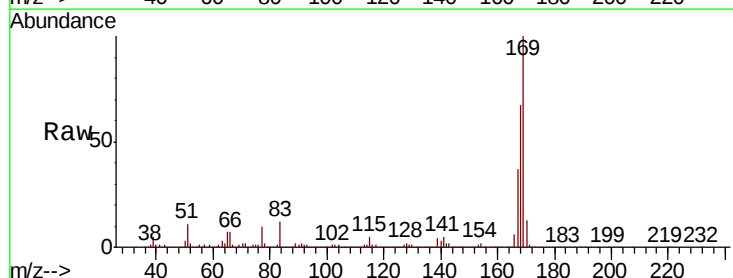
RT: 10.29 min Scan# 1420

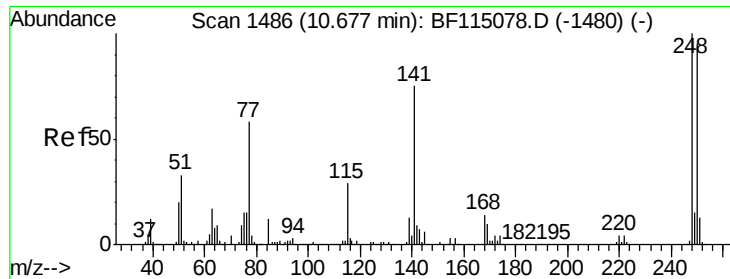
Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion:	169	Resp:	1055920
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.2	81.4
167	37.0	29.4	44.0





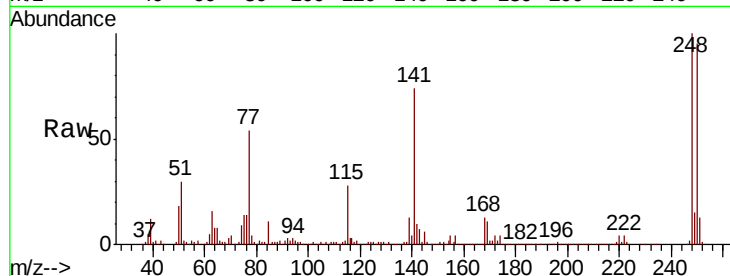
#67
4-Bromophenyl-phenylether
Concen: 37.355 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	76.2	114.2
141	73.5	59.6	89.4

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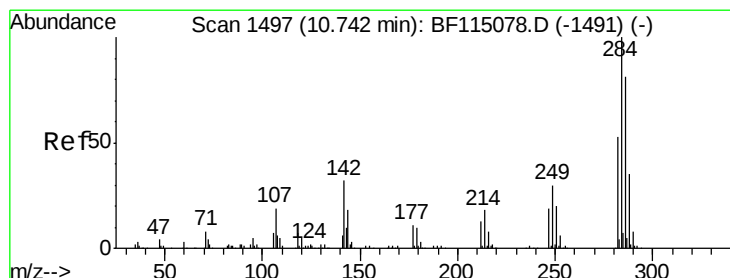
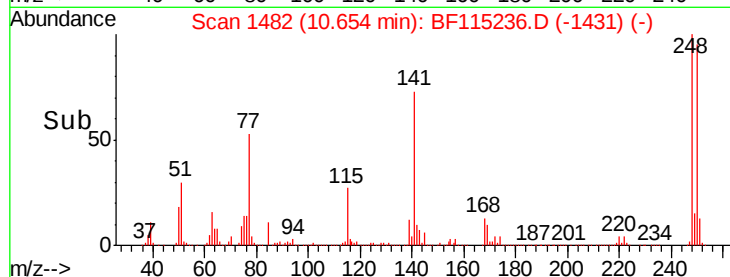
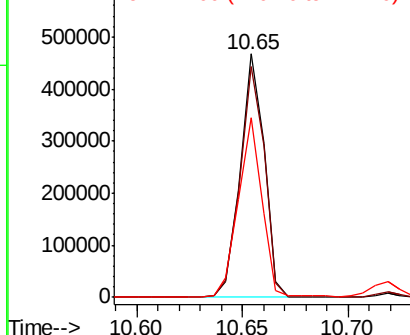


Abundance

Ion 248.00 (247.70 to 248.70): E

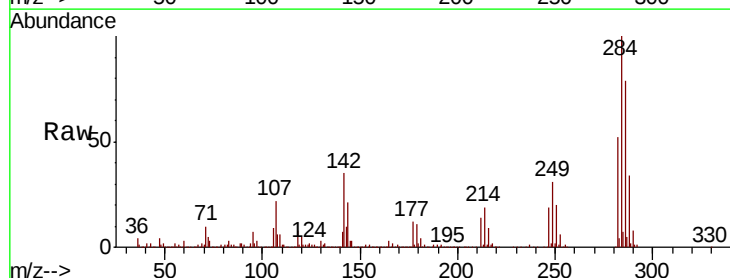
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.411 ng
RT: 10.72 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	25.8	38.8
249	31.1	24.2	36.4

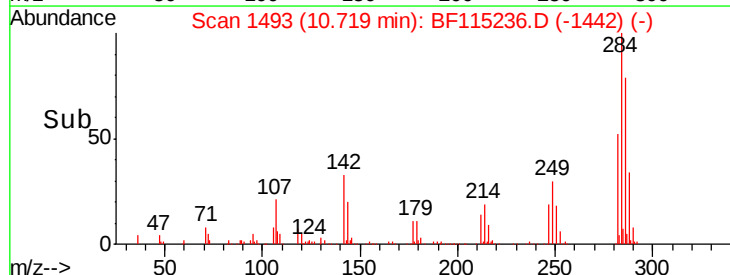
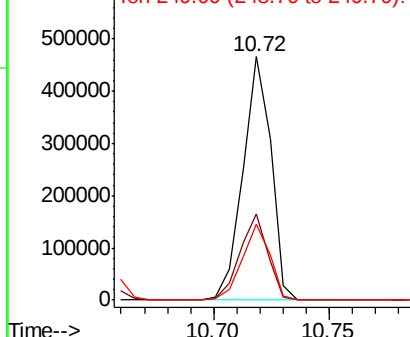


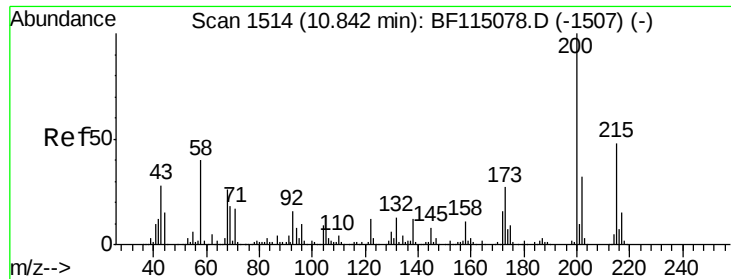
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





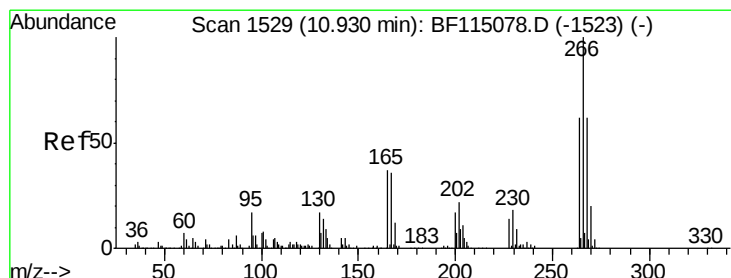
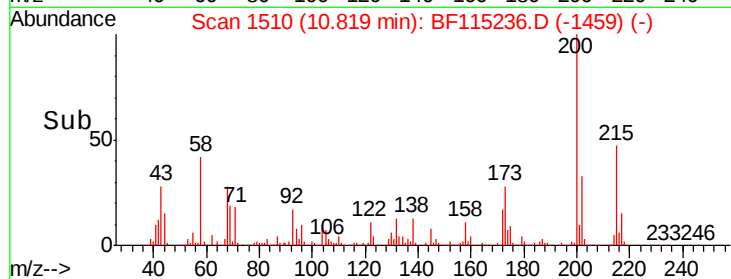
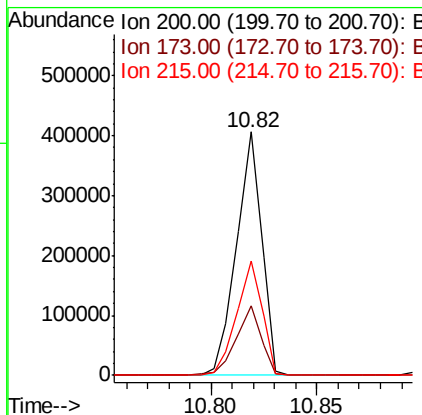
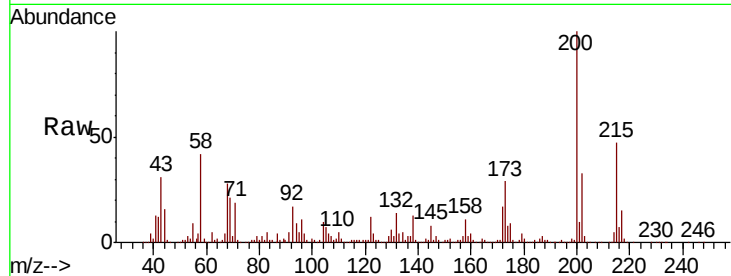
#69
 Atrazine
 Concen: 37.034 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.4	47.4
215	46.7	27.8	67.8

