

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115179.D
 Acq On : 25 Jun 2019 10:17
 Operator : HP/JU
 Sample : PB120877BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:07 PM

Quant Time: Jun 26 06:32:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273607	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1098680	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	553589	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1083224	20.00	ng	0.00
76) Chrysene-d12	13.74	240	735544	20.00	ng	-0.01
87) Perylene-d12	15.10	264	794813	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2013241	113.55	ng	0.02
7) Phenol-d6	6.26	99	2467491	114.66	ng	0.00
23) Nitrobenzene-d5	7.18	82	1533760	85.88	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	723432	123.92	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2866299	87.95	ng	0.00
79) Terphenyl-d14	12.70	244	3015000	87.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	314351	37.567	ng	98
3) Pyridine	2.94	79	851061	36.086	ng	98
4) n-Nitrosodimethylamine	2.88	42	348798	37.725	ng	97
6) Aniline	6.27	93	717584	24.262	ng	# 1
8) 2-Chlorophenol	6.40	128	846614	42.465	ng	99
9) Benzaldehyde	6.15	77	118678	8.453	ng	98
10) Phenol	6.27	94	964158	38.248	ng	92
11) bis(2-Chloroethyl)ether	6.36	93	755093	40.636	ng	99
12) 1,3-Dichlorobenzene	6.55	146	890258	40.236	ng	99
13) 1,4-Dichlorobenzene	6.63	146	896823	40.420	ng	99
14) 1,2-Dichlorobenzene	6.78	146	833429	40.562	ng	98
15) Benzyl Alcohol	6.76	79	588414	37.550	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1085964	40.294	ng	96
17) 2-Methylphenol	6.88	107	754911	45.874	ng	99
18) Hexachloroethane	7.13	117	326349	40.799	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	540040	39.197	ng	99
20) 3+4-Methylphenols	7.03	107	829610	43.660	ng	96
22) Acetophenone	7.02	105	1112057	44.213	ng	# 97
24) Nitrobenzene	7.20	77	858993	43.656	ng	99
25) Isophorone	7.44	82	1576360	43.085	ng	99
26) 2-Nitrophenol	7.51	139	477608	49.152	ng	99
27) 2,4-Dimethylphenol	7.56	122	802474	50.440	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	990464	42.831	ng	99
29) 2,4-Dichlorophenol	7.76	162	759857	46.280	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	795782	43.880	ng	100
31) Naphthalene	7.92	128	2359725	43.754	ng	100
32) Benzoic acid	7.70	122	650637	57.292	ng	98
33) 4-Chloroaniline	7.97	127	574451	23.306	ng	99
34) Hexachlorobutadiene	8.04	225	425410	42.805	ng	98
35) Caprolactam	8.34	113	252570m	45.755	ng	
36) 4-Chloro-3-methylphenol	8.46	107	765949	46.065	ng	96
37) 2-Methylnaphthalene	8.61	142	1654228	45.492	ng	99
38) 1-Methylnaphthalene	8.71	142	1566764	45.113	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	693887	44.356	ng	100

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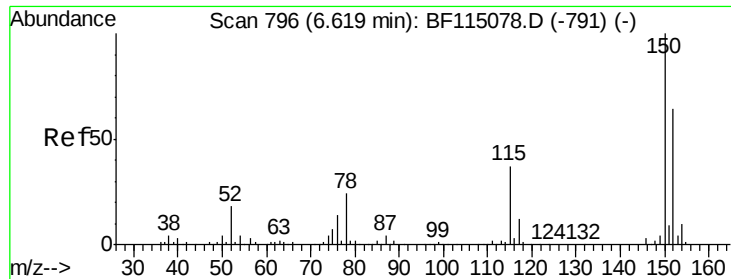
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Quant Time: Jun 26 06:32:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	722428	77.881	nq	100
43) 2,4,6-Trichlorophenol	8.88	196	545534	45.170	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	591557	47.563	nq	99
46) 1,1'-Biphenyl	9.07	154	1910346	43.128	nq	99
47) 2-Chloronaphthalene	9.10	162	1540323	42.870	nq	99
48) 2-Nitroaniline	9.18	65	466073	44.493	nq	99
49) Acenaphthylene	9.51	152	2371589	42.365	nq	99
50) Dimethylphthalate	9.38	163	1793229	44.029	nq	100
51) 2,6-Dinitrotoluene	9.43	165	430895	45.825	nq	99
52) Acenaphthene	9.68	154	1463339	41.774	nq	98
53) 3-Nitroaniline	9.60	138	312874	27.266	nq	98
54) 2,4-Dinitrophenol	9.71	184	486335	98.631	nq	94
55) Dibenzofuran	9.85	168	2100250	41.774	nq	98
56) 4-Nitrophenol	9.77	139	799592	86.919	nq	97
57) 2,4-Dinitrotoluene	9.84	165	577496	47.565	nq	97
58) Fluorene	10.19	166	1451551	43.083	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	512737	49.165	nq	96
60) Diethylphthalate	10.08	149	1749696	42.737	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	705810	44.258	nq	97
62) 4-Nitroaniline	10.21	138	484438	42.083	nq	97
63) Azobenzene	10.34	77	1618563	42.326	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	285562	49.386	nq	83
66) n-Nitrosodiphenylamine	10.31	169	1482743	43.936	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	507976	43.253	nq	94
68) Hexachlorobenzene	10.74	284	560409	43.961	nq	98
69) Atrazine	10.84	200	475004	43.755	nq	100
70) Pentachlorophenol	10.92	266	698321	85.987	nq	97
71) Phenanthrene	11.14	178	2345101	40.209	nq	99
72) Anthracene	11.20	178	2456884	41.732	nq	99
73) Carbazole	11.35	167	2235029	42.515	nq	99
74) Di-n-butylphthalate	11.70	149	2556877	42.089	nq	99
75) Fluoranthene	12.32	202	2489073	42.774	nq	99
77) Benzidine	12.44	184	864685	26.474	nq	99
78) Pyrene	12.54	202	2504478	44.306	nq	98
80) Butylbenzylphthalate	13.18	149	1179524	47.283	nq	98
81) Benzo(a)anthracene	13.72	228	2285204	43.299	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	742157	38.940	nq	98
83) Chrysene	13.77	228	2184102	45.177	nq	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1509134	46.169	nq	# 97
85) Di-n-octyl phthalate	14.35	149	2589522	47.151	nq	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2631896	46.006	nq	99
88) Benzo(b)fluoranthene	14.73	252	2594248	52.310	nq	99
89) Benzo(k)fluoranthene	14.75	252	2066328	46.460	nq	100
90) Benzo(a)pyrene	15.05	252	2318439	51.867	nq	99
91) Dibenzo(a,h)anthracene	16.40	278	2141798	51.325	nq	98
92) Benzo(g,h,i)perylene	16.77	276	2196615	52.008	nq	98

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



#1

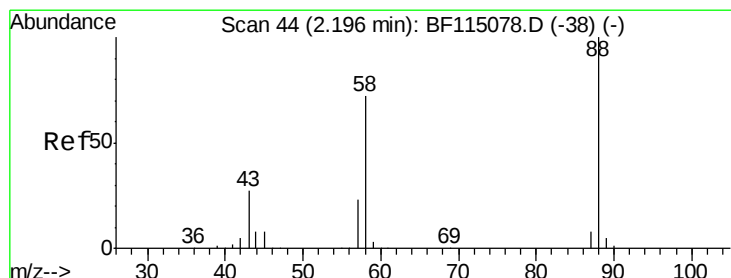
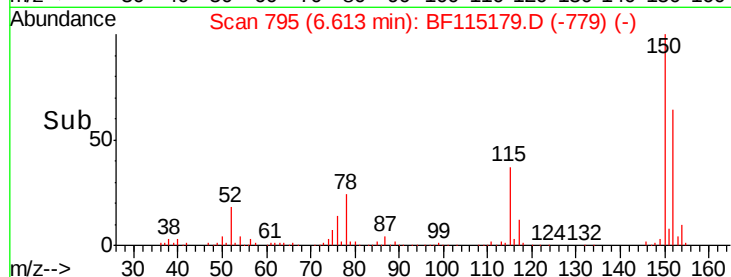
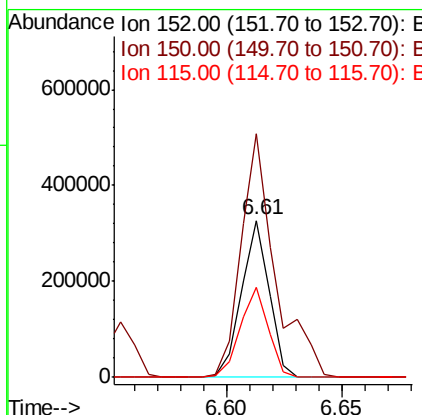
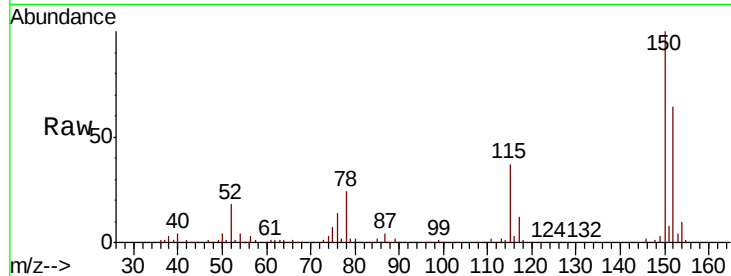
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.2	186.2
115	57.4	46.1	69.1

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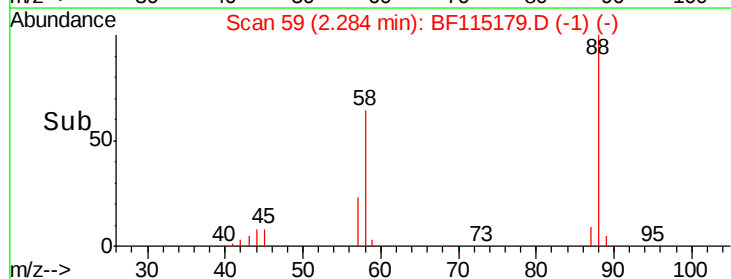
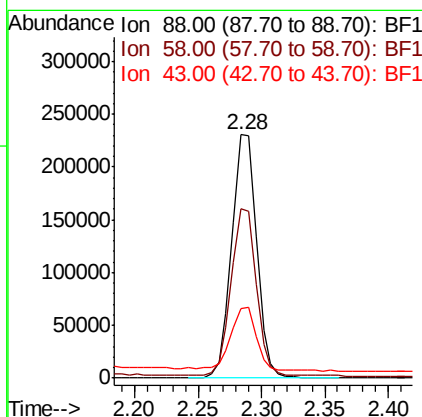
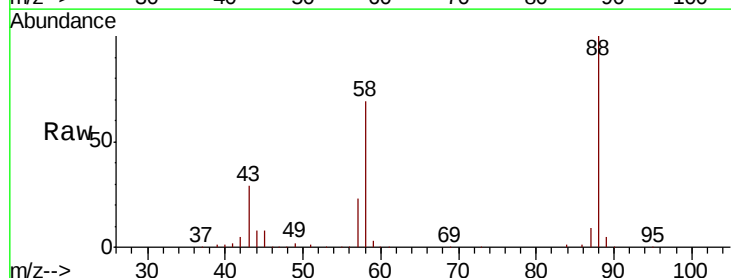
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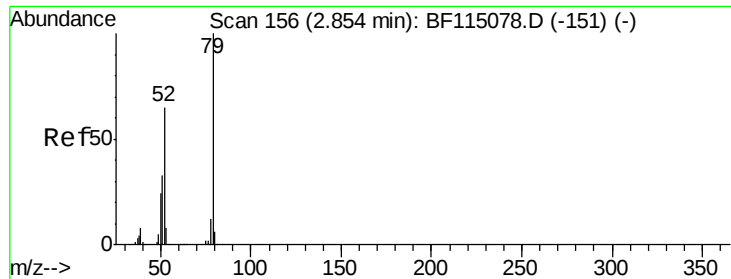


#2

1,4-Dioxane
Concen: 37.567 ng
RT: 2.28 min Scan# 59
Delta R.T. 0.09 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	56.1	84.1
43	28.6	21.3	31.9





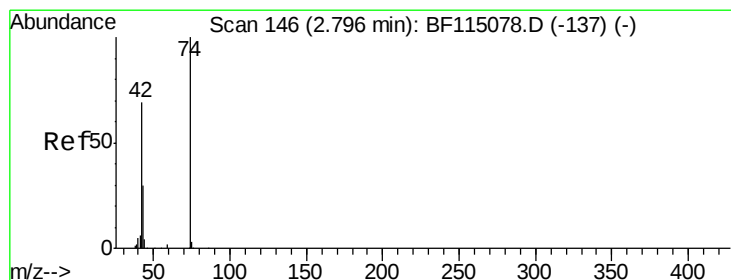
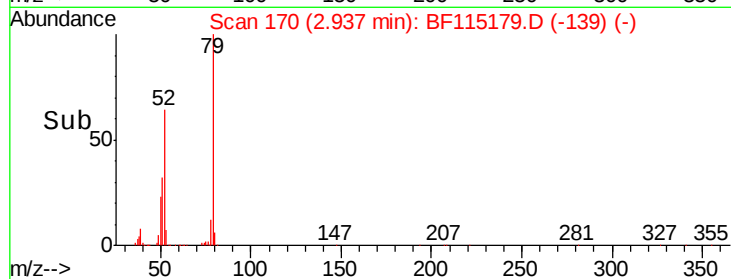
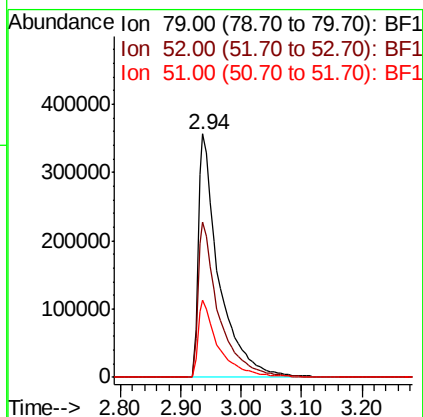
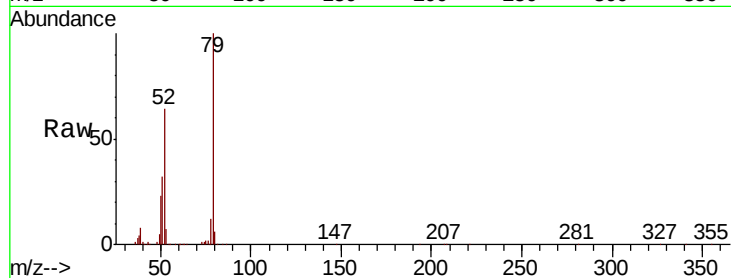
#3
Pvridine
Concen: 36.086 ng
RT: 2.94 min Scan# 170
Delta R.T. 0.08 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.6	52.3	78.5
51	31.9	26.1	39.1

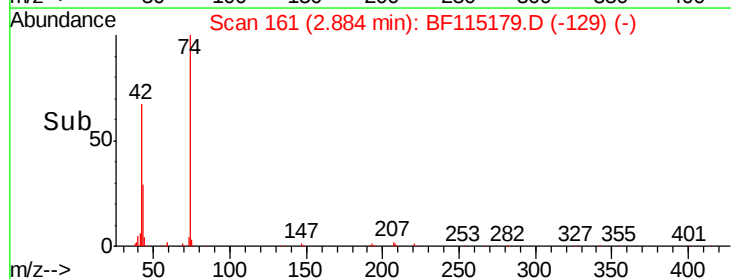
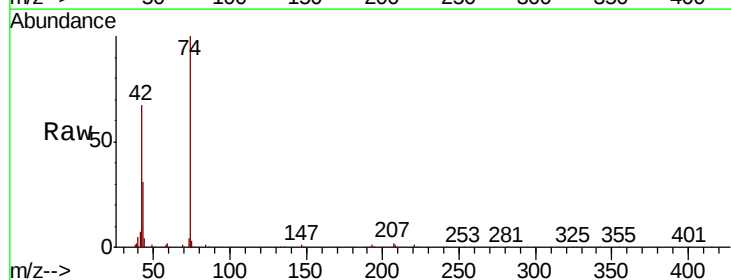
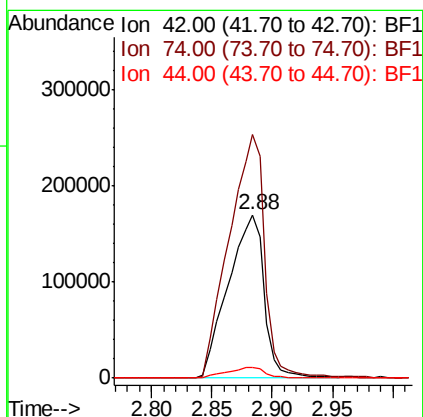
Manual Integrations
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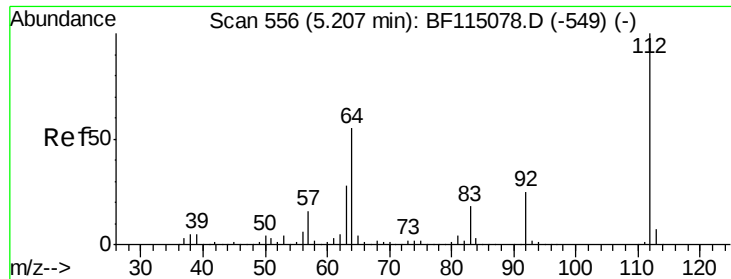
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#4
n-Nitrosodimethylamine
Concen: 37.725 ng
RT: 2.88 min Scan# 161
Delta R.T. 0.09 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.2	116.6	175.0
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 113.549 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tot Ion:112 Resp: 2013241

Ion Ratio Lower Upper

112 100

64 55.5 43.8 65.6

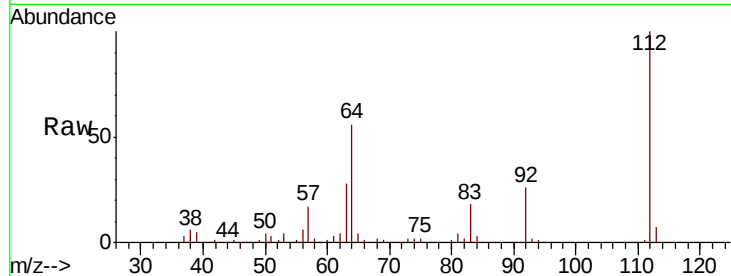
63 28.4 22.2 33.4

Manual Integrations

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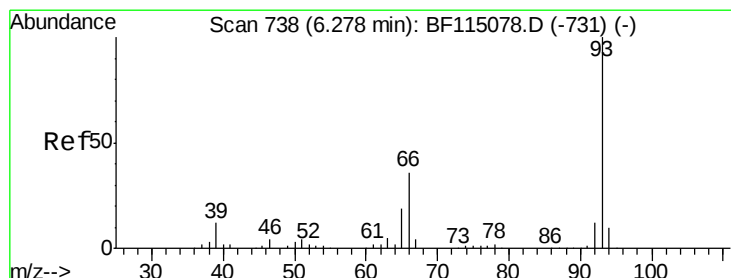
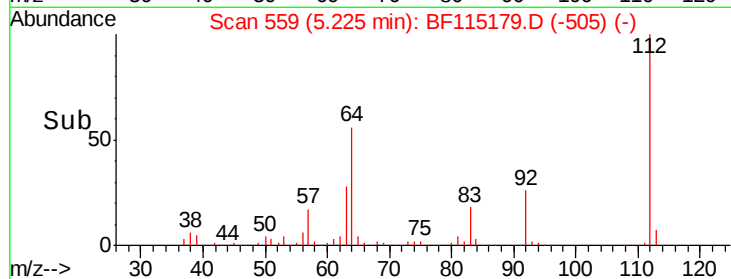
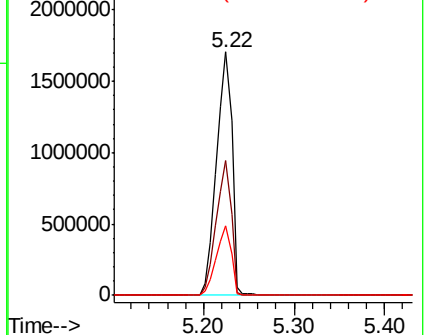
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Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)

Ion 64.00 (63.70 to 64.70): BF115078.D (-549) (-)

Ion 63.00 (62.70 to 63.70): BF115078.D (-549) (-)



#6

Aniline

Concen: 24.262 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

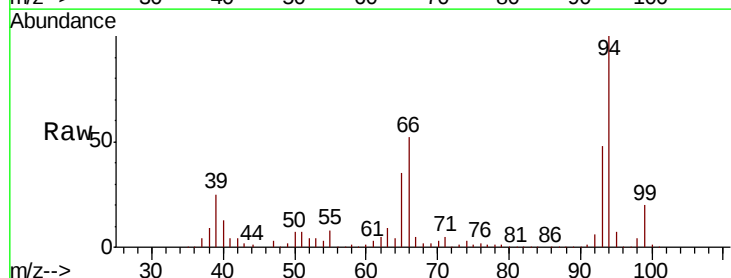
Tgt Ion: 93 Resp: 717584

Ion Ratio Lower Upper

93 100

66 106.9 30.0 45.0#

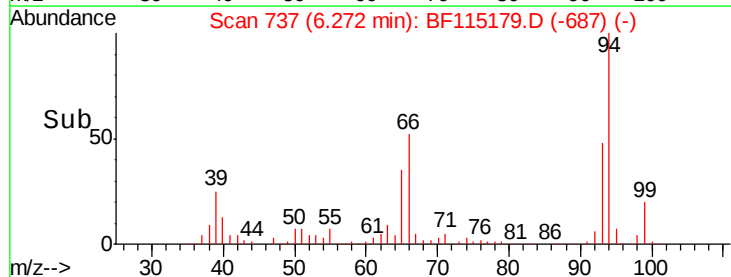
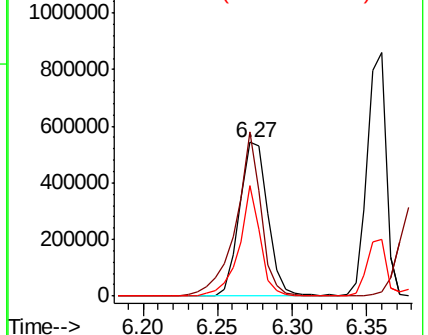
65 71.8 15.6 23.4#

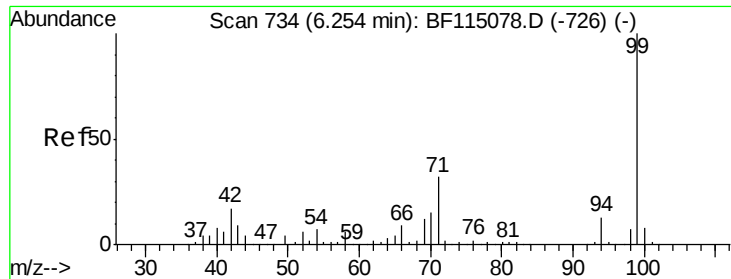


Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)

Ion 66.00 (65.70 to 66.70): BF115078.D (-731) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-731) (-)





#7

Phenol-d6

Concen: 114.660 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tot Ion: 99 Resp: 2467491

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

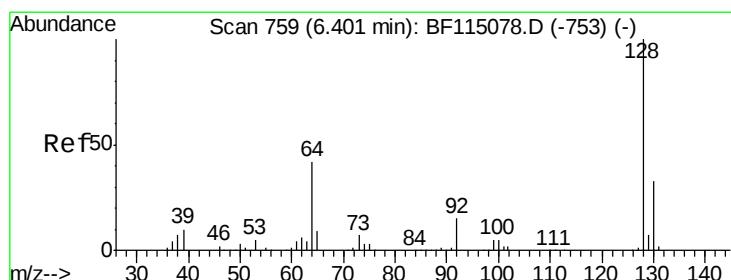
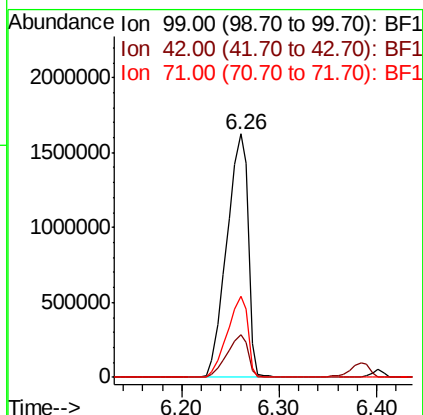
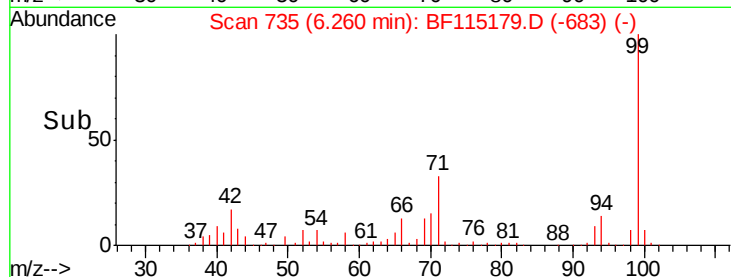
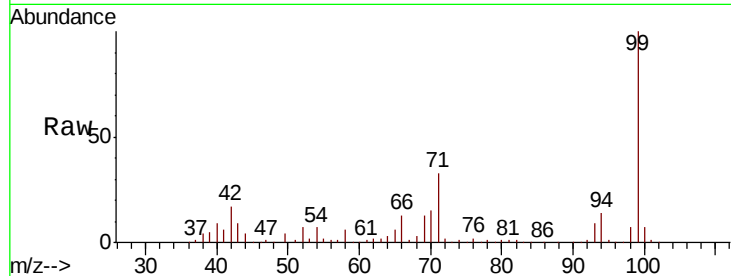
71 33.1 25.5 38.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.465 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

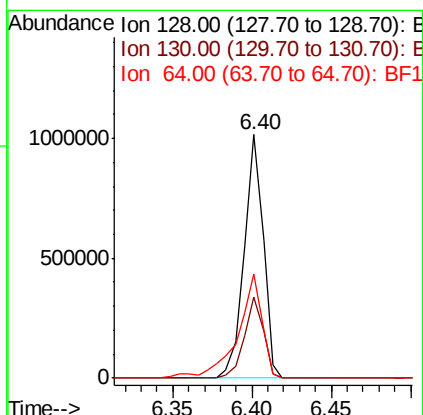
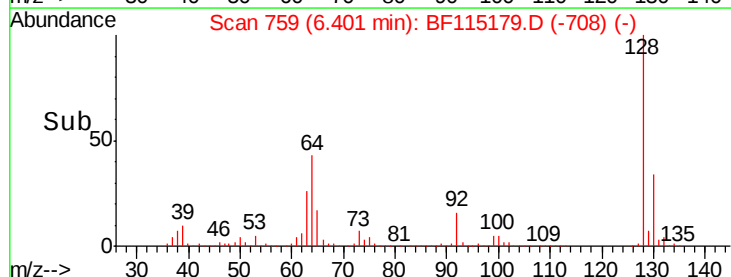
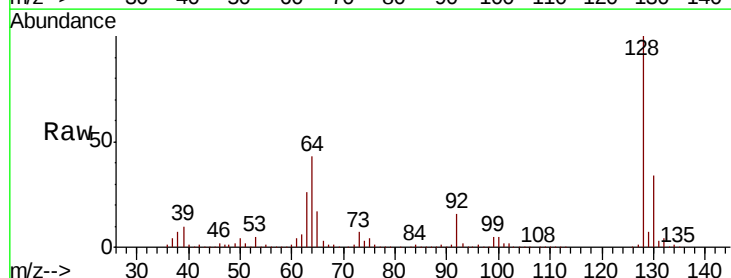
Tgt Ion: 128 Resp: 846614

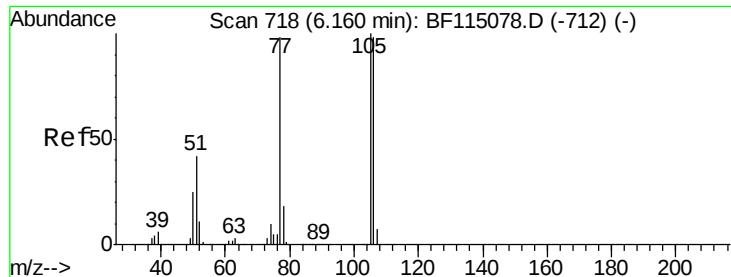
Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

64 42.7 22.9 62.9





#9

Benzaldehyde

Concen: 8.453 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

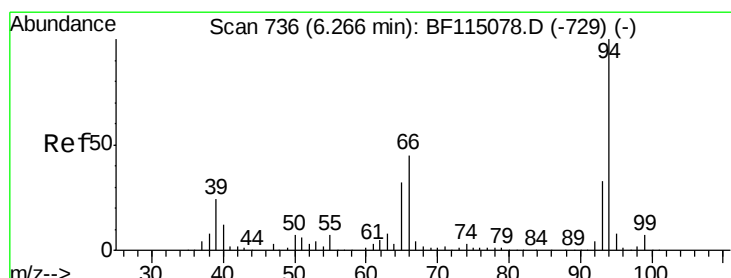
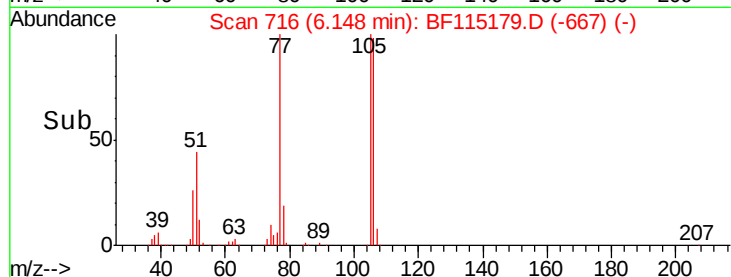
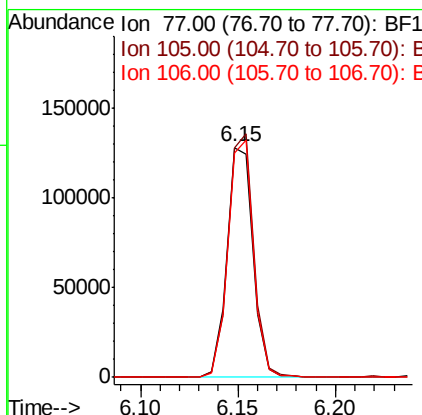
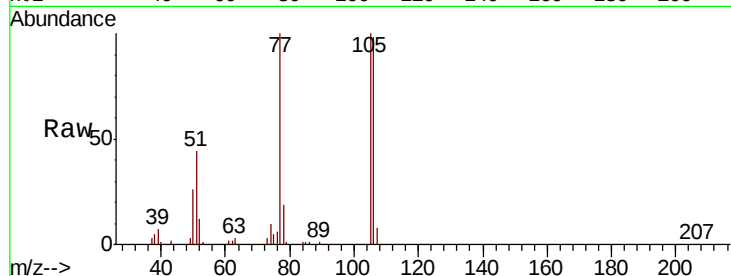
ClientSampleId :

