

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115764.D
 Acq On : 25 Jul 2019 18:13
 Operator : HP/JU
 Sample : K3990-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Quant Time: Jul 26 05:47:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136733	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	532035	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	297433	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	554750	20.00	ng	0.00
76) Chrysene-d12	14.03	240	432703	20.00	ng	0.00
87) Perylene-d12	15.50	264	439801	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	786685	94.11	ng	0.00
7) Phenol-d6	6.50	99	1038192	97.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	646909	70.70	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	313297	90.24	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1183251	69.63	ng	0.00
79) Terphenyl-d14	12.97	244	1483371	63.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	115113	27.607	ng	99
3) Pyridine	3.46	79	78871	6.972	ng	97
4) n-Nitrosodimethylamine	3.36	42	137945	33.612	ng	99
6) Aniline	6.53	93	335988	22.762	ng	98
8) 2-Chlorophenol	6.66	128	317193	33.004	ng	95
9) Benzaldehyde	6.42	77	205339	30.979	ng	99
10) Phenol	6.52	94	418583	33.995	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	300795	32.086	ng	96
12) 1,3-Dichlorobenzene	6.81	146	341878	31.639	ng	98
13) 1,4-Dichlorobenzene	6.89	146	345906	32.084	ng	98
14) 1,2-Dichlorobenzene	7.04	146	327551	33.235	ng	99
15) Benzyl Alcohol	7.01	79	276218	32.827	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	410939	33.296	ng	100
17) 2-Methylphenol	7.12	107	271219	32.746	ng	100
18) Hexachloroethane	7.39	117	123463	30.853	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	220342	31.852	ng	99
20) 3+4-Methylphenols	7.27	107	325539	33.090	ng	95
22) Acetophenone	7.27	105	431571	35.906	ng	99
24) Nitrobenzene	7.45	77	352288	35.697	ng	98
25) Isophorone	7.69	82	633057	34.576	ng	98
26) 2-Nitrophenol	7.77	139	170656	33.596	ng	95
27) 2,4-Dimethylphenol	7.80	122	285026	37.501	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	394308	35.105	ng	99
29) 2,4-Dichlorophenol	8.01	162	281101	35.562	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	297541	33.301	ng	99
31) Naphthalene	8.17	128	931609	36.156	ng	99
32) Benzoic acid	7.88	122	41457	6.646	ng	99
33) 4-Chloroaniline	8.22	127	280239	24.554	ng	99
34) Hexachlorobutadiene	8.29	225	166532	32.501	ng	99
35) Caprolactam	8.61	113	28538	11.684	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	300890	36.697	ng	97
37) 2-Methylnaphthalene	8.86	142	637858	37.346	ng	100
38) 1-Methylnaphthalene	8.96	142	591916	36.486	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	287872	32.140	ng	100

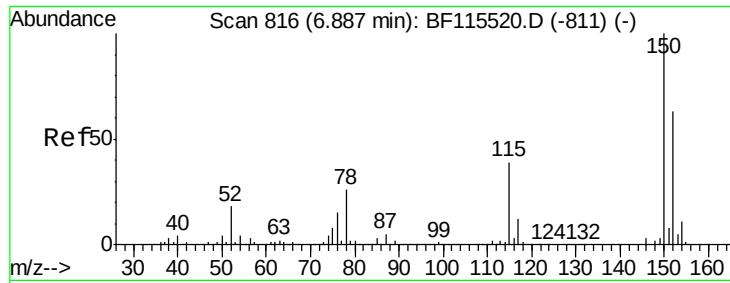
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	210716	41.242	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	196872	30.057	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	213973	31.899	ng	96
46) 1,1'-Biphenyl	9.33	154	778199	33.467	ng	99
47) 2-Chloronaphthalene	9.35	162	611471	31.582	ng	99
48) 2-Nitroaniline	9.45	65	198513	33.126	ng	95
49) Acenaphthylene	9.77	152	964366	33.614	ng	99
50) Dimethylphthalate	9.63	163	984909	44.012	ng	100
51) 2,6-Dinitrotoluene	9.69	165	165067	32.458	ng	97
52) Acenaphthene	9.94	154	623923	33.685	ng	99
53) 3-Nitroaniline	9.86	138	158001	27.187	ng	99
54) 2,4-Dinitrophenol	9.97	184	83213	31.870	ng	93
55) Dibenzofuran	10.12	168	870772	33.104	ng	97
56) 4-Nitrophenol	10.02	139	295400	66.658	ng	98
57) 2,4-Dinitrotoluene	10.09	165	224788	34.118	ng	95
58) Fluorene	10.46	166	664312	35.328	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	183303	32.689	ng	98
60) Diethylphthalate	10.33	149	727206	34.683	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	337919	32.405	ng	98
62) 4-Nitroaniline	10.47	138	191355	34.327	ng	98
63) Azobenzene	10.60	77	743441	36.555	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	90586	26.727	ng	93
66) n-Nitrosodiphenylamine	10.56	169	610816	35.397	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	213985	33.754	ng	94
68) Hexachlorobenzene	11.01	284	235517	32.531	ng	# 92
69) Atrazine	11.09	200	205378	36.279	ng	98
70) Pentachlorophenol	11.20	266	242049	54.664	ng	98
71) Phenanthrene	11.42	178	1032379	36.305	ng	100
72) Anthracene	11.47	178	1081593	36.804	ng	99
73) Carbazole	11.62	167	975497	37.853	ng	100
74) Di-n-butylphthalate	11.95	149	1243930	39.187	ng	99
75) Fluoranthene	12.60	202	1115230	37.113	ng	98
77) Benzidine	12.72	184	133265	8.694	ng	98
78) Pyrene	12.83	202	1130395	30.834	ng	100
80) Butylbenzylphthalate	13.45	149	553525	35.419	ng	98
81) Benzo(a)anthracene	14.02	228	957126	33.576	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	337742	33.328	ng	99
83) Chrysene	14.06	228	956859	33.437	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	811158	41.903	ng	100
85) Di-n-octyl phthalate	14.62	149	1336865	43.404	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	958875	39.440	ng	99
88) Benzo(b)fluoranthene	15.07	252	909852	32.128	ng	99
89) Benzo(k)fluoranthene	15.10	252	818941	32.435	ng	99
90) Benzo(a)pyrene	15.44	252	837672	34.415	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	821751	38.456	ng	98
92) Benzo(g,h,i)perylene	17.42	276	763725	35.837	ng	98

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

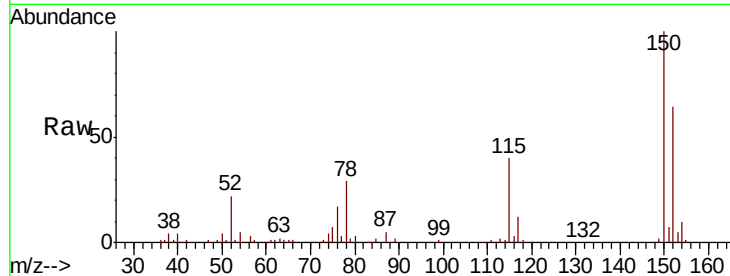


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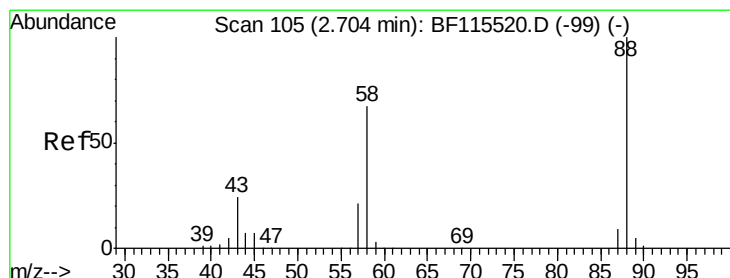
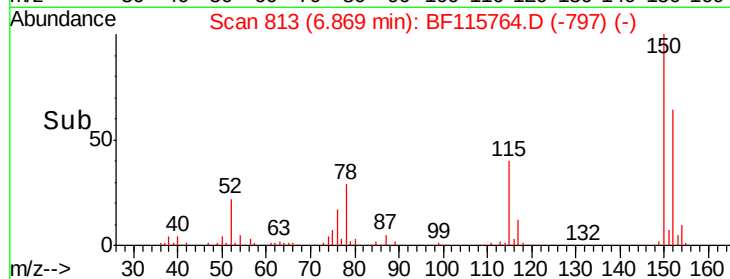
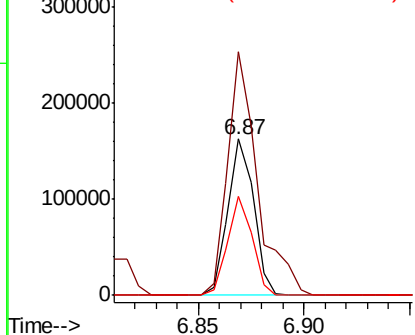
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:152 Resp: 136733
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 63.0 47.8 71.6



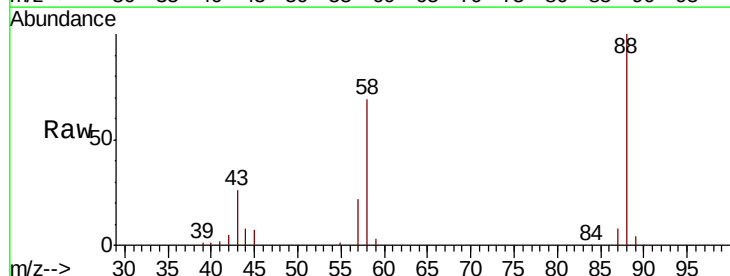
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



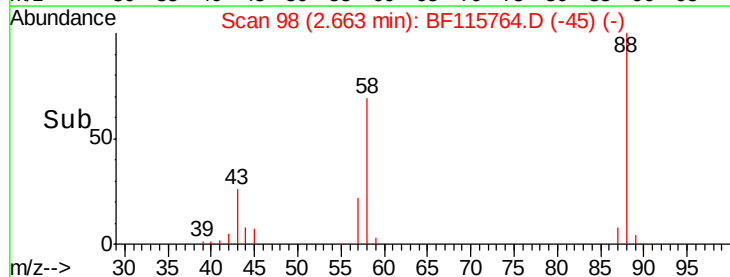
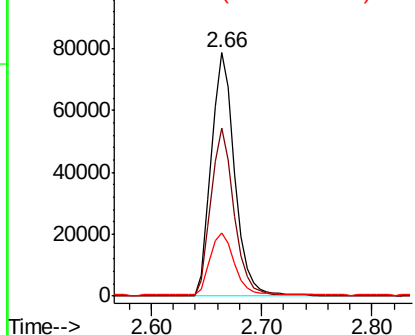
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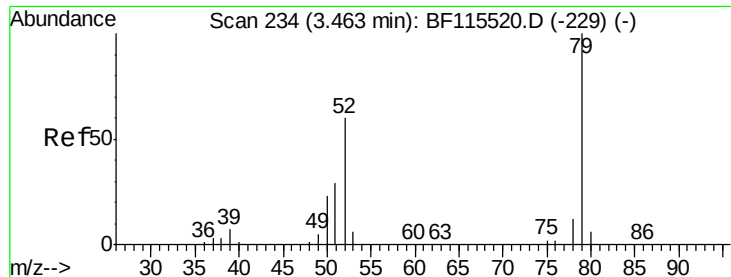
1,4-Dioxane
Concen: 27.607 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion: 88 Resp: 115113
Ion Ratio Lower Upper
88 100
58 68.6 54.2 81.4
43 26.7 20.8 31.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.972 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.04 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

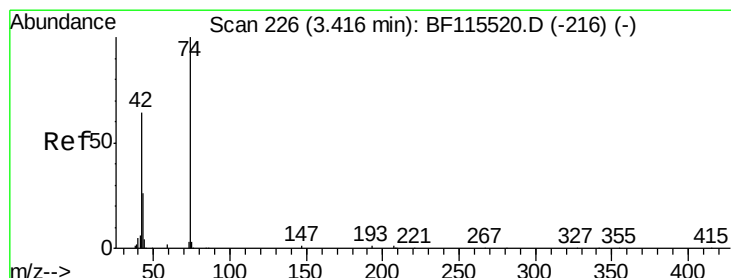
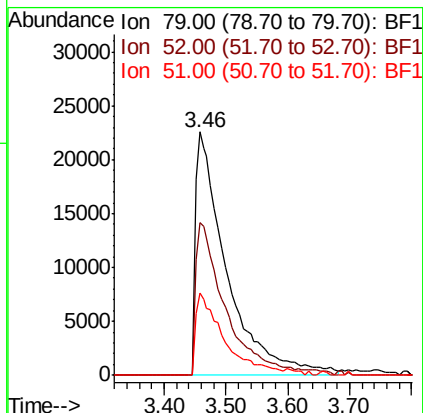
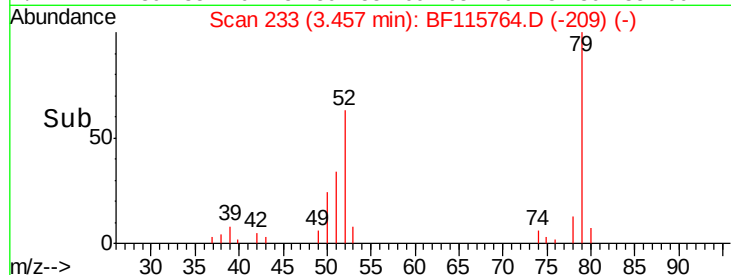
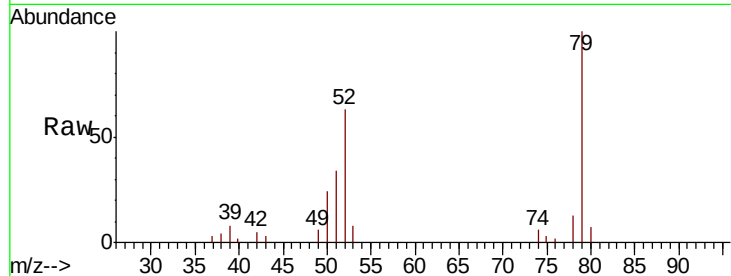
Tot Ion: 79 Resp: 78871