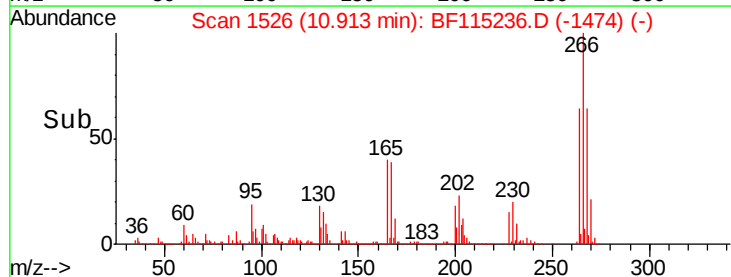
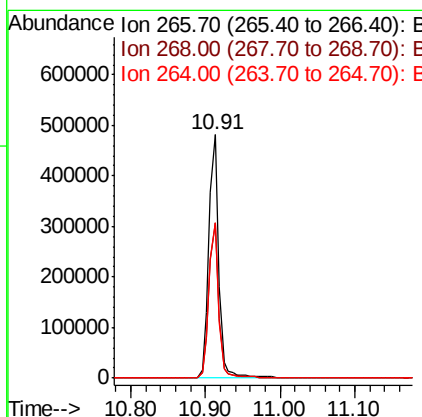
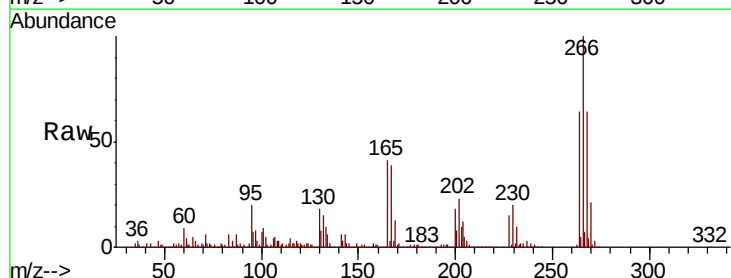
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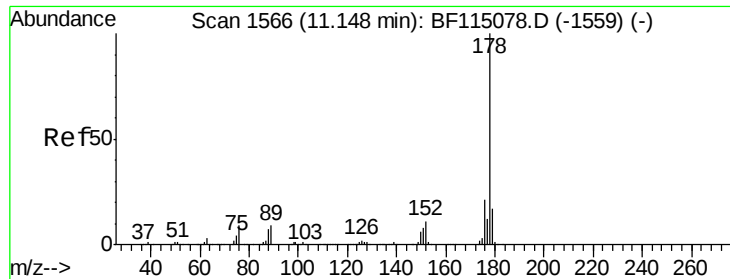
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#70
 Pentachlorophenol
 Concen: 67.072 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.5	74.3
264	63.6	49.3	73.9





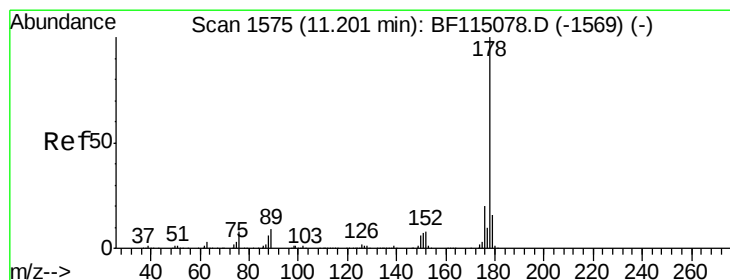
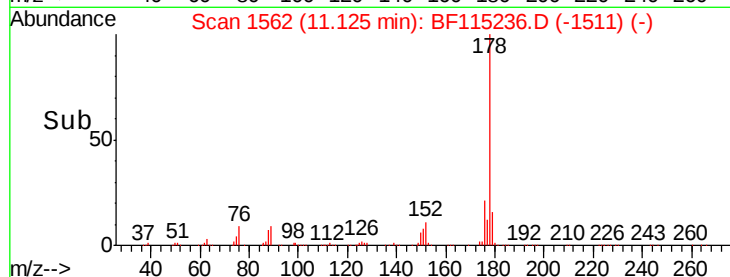
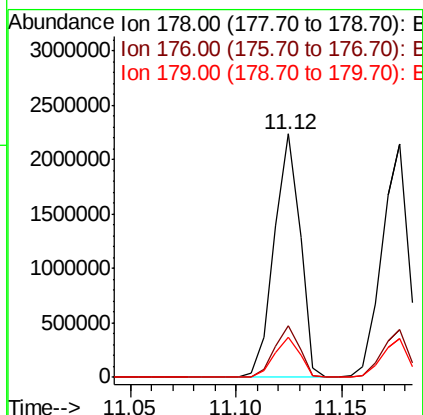
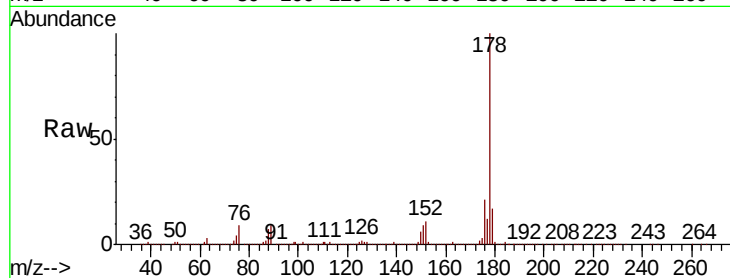
#71
Phenanthrene
Concen: 39.332 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.9	25.3
179	16.7	13.2	19.8

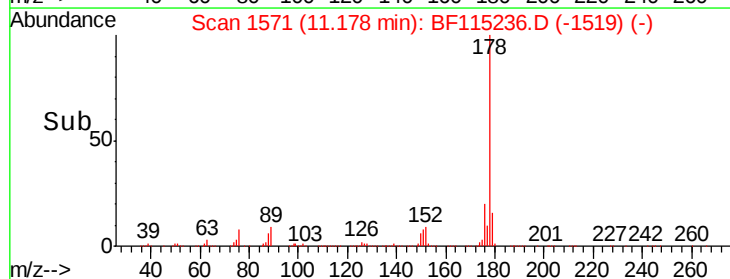
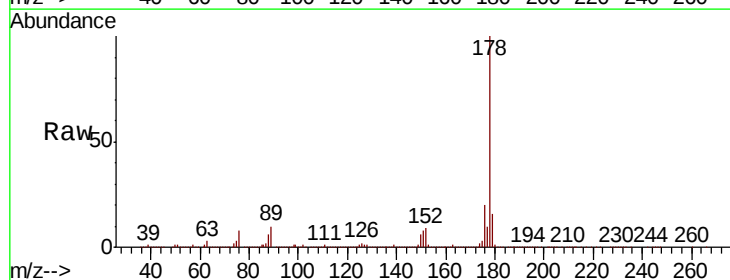
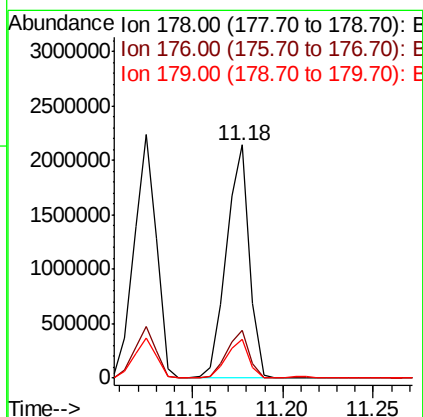
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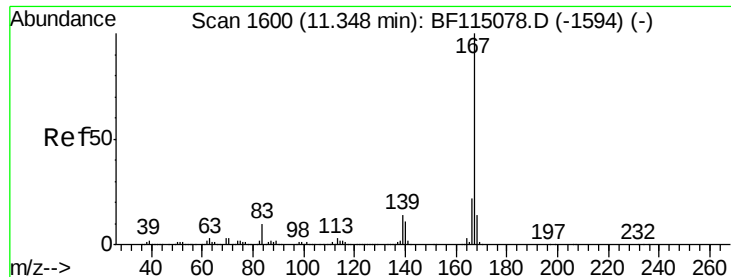
mohammad
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#72
Anthracene
Concen: 38.378 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	16.4	12.9	19.3