PB120877BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.9	81.5	121.5
106	97.6	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 38.248 ng

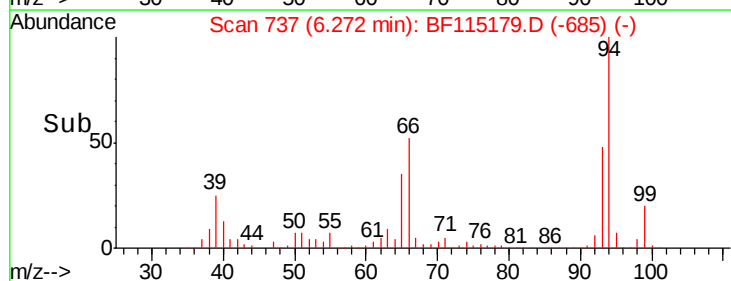
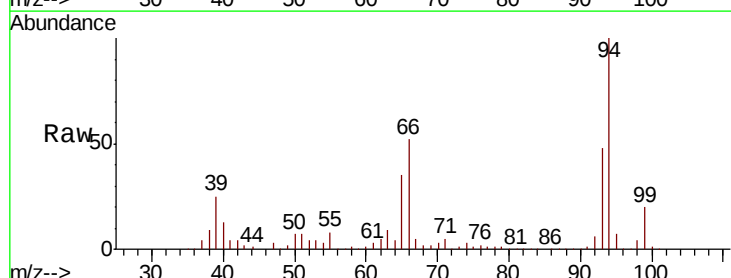
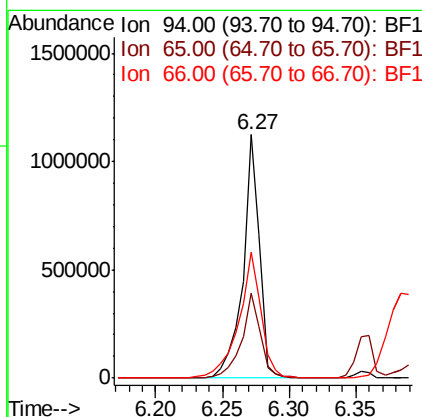
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	11.9	51.9
66	51.5	25.2	65.2





#11

bis(2-Chloroethyl)ether

Concen: 40.636 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

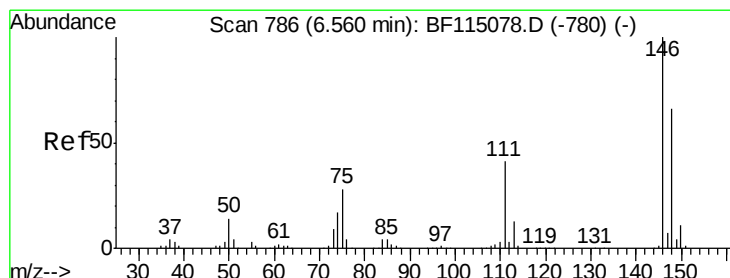
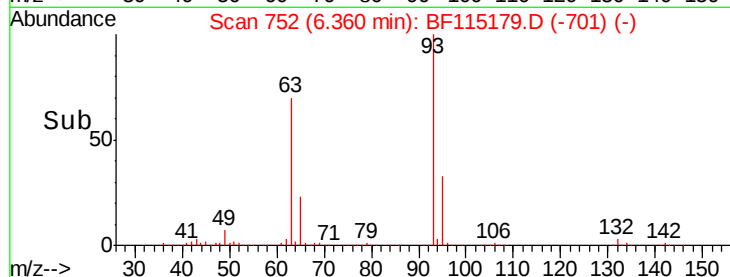
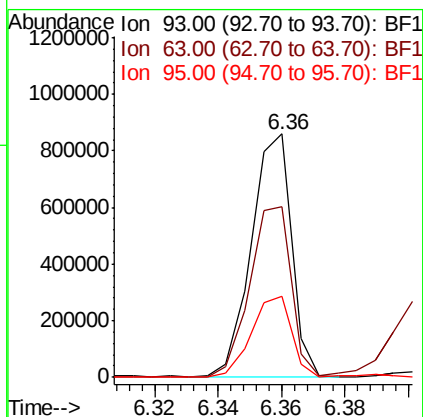
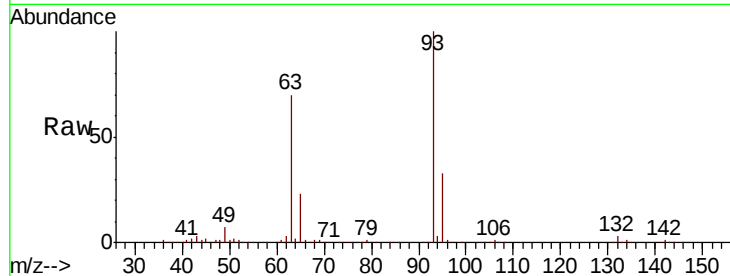
ClientSampleId :

PB120877BSD

Tot Ion:	93	Resp:	755093
Ion Ratio	Lower	Upper	
93	100		
63	69.9	51.5	91.5
95	33.2	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 40.236 ng

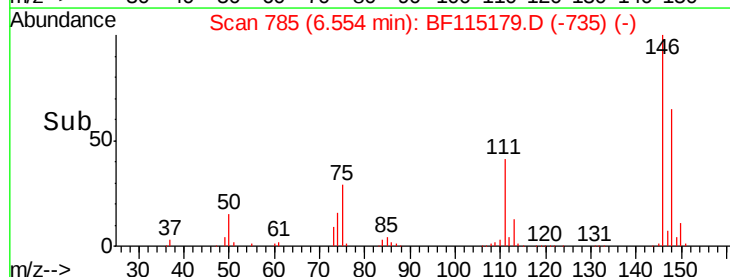
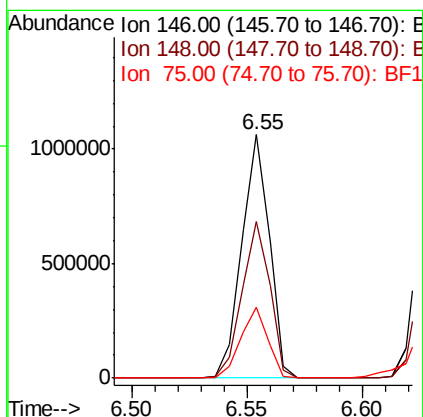
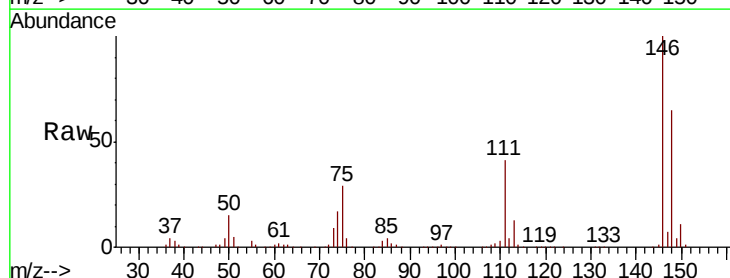
RT: 6.55 min Scan# 785

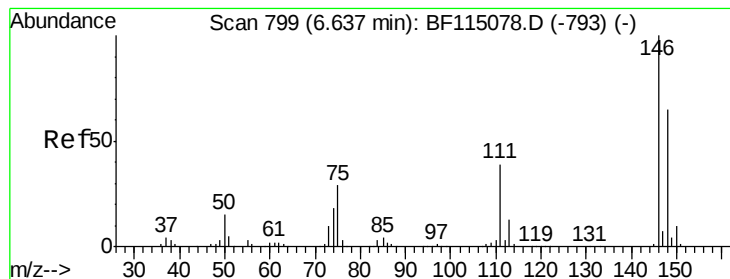
Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:	146	Resp:	890258
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.6	78.8
75	29.1	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 40.420 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

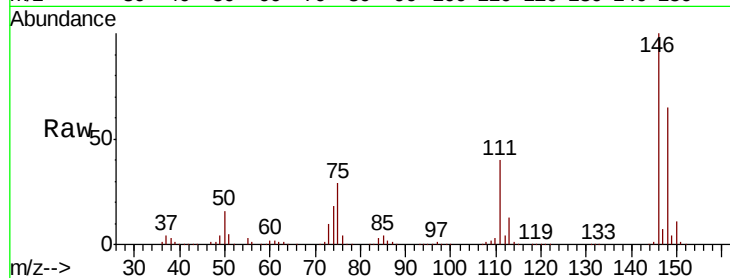
ClientSampled :

PB120877BSD

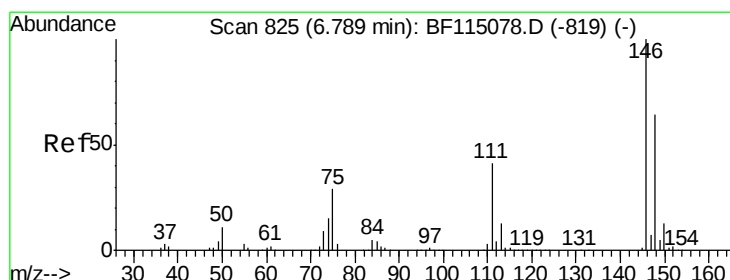
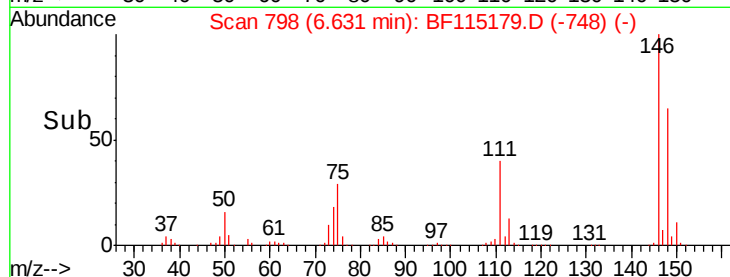
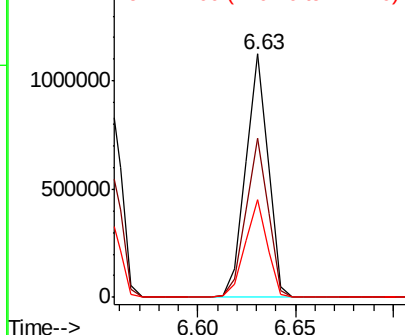
Tot Ion:	146	Resp:	896823
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.9	77.9
111	40.2	31.4	47.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.562 ng

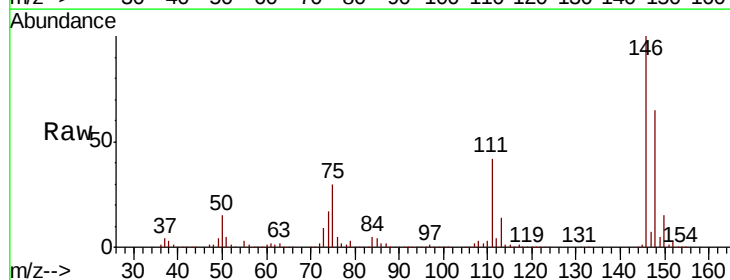
RT: 6.78 min Scan# 824

Delta R.T. -0.01 min

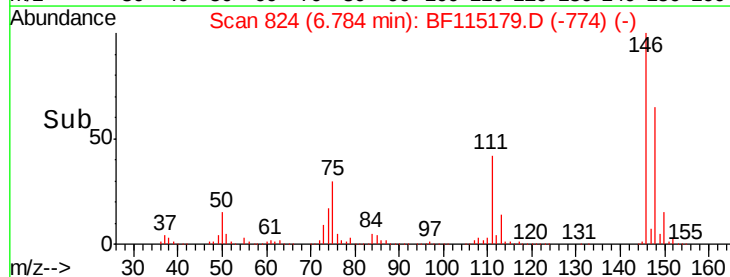
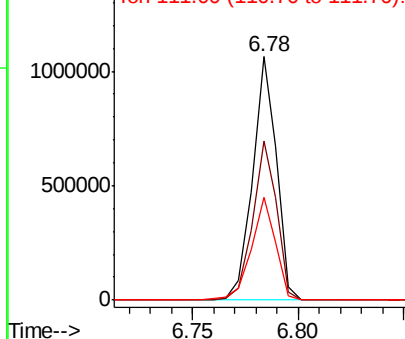
Lab File: BF115179.D

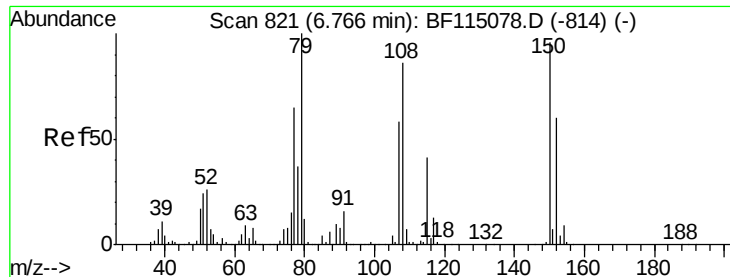
Acq: 25 Jun 2019 10:17

Tgt Ion:	146	Resp:	833429
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.1	76.7
111	42.3	33.2	49.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.550 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

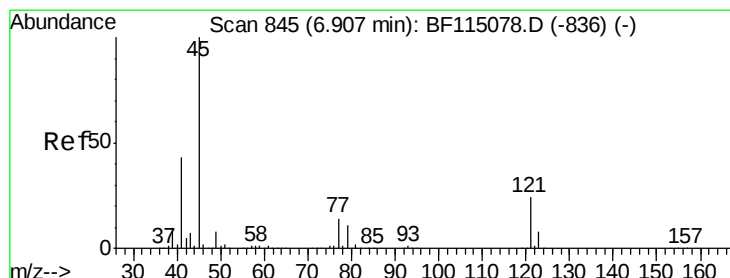
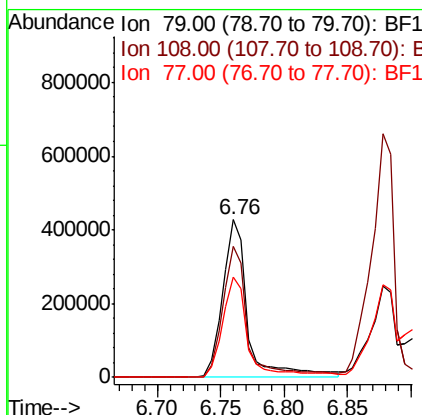
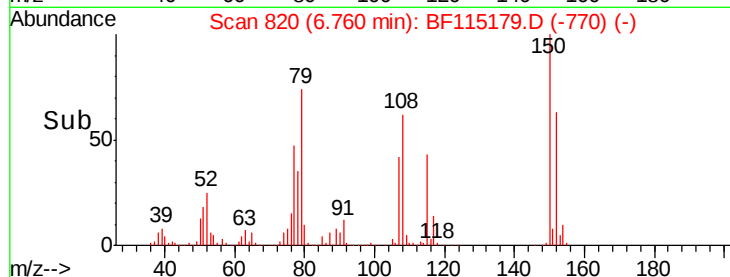
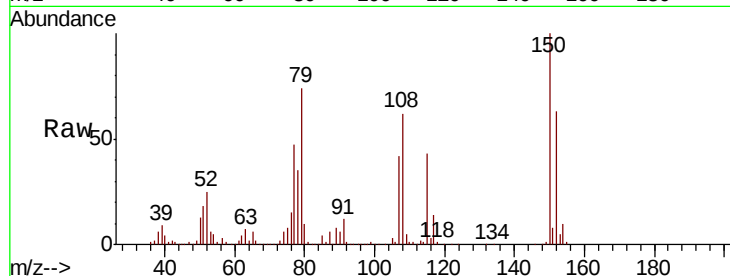
ClientSampleId :

PB120877BSD

Tot Ion:	79	Resp:	588414
Ion	Ratio	Lower	Upper
79	100		
108	83.3	68.7	103.1
77	63.6	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.294 ng

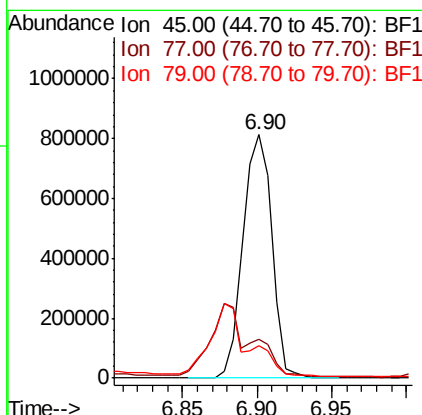
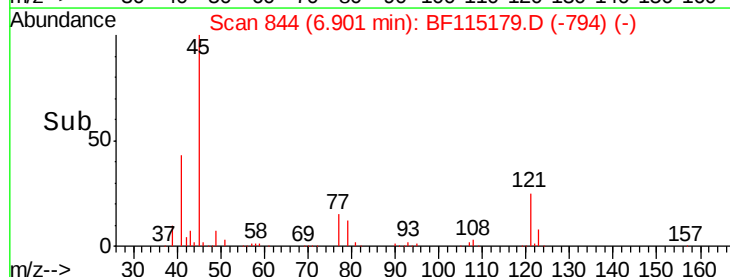
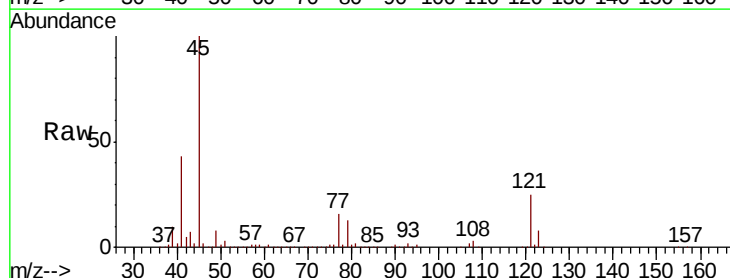
RT: 6.90 min Scan# 844

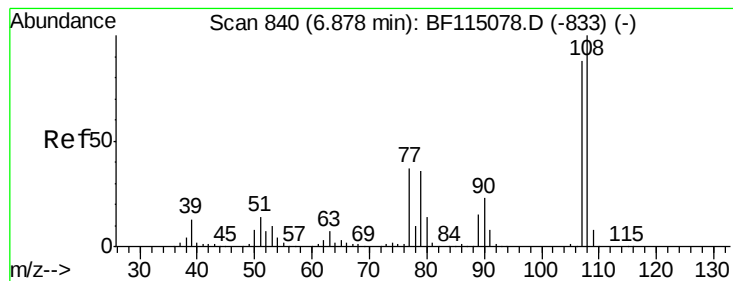
Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:	45	Resp:	1085964
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.6
79	13.1	0.0	31.2





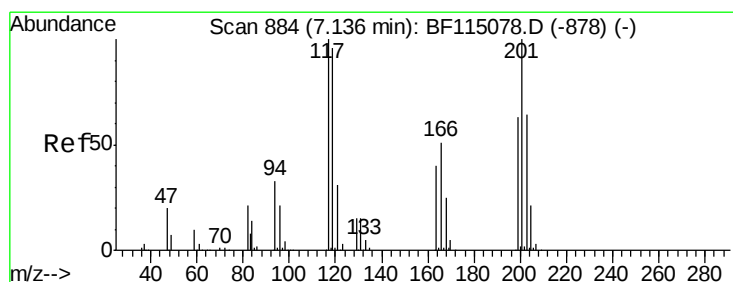
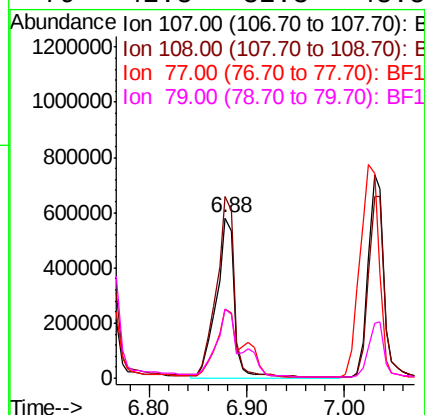
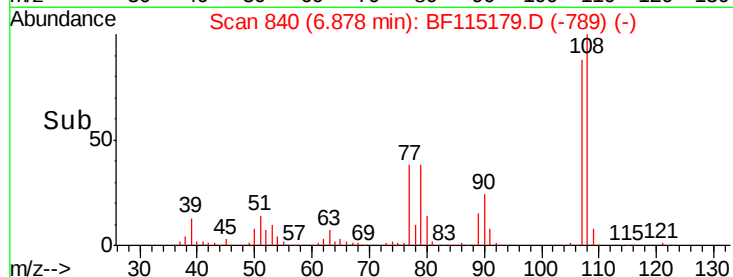
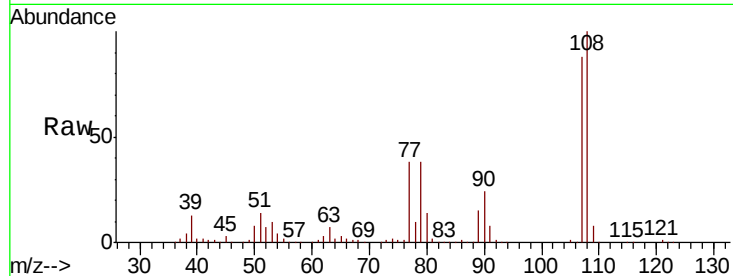
#17
2-Methylphenol
Concen: 45.874 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampled :
PB120877BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.9	136.3	
77	43.3	33.4	50.2	
79	42.8	32.3	48.5	

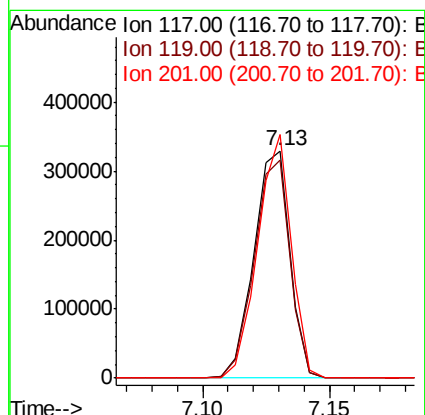
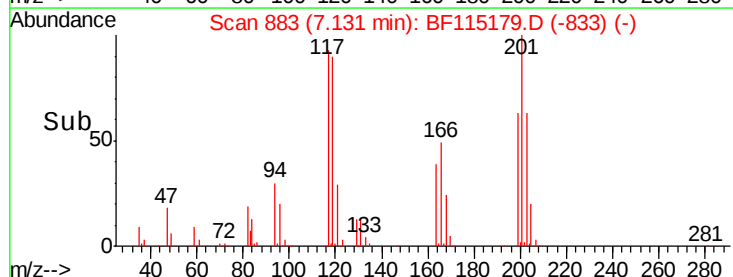
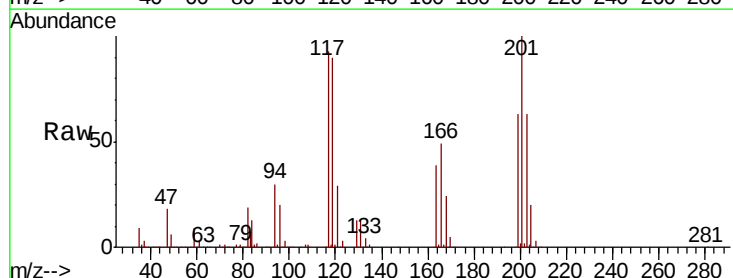
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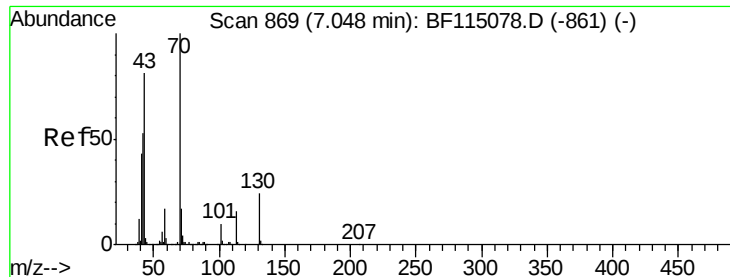
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#18
Hexachloroethane
Concen: 40.799 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.6	114.8	
201	107.1	80.2	120.2	





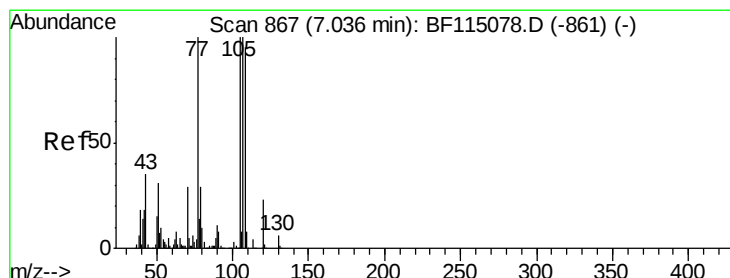
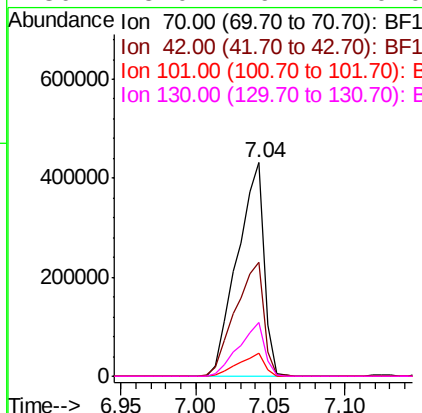
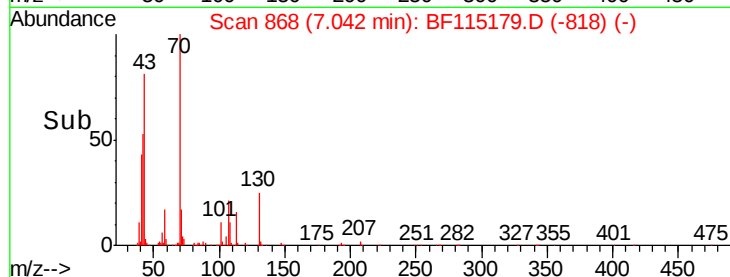
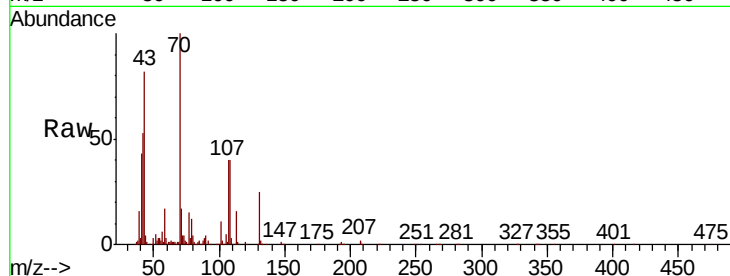
#19
n-Nitroso-di-n-propylamine
Concen: 39.197 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.3	42.6	63.8		
101	10.5	8.0	12.0		
130	25.0	19.4	29.0		

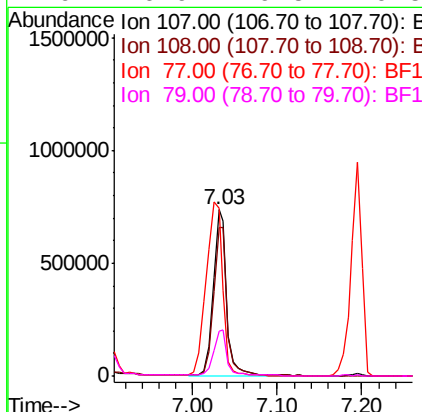
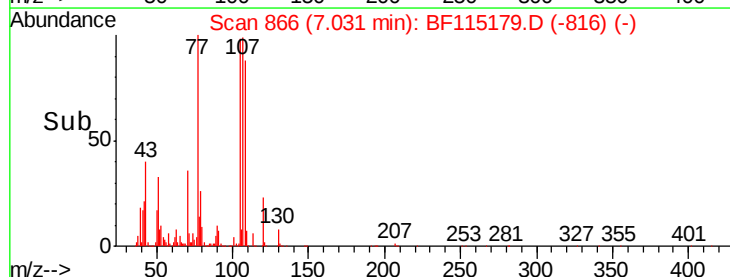
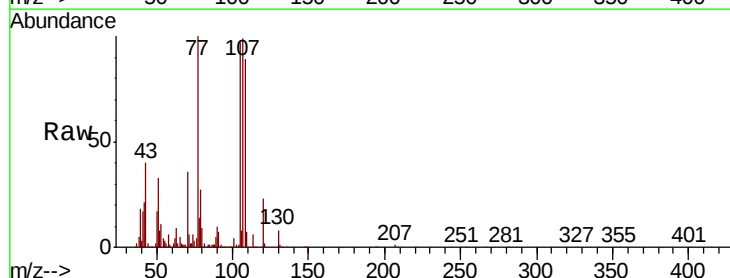
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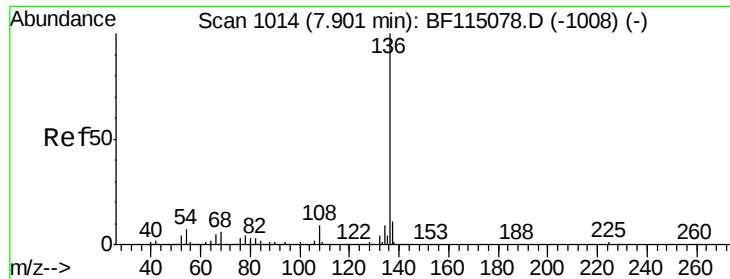
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#20
3+4-Methylphenols
Concen: 43.660 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.0	75.5	115.5		
77	100.6	80.2	120.2		
79	26.9	9.5	49.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tot Ion:136 Resp: 1098680