Ion Ratio Lower Upper

79 100

52 62.7 48.4 72.6

51 33.6 24.8 37.2



#4

n-Nitrosodimethylamine

Concen: 33.612 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

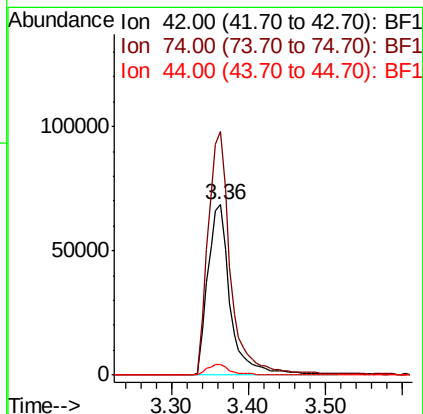
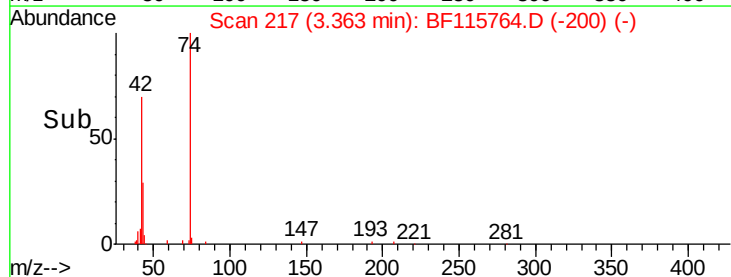
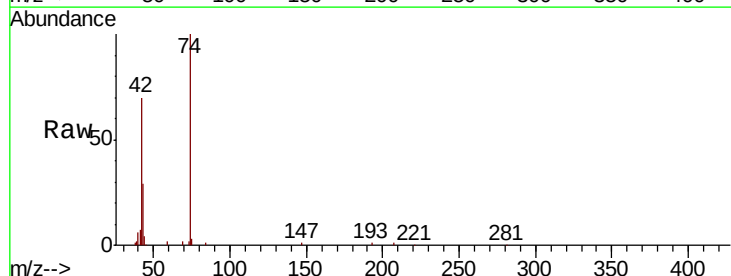
Tgt Ion: 42 Resp: 137945

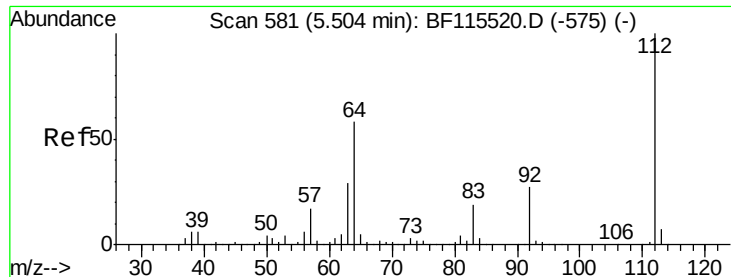
Ion Ratio Lower Upper

42 100

74 143.0 113.4 170.0

44 6.2 5.1 7.7





#5

2-Fluorophenol

Concen: 94.110 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

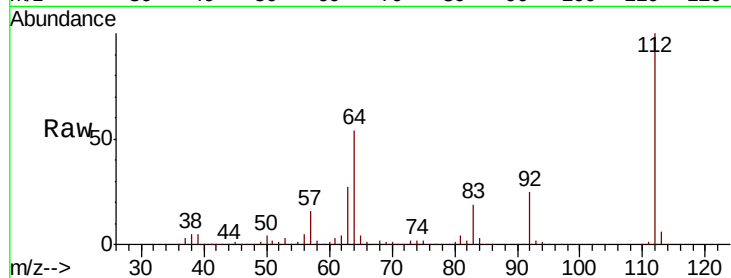
Tot Ion: 112 Resp: 786685

Ion Ratio Lower Upper

112 100

64 54.3 45.8 68.8

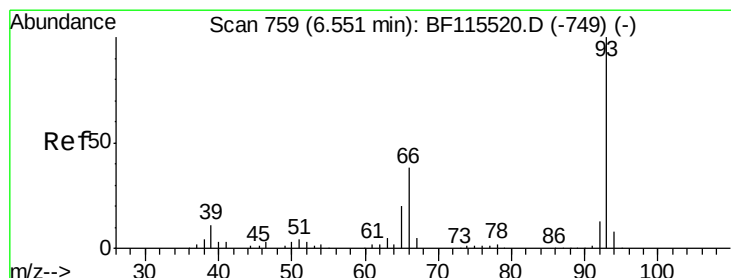
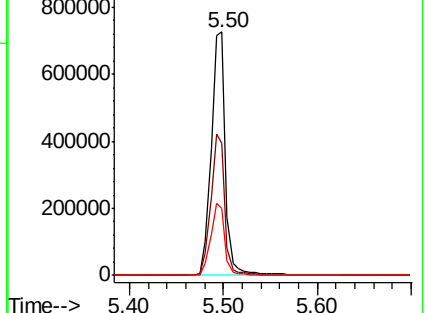
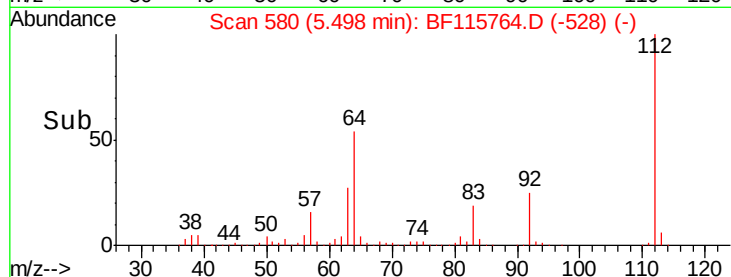
63 27.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.762 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

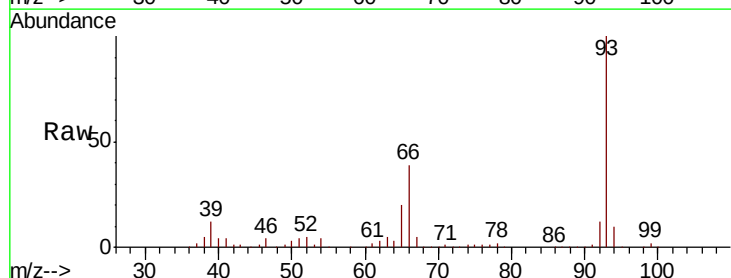
Tgt Ion: 93 Resp: 335988

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

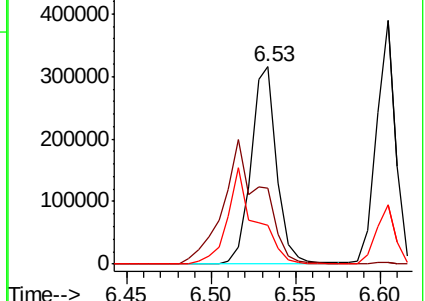
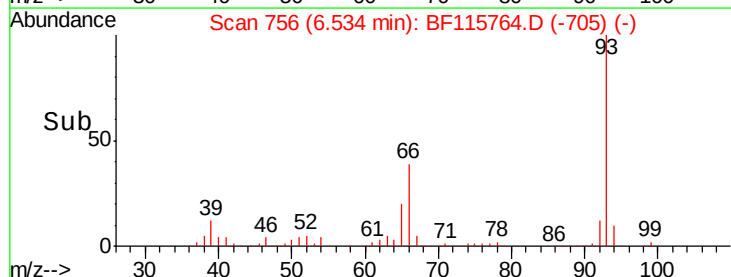
65 20.0 16.5 24.7

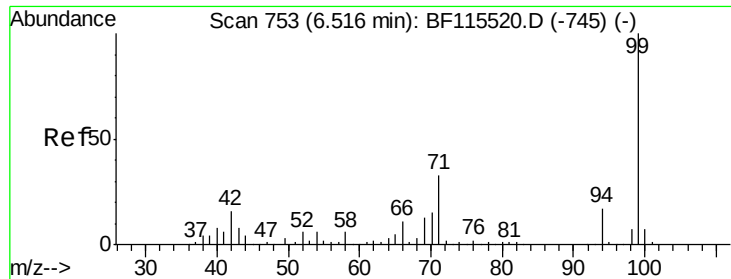


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.879 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

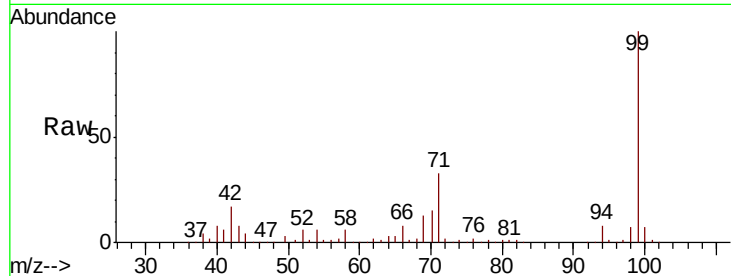
Tot Ion: 99 Resp: 1038192

Ion Ratio Lower Upper

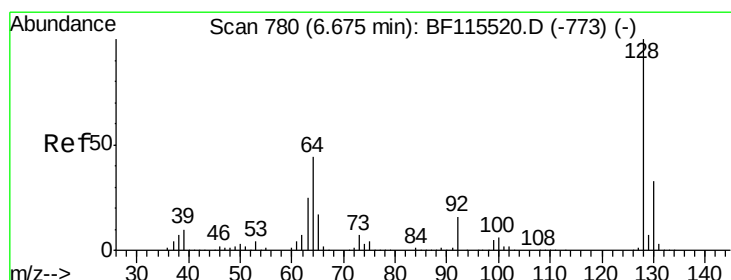
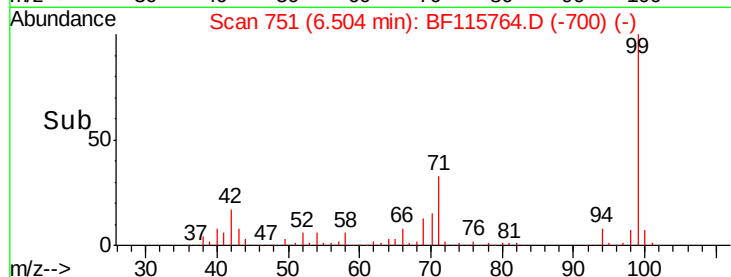
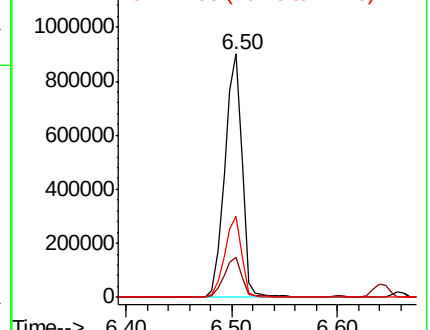
99 100

42 16.5 13.4 20.2

71 33.2 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.004 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

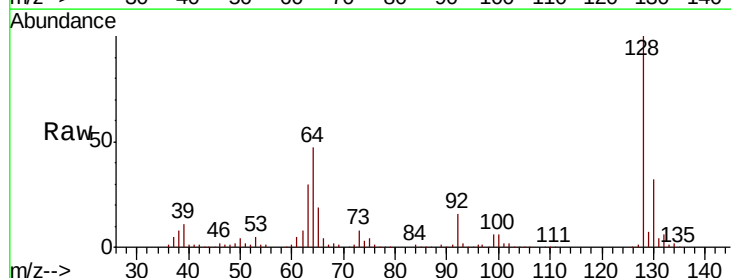
Tgt Ion: 128 Resp: 317193

Ion Ratio Lower Upper

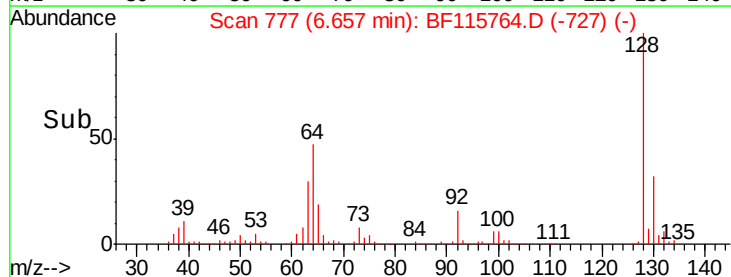
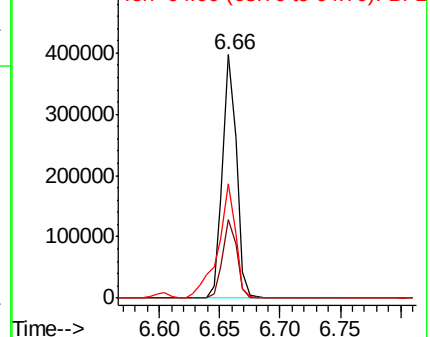
128 100

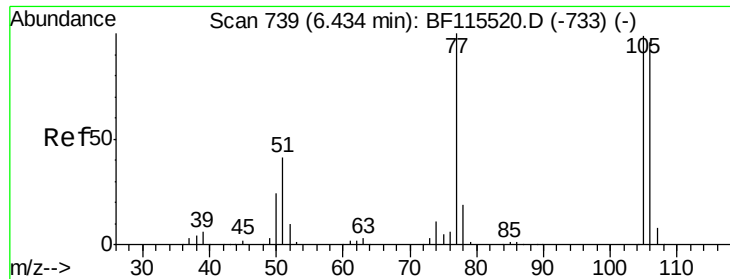
130 32.3 13.8 53.8

64 46.8 22.4 62.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

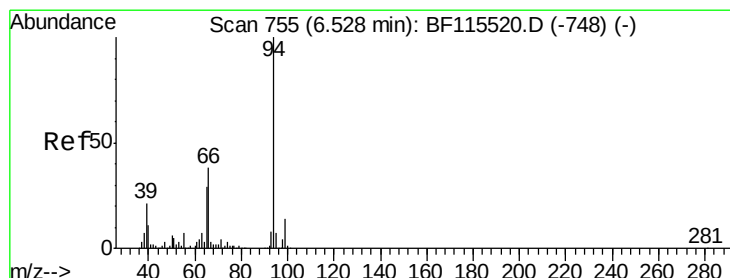
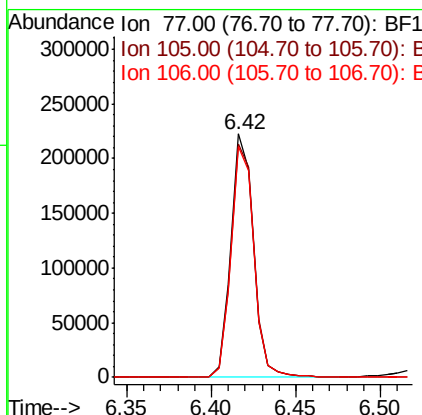
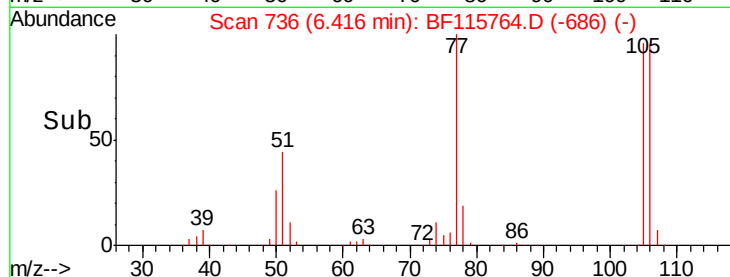
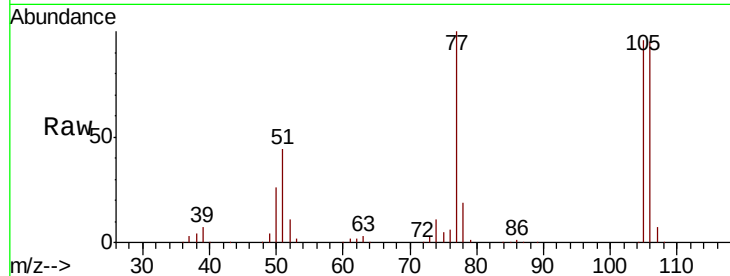