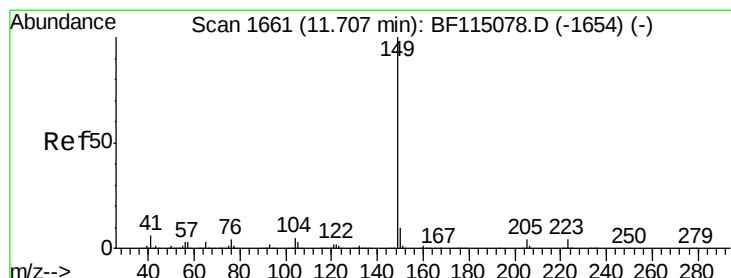
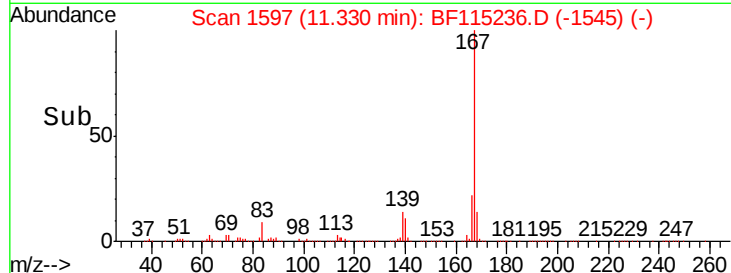
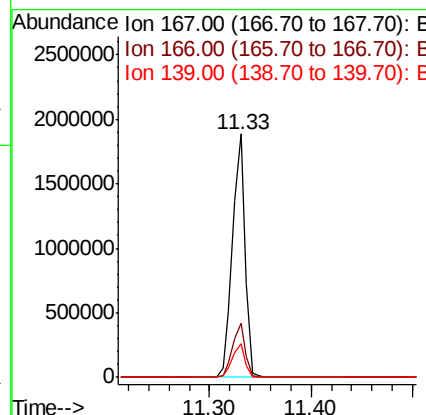
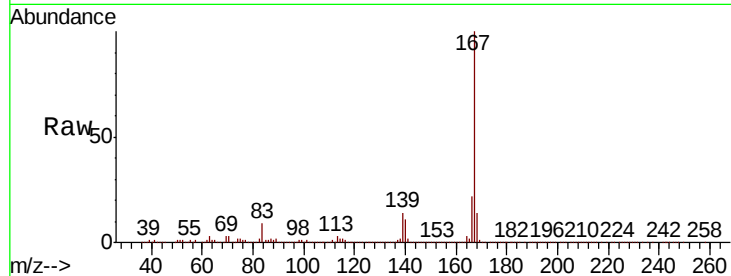
#73
 Carbazole
 Concen: 37.508 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.9	11.1	16.7

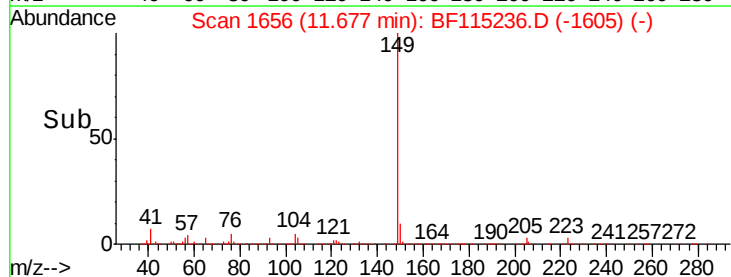
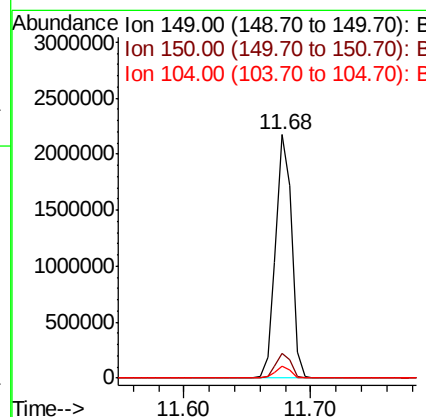
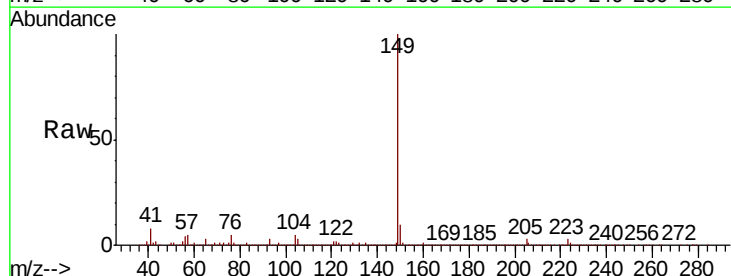
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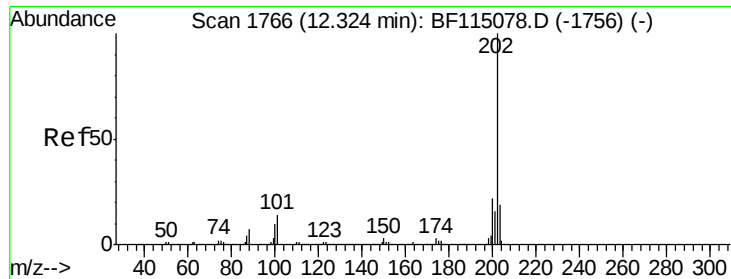
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.489 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115236.D
 Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.8
104	4.9	3.7	5.5





#75

Fluoranthene

Concen: 46.397 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

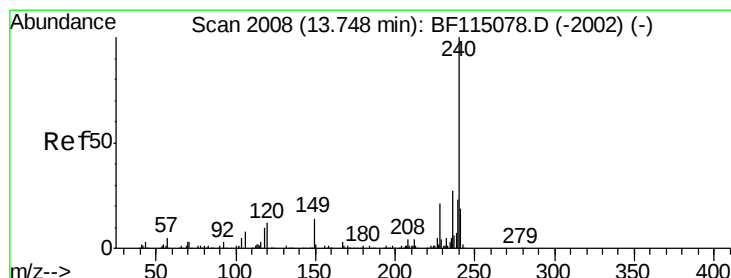
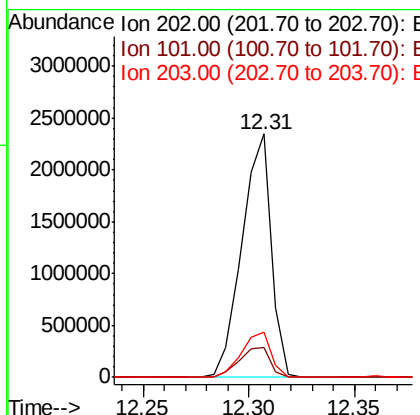
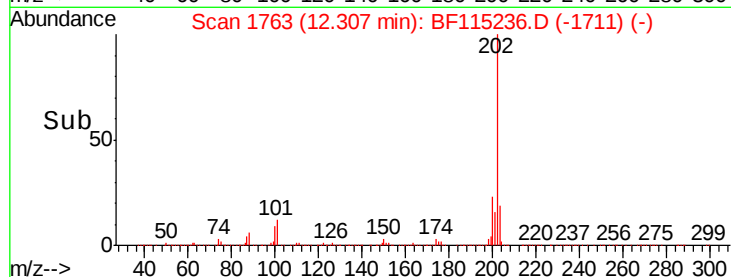
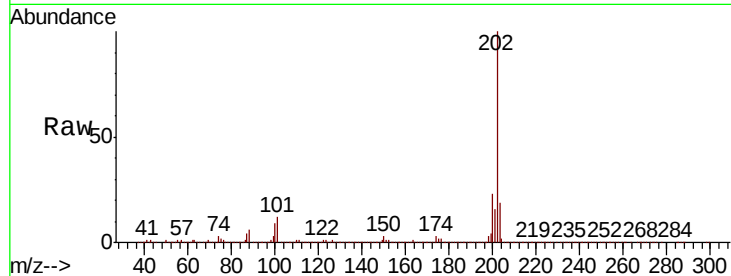
ClientSampleId :

SA-06-062619-BMSD

Tot Ion:	202	Resp:	2246610
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.0
203	18.8	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