Ion Ratio Lower Upper

136 100

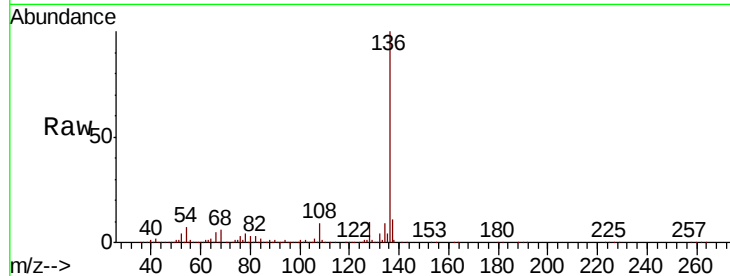
137 11.2 8.9 13.3

54 7.0 5.6 8.4

68 5.9 4.8 7.2

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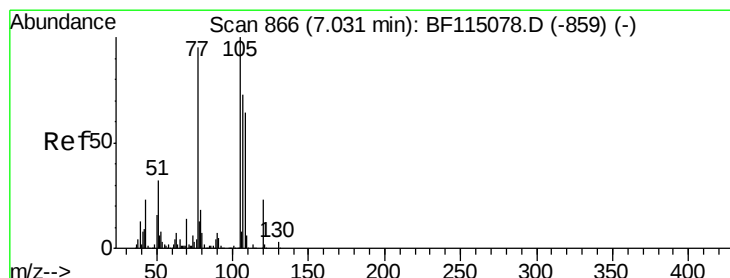
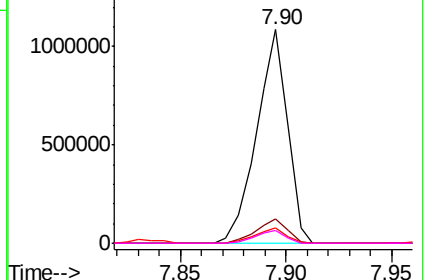
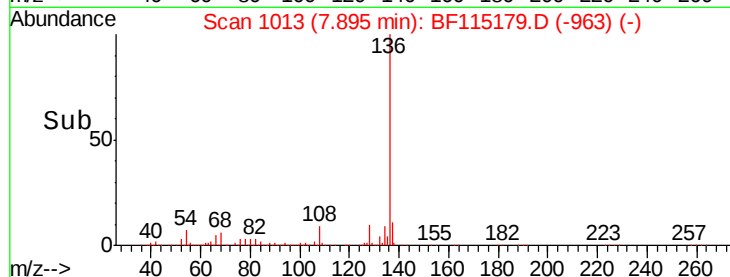


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.213 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:105 Resp: 1112057

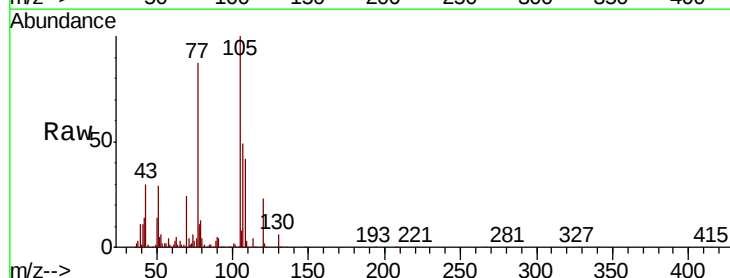
Ion Ratio Lower Upper

105 100

71 4.1 1.9 2.9#

51 29.2 25.8 38.8

120 23.2 18.5 27.7

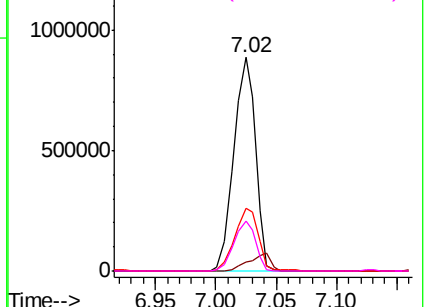
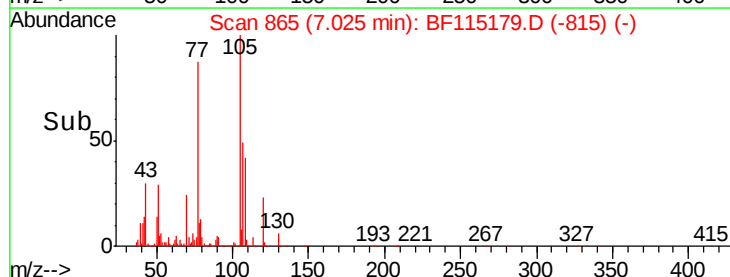


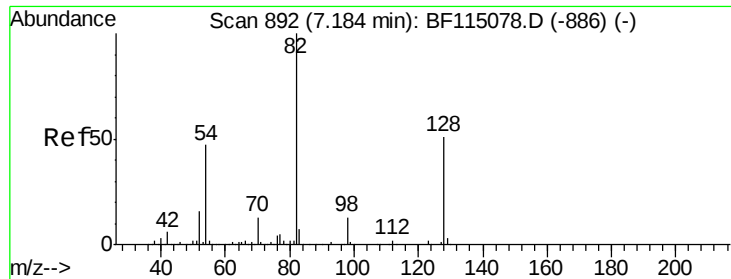
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





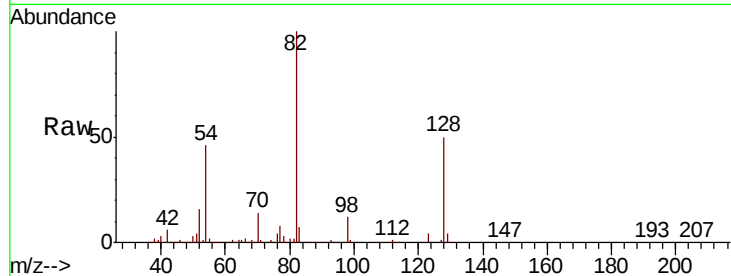
#23
 Nitrobenzene-d5
 Concen: 85.876 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

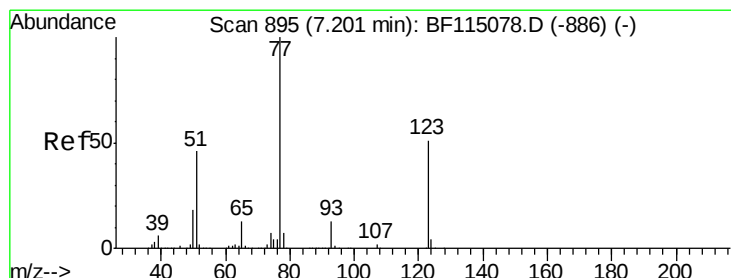
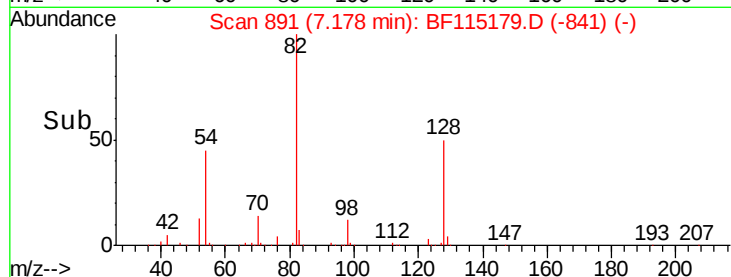
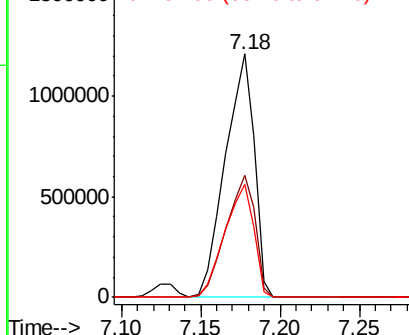
Tot Ion	82	Resp	1533760
Ion Ratio	100	Lower	Upper
128	50.2	40.4	60.6
54	46.5	37.5	56.3

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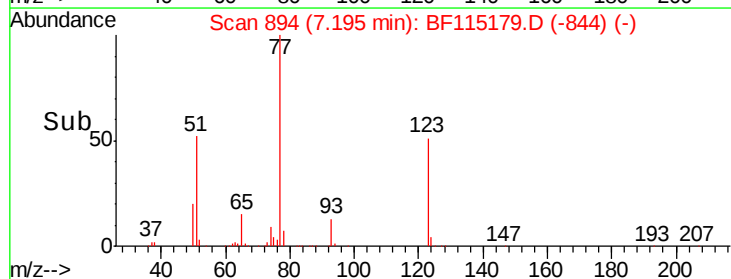
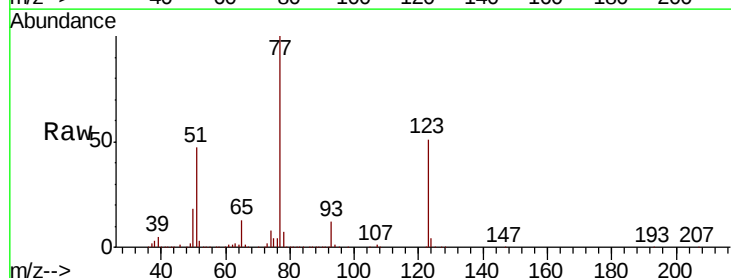
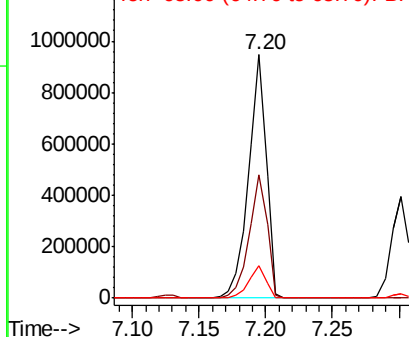
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

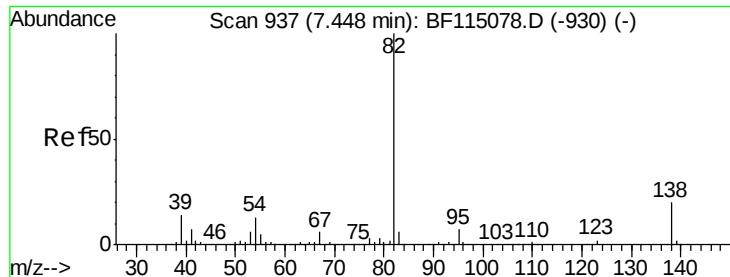


#24
 Nitrobenzene
 Concen: 43.656 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	77	Resp	858993
Ion Ratio	100	Lower	Upper
123	50.6	41.0	61.6
65	13.5	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: 43.085 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tot Ion: 82 Resp: 1576360

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

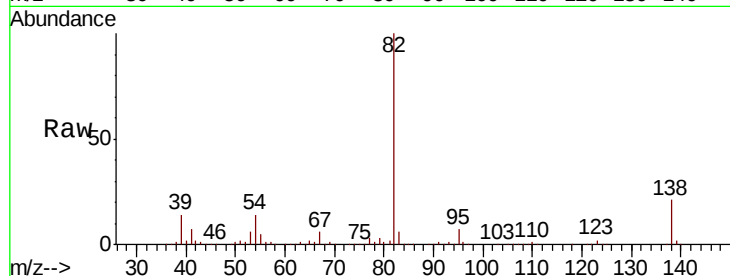
138 20.5 15.9 23.9

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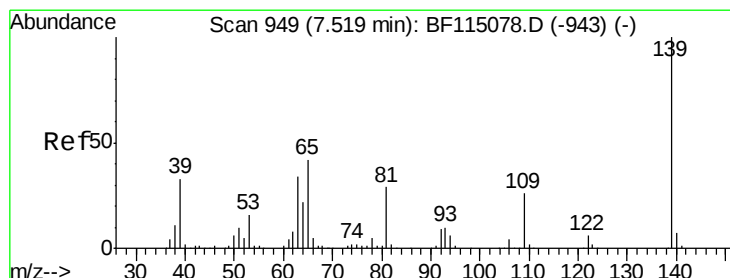
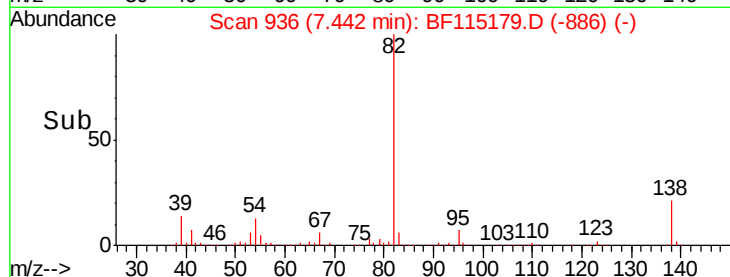
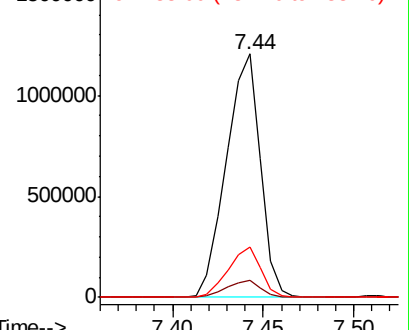
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.152 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

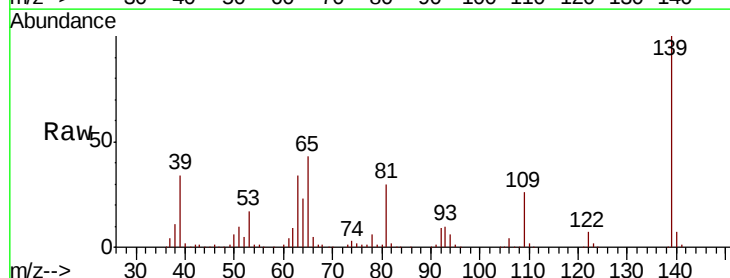
Tgt Ion: 139 Resp: 477608

Ion Ratio Lower Upper

139 100

109 25.5 20.4 30.6

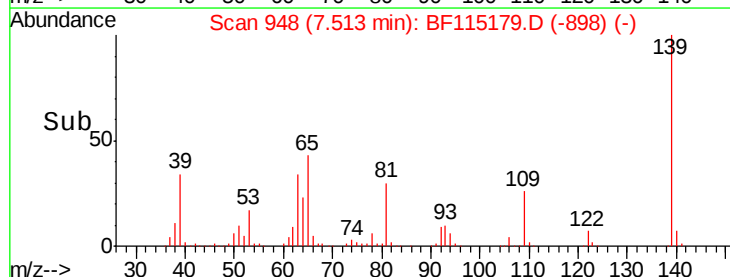
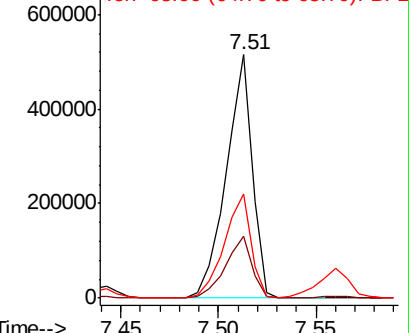
65 42.7 33.6 50.4

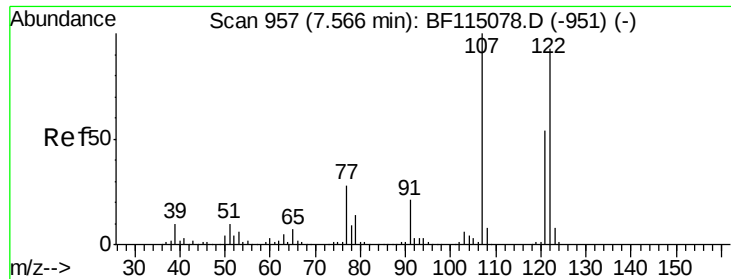


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





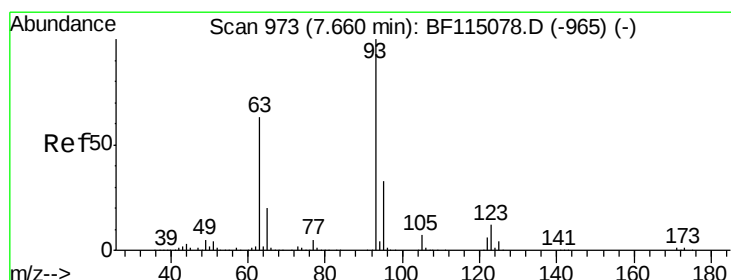
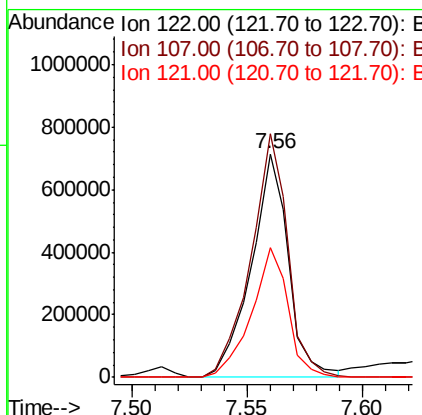
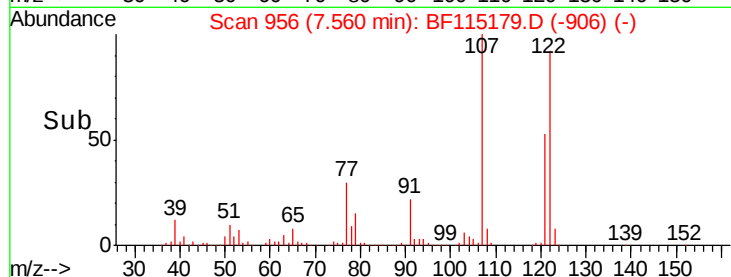
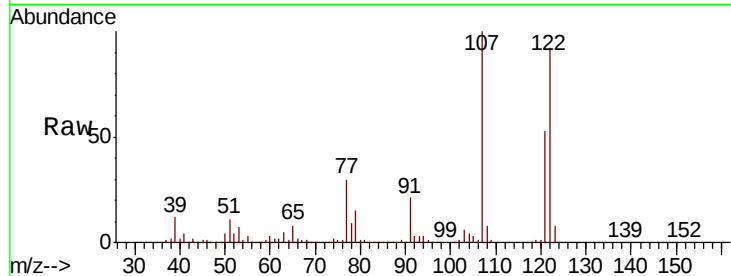
#27
 2,4-Dimethylphenol
 Concen: 50.440 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	85.8	128.6
121	58.2	46.3	69.5

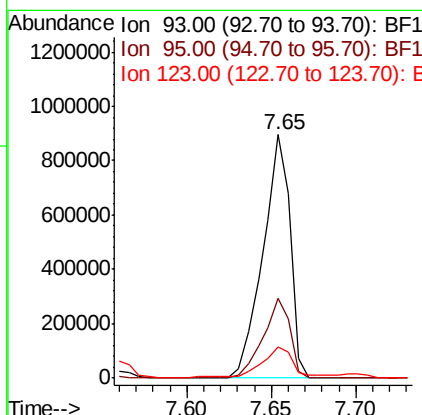
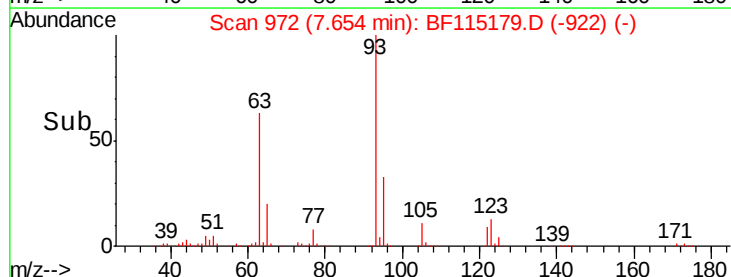
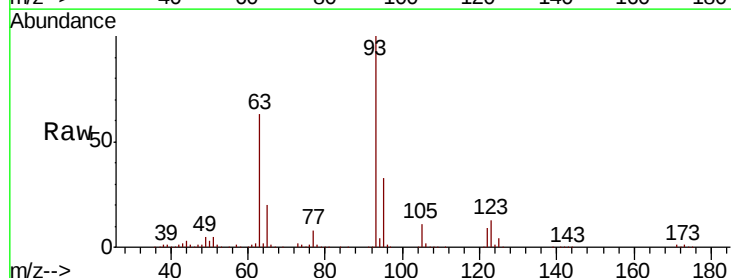
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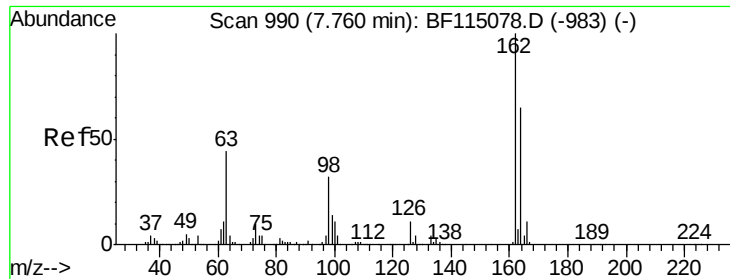
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.831 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.8	9.7	14.5





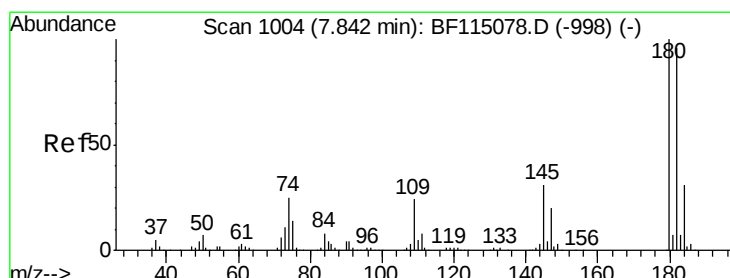
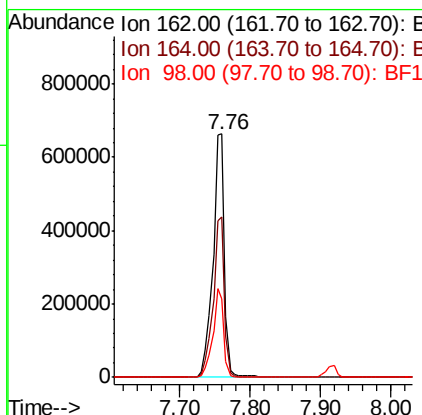
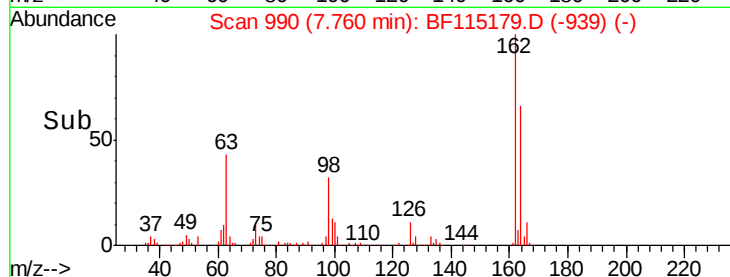
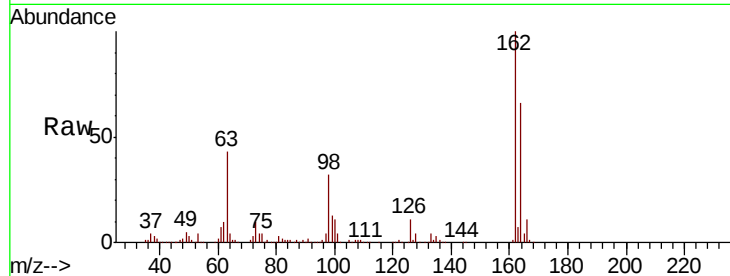
#29
 2,4-Dichlorophenol
 Concen: 46.280 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		759857		
164	65.8	45.3	85.3		
98	32.0	12.5	52.5		

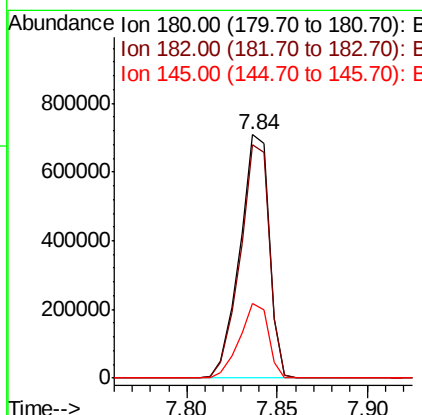
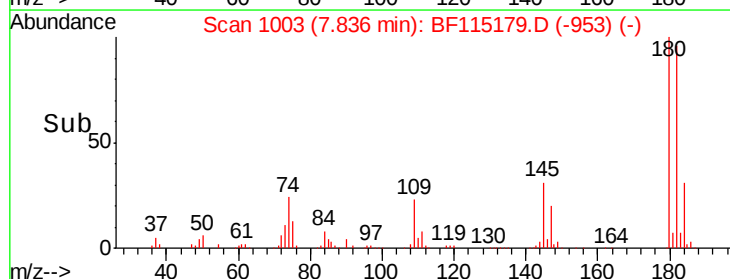
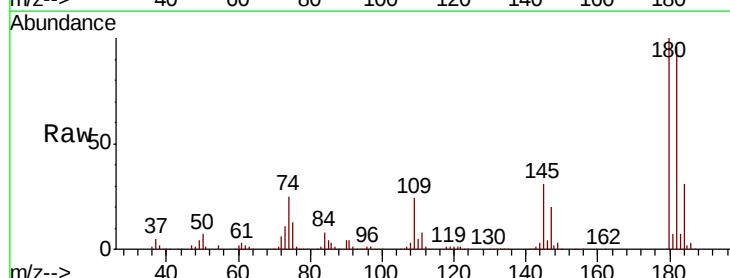
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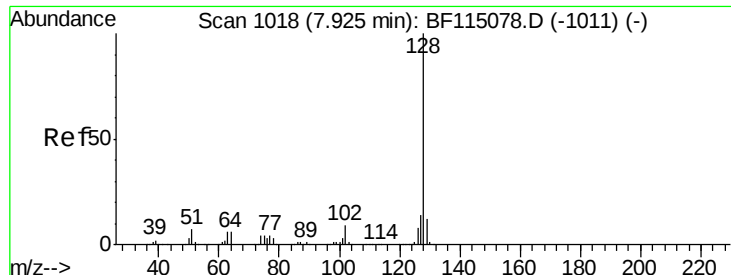
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.880 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		795782		
182	95.6	76.4	114.6		
145	30.6	24.8	37.2		





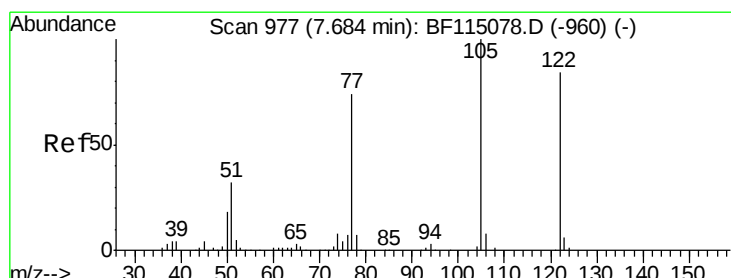
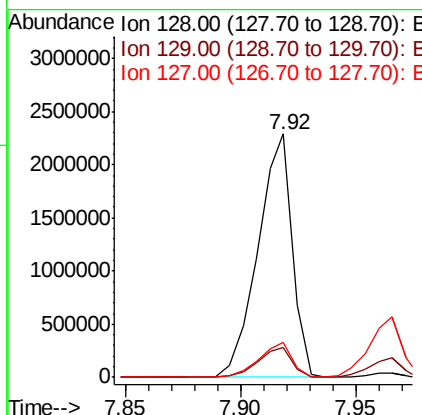
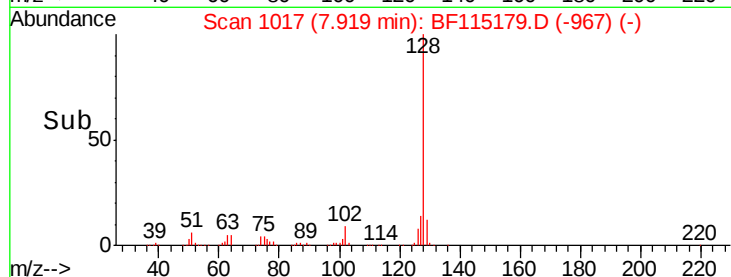
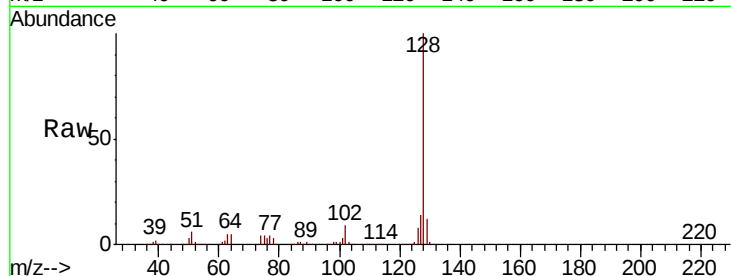
#31
Naphthalene
Concen: 43.754 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.2	11.4	17.0

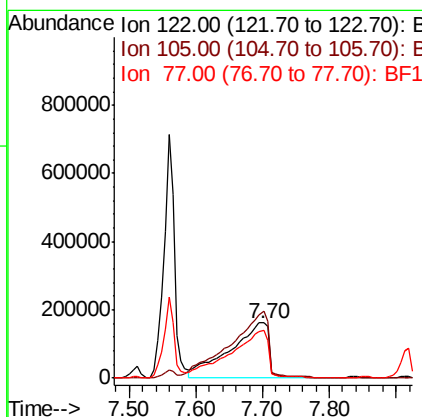
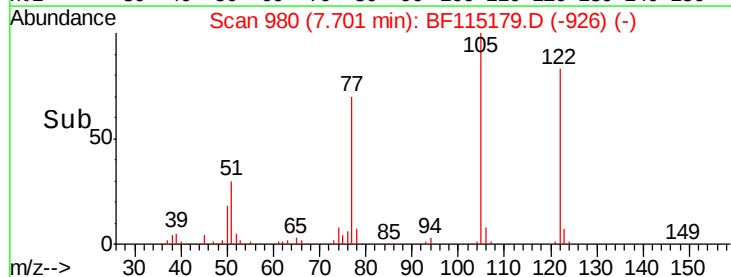
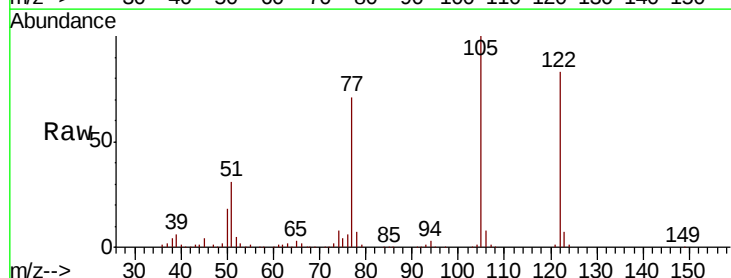
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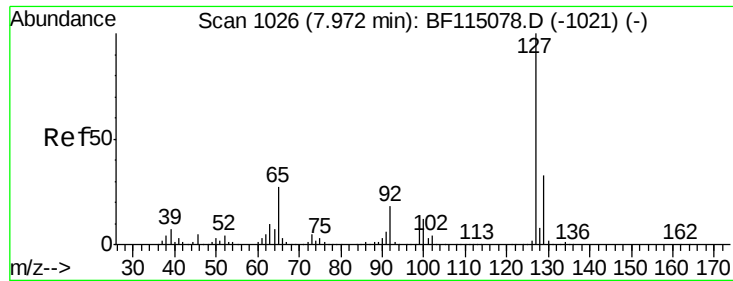
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#32
Benzoic acid
Concen: 57.292 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	98.2	138.2
77	86.5	67.0	107.0