#9
Benzaldehyde
Concen: 30.979 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

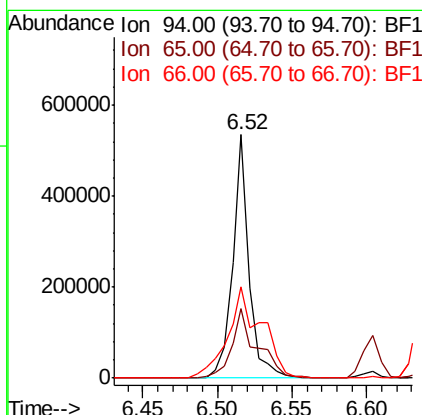
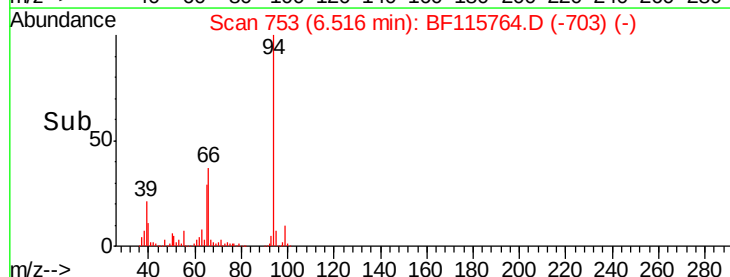
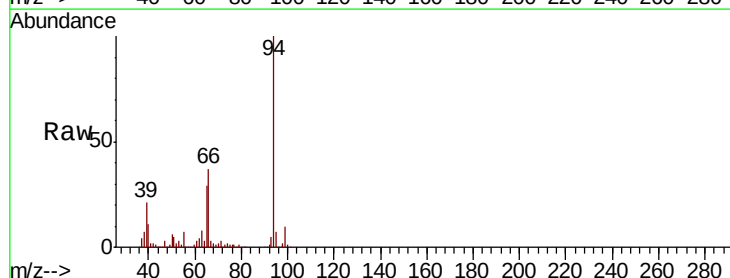
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

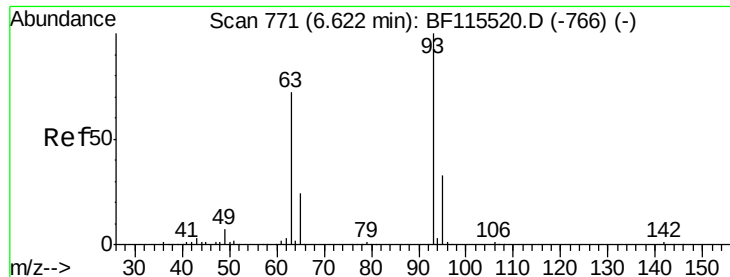
Tot Ion: 77 Resp: 205339
Ion Ratio Lower Upper
77 100
105 95.9 77.5 117.5
106 94.8 74.7 114.7



#10
Phenol
Concen: 33.995 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion: 94 Resp: 418583
Ion Ratio Lower Upper
94 100
65 28.8 11.2 51.2
66 37.3 24.4 64.4





#11

bis(2-Chloroethyl)ether

Concen: 32.086 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

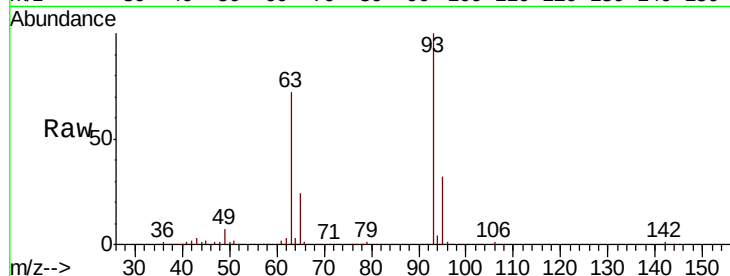
Tot Ion: 93 Resp: 300795

Ion Ratio Lower Upper

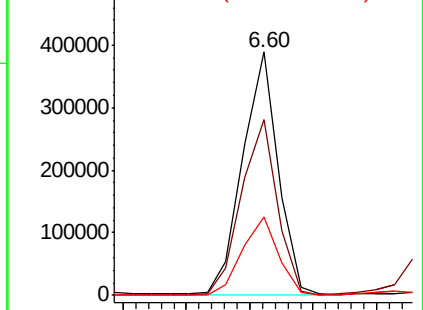
93 100

63 72.0 56.2 96.2

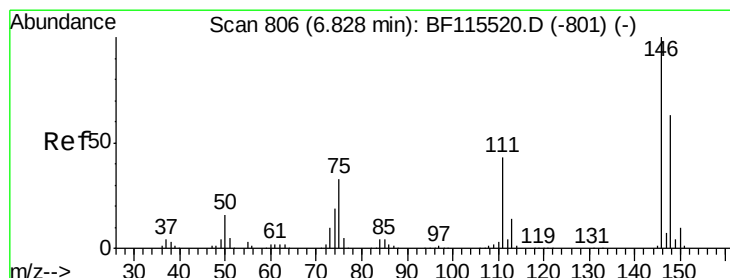
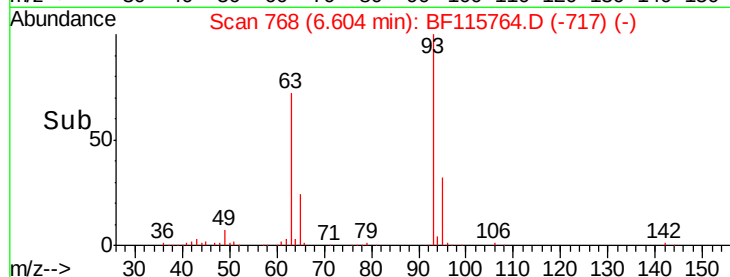
95 32.3 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



Time-->



#12

1,3-Dichlorobenzene

Concen: 31.639 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

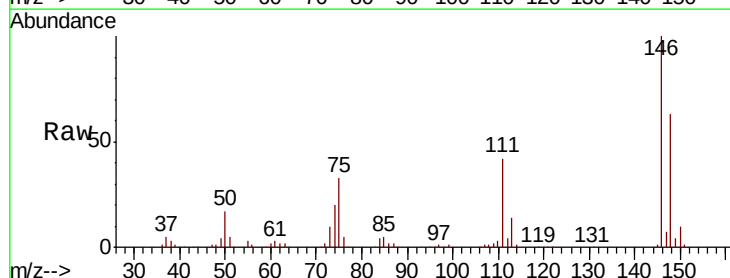
Tgt Ion: 146 Resp: 341878

Ion Ratio Lower Upper

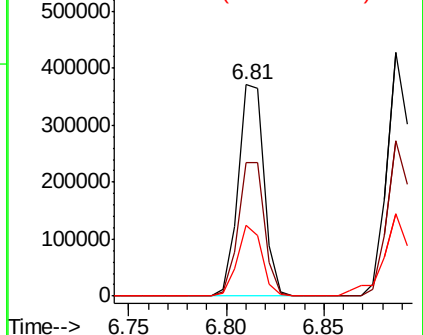
146 100

148 63.1 51.9 77.9

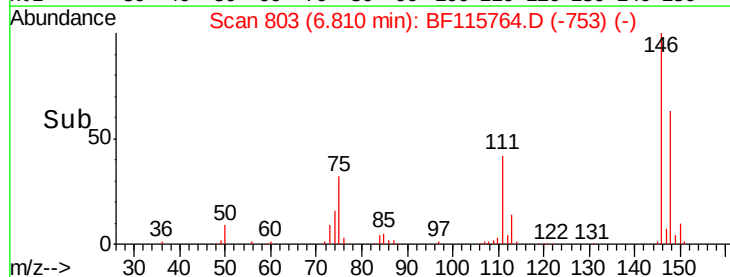
75 33.2 25.3 37.9

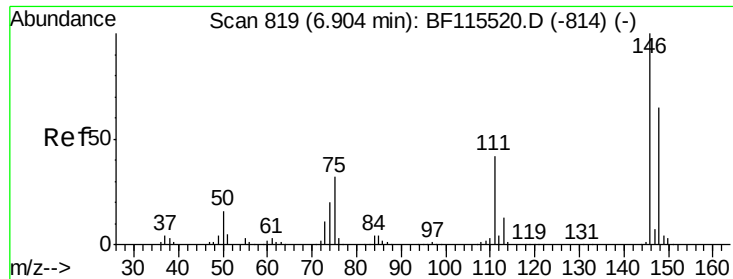


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



Time-->

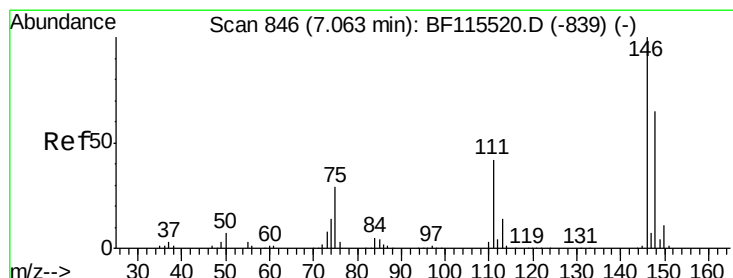
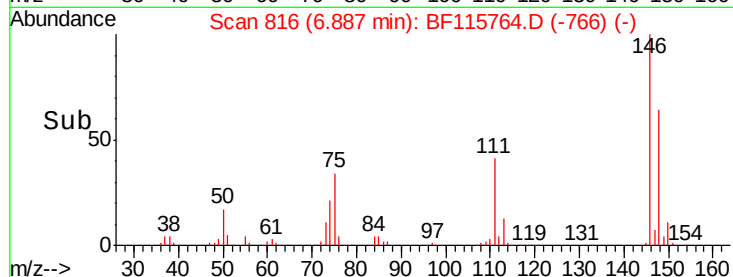
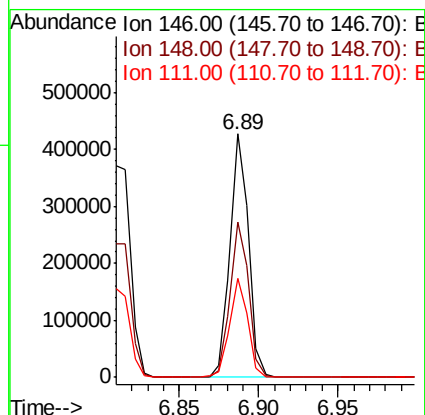
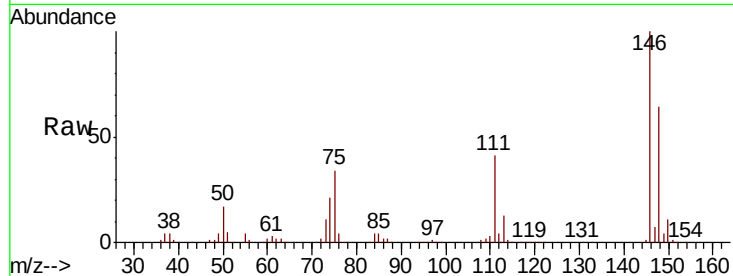




#13
 1,4-Dichlorobenzene
 Concen: 32.084 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

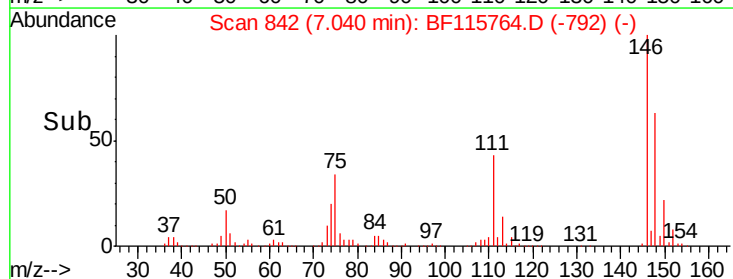
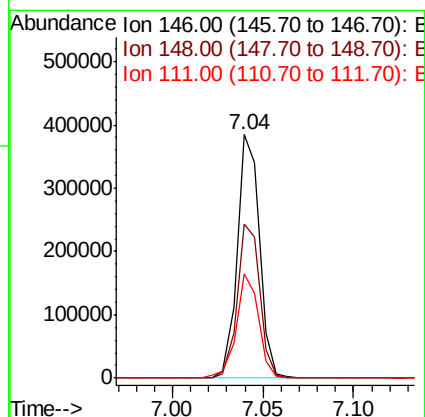
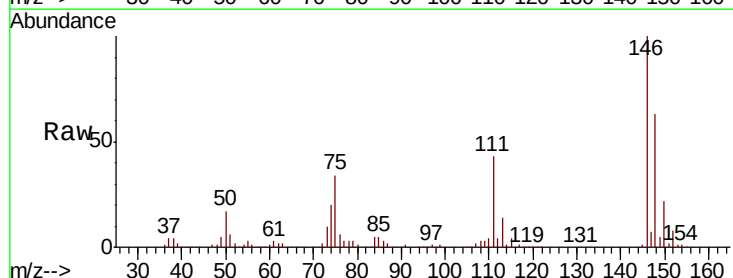
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

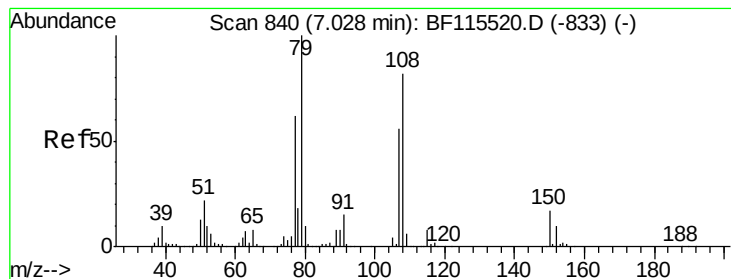
Tot Ion:146 Resp: 345906
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.7 79.1
 111 40.7 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 33.235 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:146 Resp: 327551
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.8
 111 42.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 32.827 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