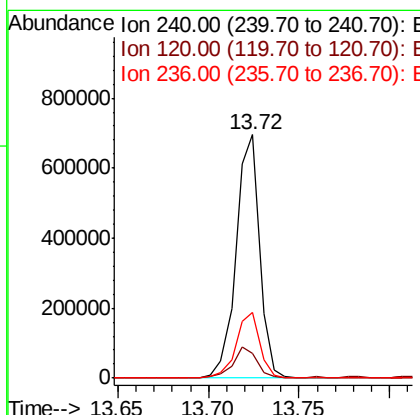
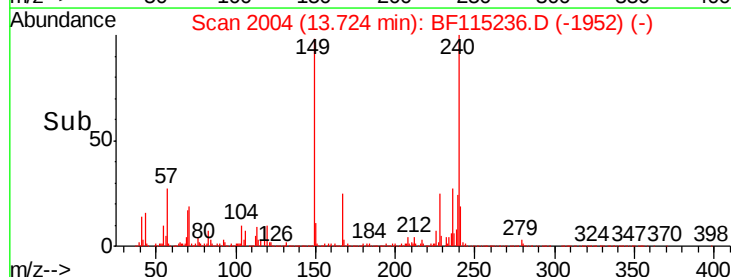
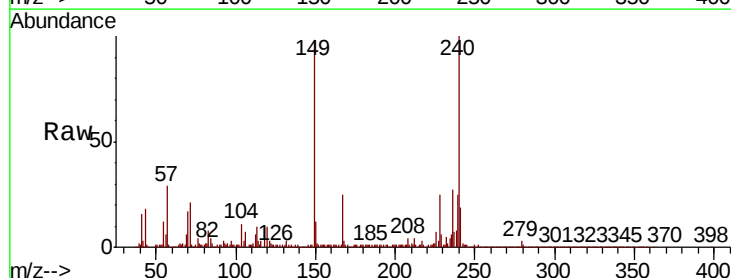
RT: 13.72 min Scan# 2004

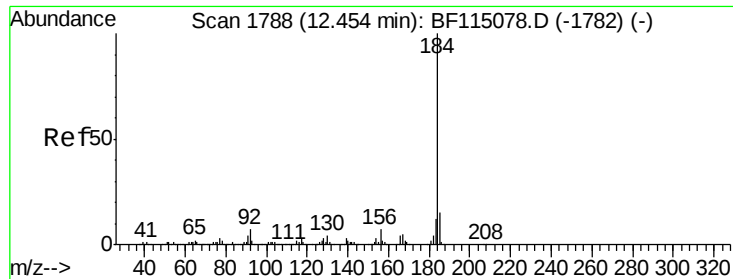
Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion:	240	Resp:	626272
Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.4	14.2
236	26.8	21.7	32.5





#77

Benzidine

Concen: 19.665 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

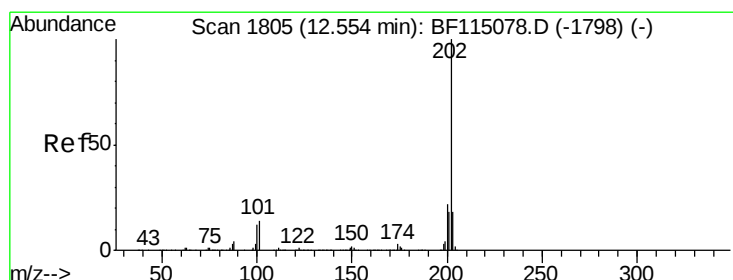
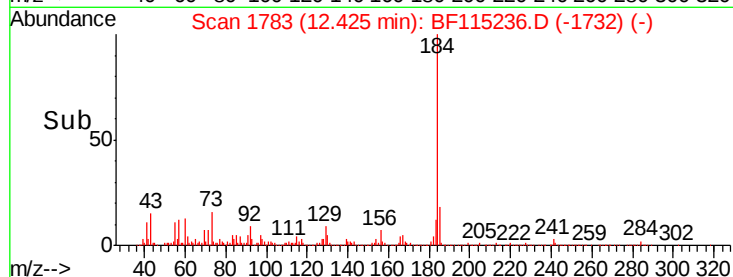
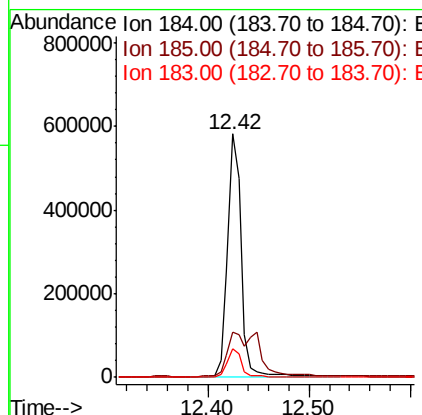
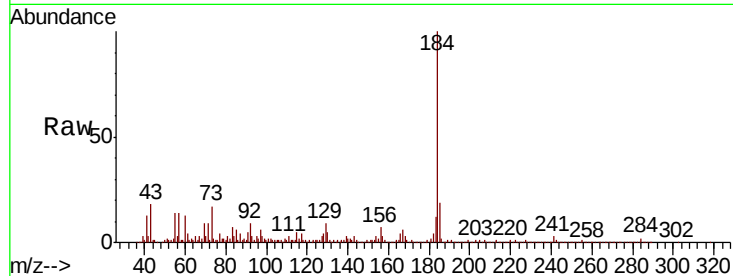
ClientSampleId :

SA-06-062619-BMSD

Tot Ion:	184	Resp:	546870
Ion Ratio	Lower	Upper	
184	100		
185	18.6	12.2	18.2#
183	11.9	9.6	14.4

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#78

Pyrene

Concen: 46.981 ng

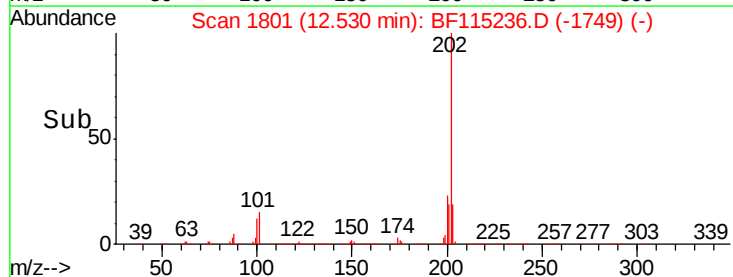
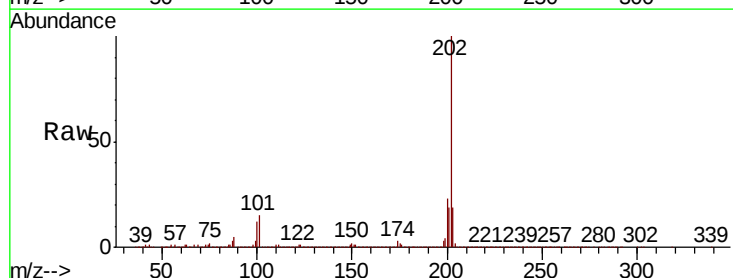
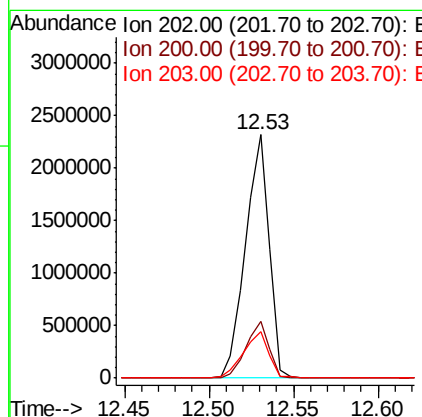
RT: 12.53 min Scan# 1801

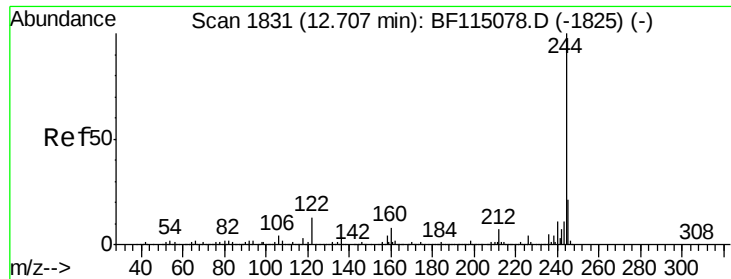
Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion:	202	Resp:	2261154
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.9	26.9
203	18.9	14.6	21.8