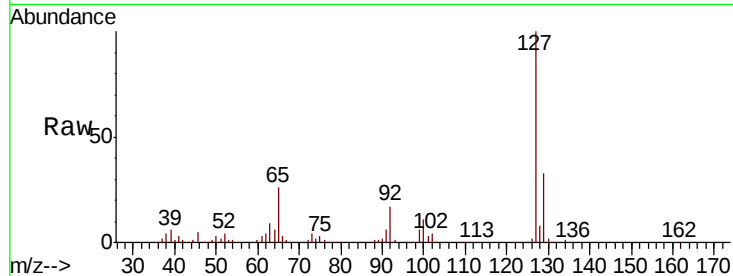
#33
4-Chloroaniline
Concen: 23.306 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		574451		
129	33.0	26.1	39.1		
65	25.5	21.4	32.2		
92	17.0	14.1	21.1		

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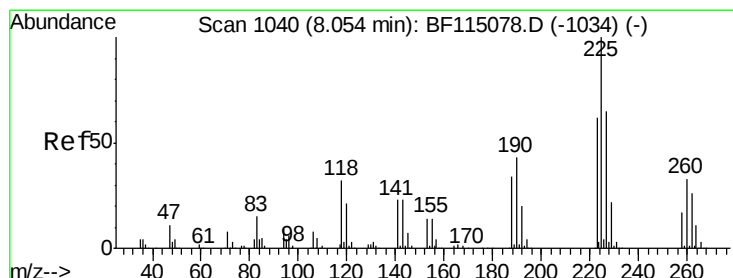
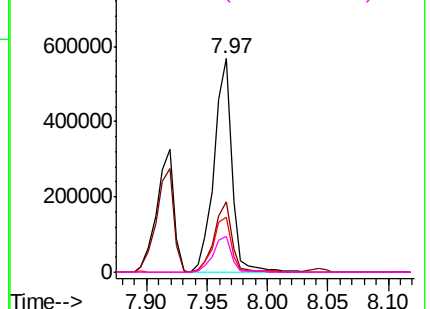
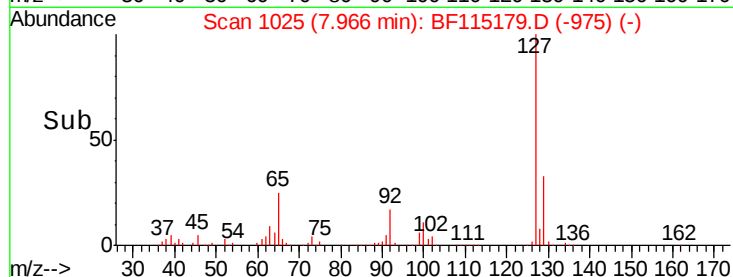
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

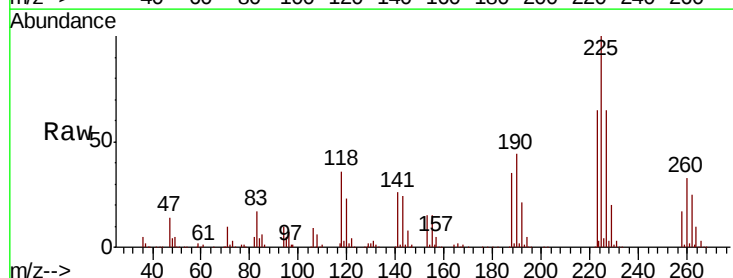
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.805 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		425410		
223	64.7	49.4	74.2		
227	64.9	51.8	77.8		

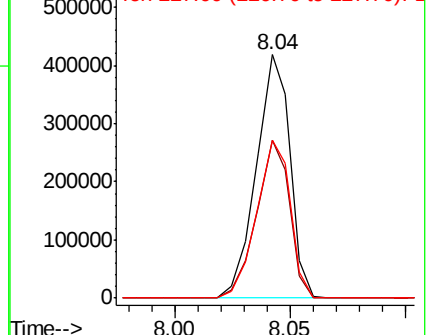
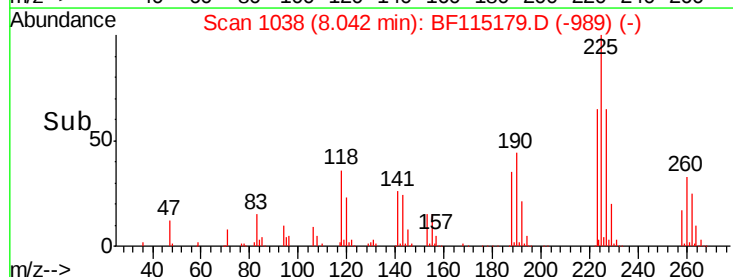


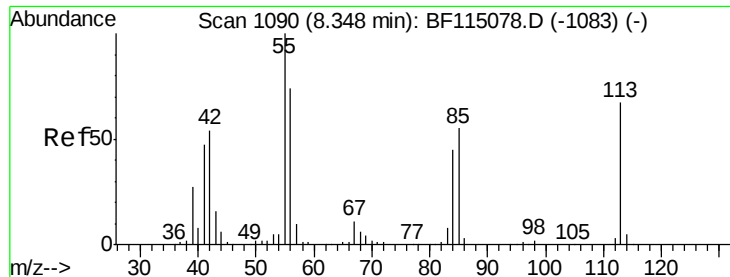
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.755 ng/mL

RT: 8.34 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

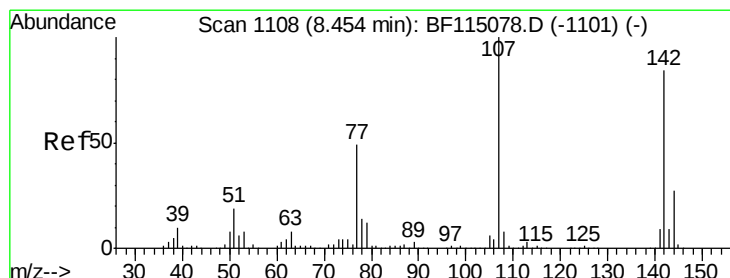
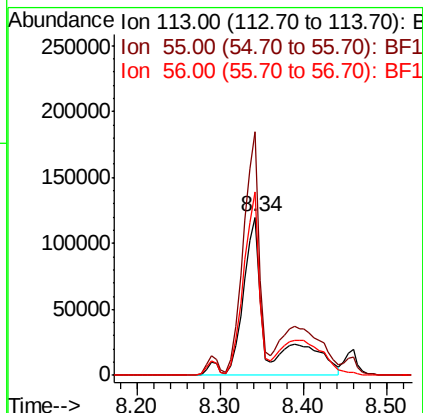
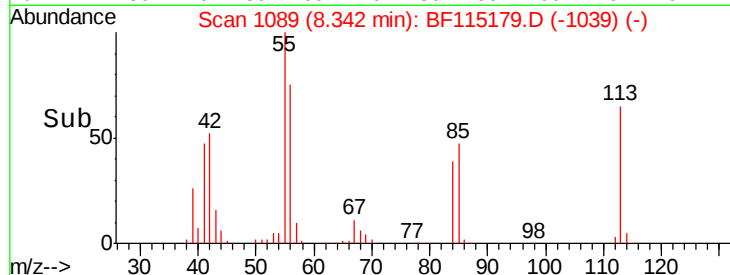
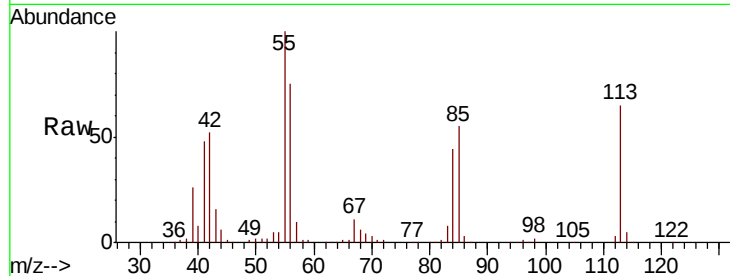
ClientSampleID :

PB120877BSD

Tot Ion:	113	Resp:	252570
Ion Ratio	Lower	Upper	
113	100		
55	153.9	130.2	170.2
56	116.2	91.6	131.6

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#36

4-Chloro-3-methylphenol

Concen: 46.065 ng/mL

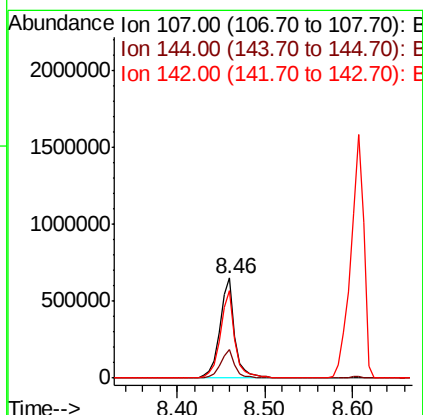
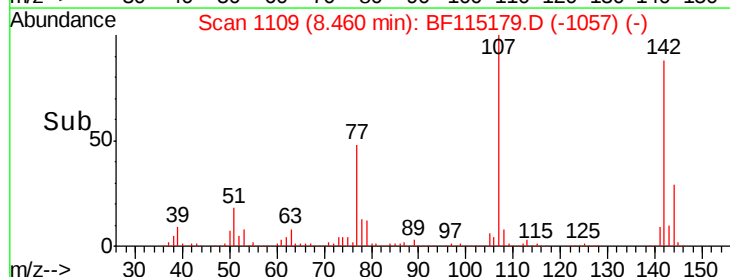
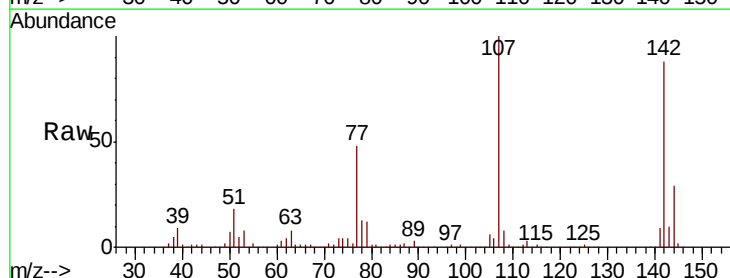
RT: 8.46 min Scan# 1109

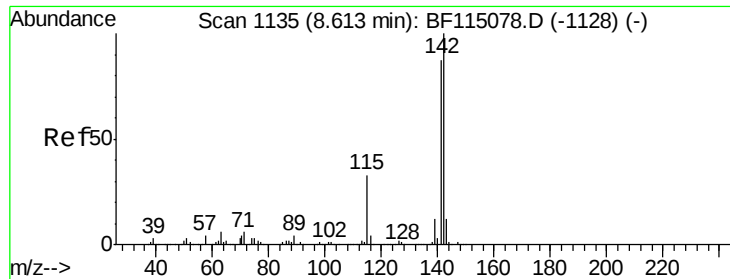
Delta R.T. 0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:	107	Resp:	765949
Ion Ratio	Lower	Upper	
107	100		
144	28.6	21.7	32.5
142	87.9	67.0	100.4





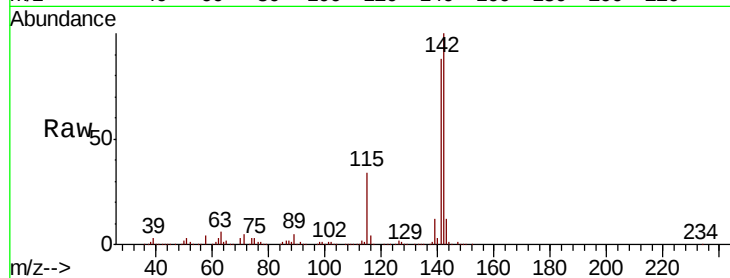
#37
2-Methylnaphthalene
Concen: 45.492 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

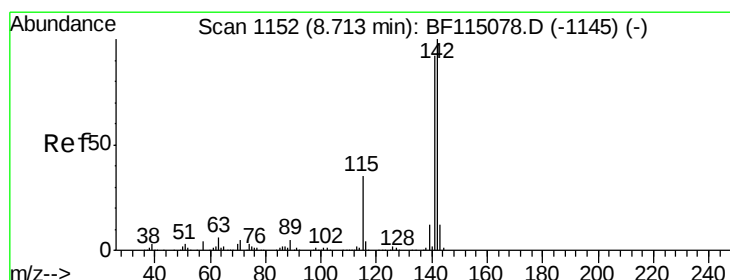
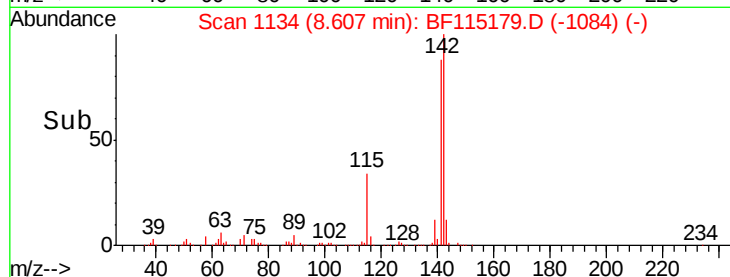
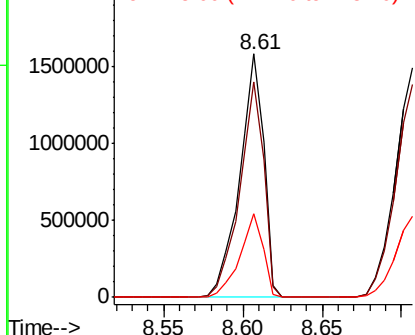
Tot Ion:142 Resp: 1654228
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.6
115 34.2 26.7 40.1

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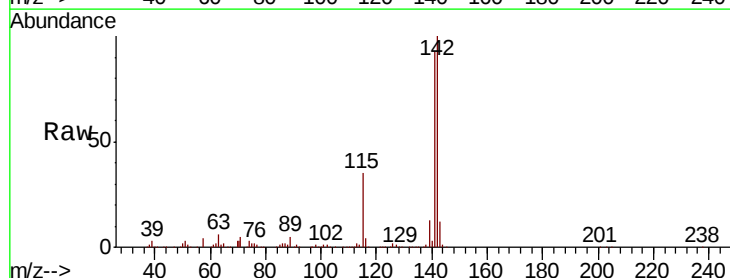


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

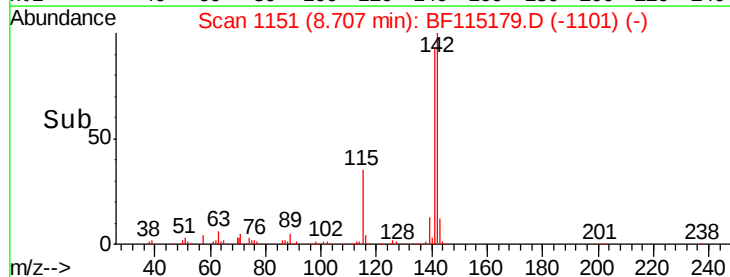
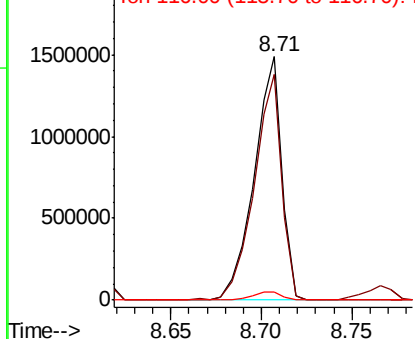


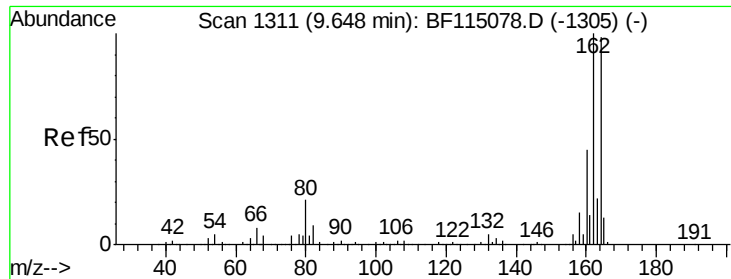
#38
1-Methylnaphthalene
Concen: 45.113 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:142 Resp: 1566764
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.8
116 3.6 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





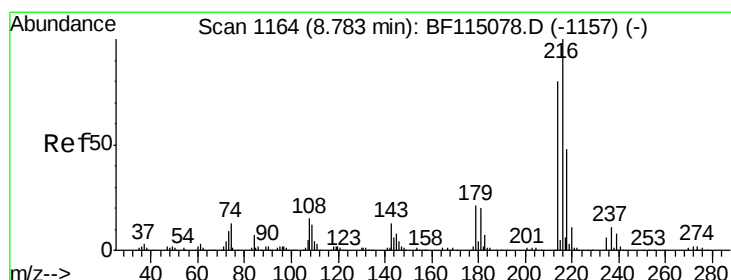
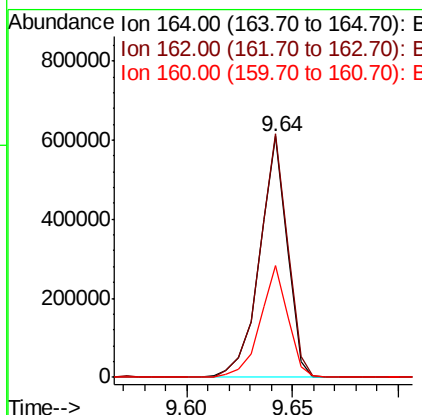
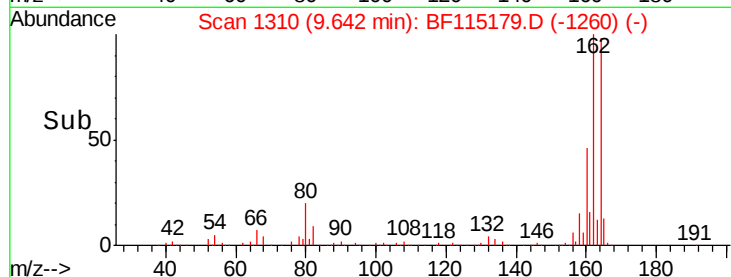
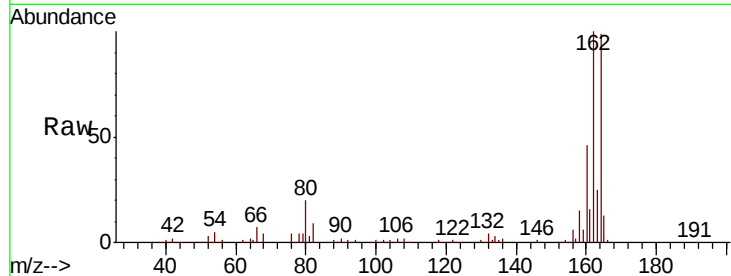
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	81.7	122.5	
160	46.2	37.0	55.4	

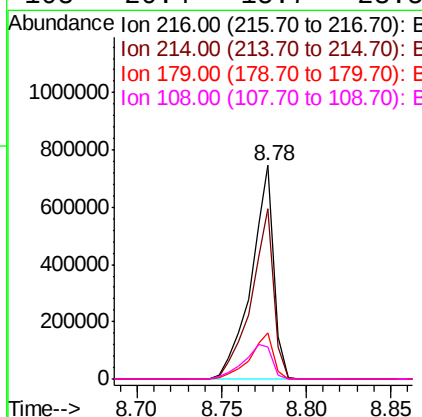
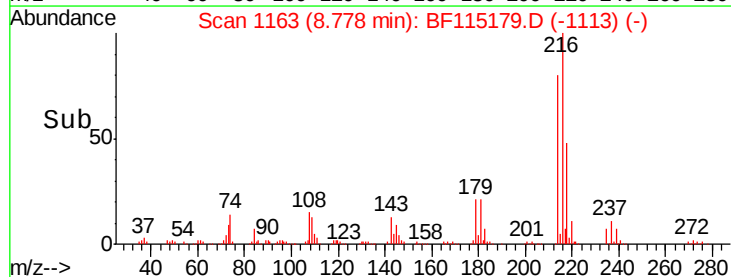
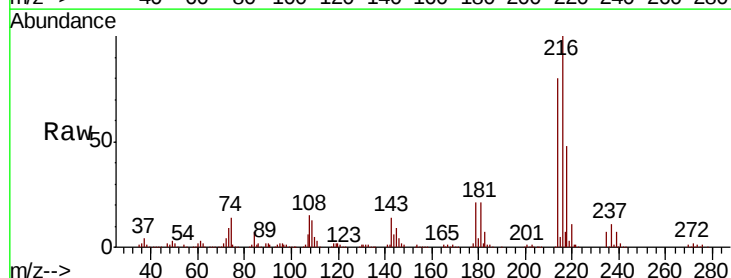
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.356 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.8	95.6	
179	22.0	17.6	26.4	
108	20.4	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 77.881 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

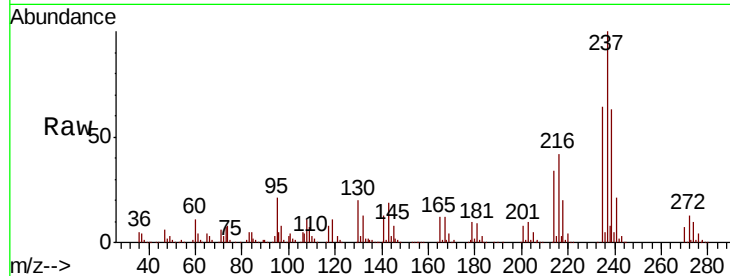
ClientSampleId :

PB120877BSD

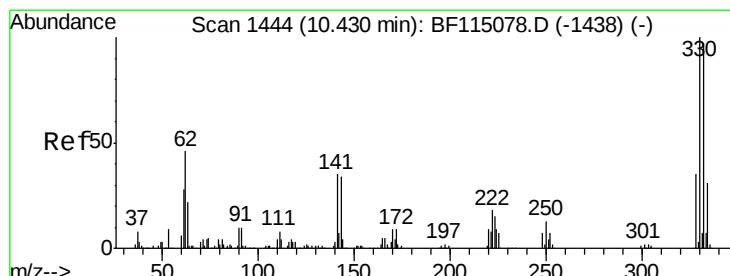
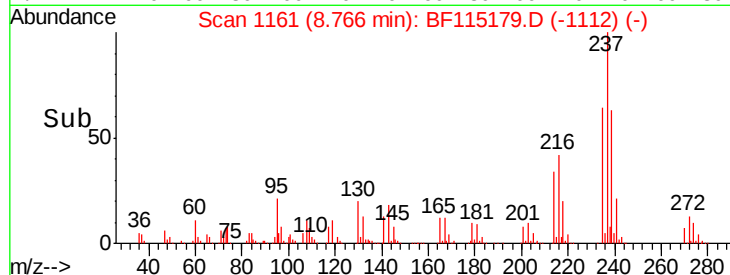
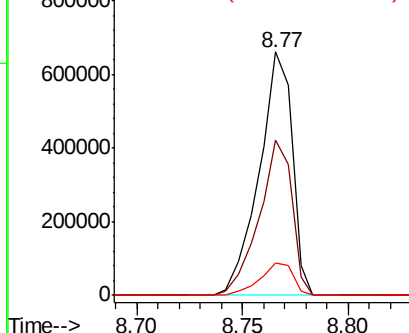
Tot Ion:	237	Resp:	722428
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.9	83.9
272	13.3	0.0	33.8

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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: 123.922 ng

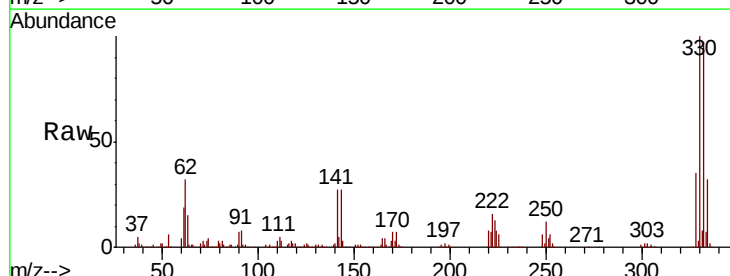
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

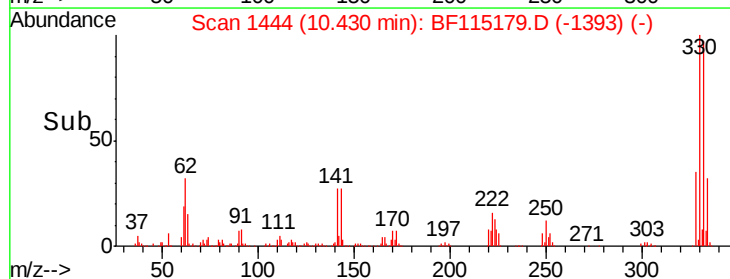
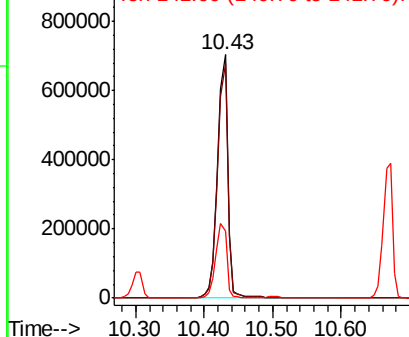
Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:	330	Resp:	723432
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.3	115.9
141	32.8	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





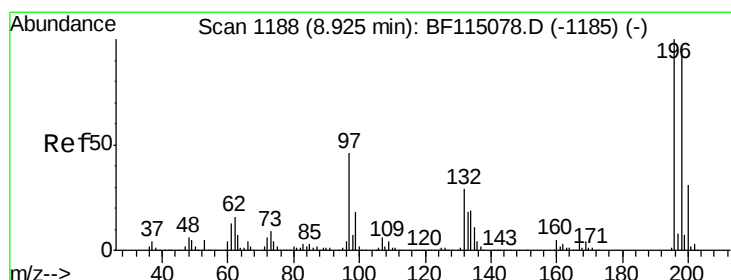
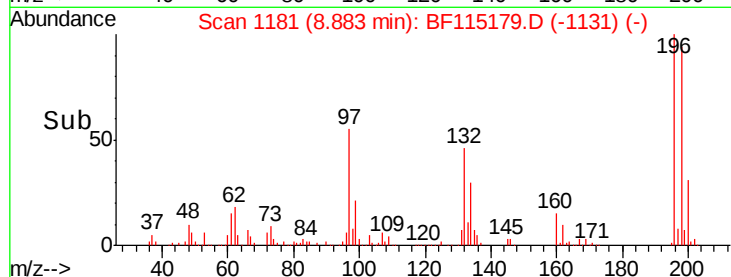
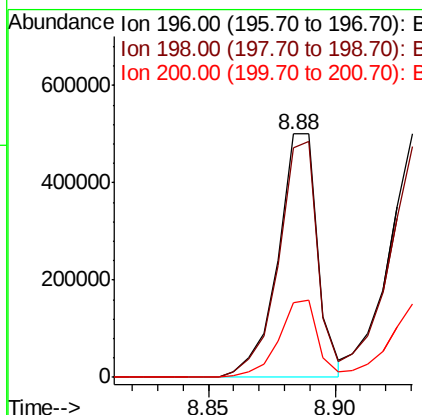
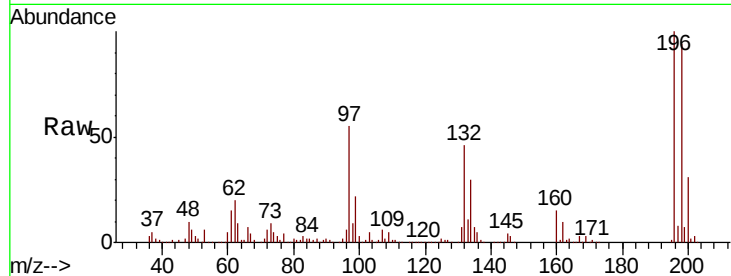
#43
 2,4,6-Trichlorophenol
 Concen: 45.170 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	545534		
198	94.0	76.3	114.5	
200	30.6	24.2	36.4	

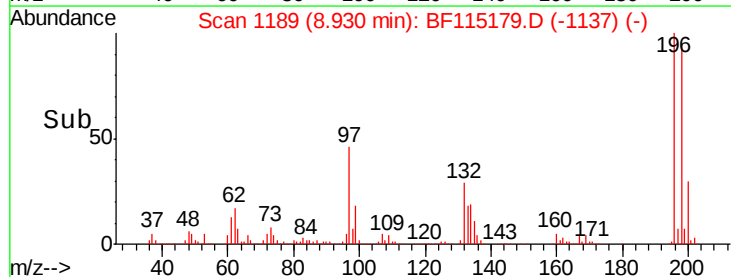
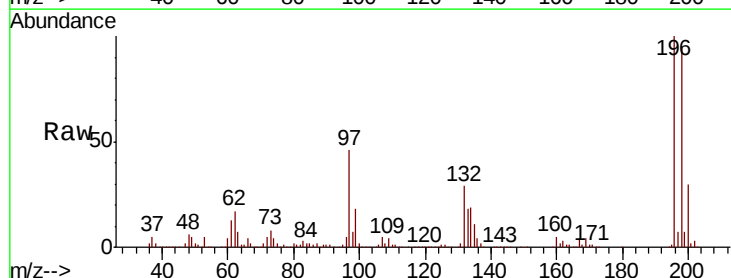
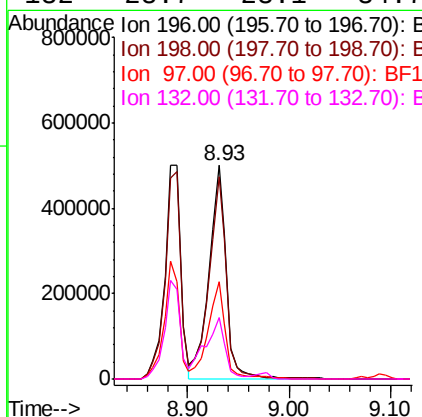
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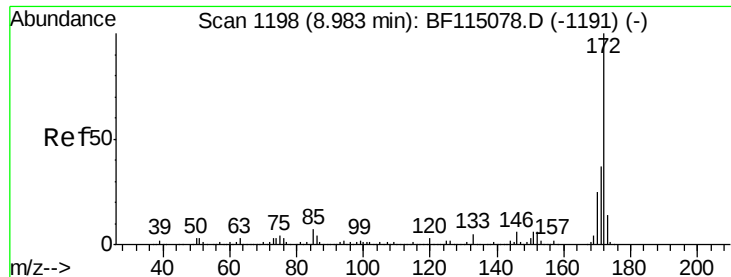
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.563 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	591557		
198	95.1	77.1	115.7	
97	45.9	37.7	56.5	
132	28.7	23.1	34.7	