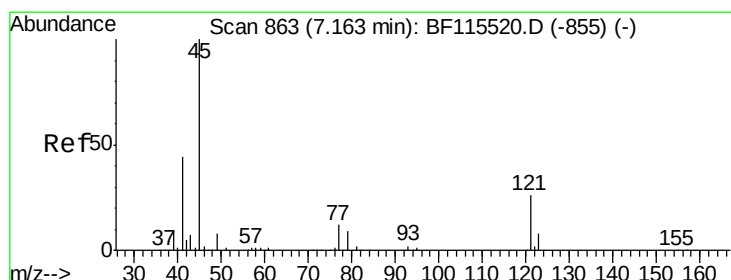
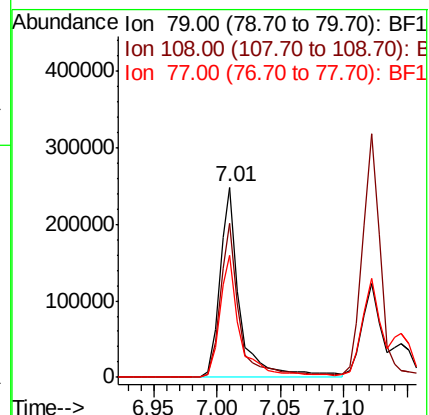
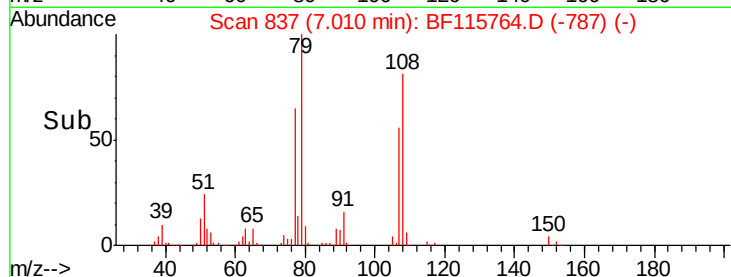
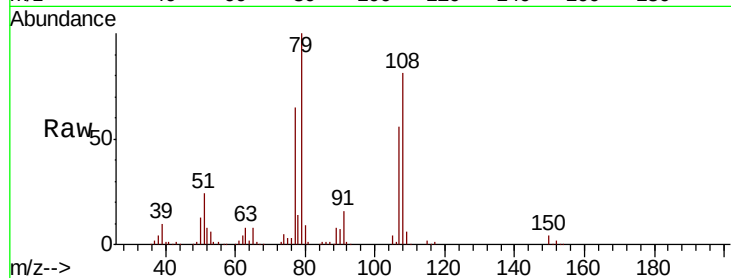
Tot Ion: 79 Resp: 276218

Ion Ratio Lower Upper

79 100

108 80.7 65.4 98.2

77 64.5 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.296 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

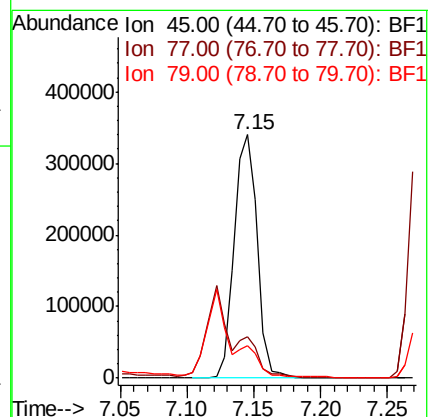
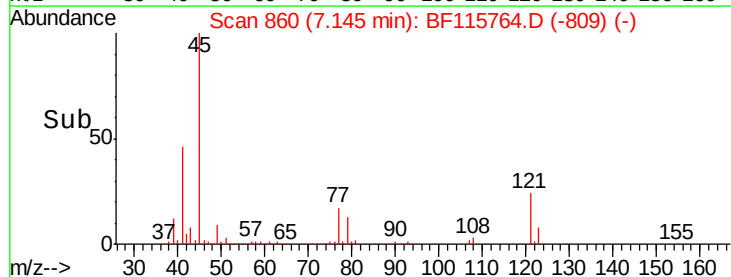
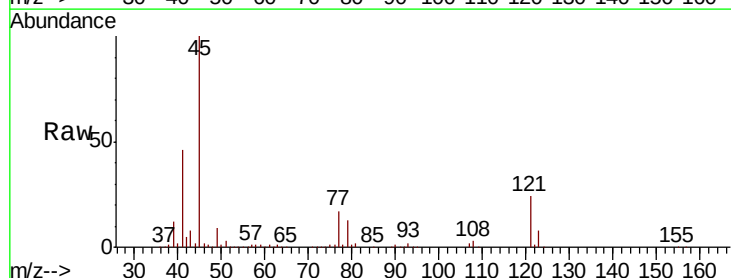
Tgt Ion: 45 Resp: 410939

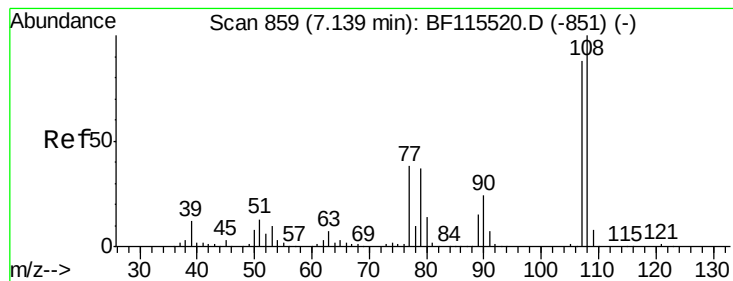
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.8

79 13.1 0.0 33.1

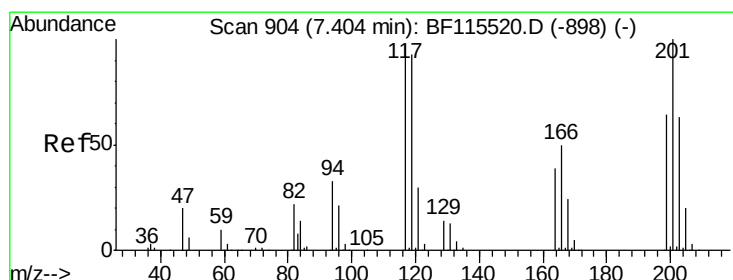
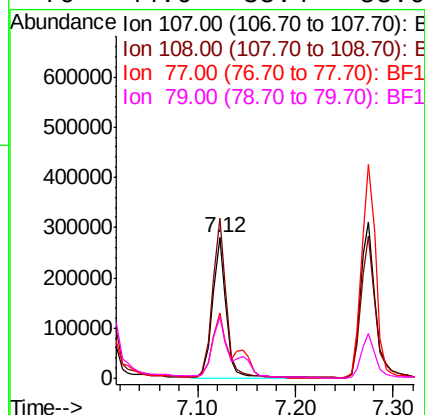
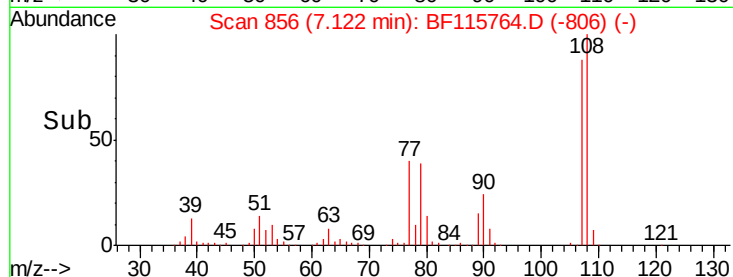
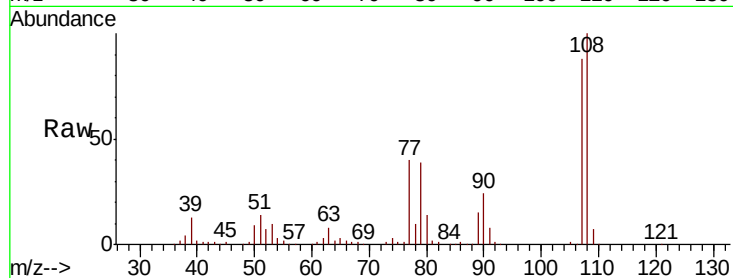




#17
2-Methylphenol
Concen: 32.746 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

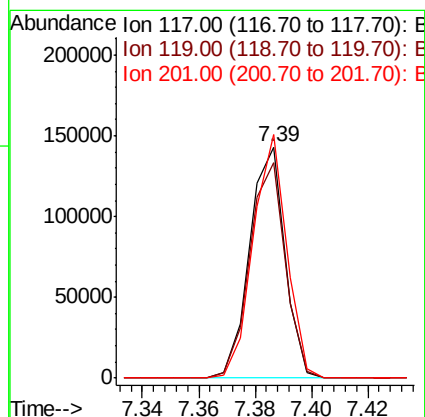
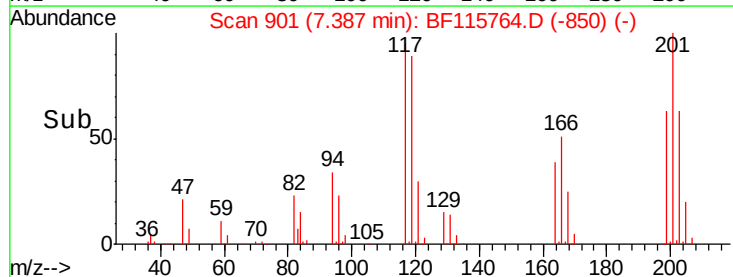
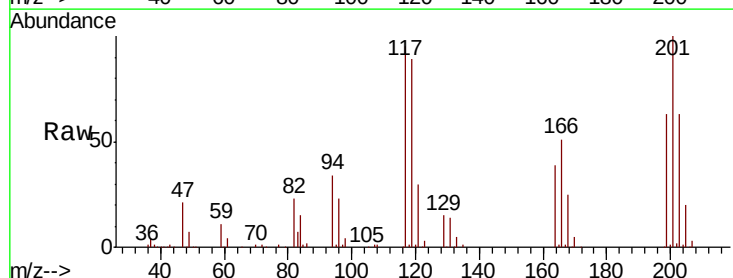
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

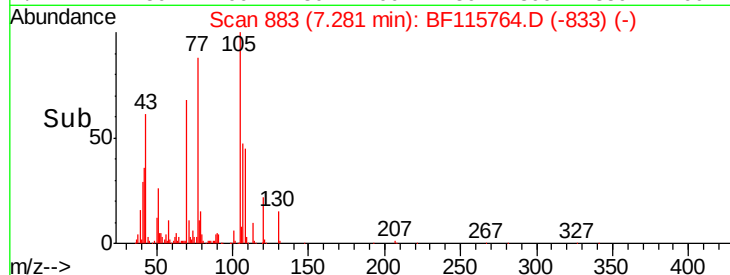
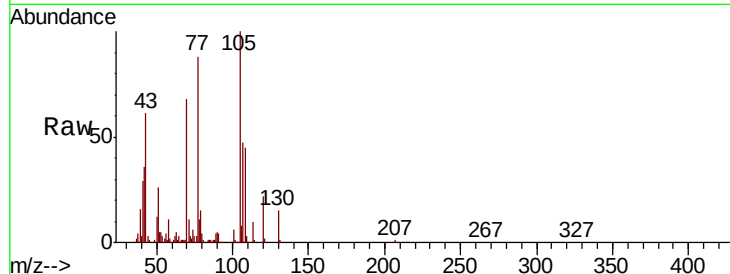
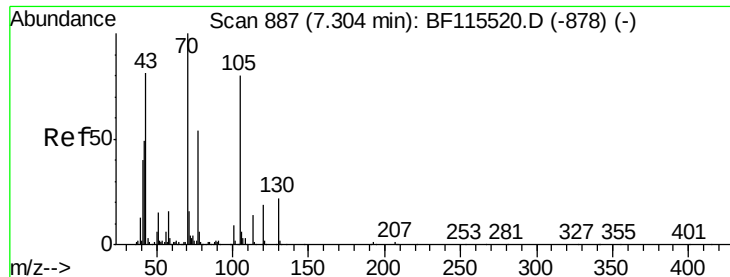
Tot Ion:107 Resp: 271219
Ion Ratio Lower Upper
107 100
108 113.6 91.3 136.9
77 46.0 36.9 55.3
79 44.0 35.4 53.0



#18
Hexachloroethane
Concen: 30.853 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:117 Resp: 123463
Ion Ratio Lower Upper
117 100
119 93.5 74.8 112.2
201 105.3 77.6 116.4

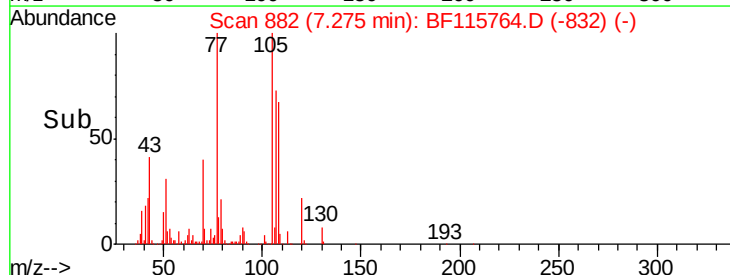
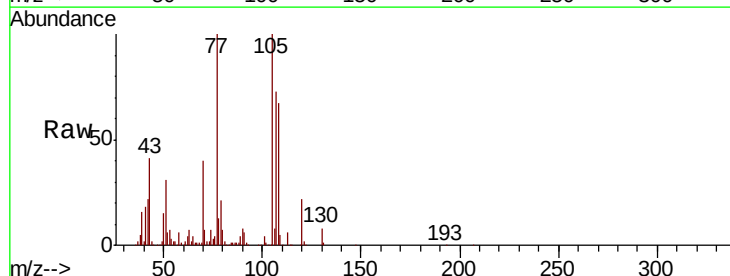
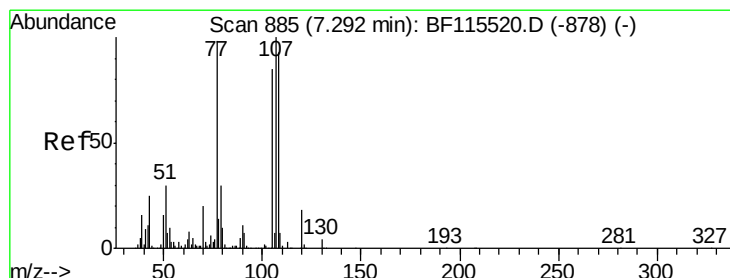
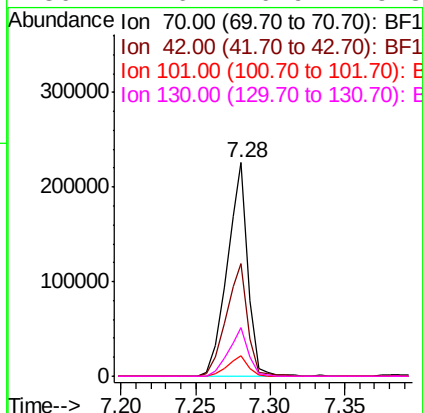