#79

Terphenyl-d14

Concen: 86.254 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

Tot Ion:244 Resp: 2540671

Ion Ratio Lower Upper

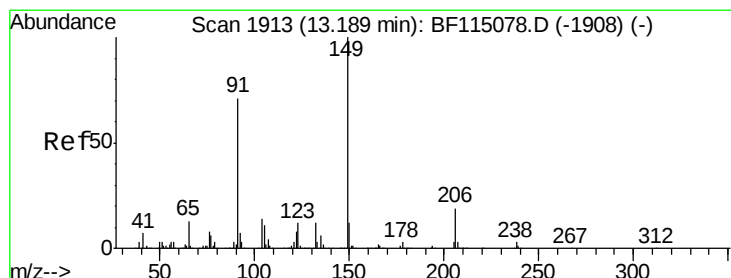
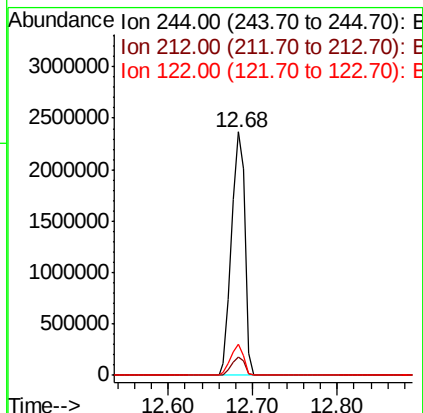
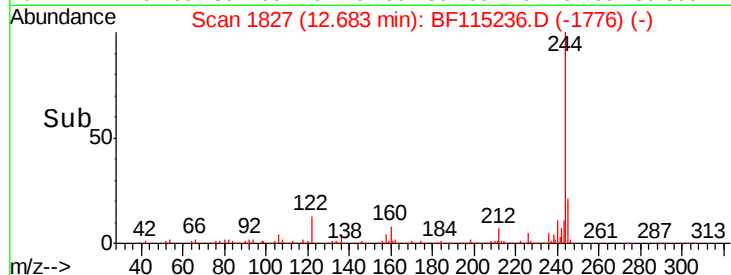
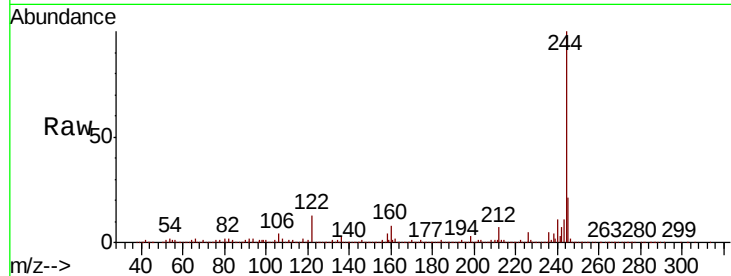
244 100

212 7.5 5.8 8.6

122 12.7 10.4 15.6

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#80

Butylbenzylphthalate

Concen: 40.819 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

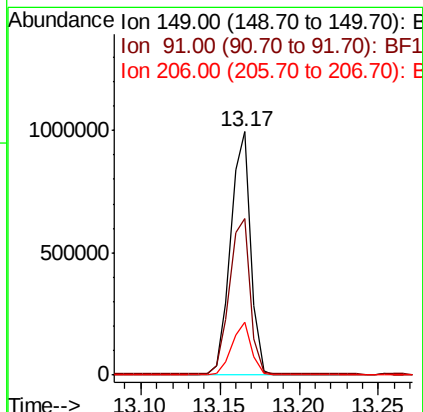
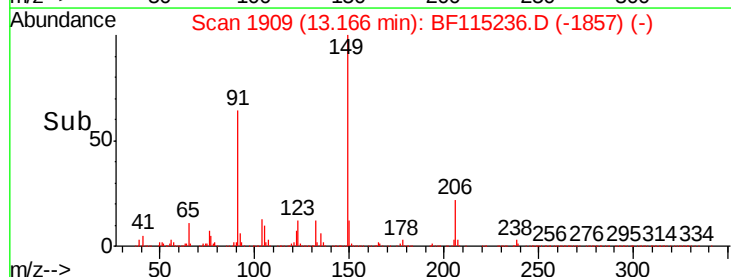
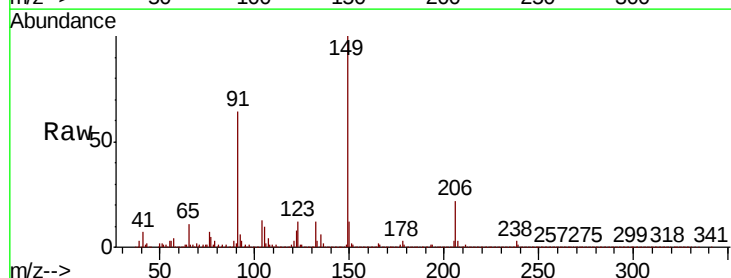
Tgt Ion:149 Resp: 866988

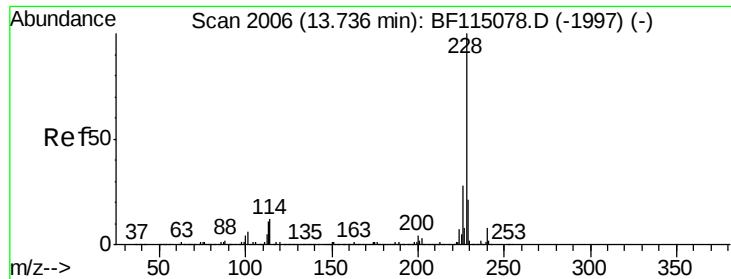
Ion Ratio Lower Upper

149 100

91 64.1 56.5 84.7

206 21.8 15.3 22.9





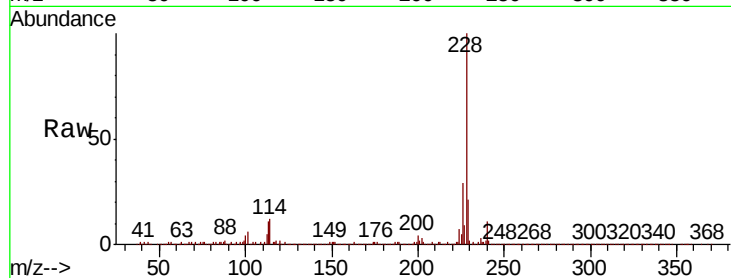
#81
Benzo(a)anthracene
Concen: 43.850 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

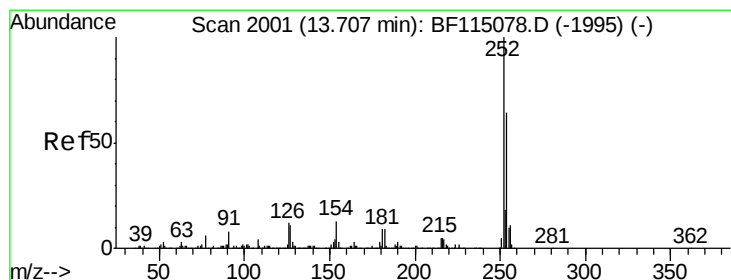
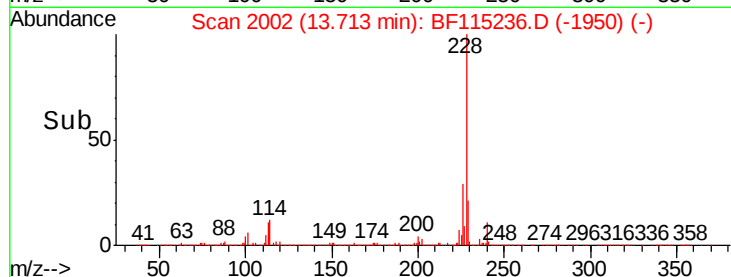
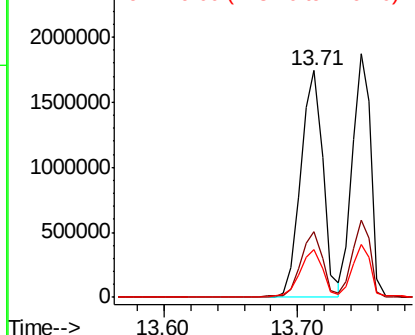
Tot Ion:228 Resp: 1970512
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 21.2 16.6 24.8

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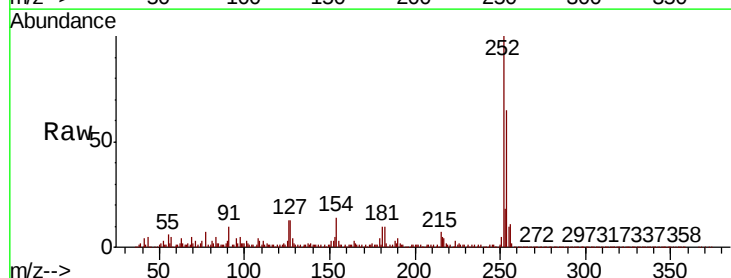


Abundance Ion 228.00 (227.70 to 228.70): E
2500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