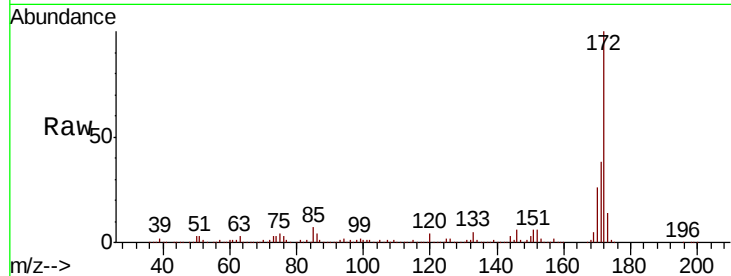
#45
2-Fluorobiphenyl
Concen: 87.949 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	25.9	20.3	30.5

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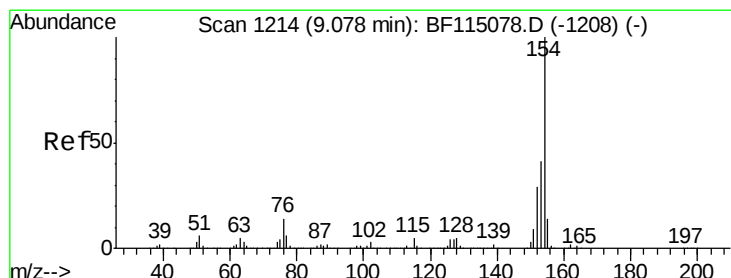
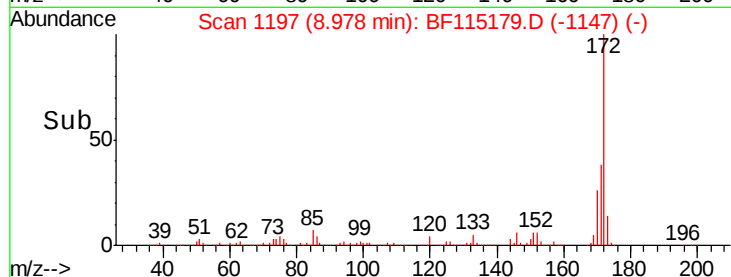
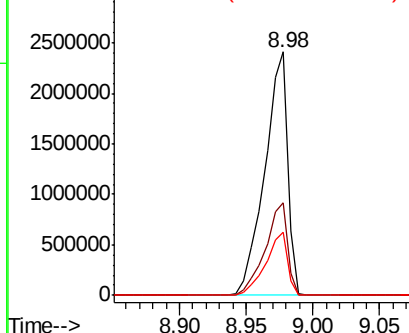


Abundance

Ion 172.00 (171.70 to 172.70): E

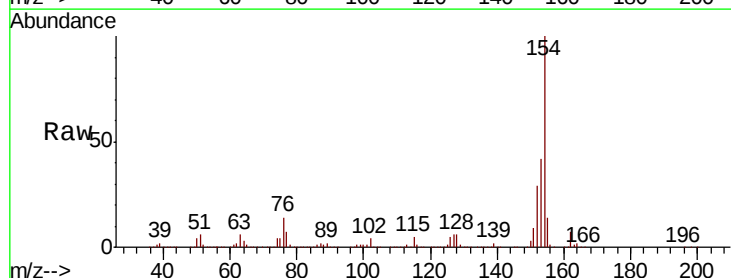
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.128 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.9	60.9
76	13.8	0.0	34.1

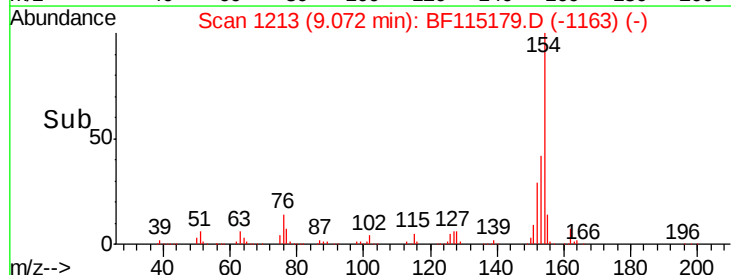
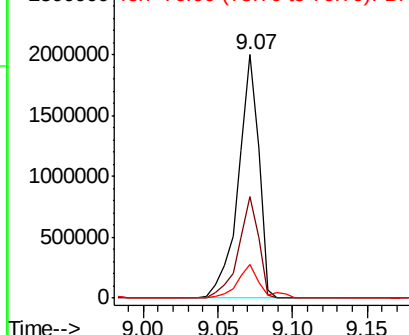


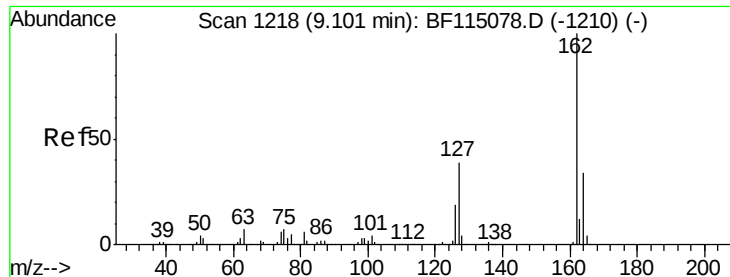
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





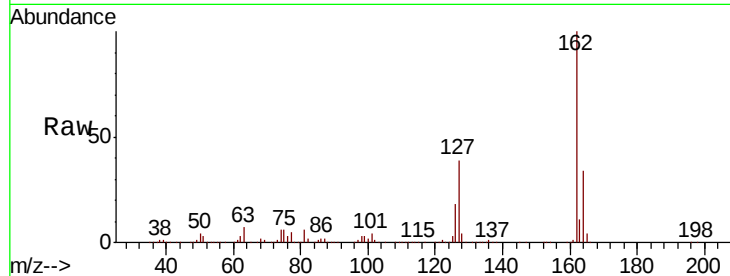
#47
2-Chloronaphthalene
Concen: 42.870 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

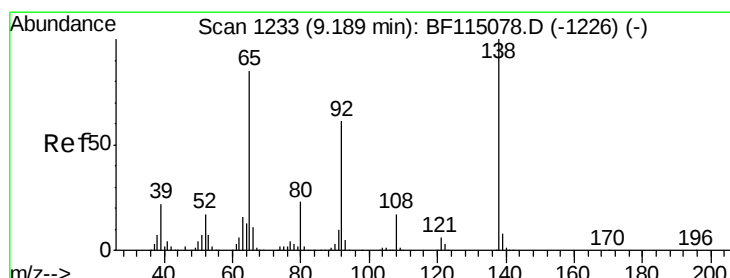
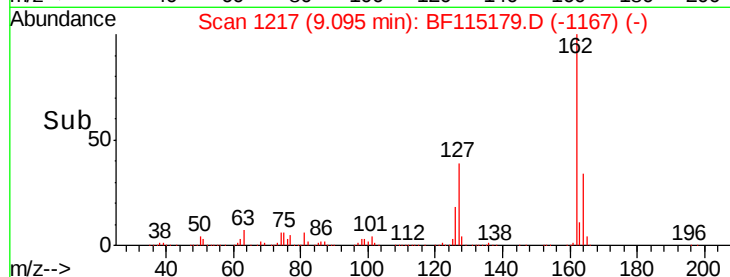
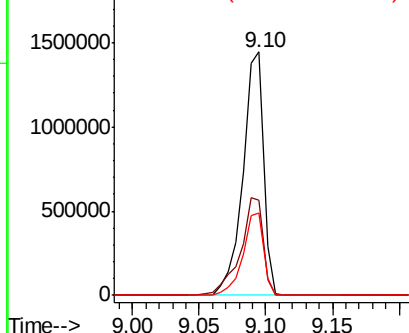
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.8	46.2
164	34.1	27.0	40.4

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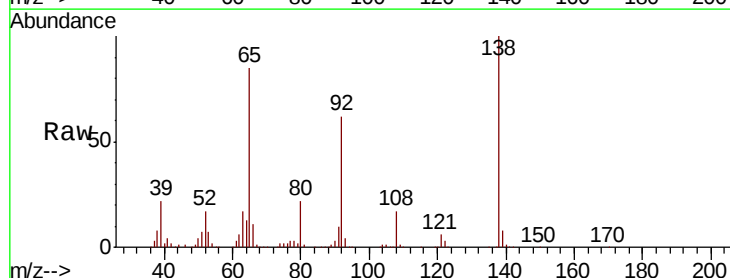


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

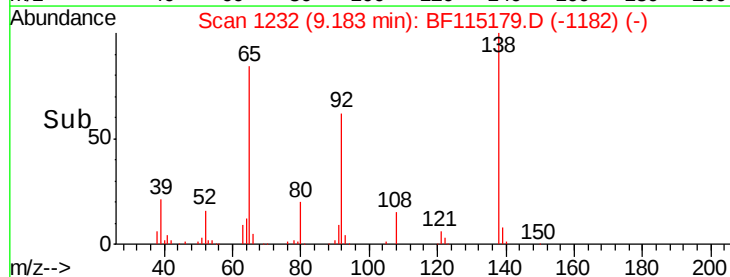
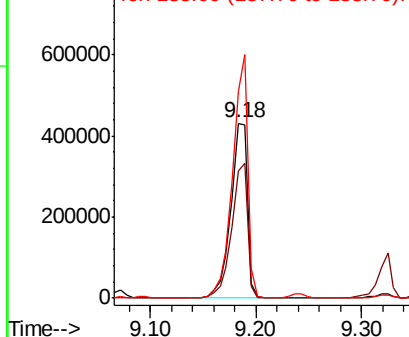


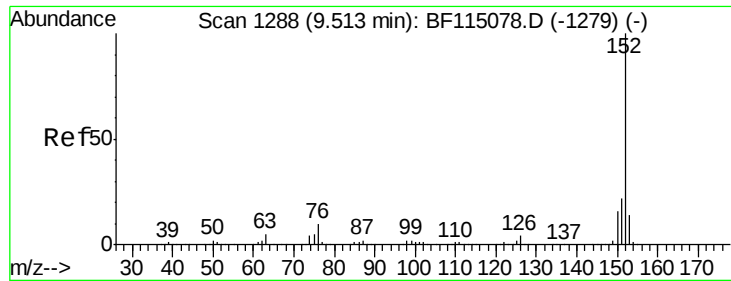
#48
2-Nitroaniline
Concen: 44.493 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.4	86.2
138	118.1	94.1	141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
800000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





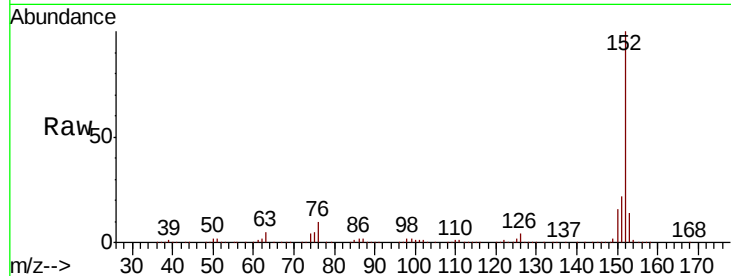
#49
Acenaphthylene
Concen: 42.365 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.9	17.2	25.8	
153	14.5	11.0	16.6	

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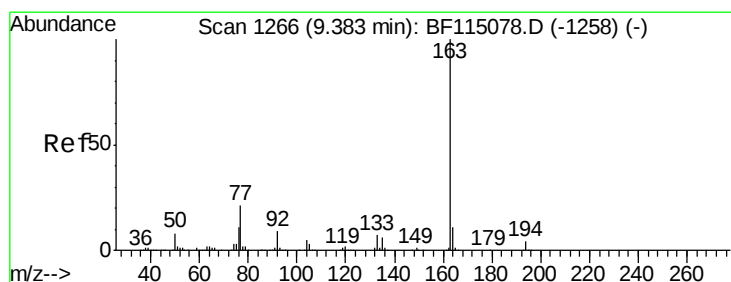
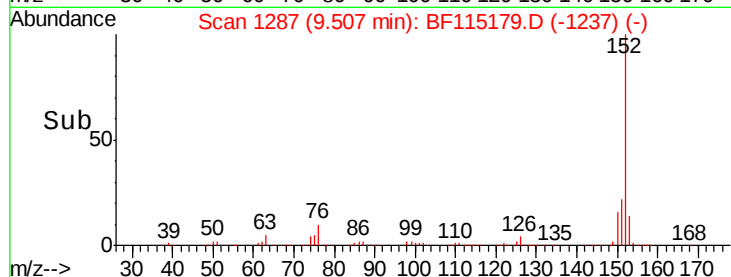
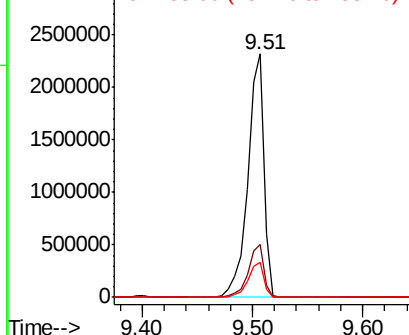


Abundance

Ion 152.00 (151.70 to 152.70): E

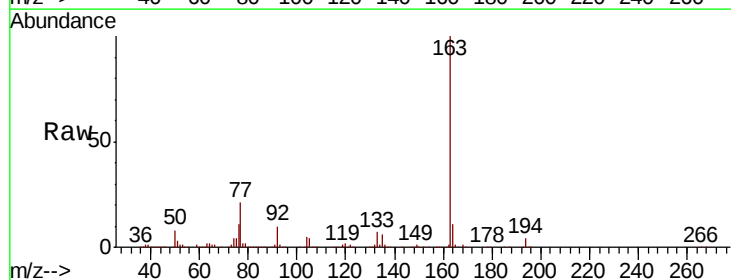
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 44.029 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.2	3.2	4.8	
164	11.0	8.6	13.0	

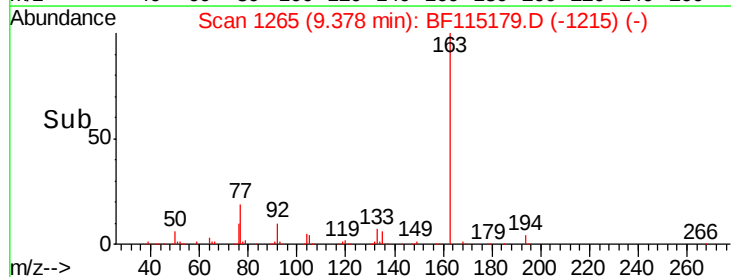
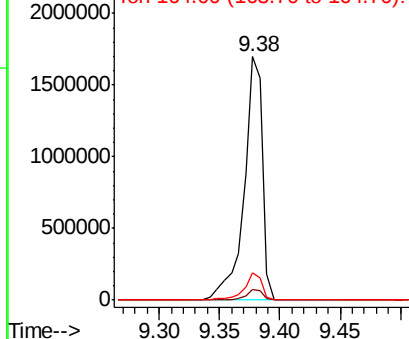


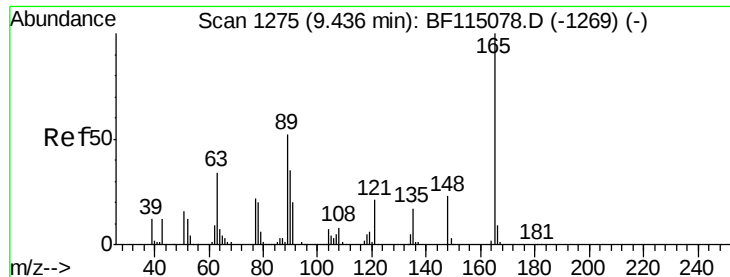
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





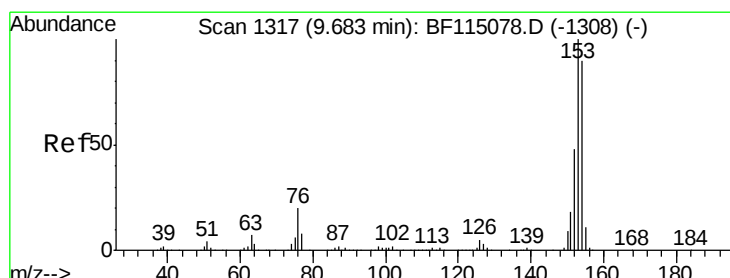
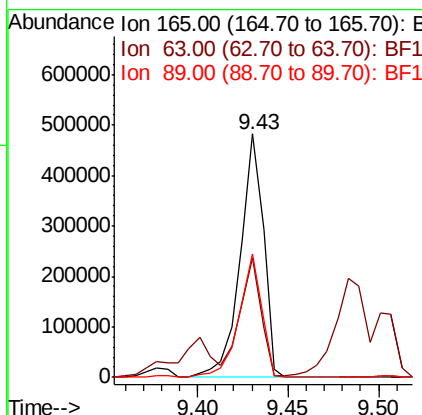
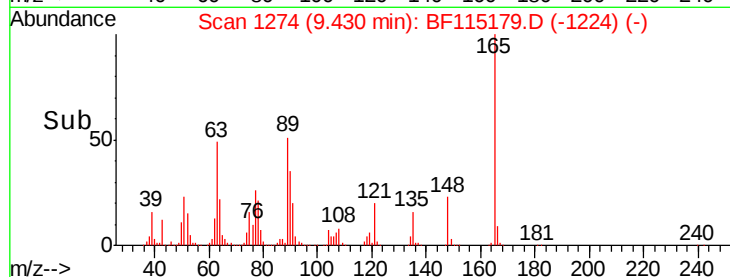
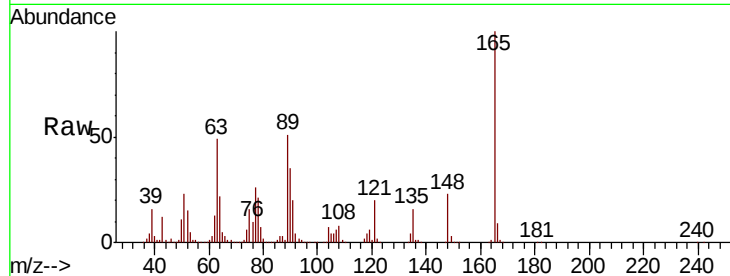
#51
2,6-Dinitrotoluene
Concen: 45.825 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	430895		
63	49.2		39.4	59.2
89	50.8		42.0	63.0

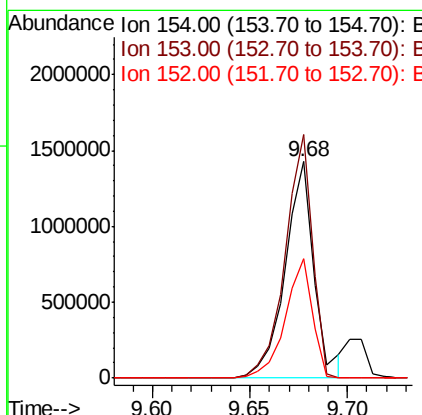
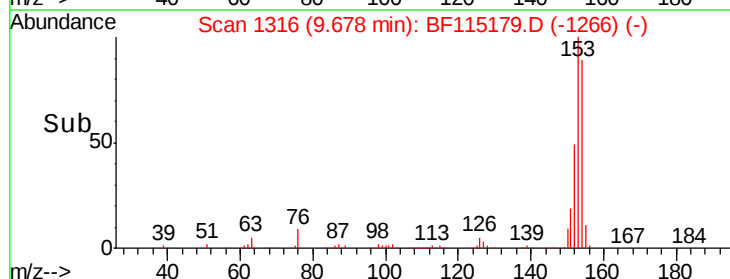
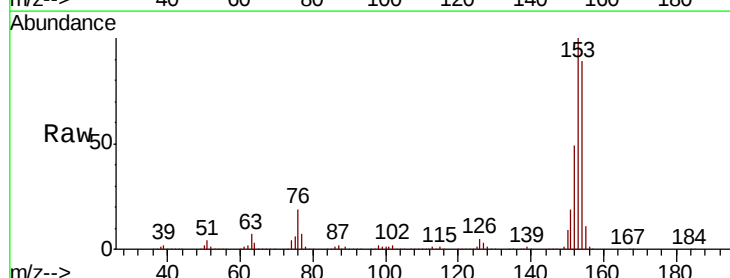
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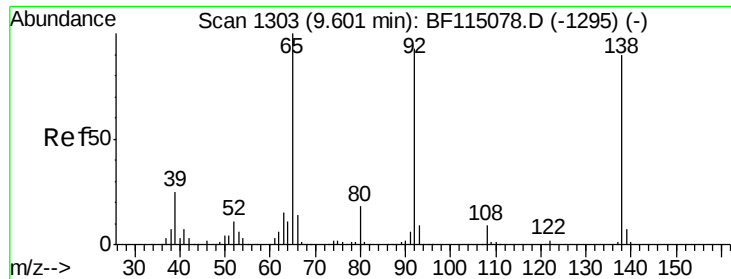
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#52
Acenaphthene
Concen: 41.774 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1463339		
153	112.5		88.7	133.1
152	55.4		42.6	64.0





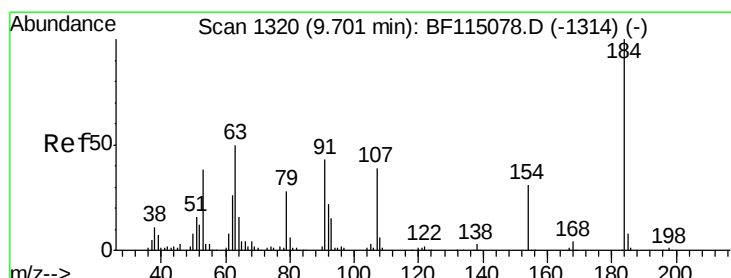
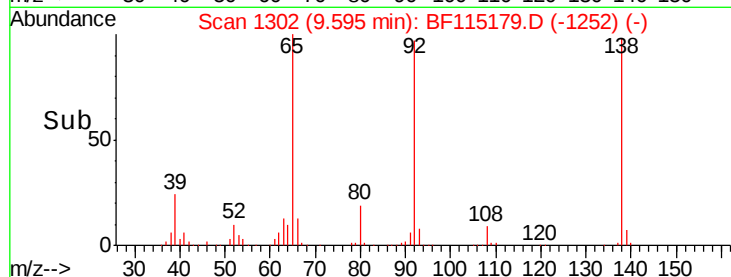
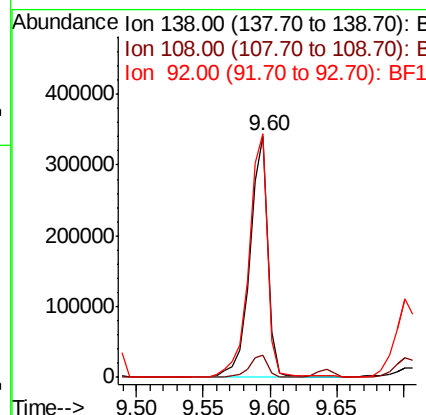
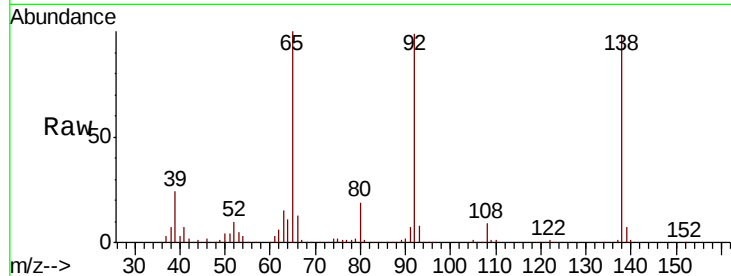
#53
3-Nitroaniline
Concen: 27.266 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	101.0	82.9	124.3

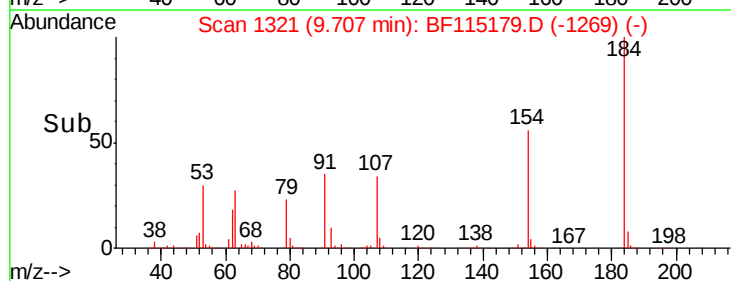
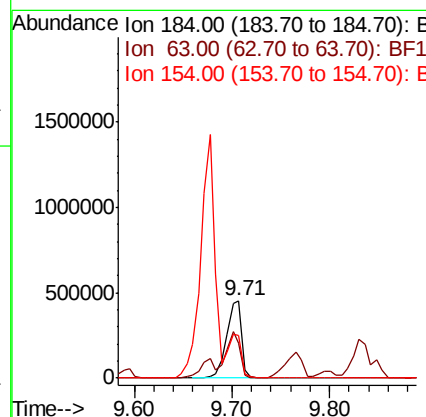
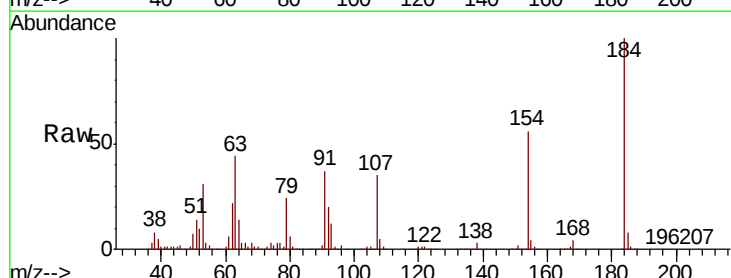
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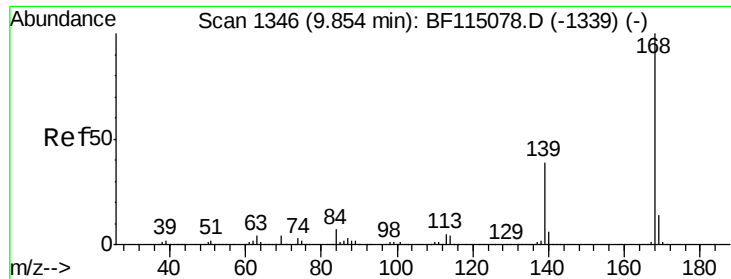
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#54
2,4-Dinitrophenol
Concen: 98.631 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.2	41.9	62.9
154	55.7	44.7	67.1





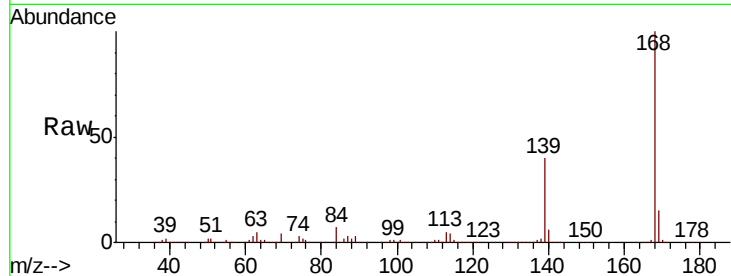
#55
Dibenzofuran
Concen: 41.774 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.1	46.7
169	14.5	11.3	16.9

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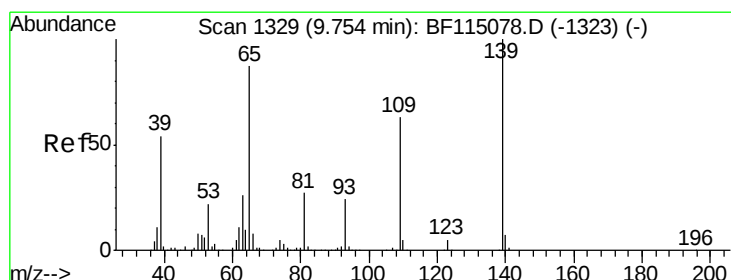
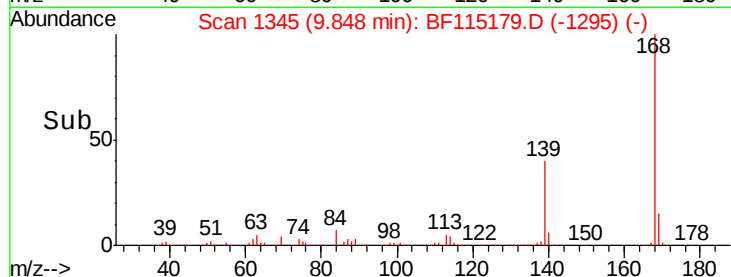
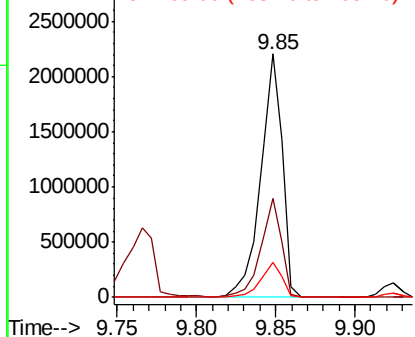


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.919 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

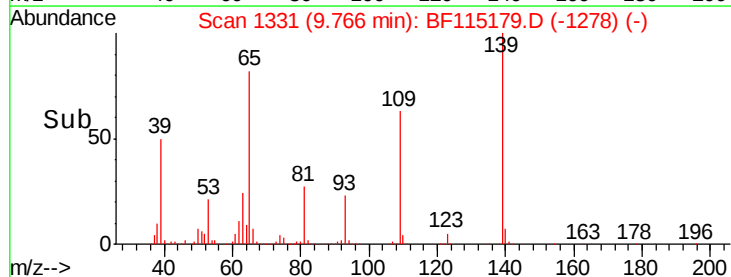
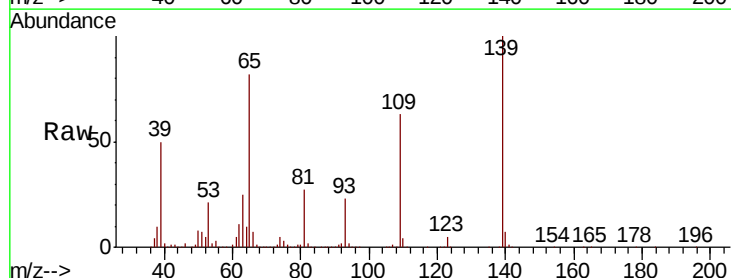
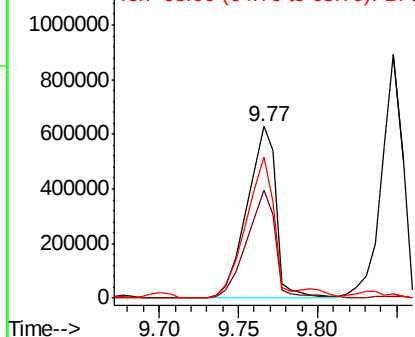
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.6	43.0	83.0
65	82.0	67.0	107.0