#19
n-Nitroso-di-n-propylamine
Concen: 31.852 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

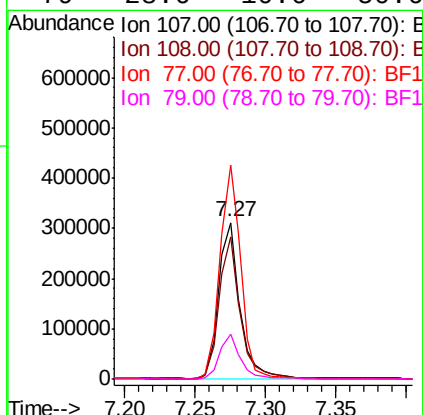
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

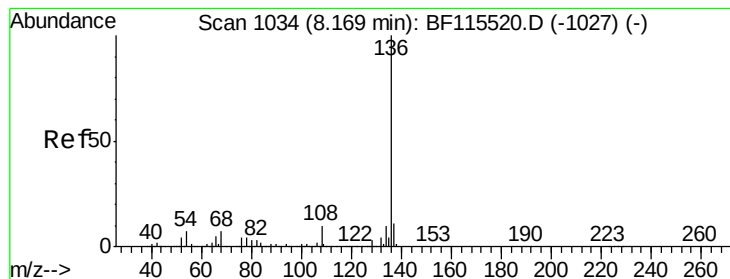
Tot Ion:	70	Resp:	220342
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.8	62.8
101	9.4	7.6	11.4
130	22.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 33.090 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:	107	Resp:	325539
Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.0	113.0
77	136.5	107.5	147.5
79	28.6	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

Tot Ion:136 Resp: 532035

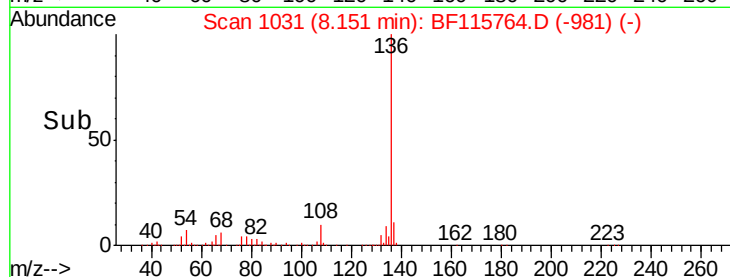
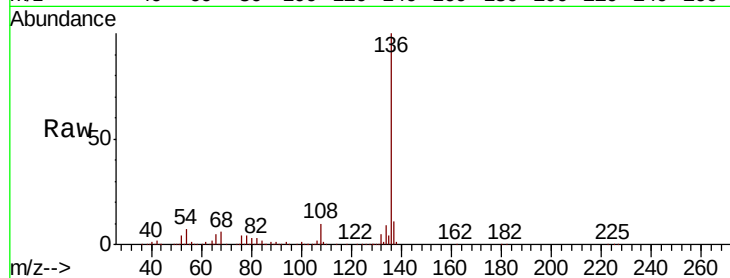
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.9 5.0 7.6

68 6.1 4.7 7.1

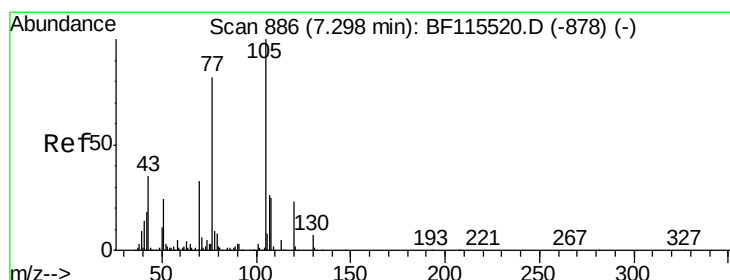
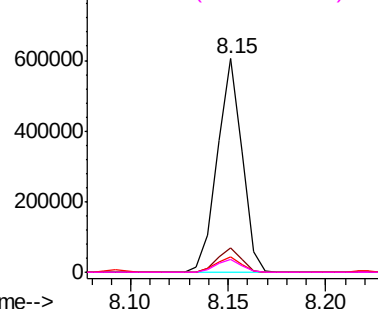


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.906 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:105 Resp: 431571

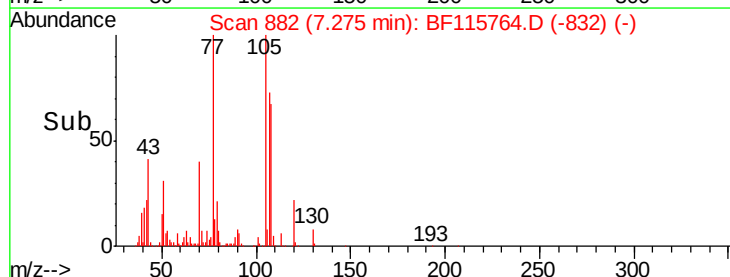
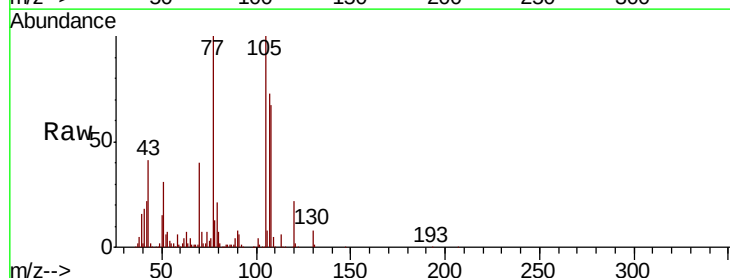
Ion Ratio Lower Upper

105 100

71 6.7 4.7 7.1

51 31.4 25.6 38.4

120 22.0 17.7 26.5

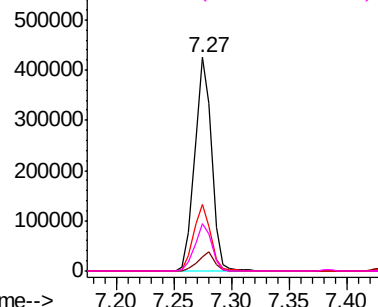


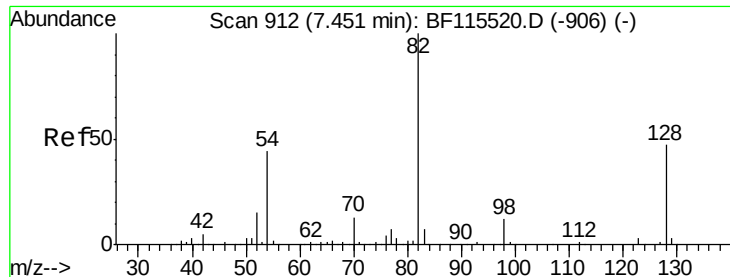
Abundance Ion 105.00 (104.70 to 105.70): E

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

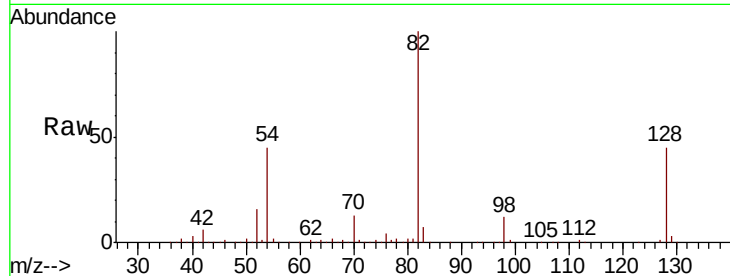




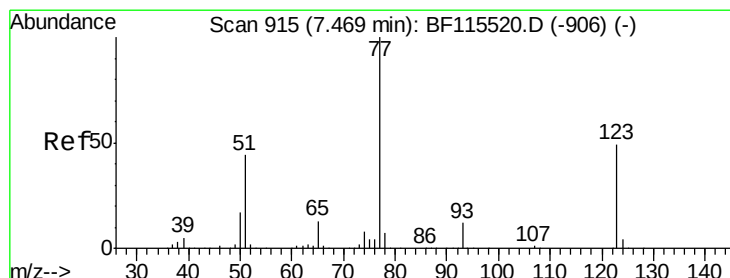
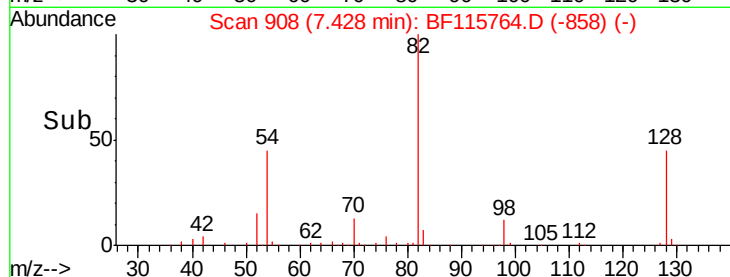
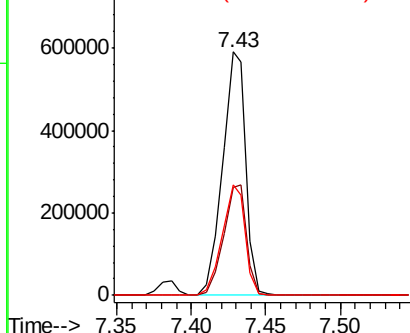
#23
 Nitrobenzene-d5
 Concen: 70.701 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion	82	Resp	646909
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.6	55.0
54	45.3	36.6	54.8

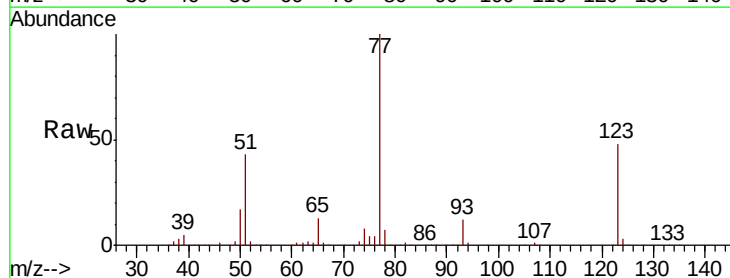


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

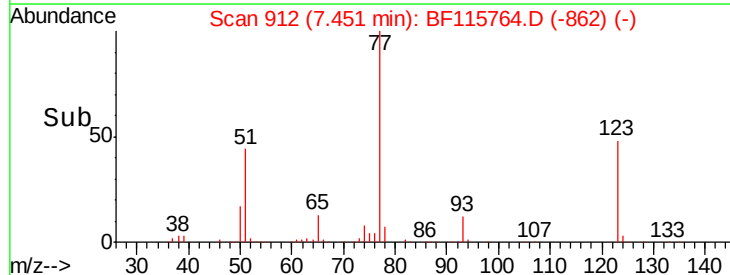
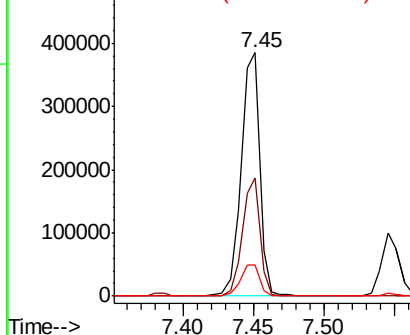


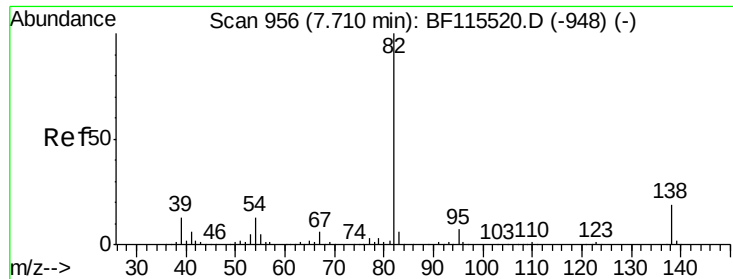
#24
 Nitrobenzene
 Concen: 35.697 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	77	Resp	352288
Ion Ratio	Lower	Upper	
77	100		
123	48.4	39.9	59.9
65	12.8	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

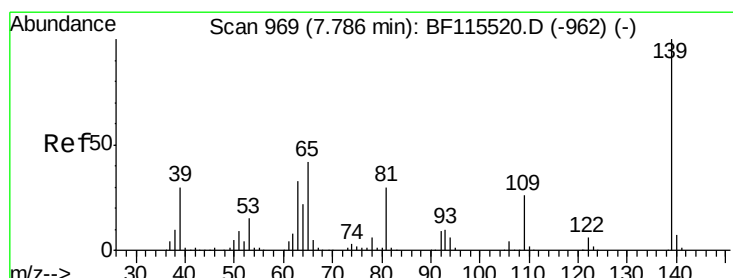
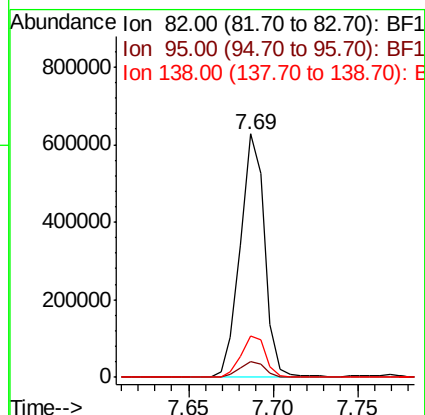
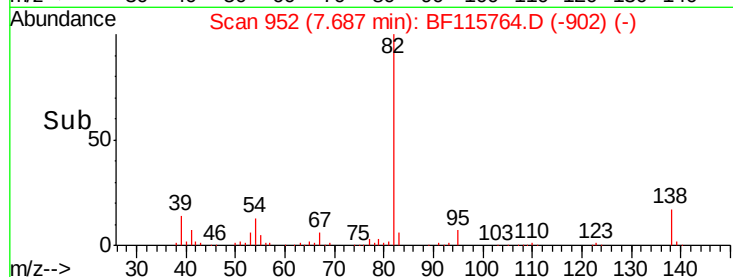
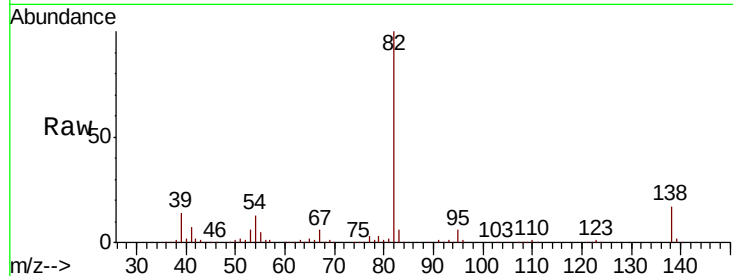