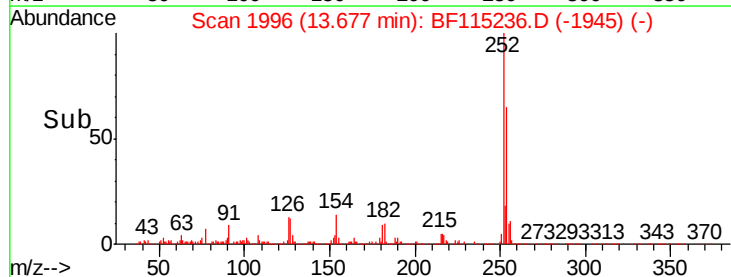
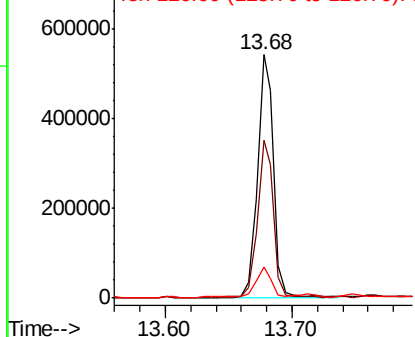


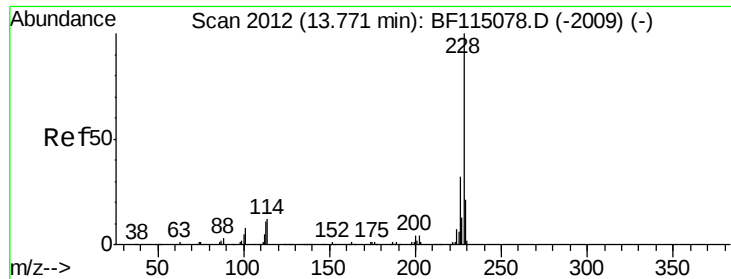
#82
3,3'-Dichlorobenzidine
Concen: 29.775 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion:252 Resp: 483180
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 12.9 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 43.892 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

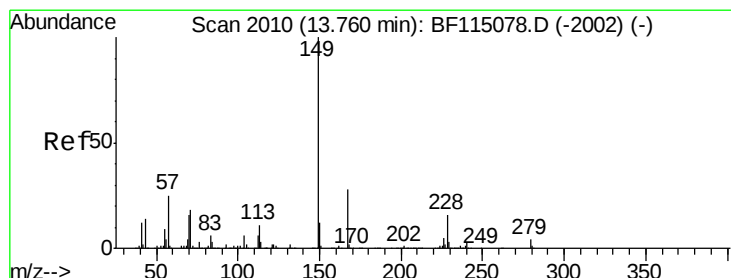
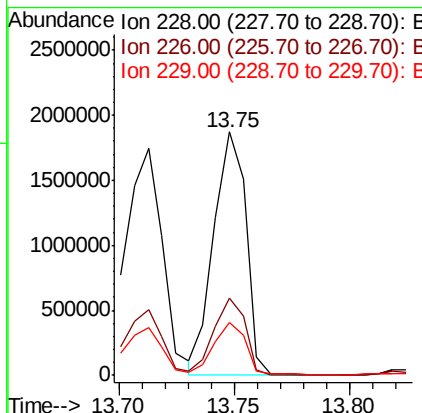
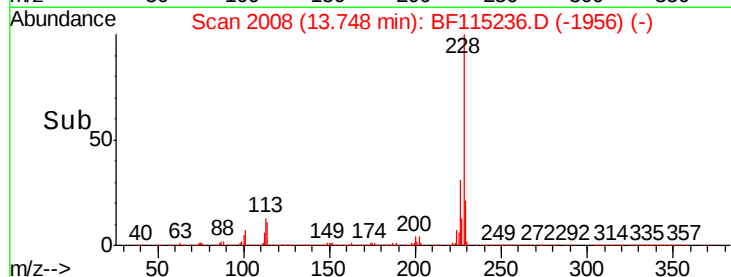
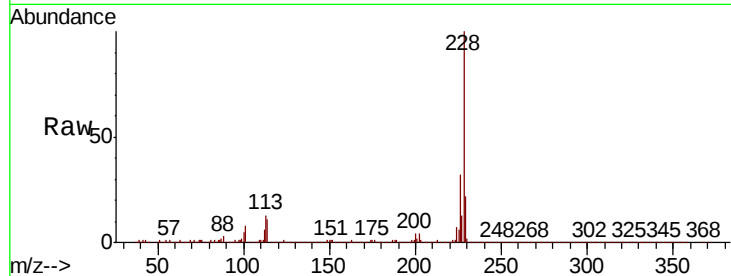
ClientSampleId :

SA-06-062619-BMSD

Tot Ion:	228	Resp:	1806721
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	21.5	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.261 ng

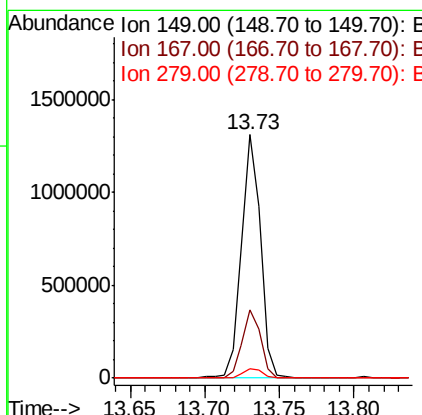
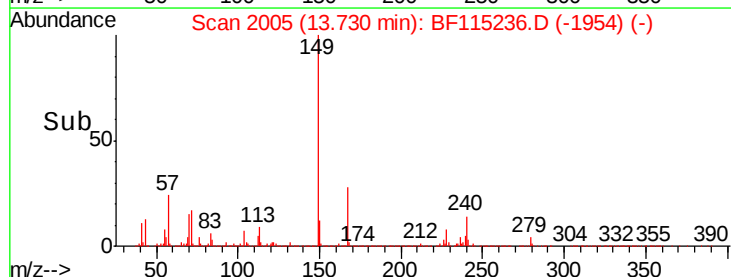
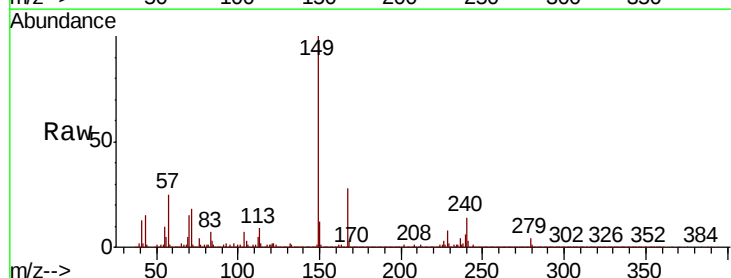
RT: 13.73 min Scan# 2005

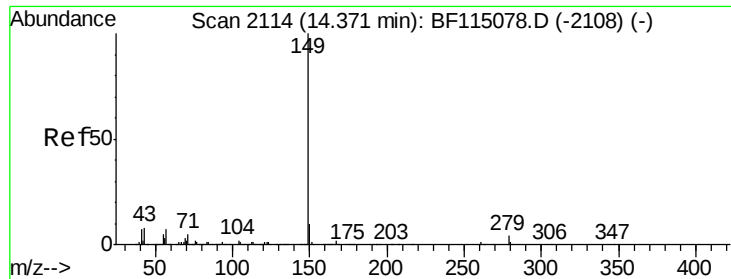
Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Tgt Ion:	149	Resp:	1148330
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	3.9	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 41.730 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-BMSD

Tot Ion:149 Resp: 1951325

Ion Ratio Lower Upper

149 100

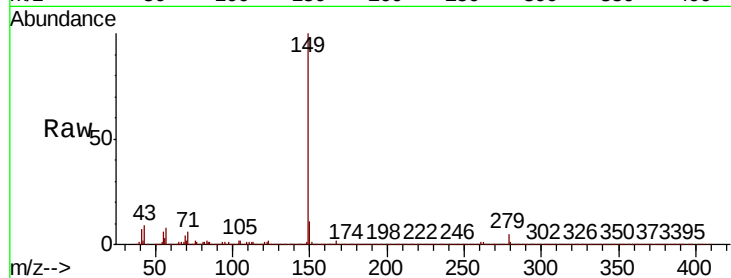
167 1.6 1.2 1.8

43 8.9 7.0 10.6

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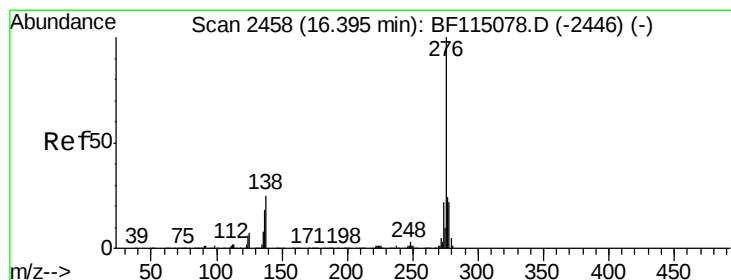
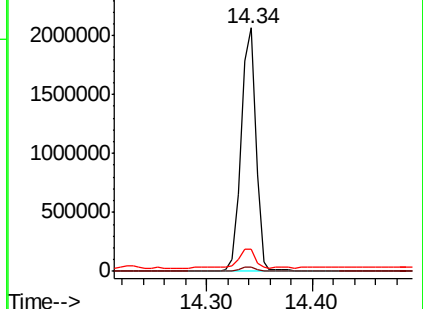
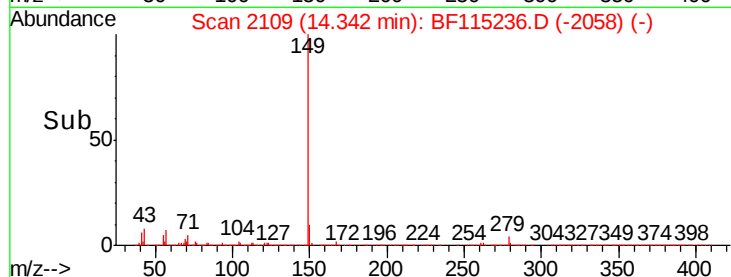
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 26.558 ng