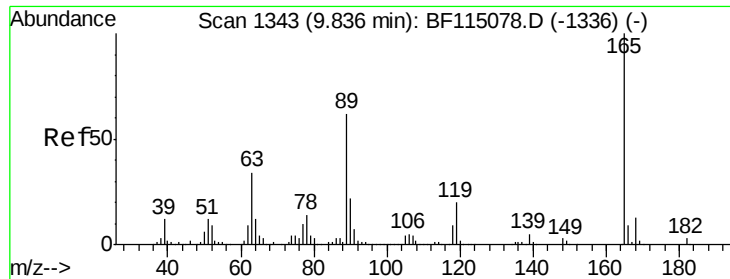
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





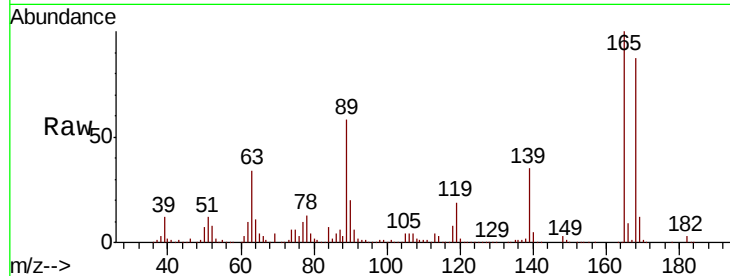
#57
 2,4-Dinitrotoluene
 Concen: 47.565 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

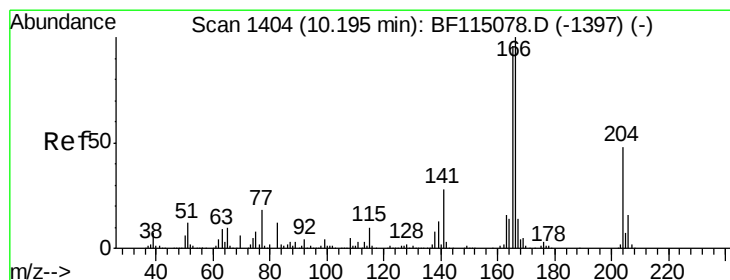
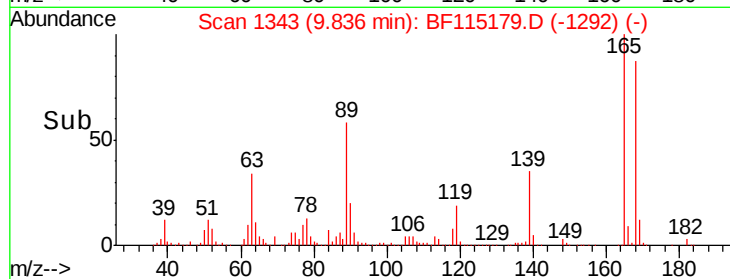
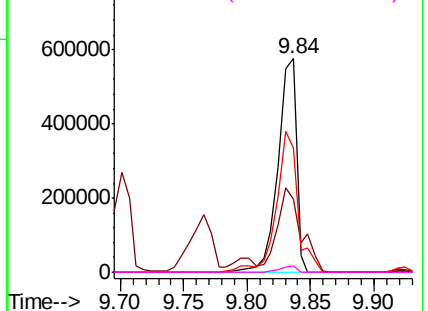
Tot Ion	Ratio	Resp	Lower	Upper
165	100	577496		
63	34.4	27.5	41.3	
89	58.2	49.9	74.9	
182	2.7	2.1	3.1	

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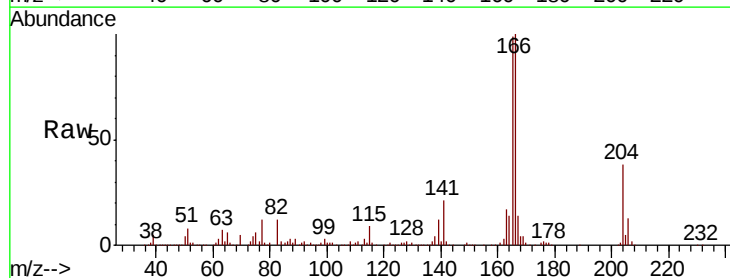


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

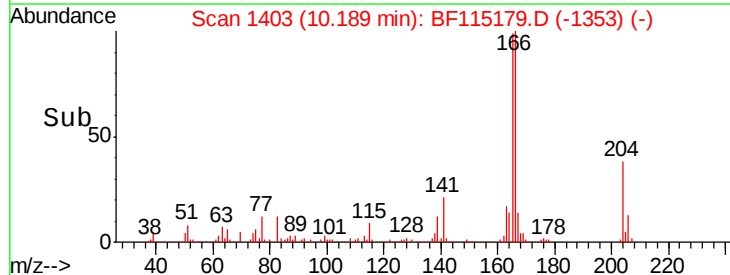
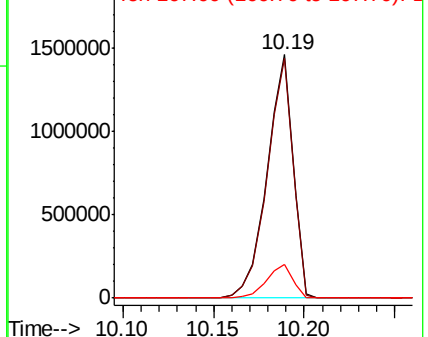


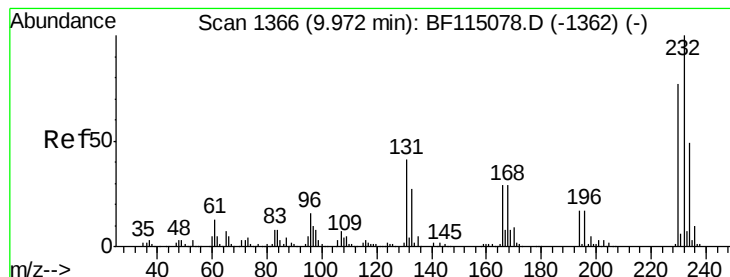
#58
 Fluorene
 Concen: 43.083 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1451551		
165	98.6	76.5	114.7	
167	13.8	11.0	16.4	



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





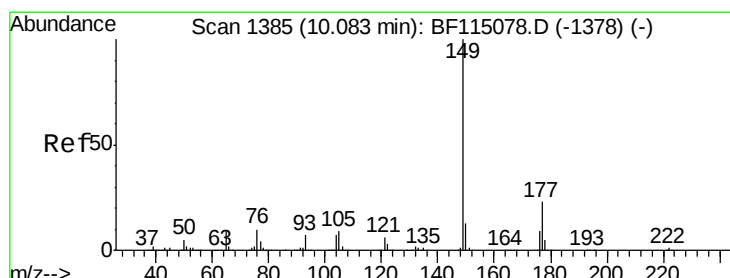
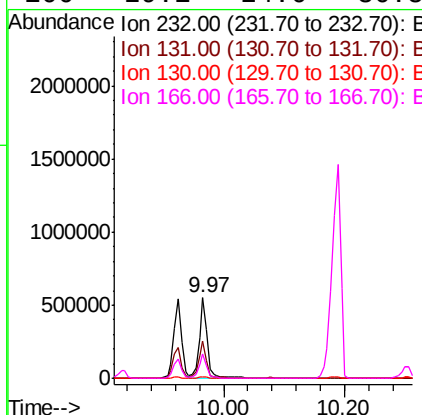
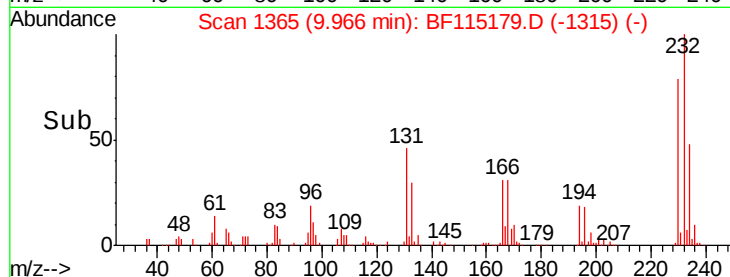
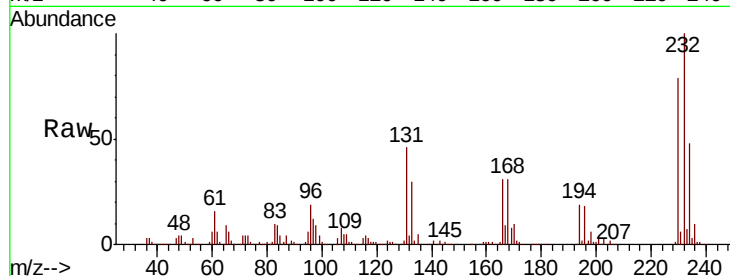
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.165 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.4	56.0
130	2.2	1.8	2.6
166	29.1	24.6	36.8

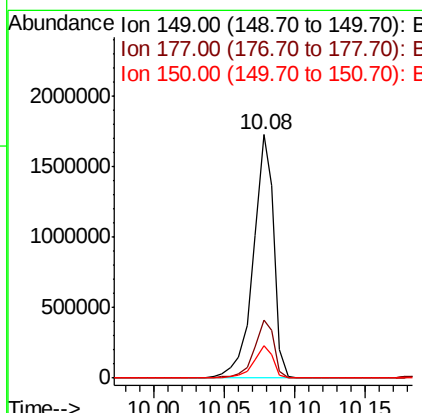
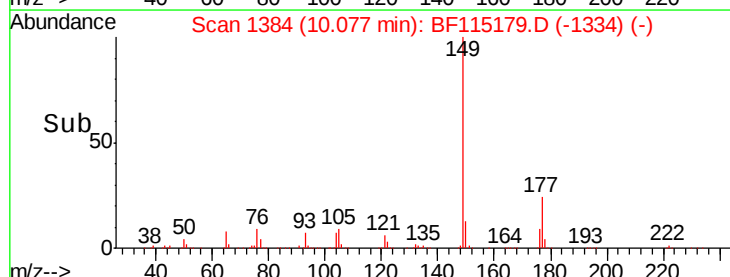
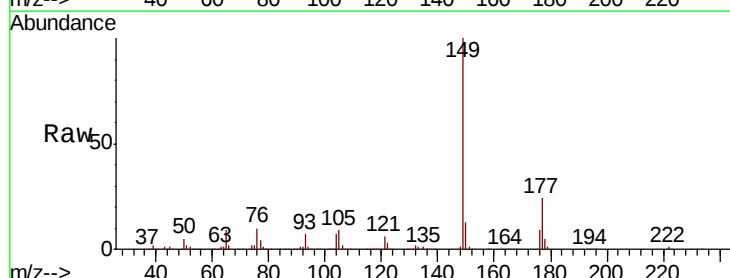
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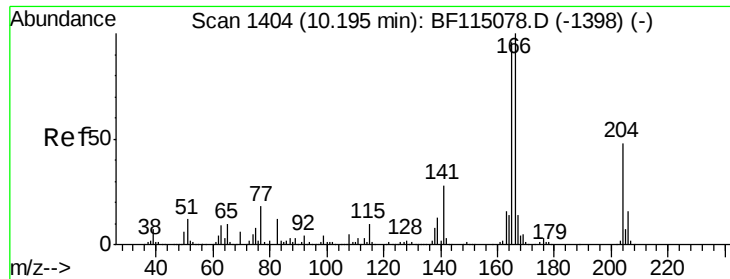
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#60
 Diethylphthalate
 Concen: 42.737 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.3	10.4	15.6





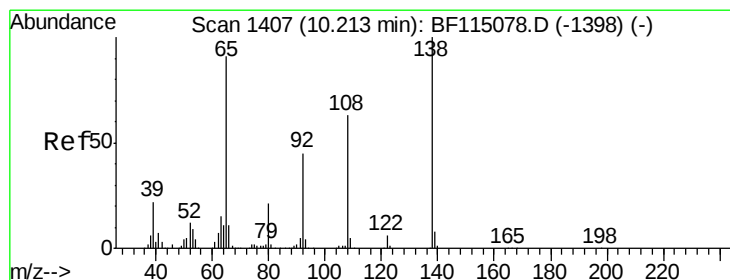
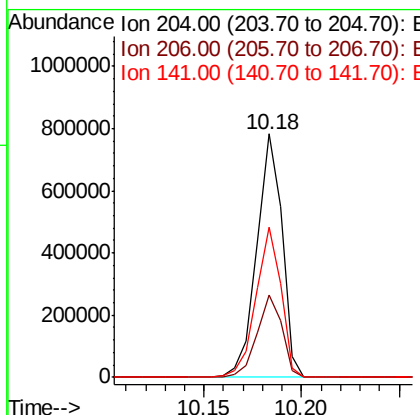
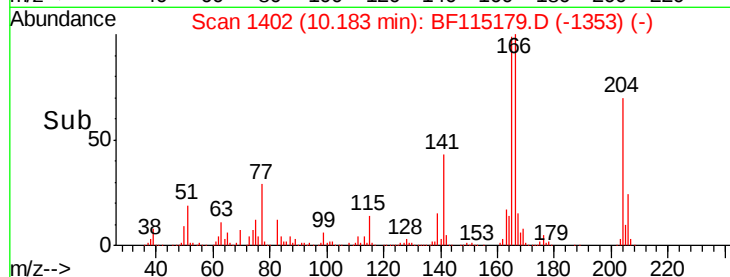
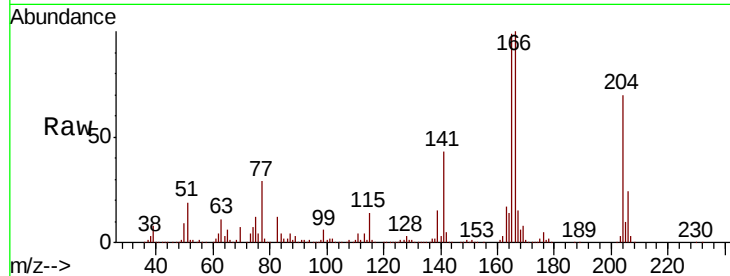
#61
4-Chlorophenyl-phenylether
Concen: 44.258 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampled :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	40.0
141	61.8	46.7	70.1

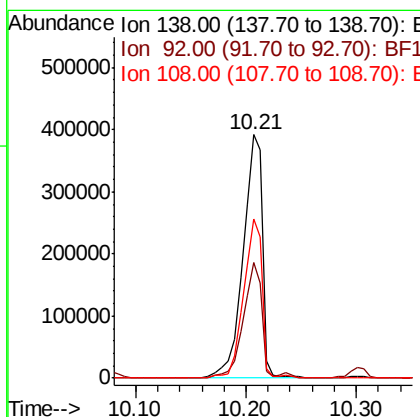
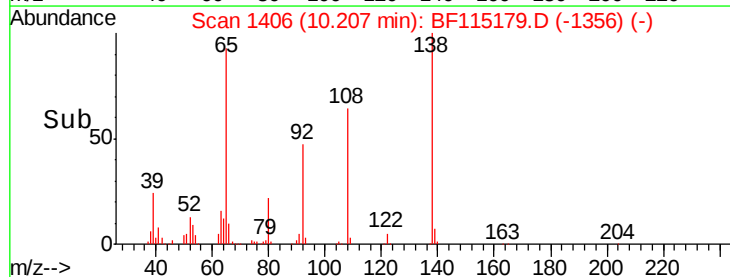
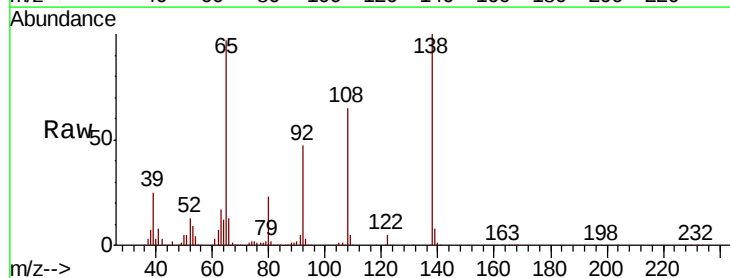
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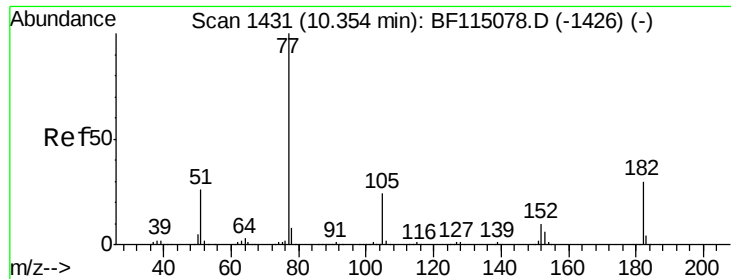
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#62
4-Nitroaniline
Concen: 42.083 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	24.8	64.8
108	65.1	43.3	83.3





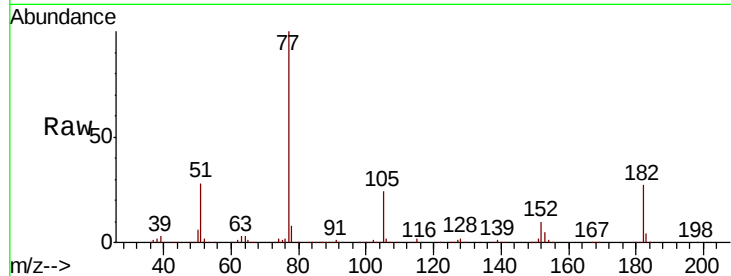
#63
Azobenzene
Concen: 42.326 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	10.1	50.1
105	24.1	4.5	44.5
51	27.8	6.4	46.4

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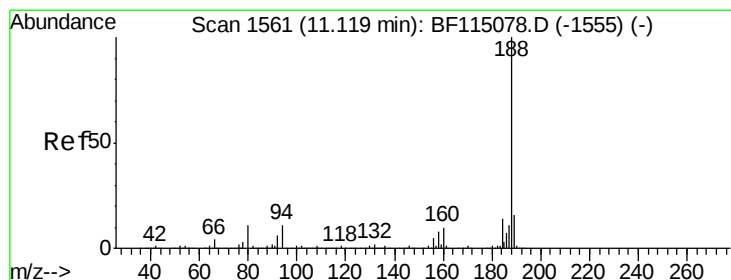
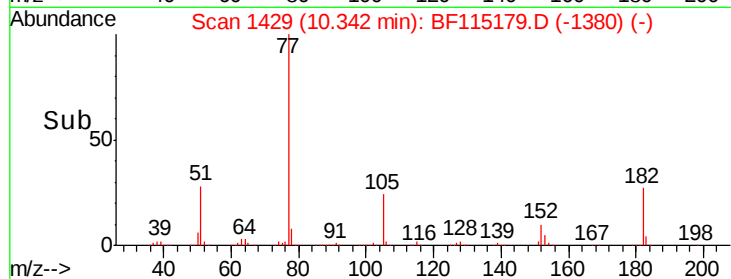
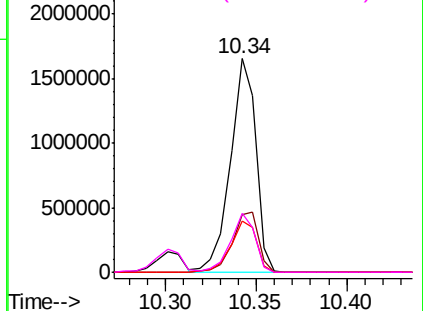
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

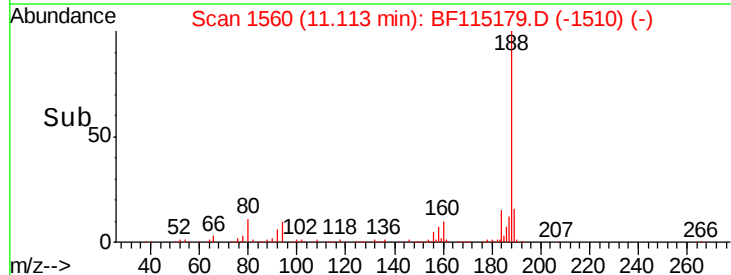
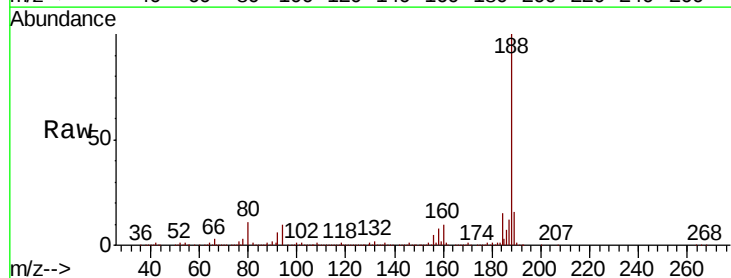
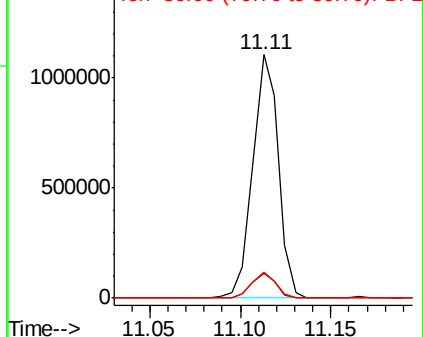
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	12.8
80	10.9	8.8	13.2

Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





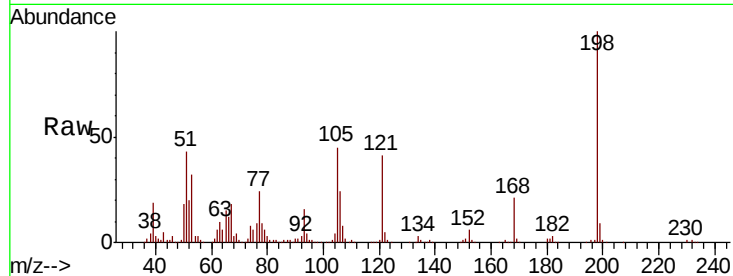
#65
4,6-Dinitro-2-methylphenol
Concen: 49.386 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	285562		
51	42.8	11.0	51.0	
105	45.4	17.3	57.3	

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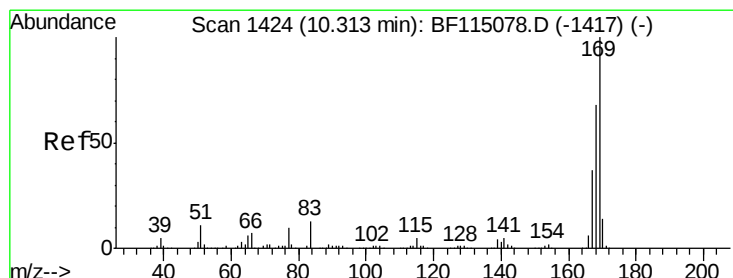
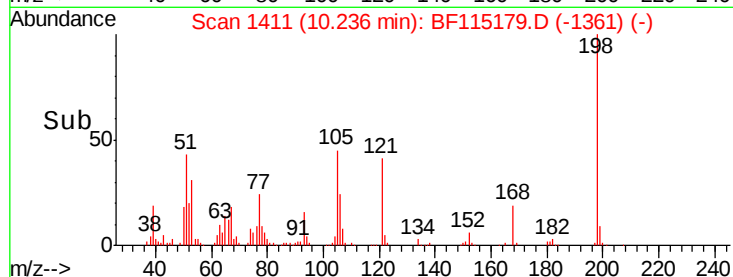
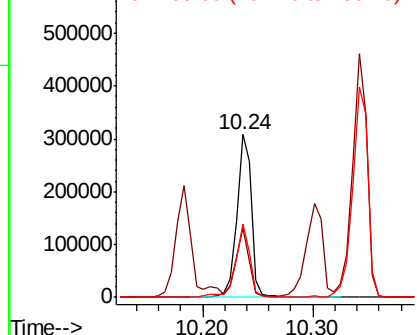


Abundance

Ion 198.00 (197.70 to 198.70): E

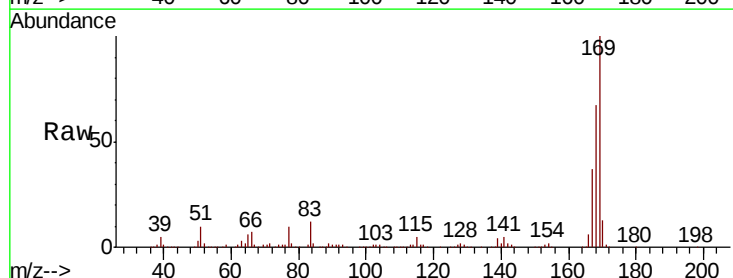
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.936 ng
RT: 10.31 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1482743		
168	67.4	54.2	81.4	
167	37.2	29.4	44.0	

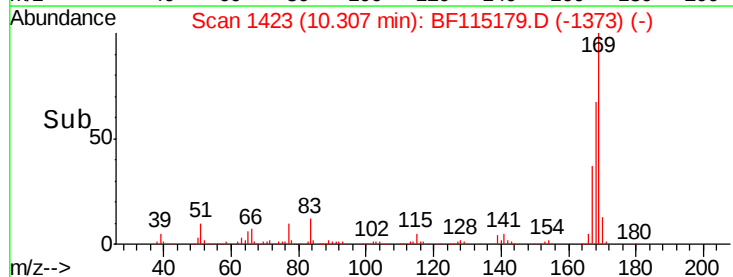
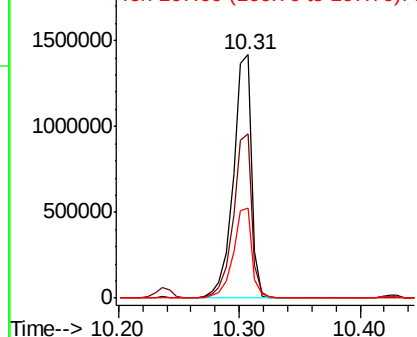


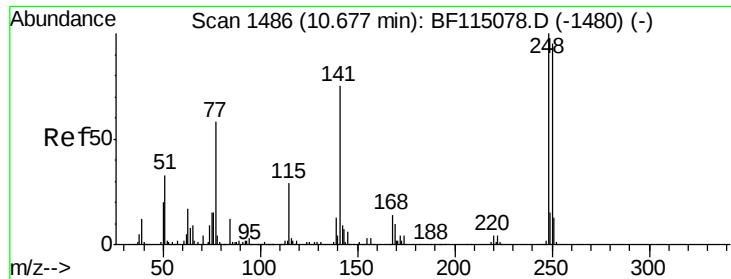
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.253 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

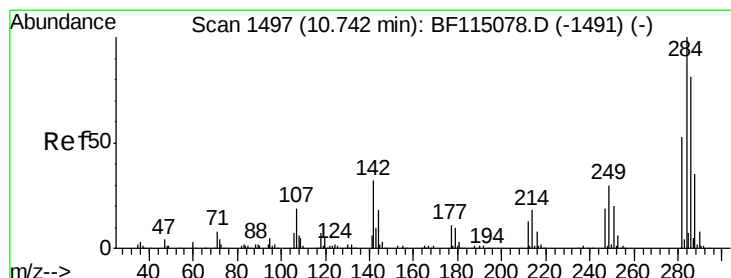
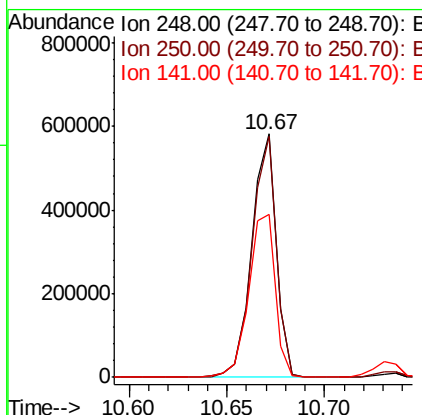
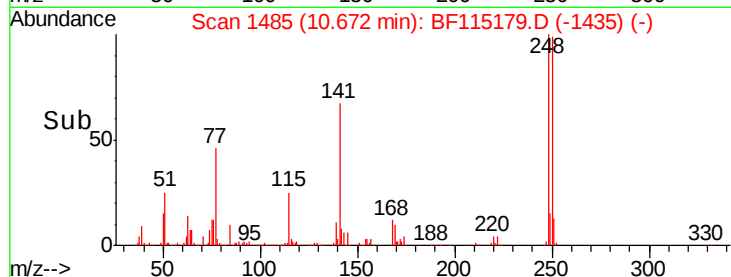
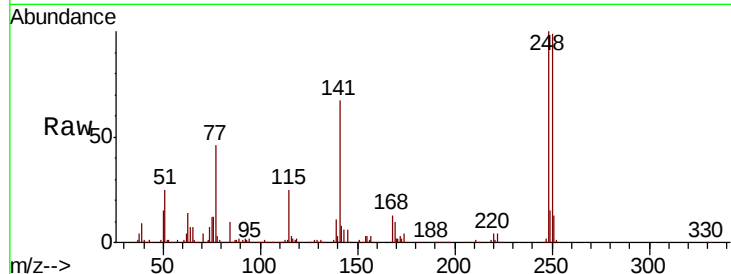
ClientSampleId :

PB120877BSD

Tot Ion:	248	Resp:	507976
Ion Ratio	Lower	Upper	
248	100		
250	98.8	76.2	114.2
141	67.1	59.6	89.4