#25
Isophorone
Concen: 34.576 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

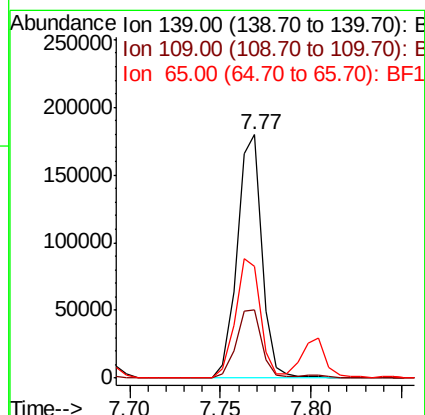
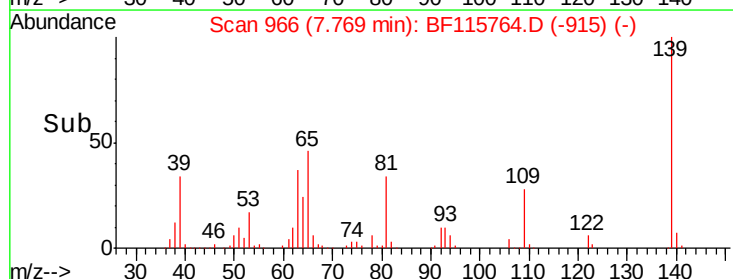
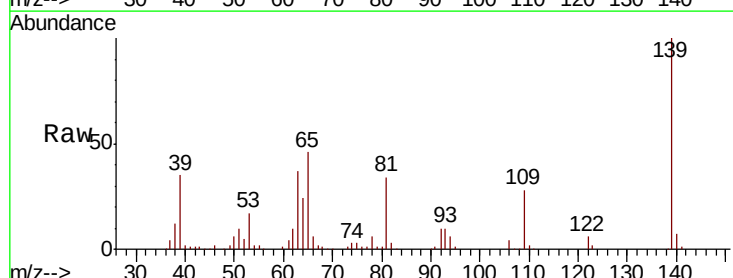
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

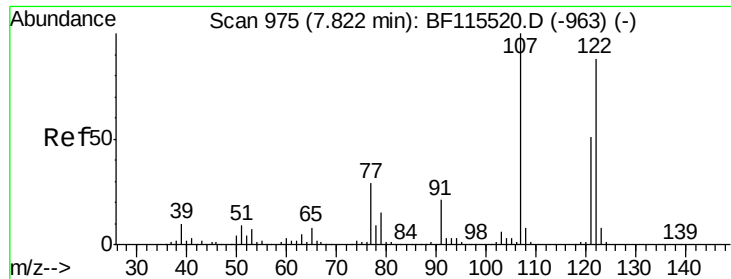
Tot Ion: 82 Resp: 633057
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 17.0 14.2 21.4



#26
2-Nitrophenol
Concen: 33.596 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion: 139 Resp: 170656
Ion Ratio Lower Upper
139 100
109 28.0 23.2 34.8
65 45.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.501 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

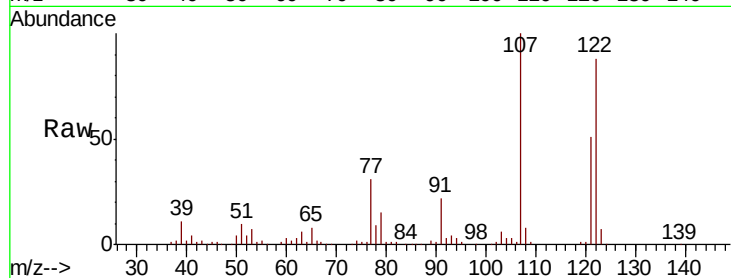
Tot Ion:122 Resp: 285026

Ion Ratio Lower Upper

122 100

107 113.3 92.6 138.8

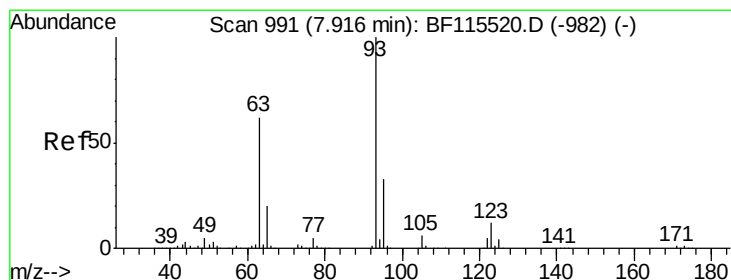
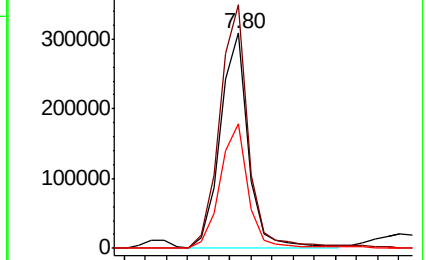
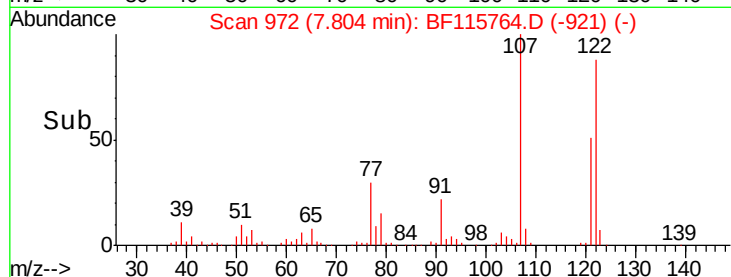
121 57.9 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.105 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

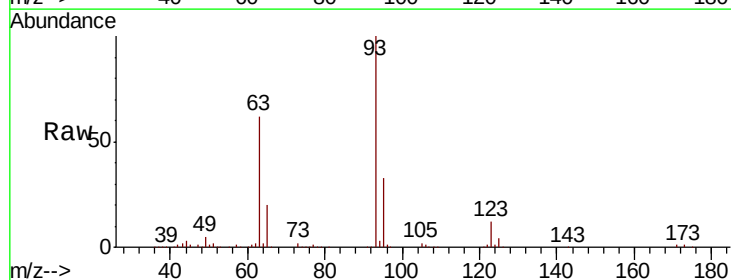
Tgt Ion: 93 Resp: 394308

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

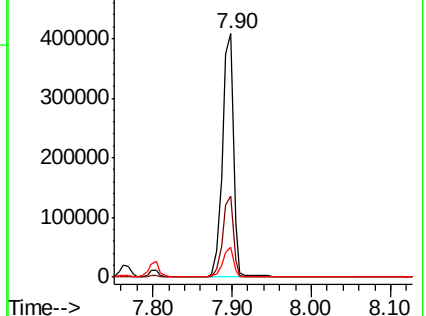
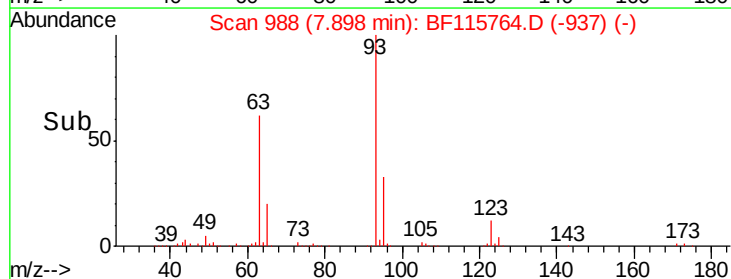
123 12.1 9.3 13.9

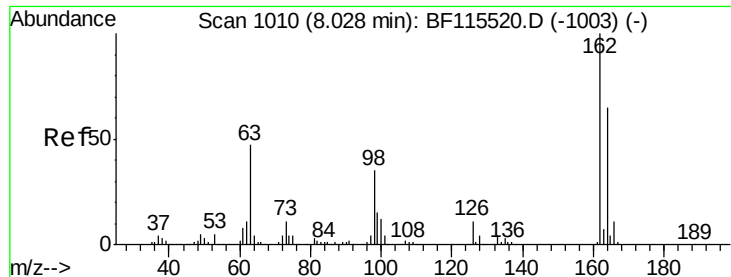


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

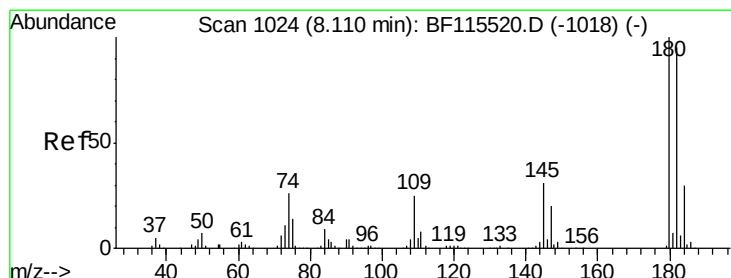
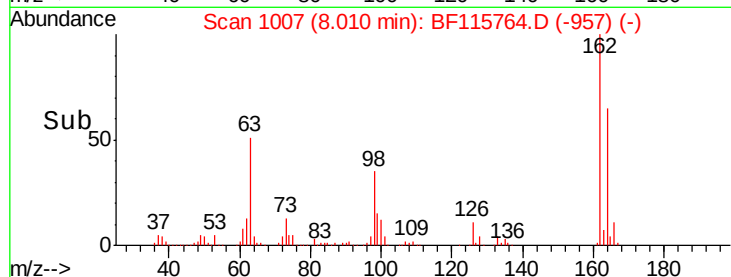
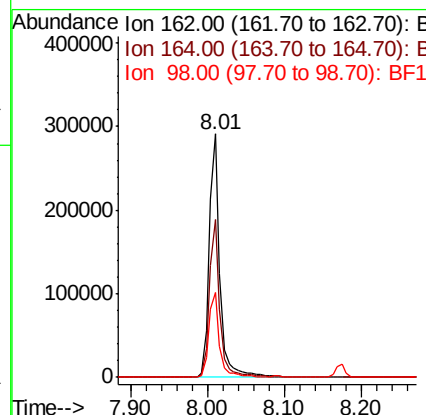
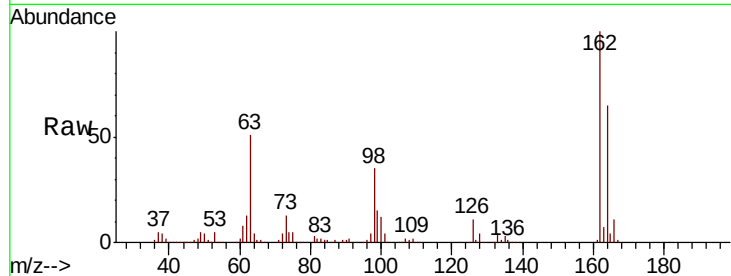




#29
 2,4-Dichlorophenol
 Concen: 35.562 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

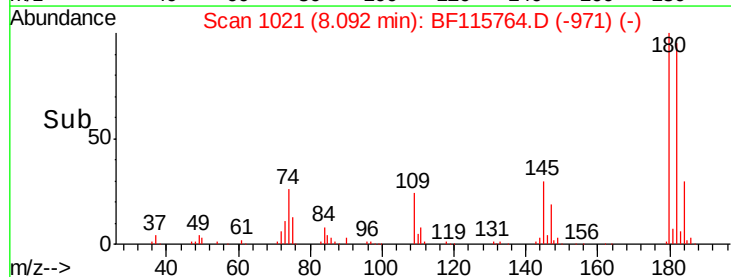
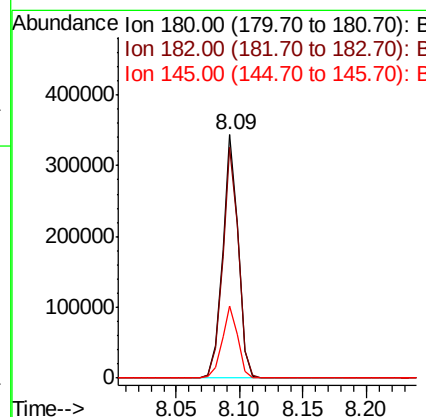
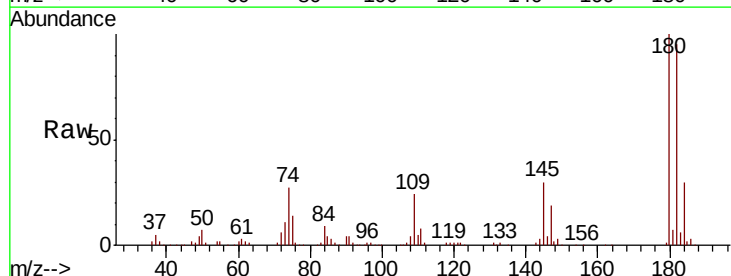
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

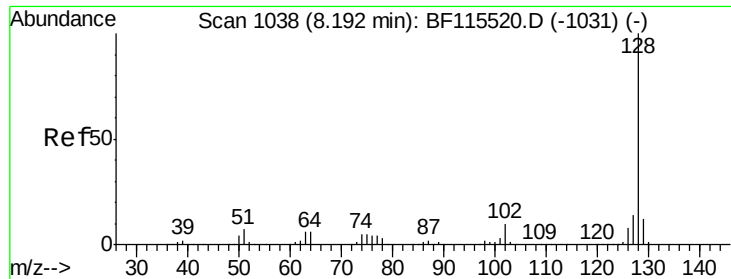
Tot Ion:162 Resp: 281101
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.1 84.1
 98 34.6 12.9 52.9



#30
 1,2,4-Trichlorobenzene
 Concen: 33.301 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:180 Resp: 297541
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.7 115.1
 145 29.5 23.6 35.4