RT: 16.35 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BF115236.D

Acq: 27 Jun 2019 15:14

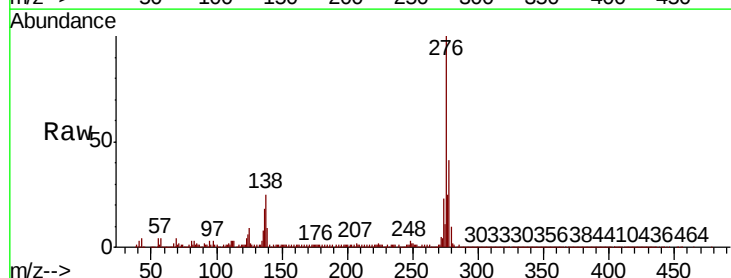
Tgt Ion:276 Resp: 1293592

Ion Ratio Lower Upper

276 100

138 27.4 23.2 34.8

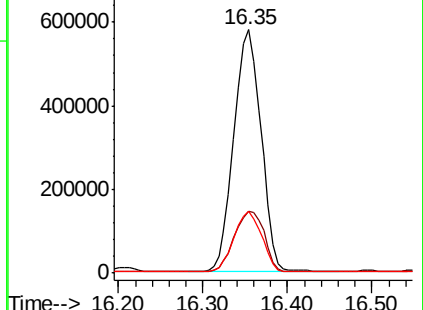
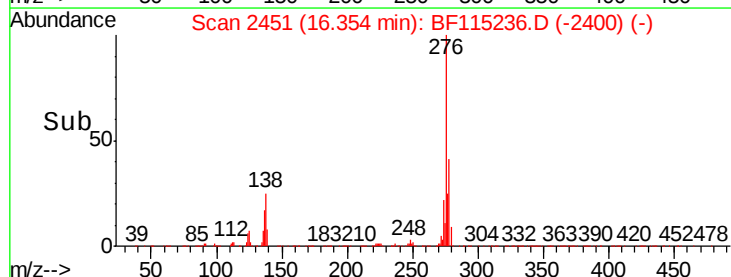
277 25.3 20.1 30.1

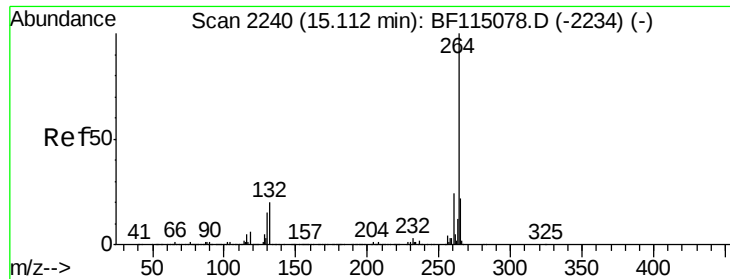


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





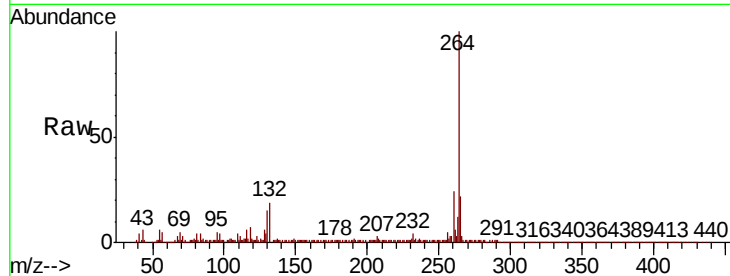
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.3	17.3	25.9

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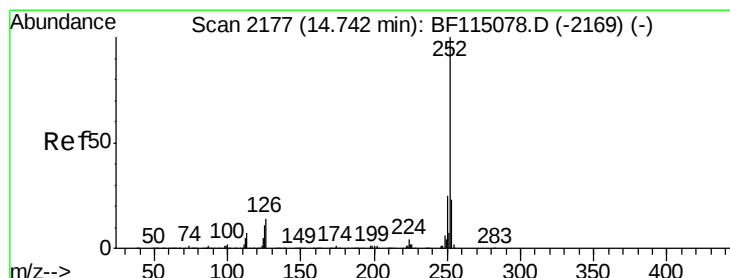
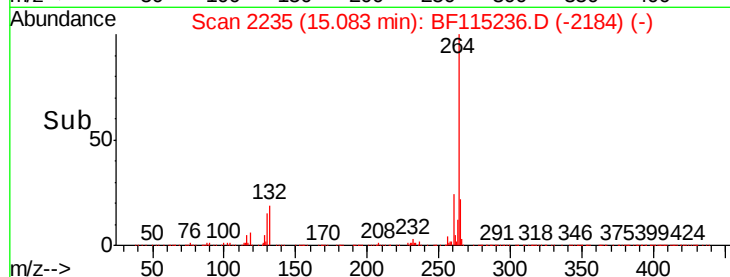
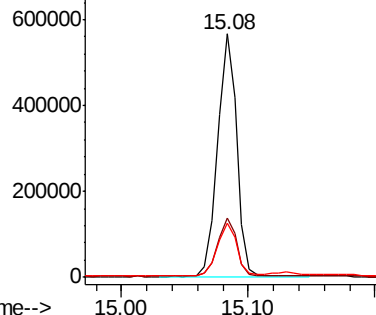


Abundance

Ion 264.00 (263.70 to 264.70): E

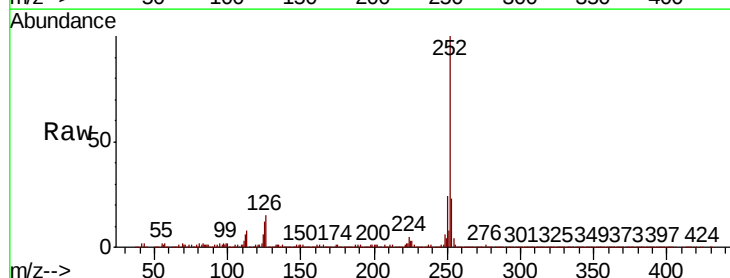
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 51.795 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.3	8.7	13.1

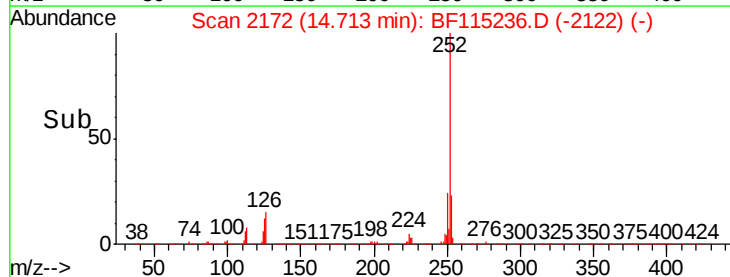
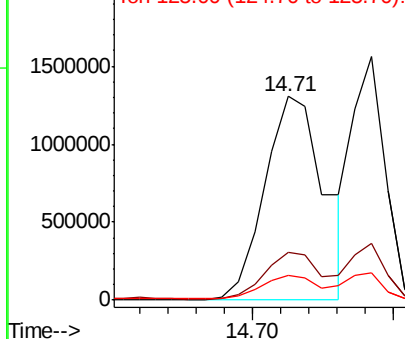


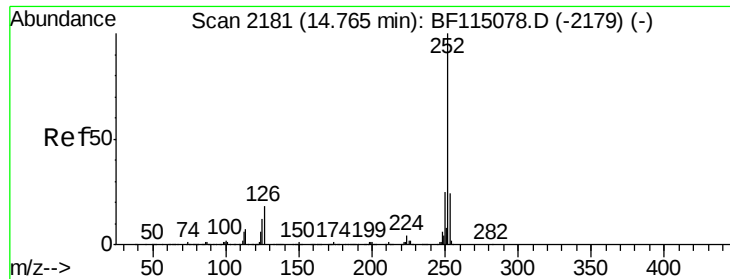
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