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#68

Hexachlorobenzene

Concen: 43.961 ng

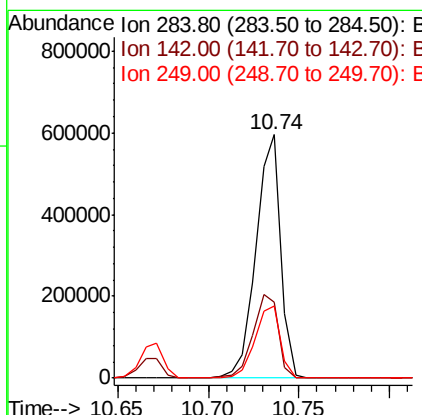
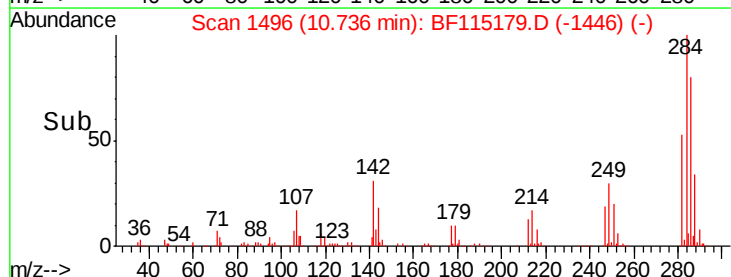
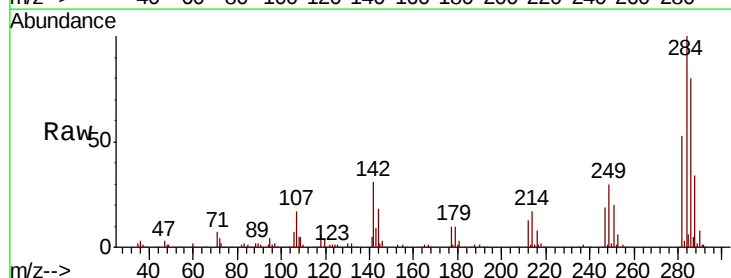
RT: 10.74 min Scan# 1496

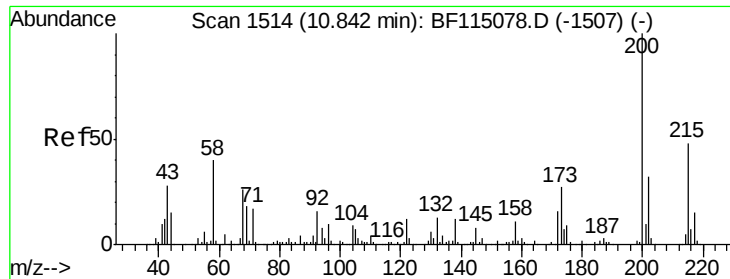
Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:	284	Resp:	560409
Ion Ratio	Lower	Upper	
284	100		
142	31.0	25.8	38.8
249	29.8	24.2	36.4





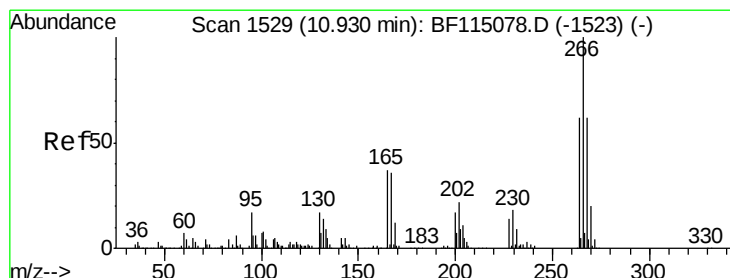
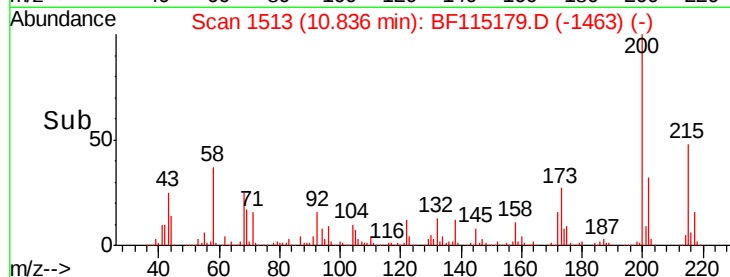
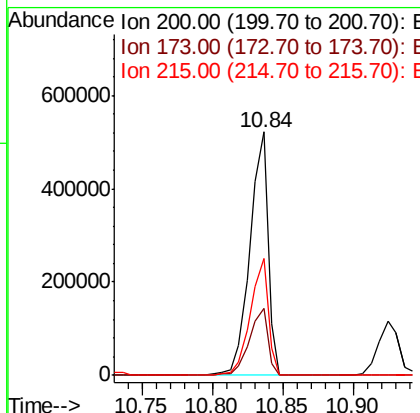
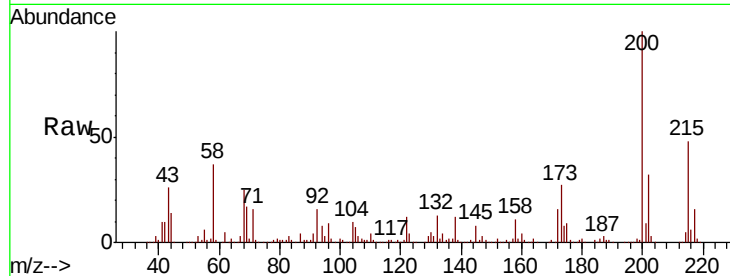
#69
Atrazine
Concen: 43.755 ng
RT: 10.84 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	7.4	47.4
215	47.8	27.8	67.8

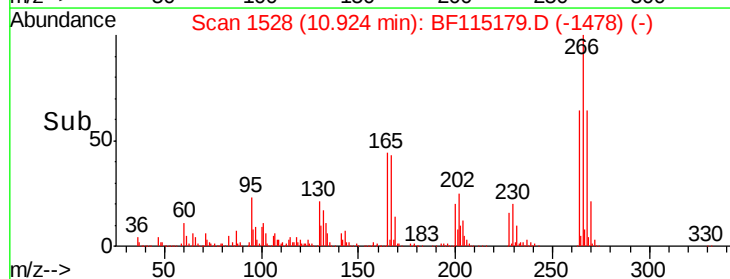
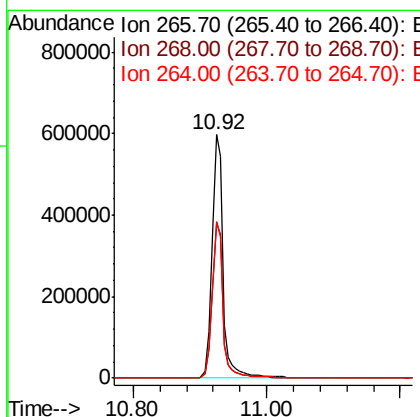
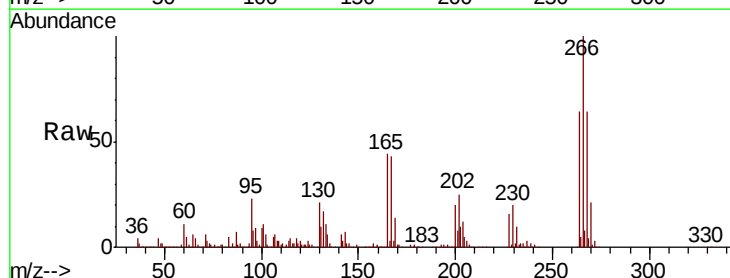
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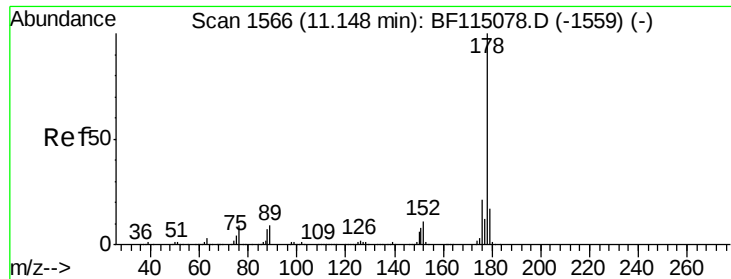
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#70
Pentachlorophenol
Concen: 85.987 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	49.5	74.3
264	64.4	49.3	73.9





#71

Phenanthrene

Concen: 40.209 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tot Ion:178 Resp: 2345101

Ion Ratio Lower Upper

178 100

176 21.6 16.9 25.3

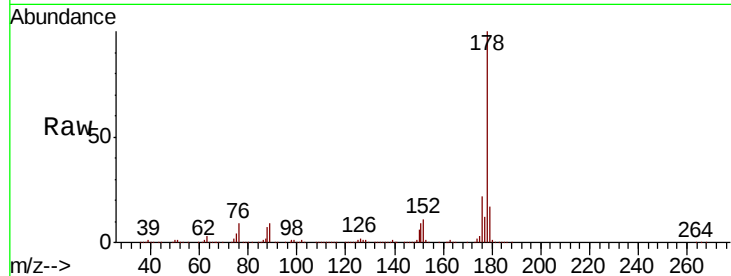
179 16.8 13.2 19.8

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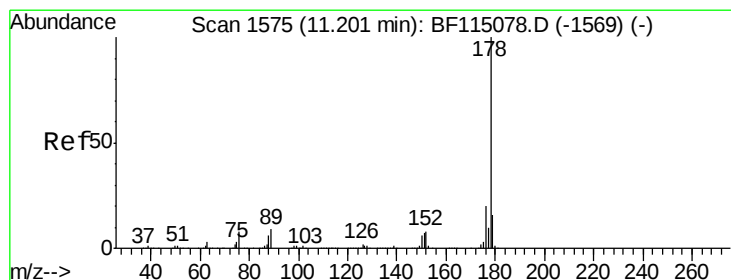
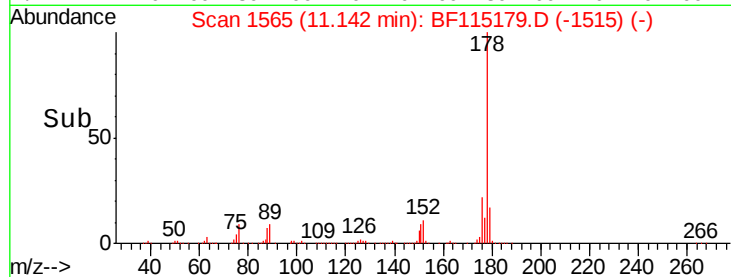
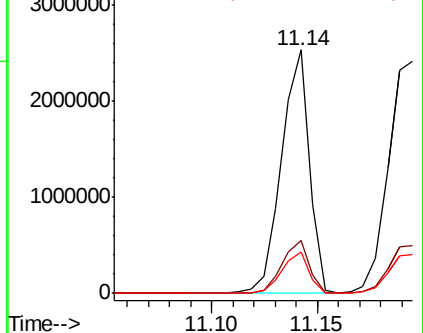
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.732 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Tgt Ion:178 Resp: 2456884

Ion Ratio Lower Upper

178 100

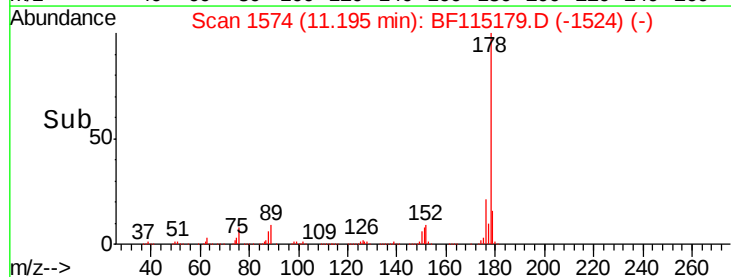
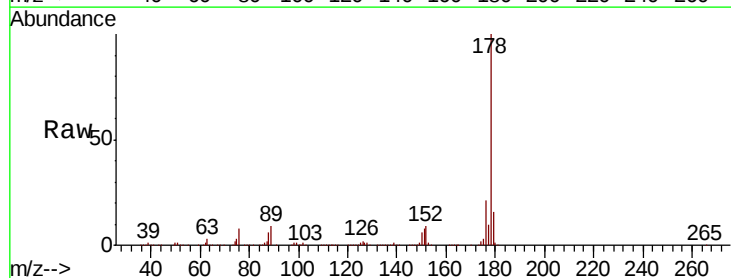
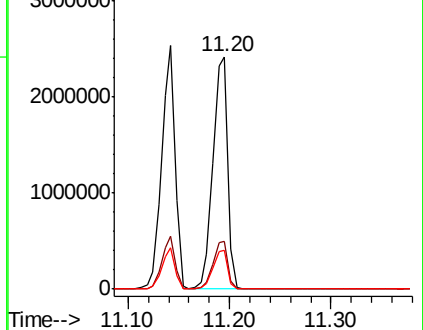
176 20.6 16.1 24.1

179 16.4 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





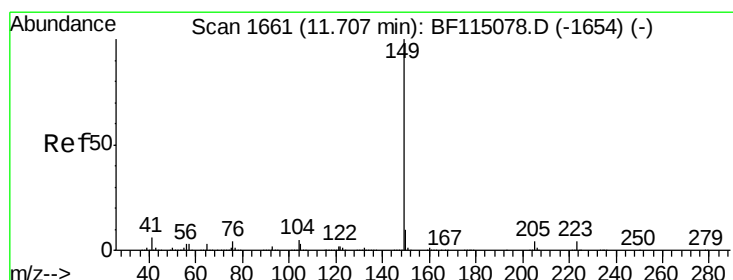
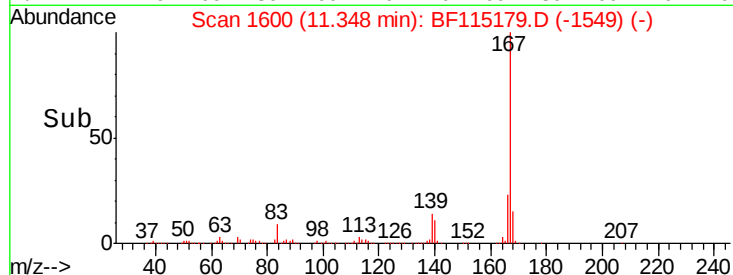
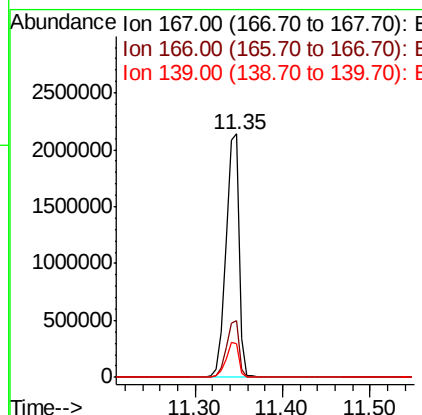
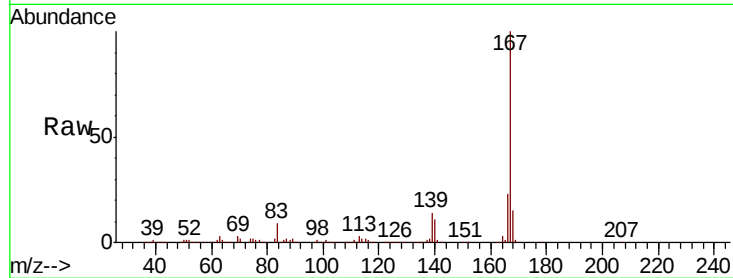
#73
 Carbazole
 Concen: 42.515 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampled :
 PB120877BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	13.9	11.1	16.7

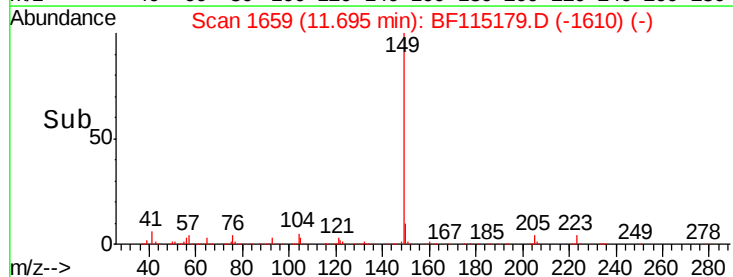
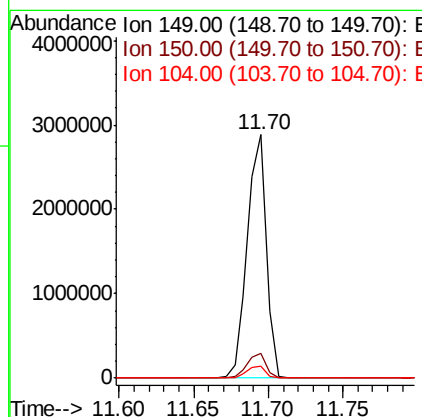
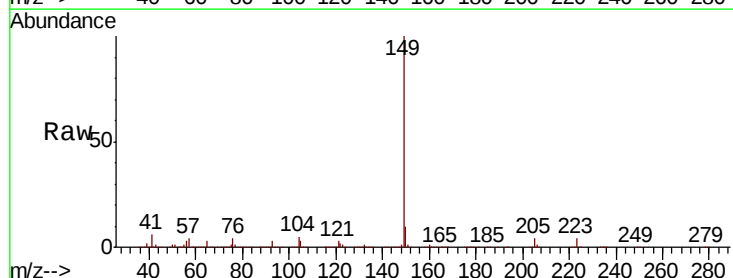
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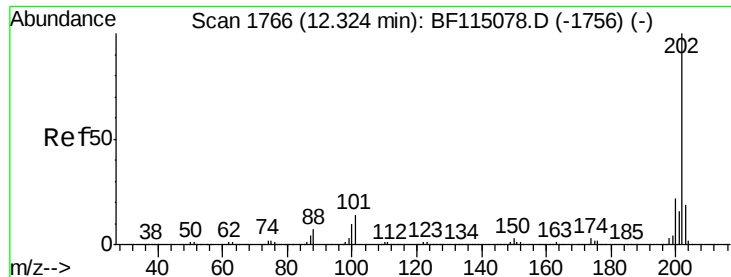
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.089 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.0	3.7	5.5





#75

Fluoranthene

Concen: 42.774 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

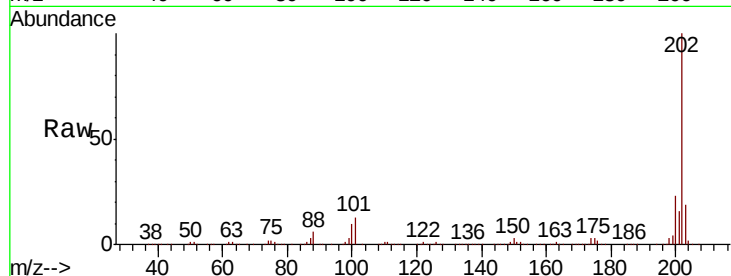
ClientSampleId :

PB120877BSD

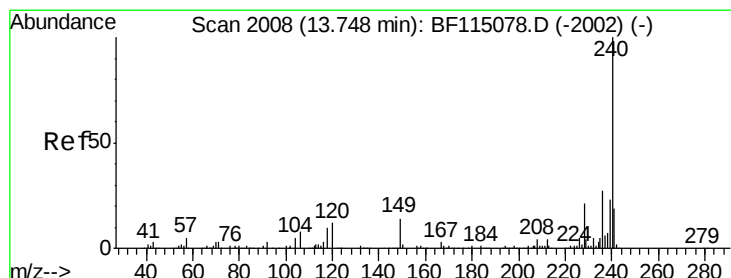
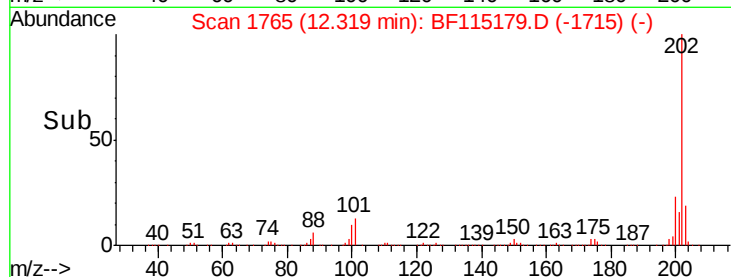
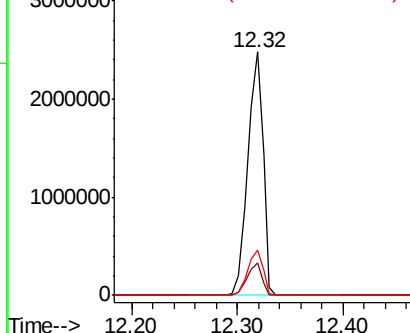
Tot Ion:	202	Resp:	2489073
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.0
203	18.6	0.0	38.8

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6/26/2019 2:03:07 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

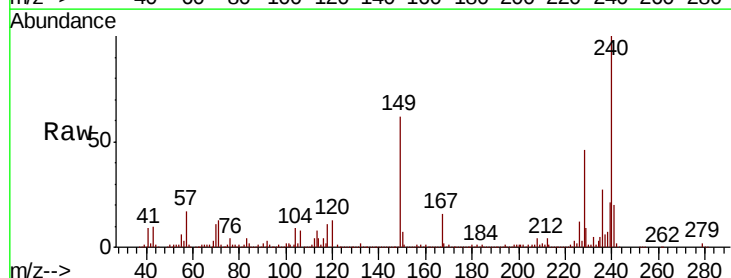
RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

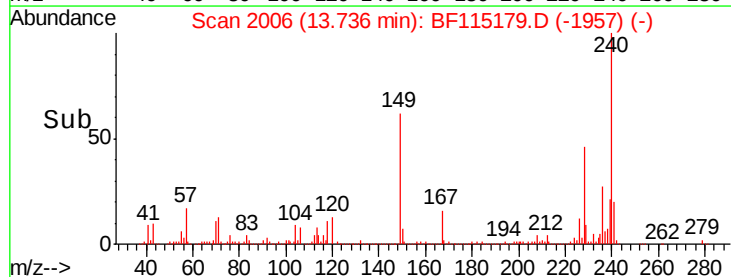
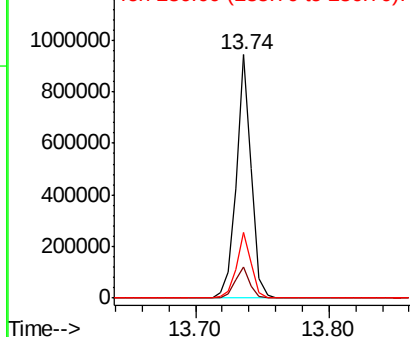
Lab File: BF115179.D

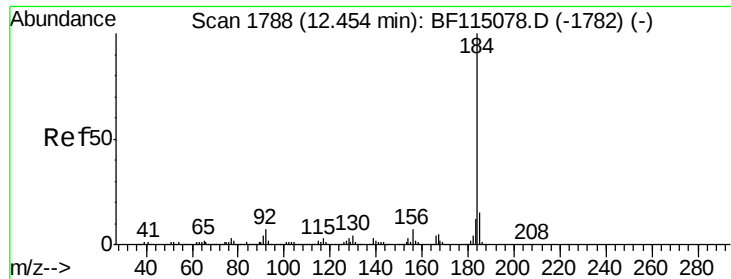
Acq: 25 Jun 2019 10:17

Tgt Ion:	240	Resp:	735544
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.4	14.2
236	27.2	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.474 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

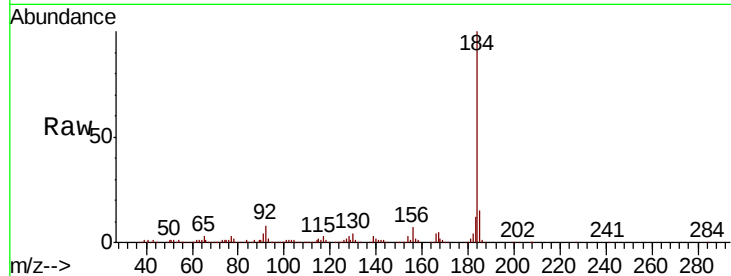
ClientSampleId :

PB120877BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.6	9.6	14.4

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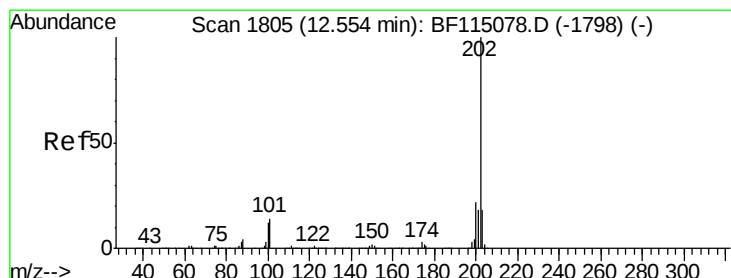
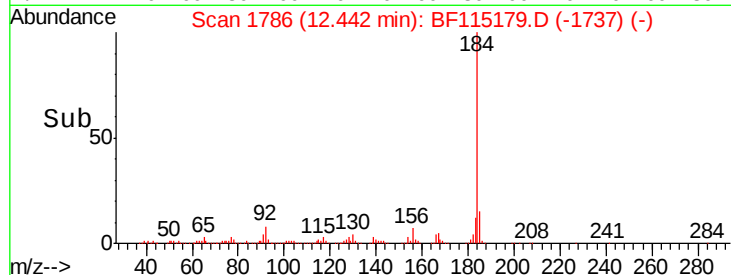
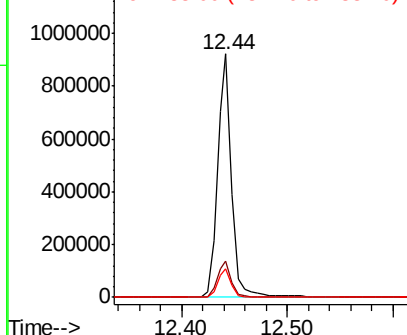


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.306 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

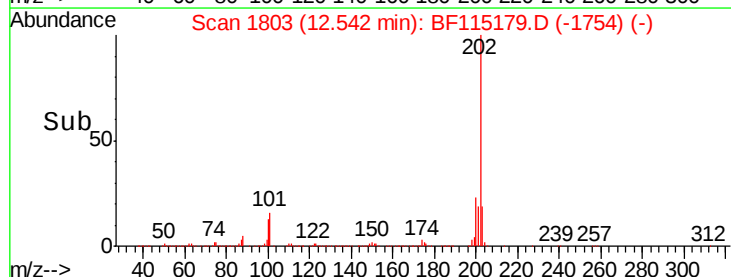
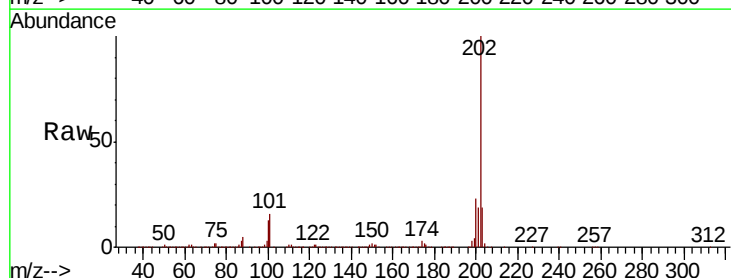
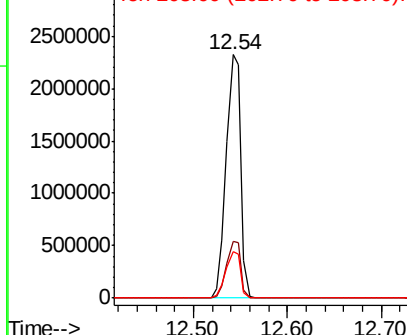
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.9	26.9
203	19.3	14.6	21.8

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





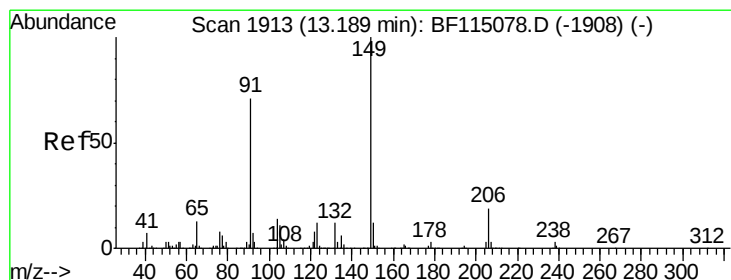
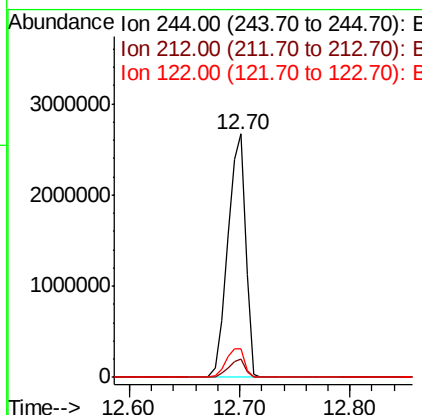
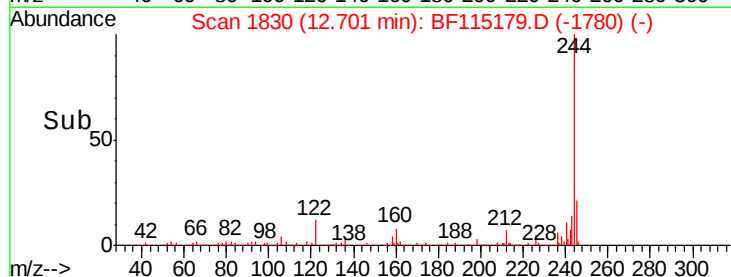
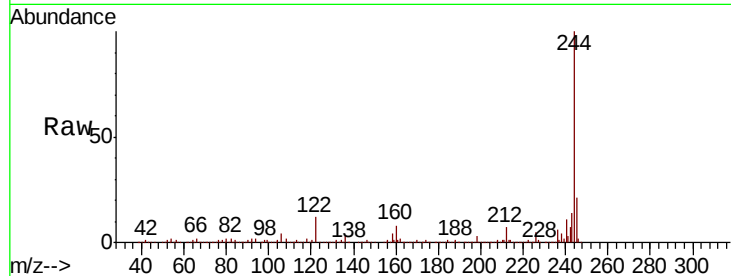
#79
 Terphenyl-d14
 Concen: 87.151 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	11.7	10.4	15.6

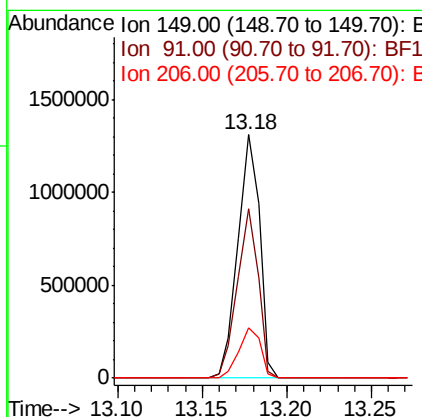
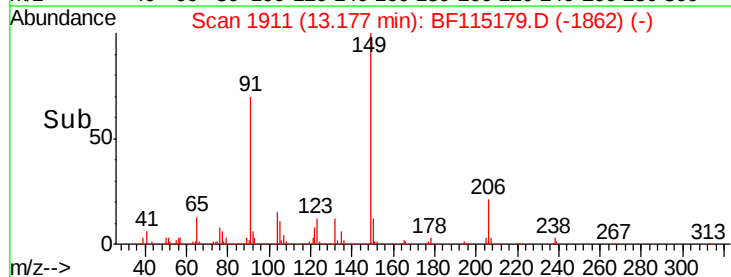
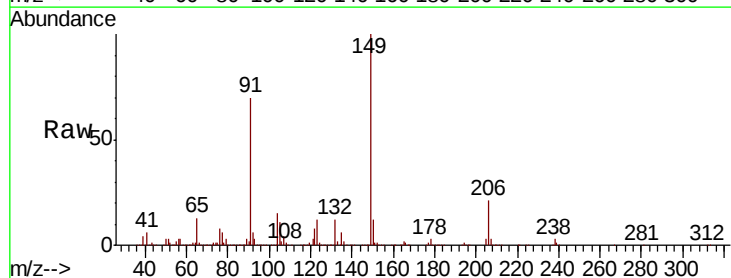
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#80
 Butylbenzylphthalate
 Concen: 47.283 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.5	84.7
206	20.5	15.3	22.9