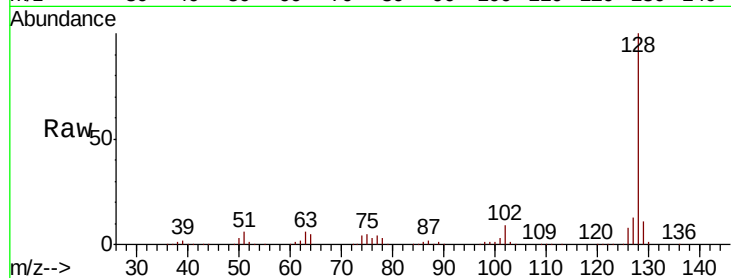




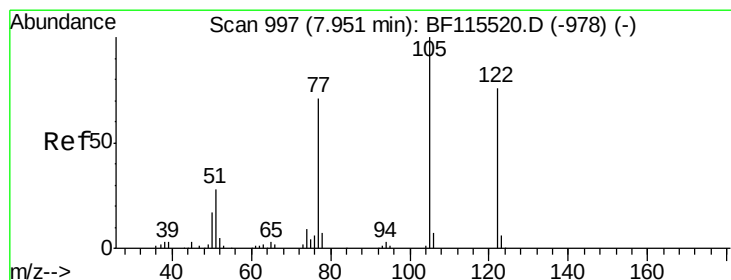
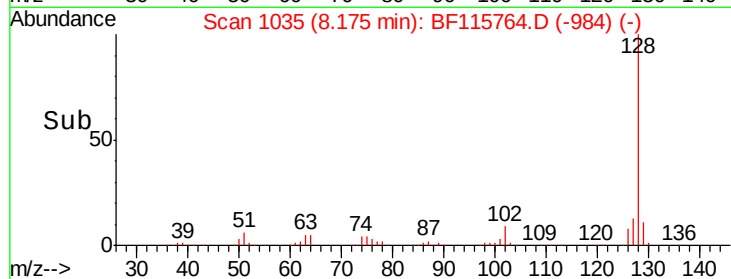
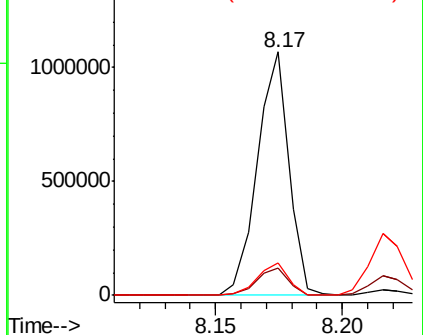
#31
Naphthalene
Concen: 36.156 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:128 Resp: 931609
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.4 10.9 16.3

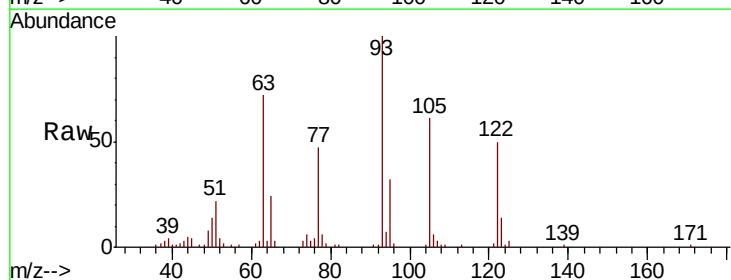


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

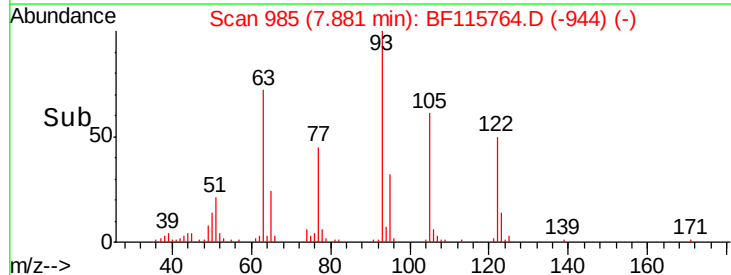
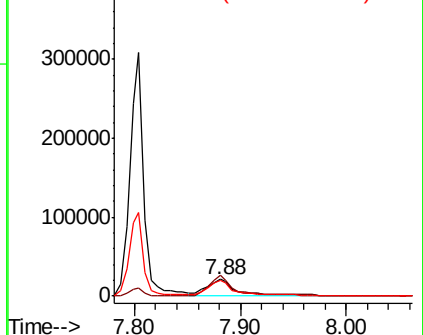


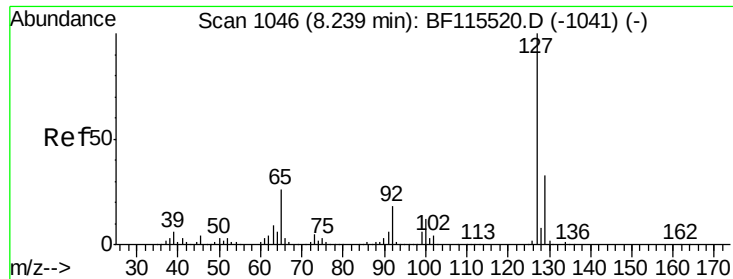
#32
Benzoic acid
Concen: 6.646 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:122 Resp: 41457
Ion Ratio Lower Upper
122 100
105 122.7 102.0 142.0
77 94.2 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

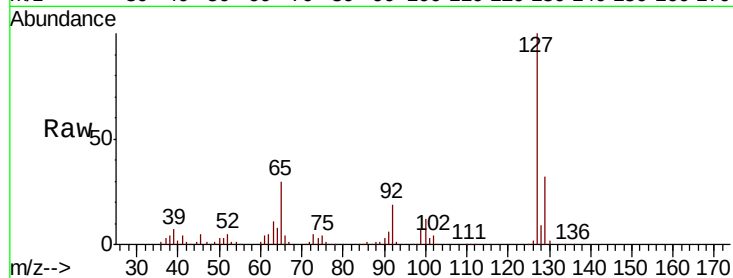




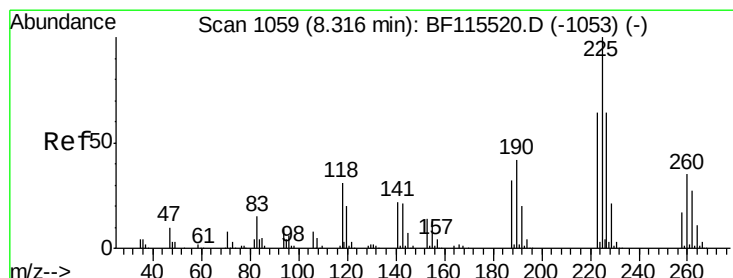
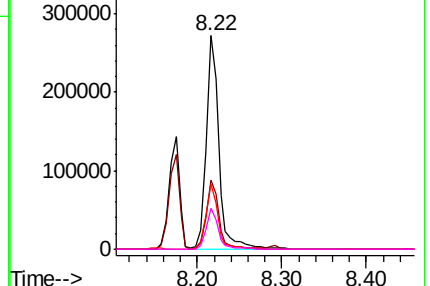
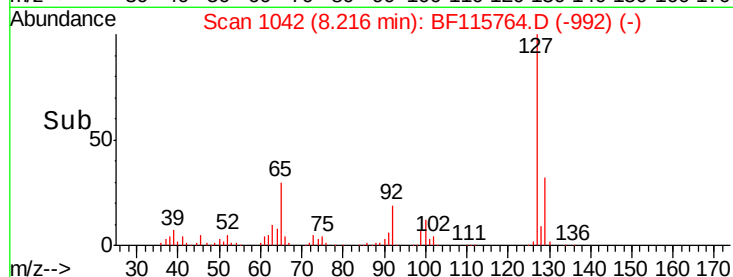
#33
4-Chloroaniline
Concen: 24.554 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:	127	Resp:	280239
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	30.4	23.8	35.8
92	19.1	15.1	22.7

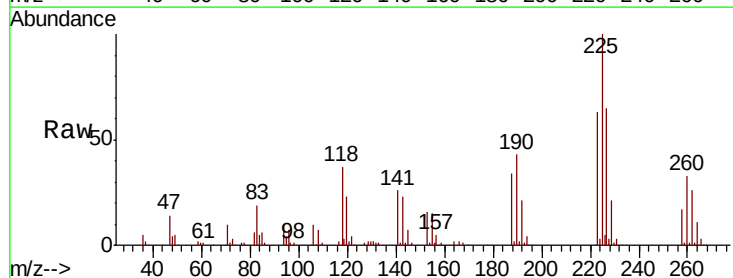


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

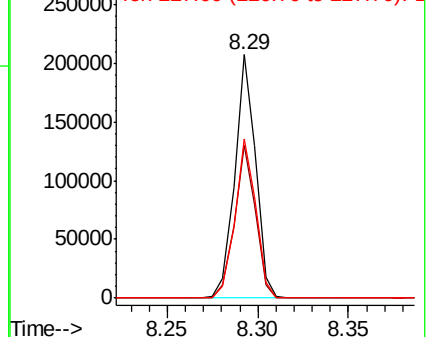
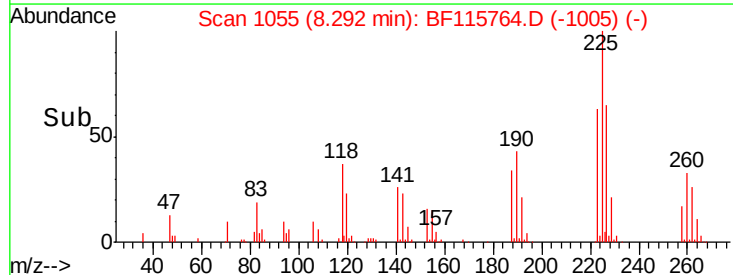


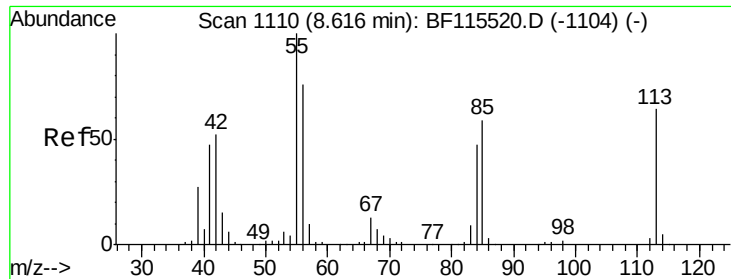
#34
Hexachlorobutadiene
Concen: 32.501 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:	225	Resp:	166532
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	65.2	52.8	79.2



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: 11.684 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

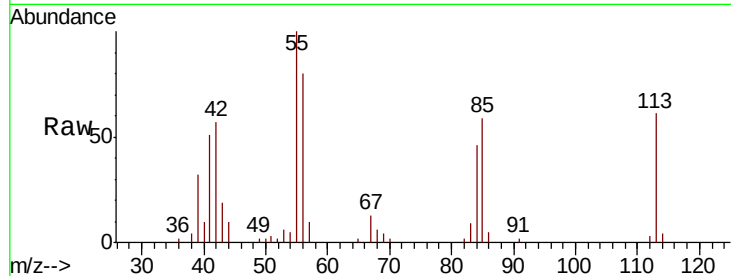
Tot Ion:113 Resp: 28538

Ion Ratio Lower Upper

113 100

55 163.3 130.5 170.5

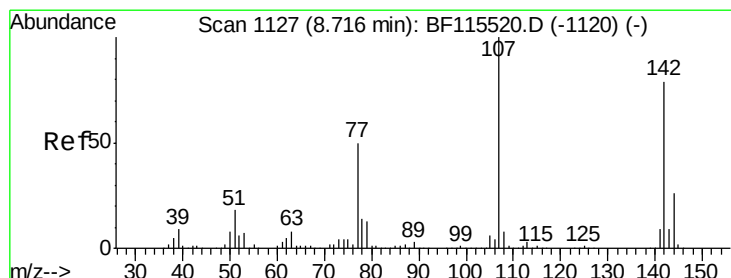
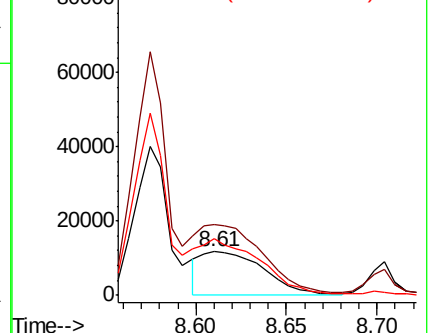
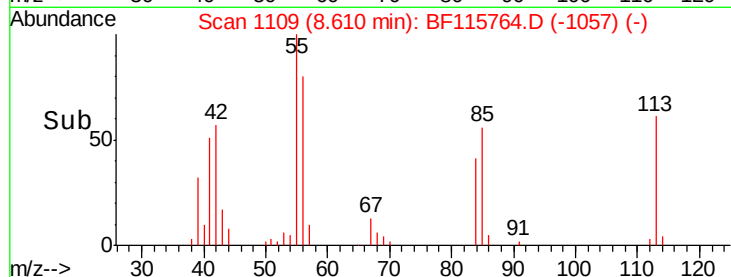
56 129.9 93.1 133.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.697 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

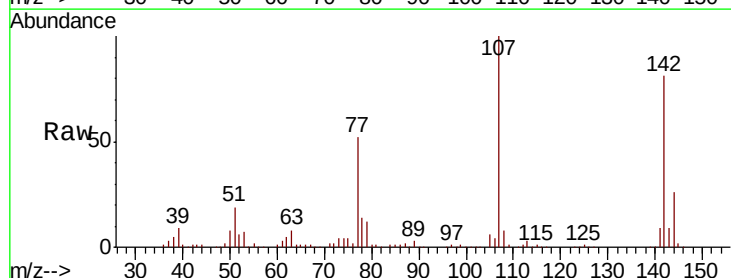
Tgt Ion:107 Resp: 300890

Ion Ratio Lower Upper

107 100

144 26.3 20.1 30.1

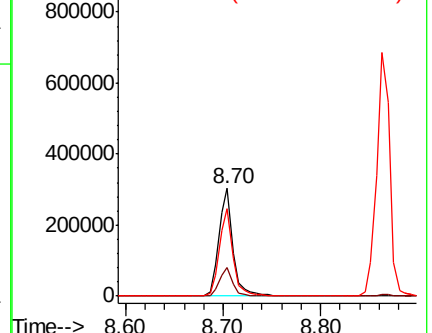
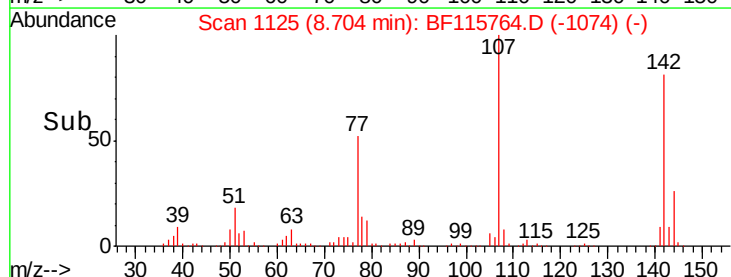
142 81.2 62.3 93.5