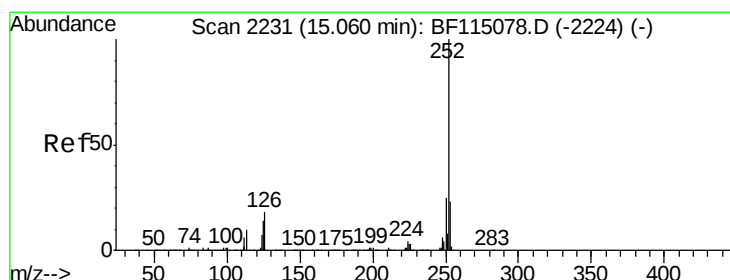
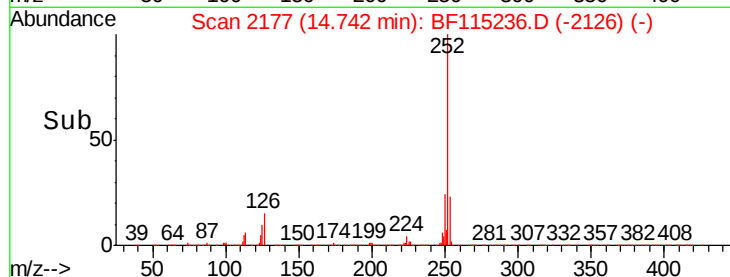
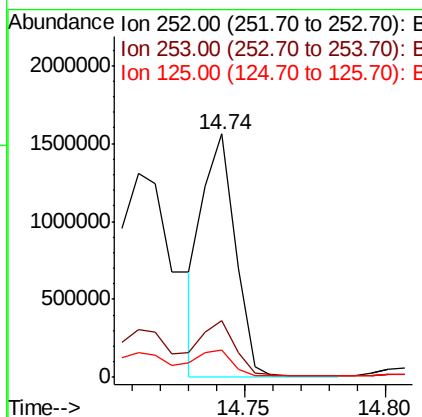
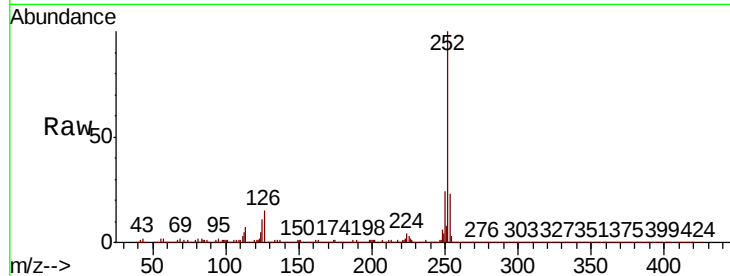
#89
Benzo(k)fluoranthene
Concen: 38.174 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	11.1	10.2	15.2

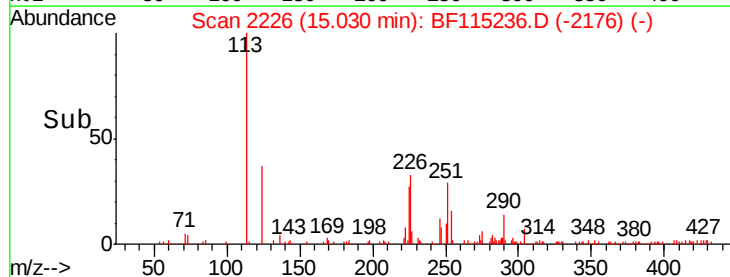
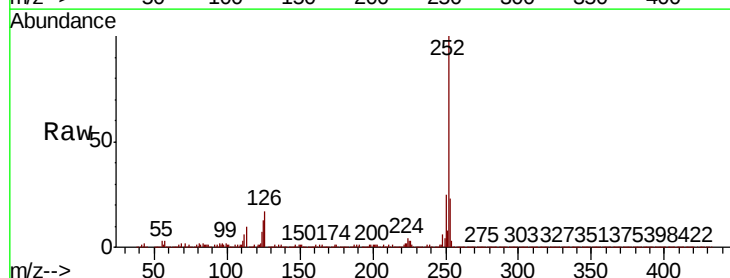
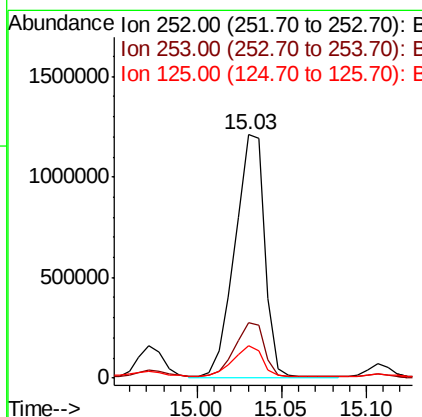
Manual Integrations
APPROVED

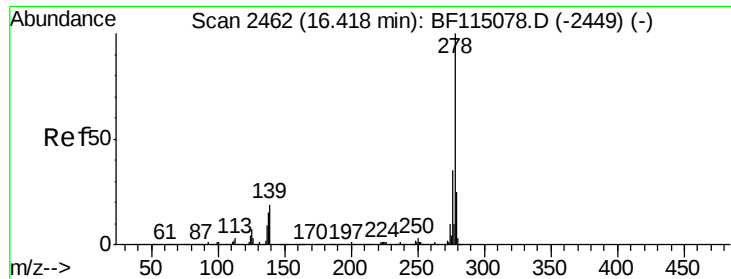
mohammad
6/28/2019 2:58:28 PM



#90
Benzo(a)pyrene
Concen: 44.634 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	13.3	10.9	16.3





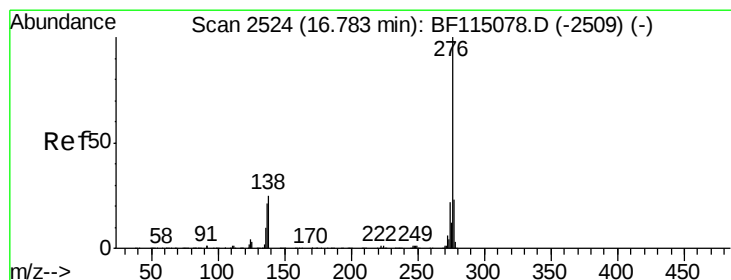
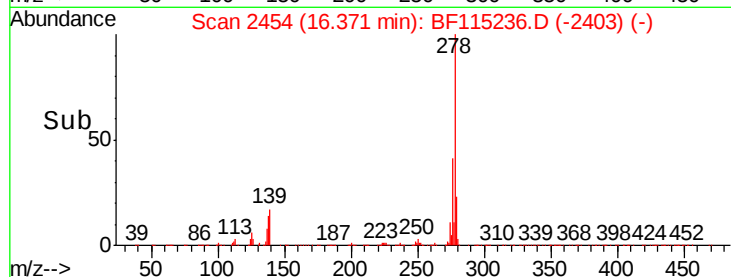
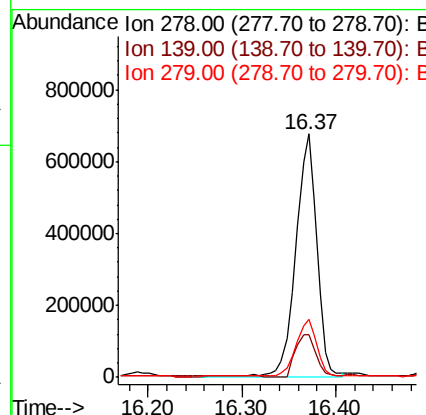
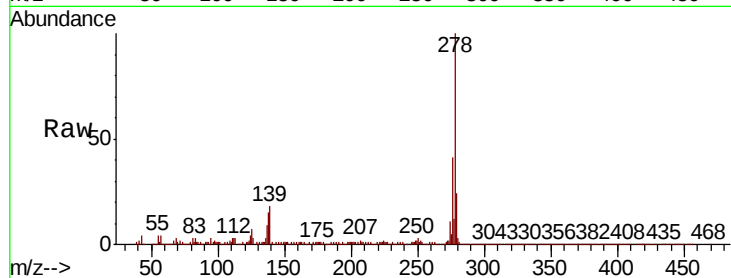
#91
Dibenzo(a,h)anthracene
Concen: 33.649 ng
RT: 16.37 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-BMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.4	23.2
279	23.9	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/28/2019 2:58:28 PM



#92
Benzo(g,h,i)perylene
Concen: 34.199 ng
RT: 16.73 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF115236.D
Acq: 27 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	24.6	19.8	29.6