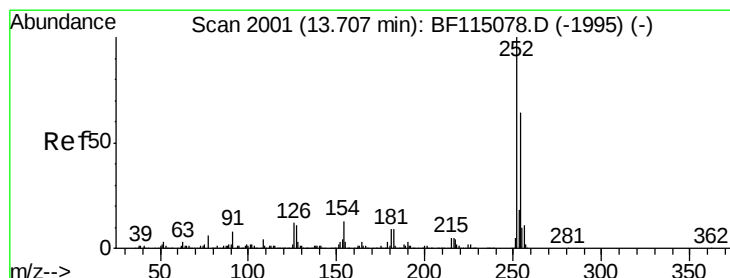
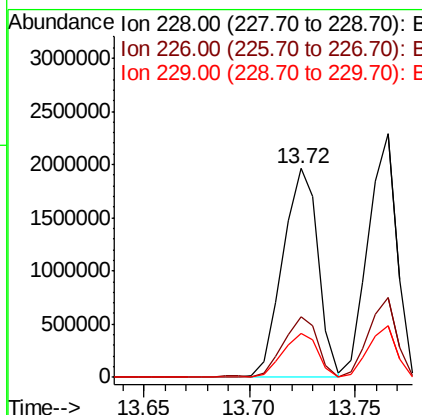
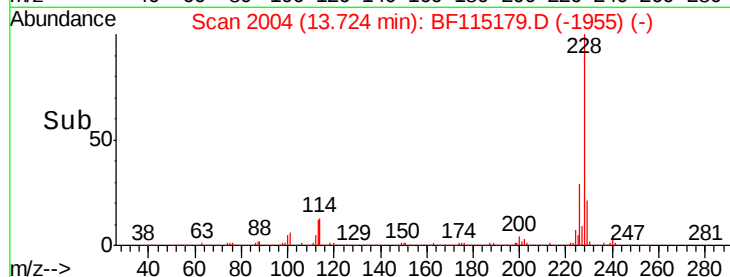
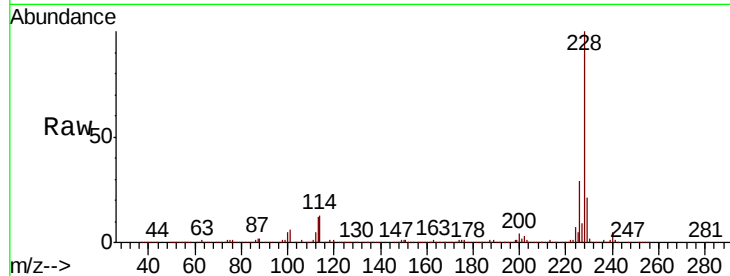
#81
Benzo(a)anthracene
Concen: 43.299 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	20.9	16.6	24.8

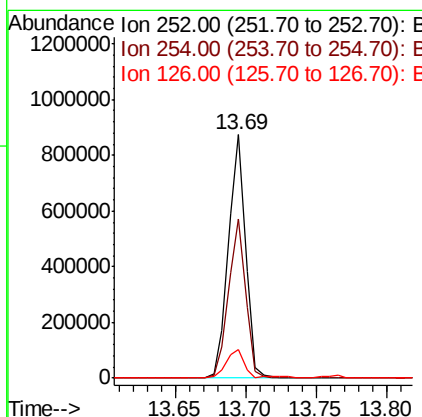
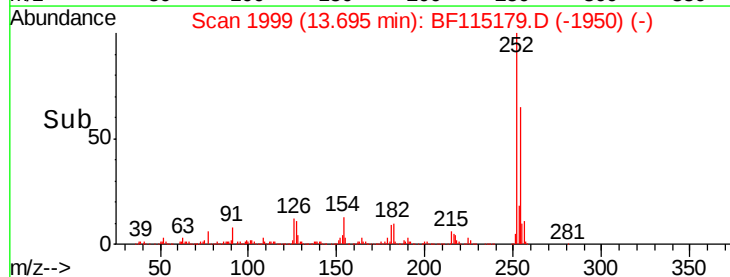
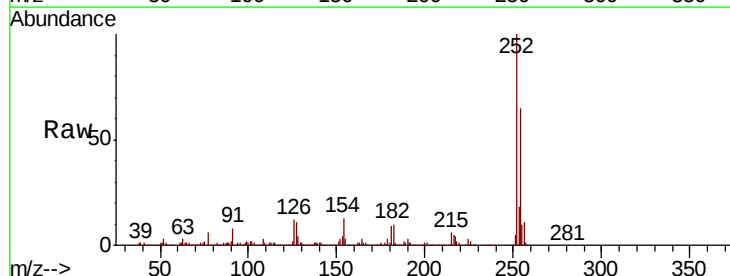
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#82
3,3'-Dichlorobenzidine
Concen: 38.940 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.1	76.7
126	11.7	9.4	14.0





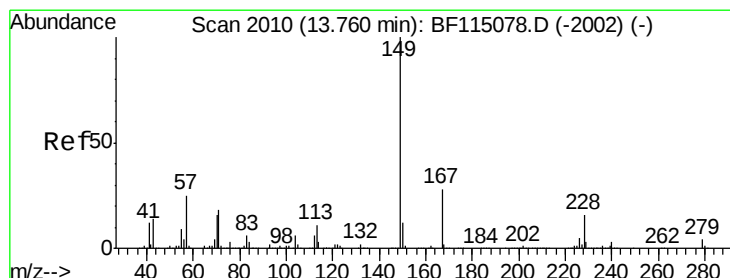
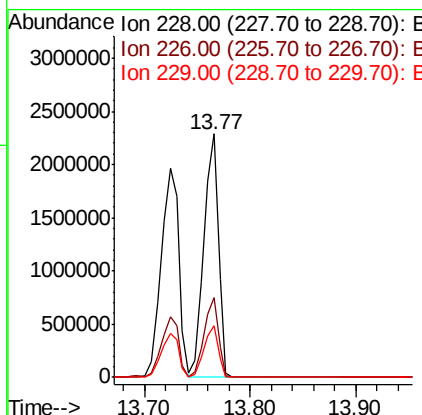
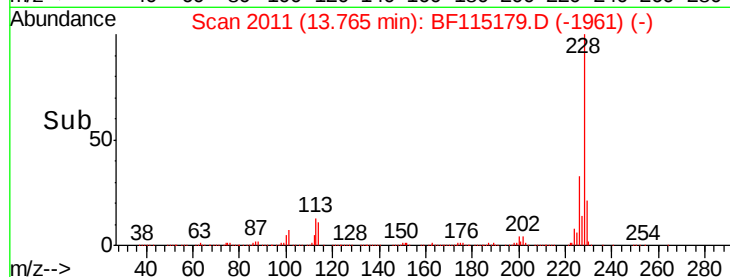
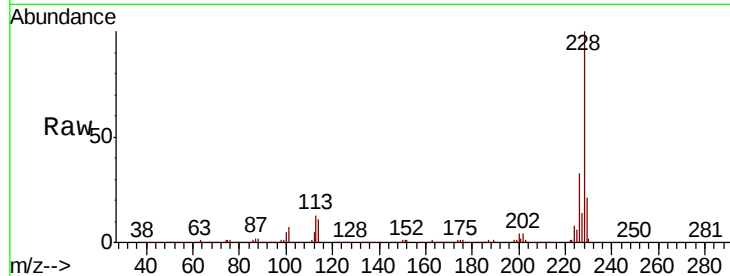
#83
 Chrysene
 Concen: 45.177 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.0
229	21.4	16.5	24.7

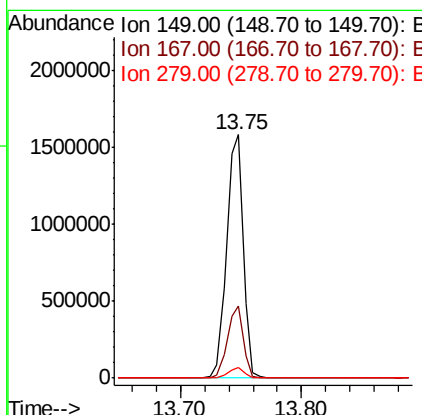
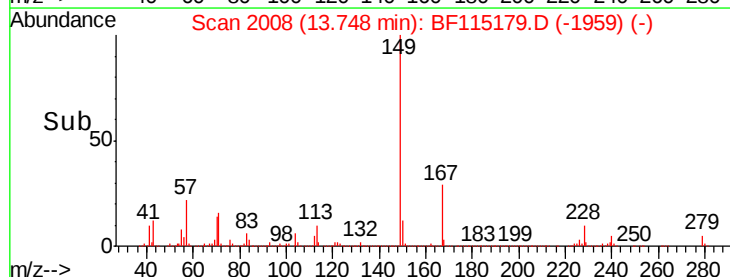
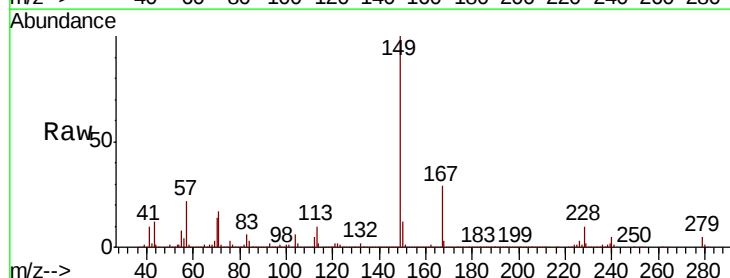
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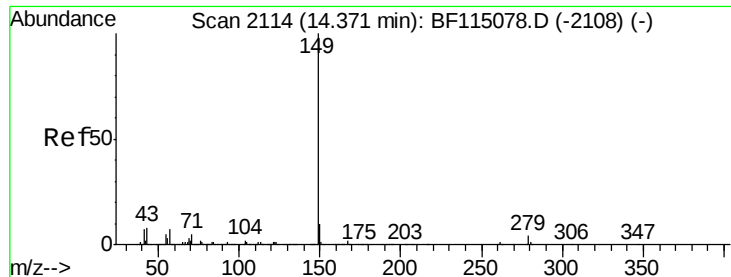
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.169 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF115179.D
 Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.2	33.4
279	4.5	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 47.151 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tot Ion:149 Resp: 2589522

Ion Ratio Lower Upper

149 100

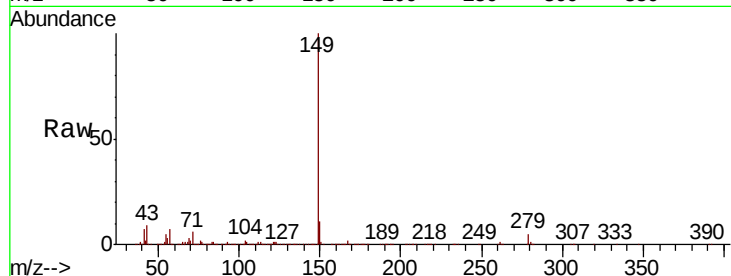
167 1.7 1.2 1.8

43 8.7 7.0 10.6

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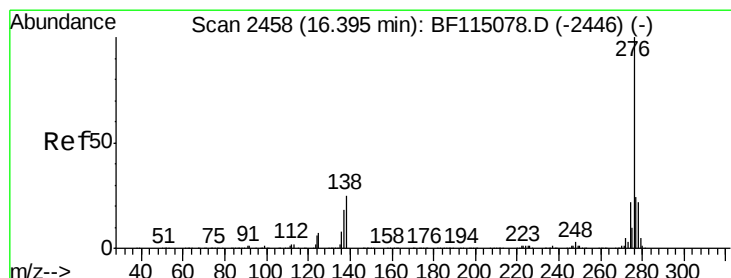
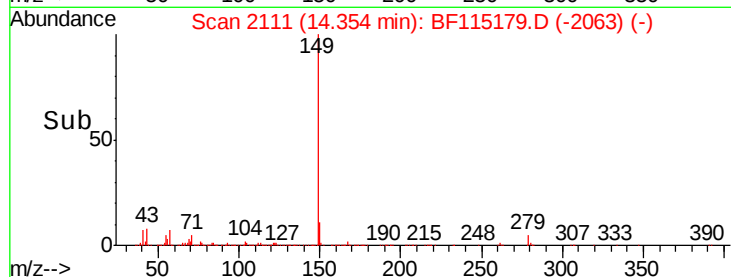
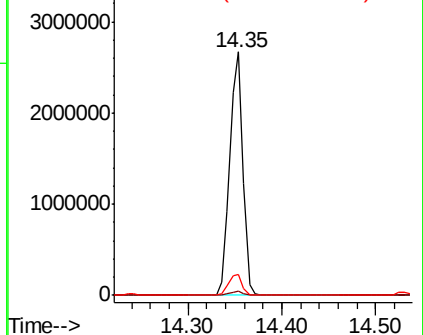
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 46.006 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

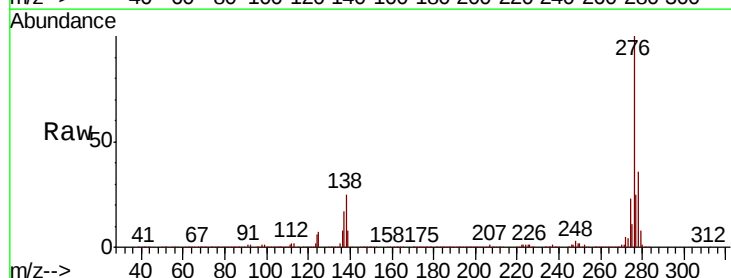
Tgt Ion:276 Resp: 2631896

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

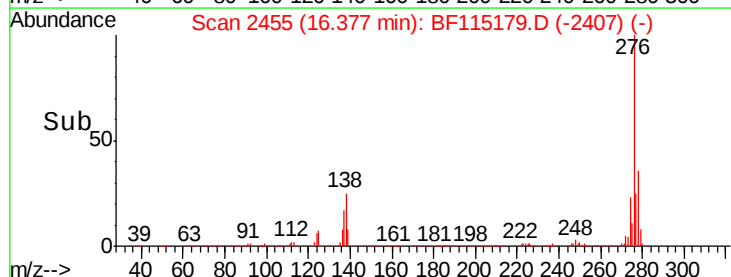
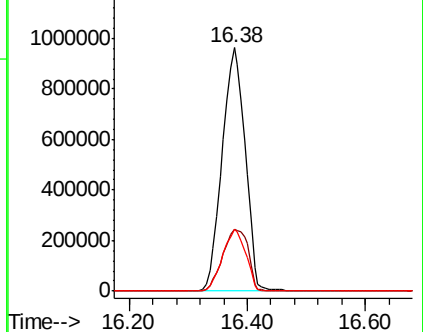
277 25.6 20.1 30.1

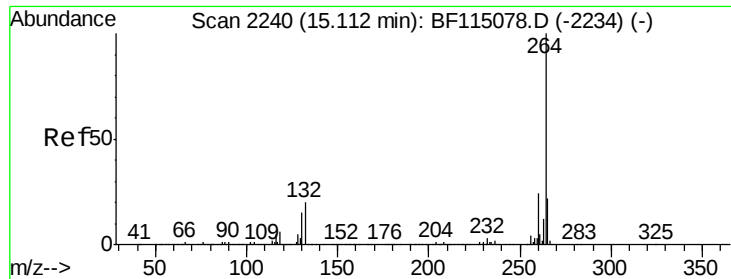


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





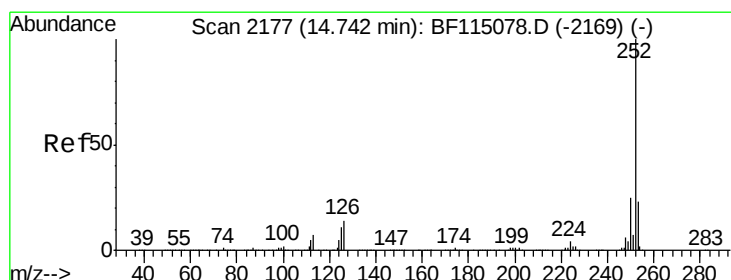
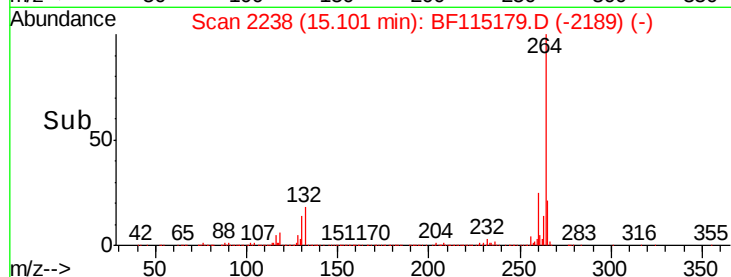
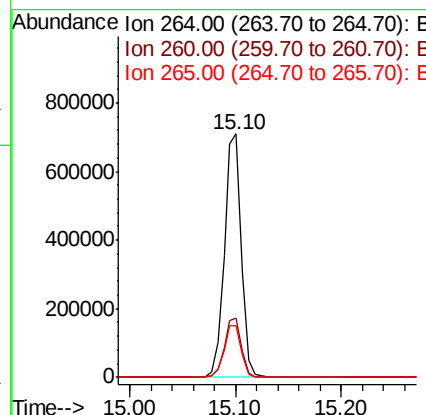
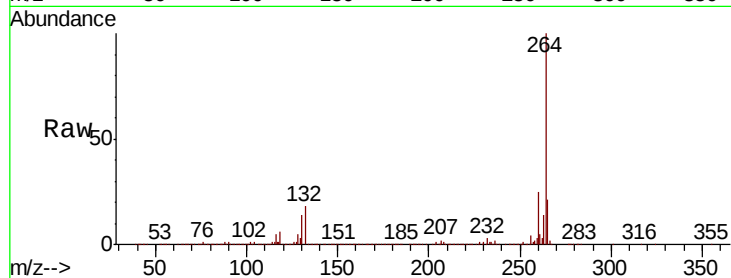
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion:	264	Resp:	794813
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	21.2	17.3	25.9

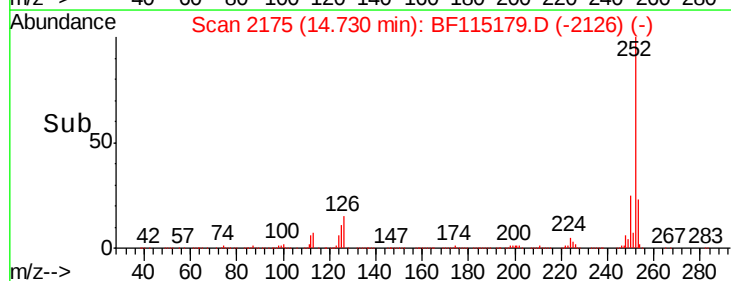
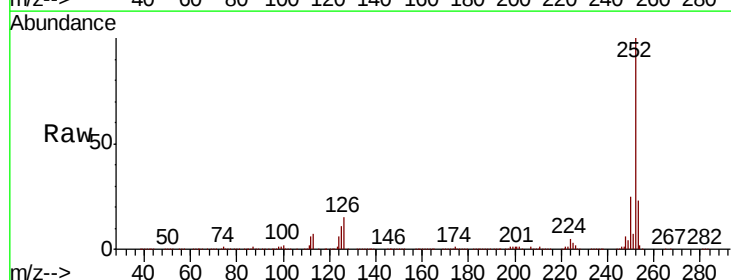
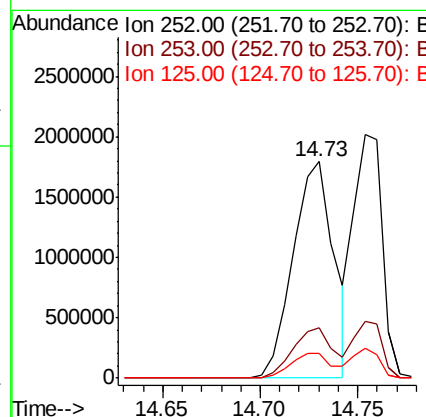
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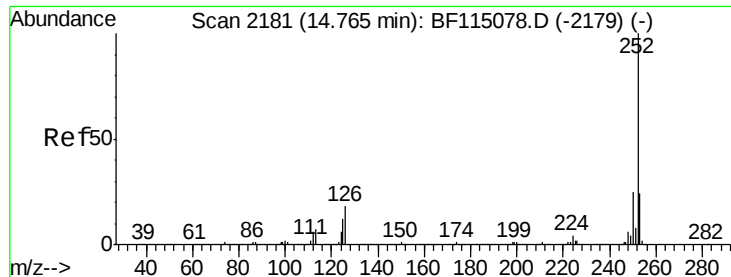
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#88
Benzo(b)fluoranthene
Concen: 52.310 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion:	252	Resp:	2594248
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	11.2	8.7	13.1





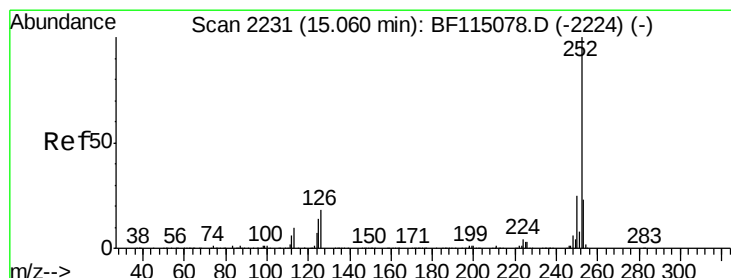
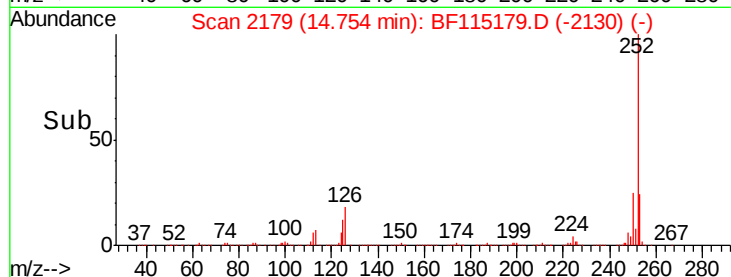
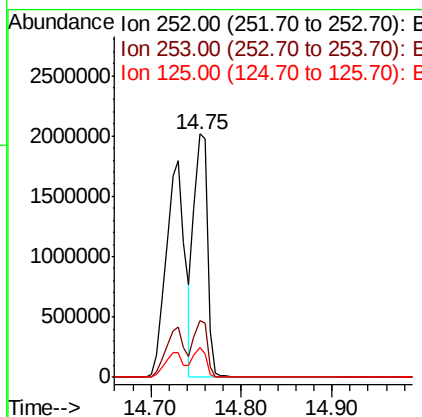
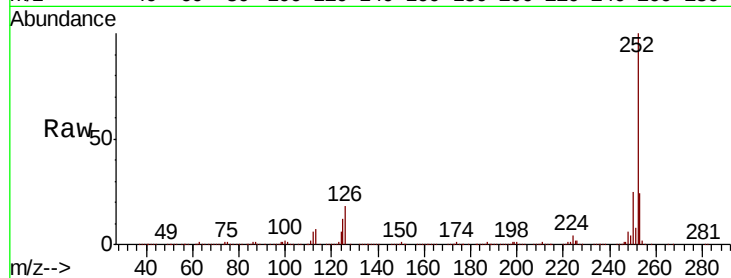
#89
Benzo(k)fluoranthene
Concen: 46.460 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB120877BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	12.4	10.2	15.2

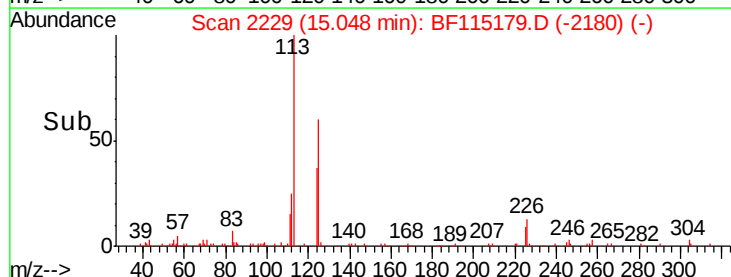
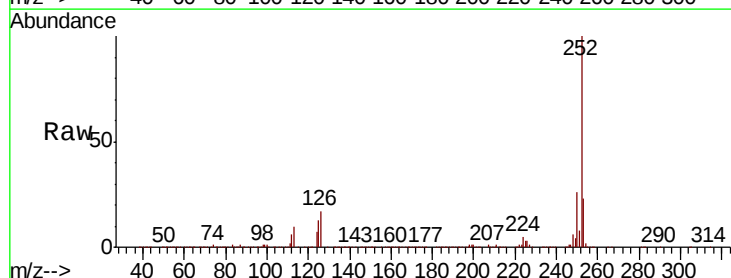
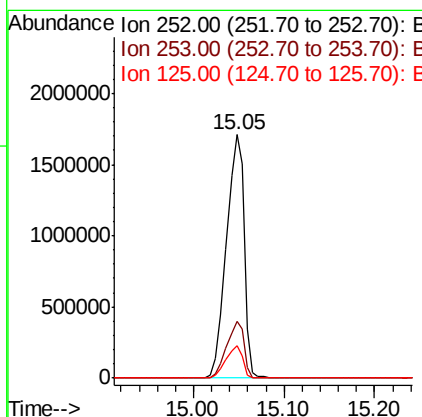
Manual Integrations
APPROVED

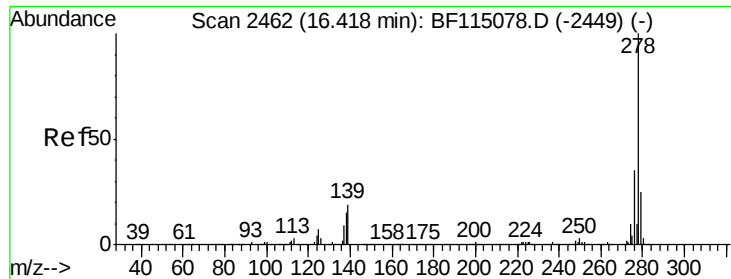
mohammad
6/26/2019 2:03:07 PM



#90
Benzo(a)pyrene
Concen: 51.867 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115179.D
Acq: 25 Jun 2019 10:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	13.2	10.9	16.3





#91

Dibenzo(a,h)anthracene

Concen: 51.325 ng

RT: 16.40 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB120877BSD

Tot Ion:278 Resp: 2141798

Ion Ratio Lower Upper

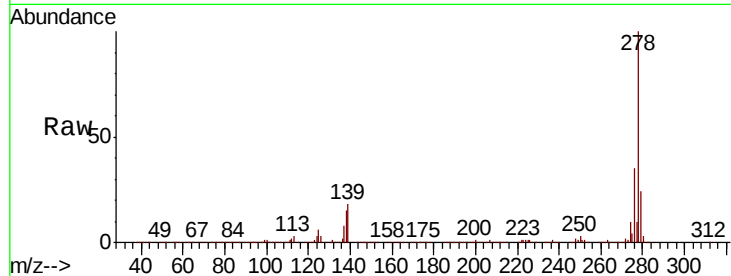
278 100

139 17.8 15.4 23.2

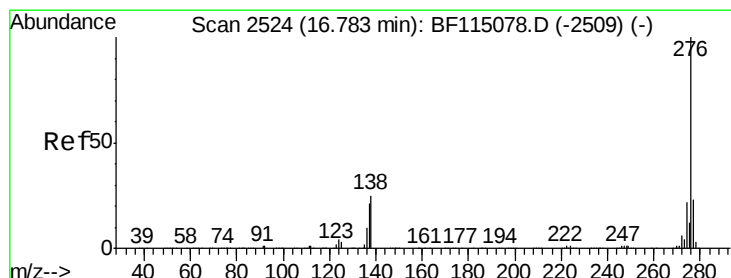
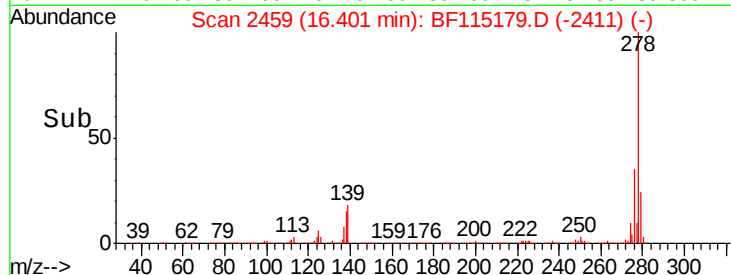
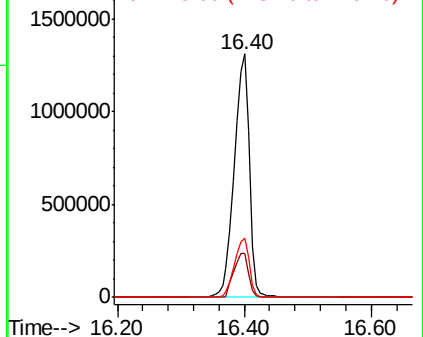
279 24.3 19.9 29.9

Manual Integrations
APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 52.008 ng

RT: 16.77 min Scan# 2521

Delta R.T. -0.02 min

Lab File: BF115179.D

Acq: 25 Jun 2019 10:17

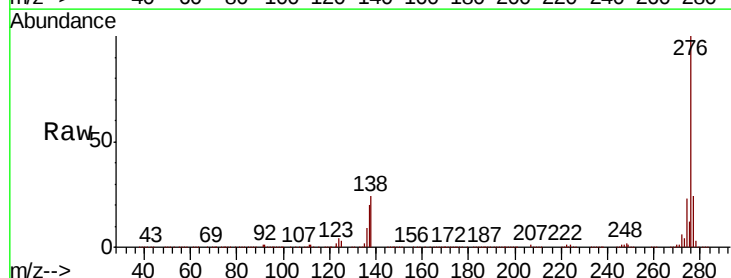
Tgt Ion:276 Resp: 2196615

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 23.8 19.8 29.6



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