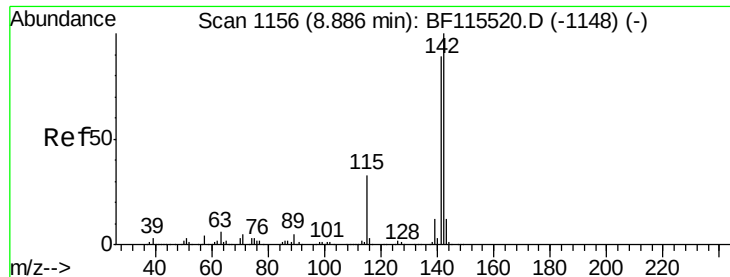


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

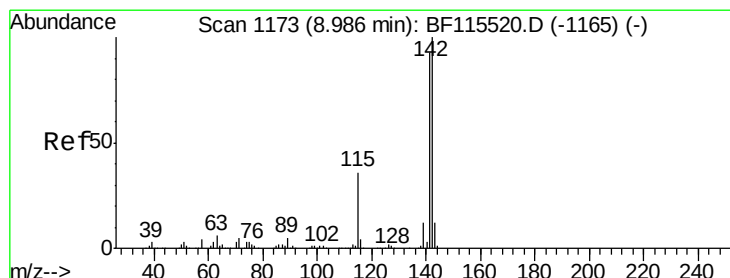
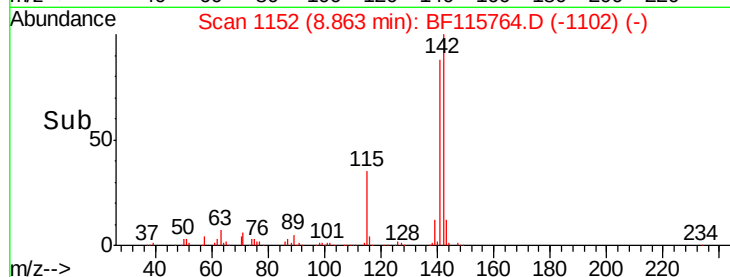
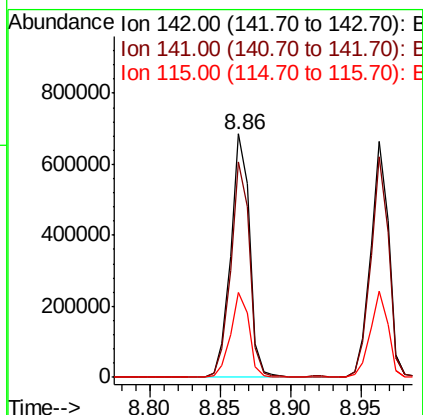
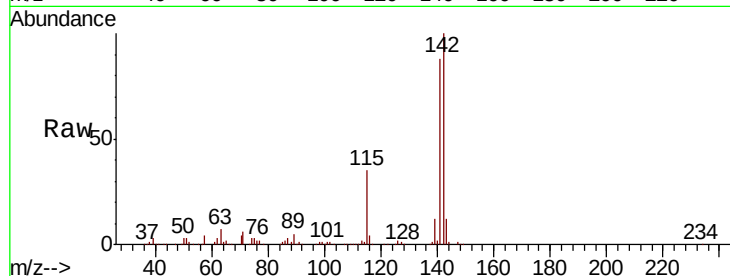




#37
2-Methylnaphthalene
Concen: 37.346 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

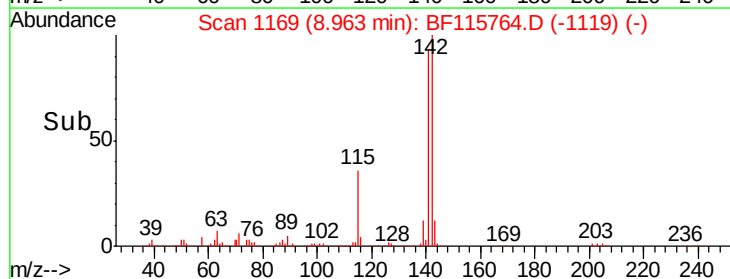
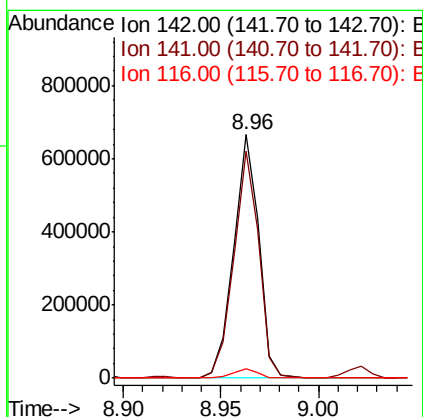
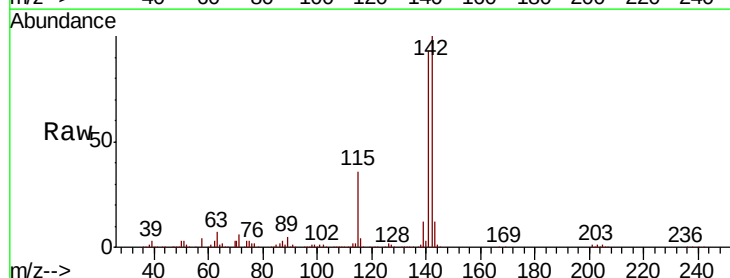
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

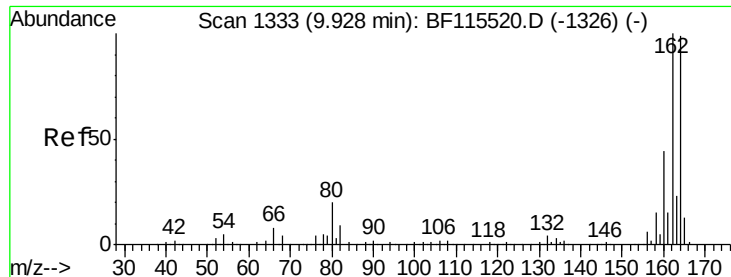
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.4
115	34.8	27.7	41.5



#38
1-Methylnaphthalene
Concen: 36.486 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

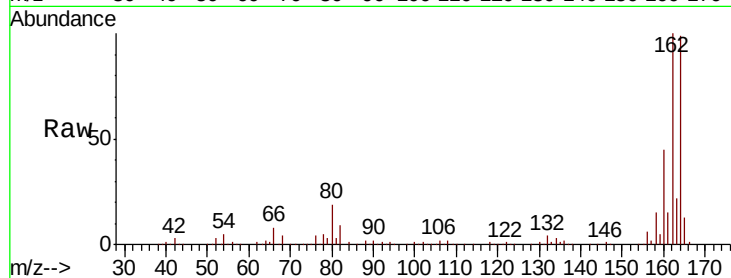
Tot Ion:164 Resp: 297433

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

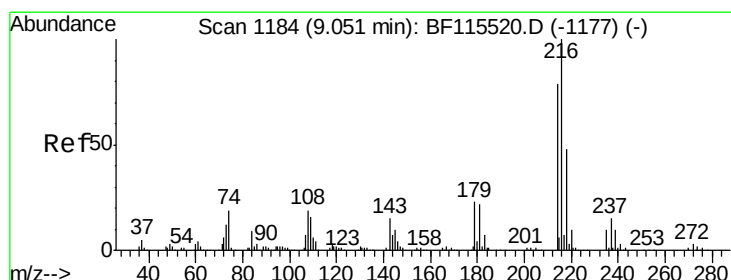
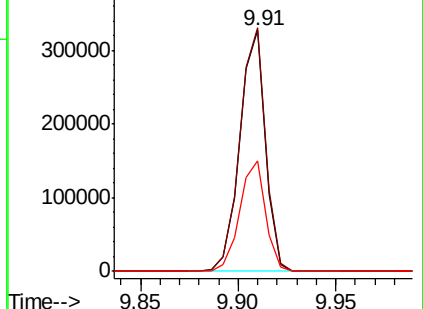
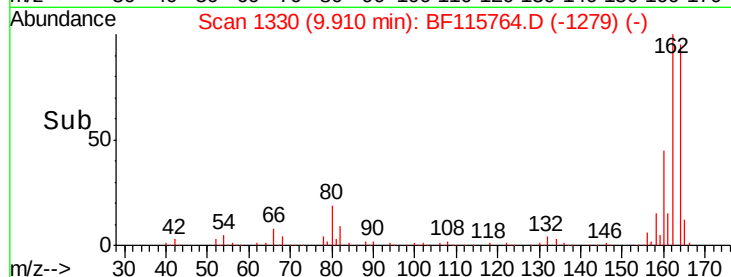
160 45.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.140 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Tgt Ion:216 Resp: 287872

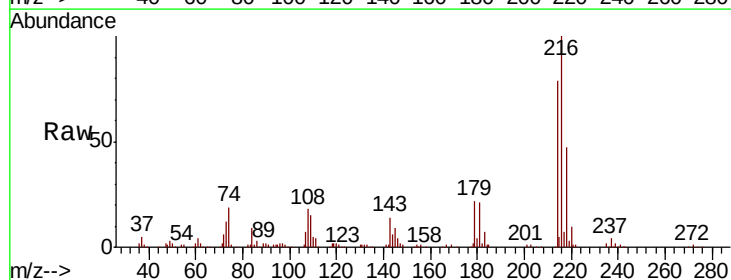
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 21.7 17.4 26.2

108 20.9 16.6 25.0

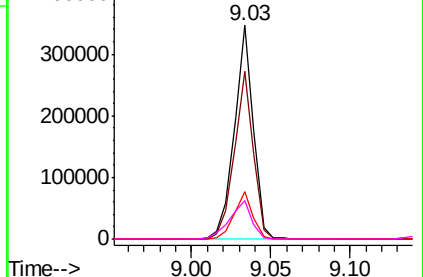
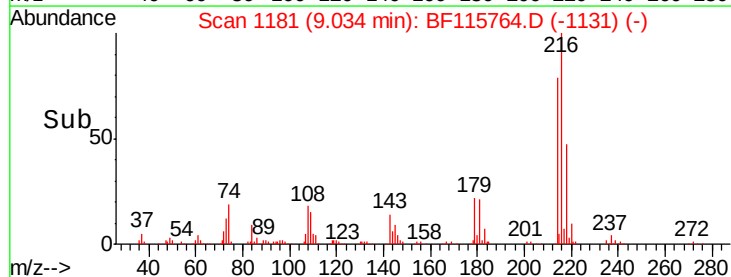


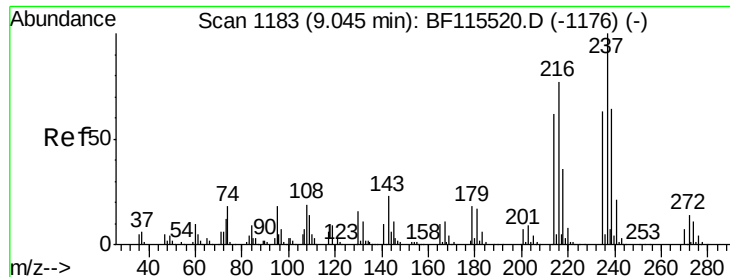
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

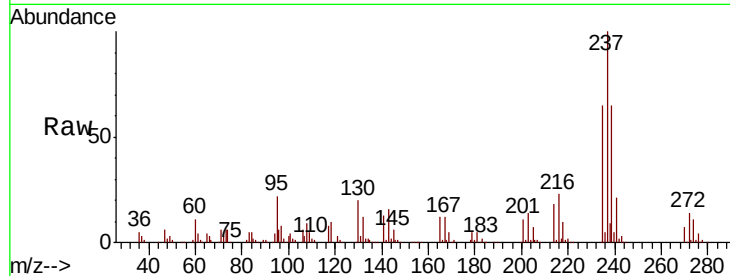




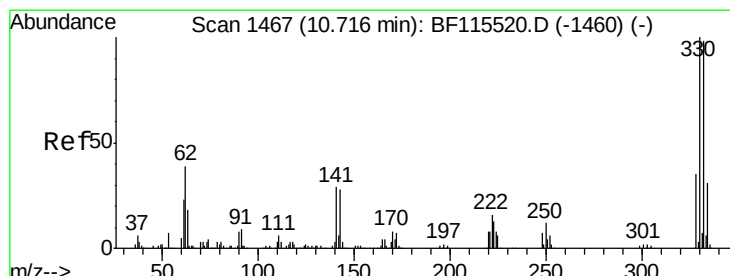
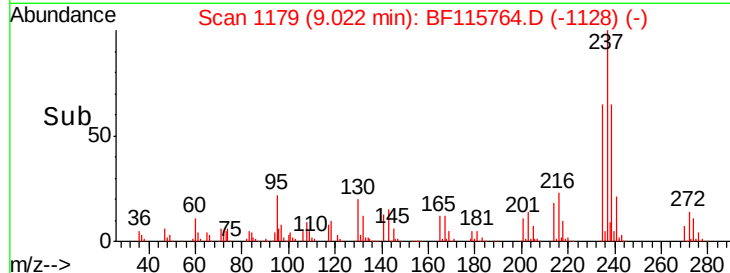
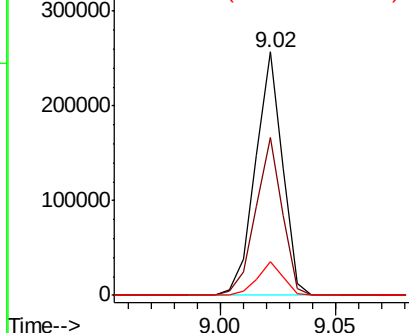
#41
Hexachlorocyclopentadiene
Concen: 41.242 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:237 Resp: 210716
Ion Ratio Lower Upper
237 100
235 64.8 44.3 84.3
272 13.9 0.0 33.0

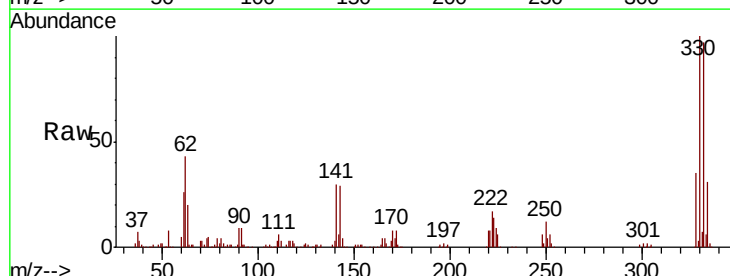


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

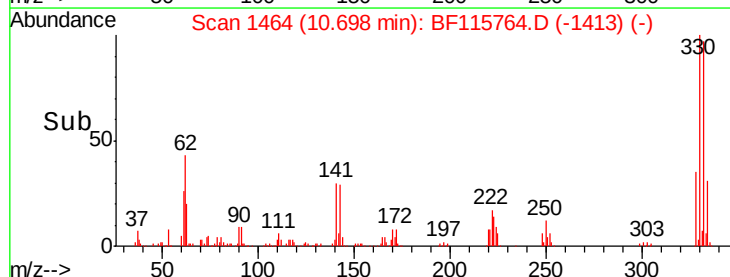
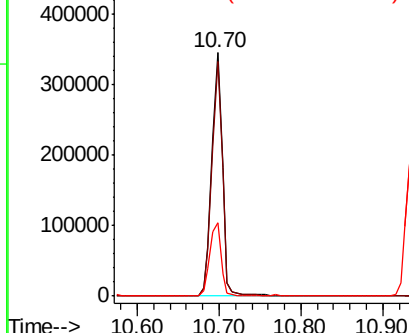


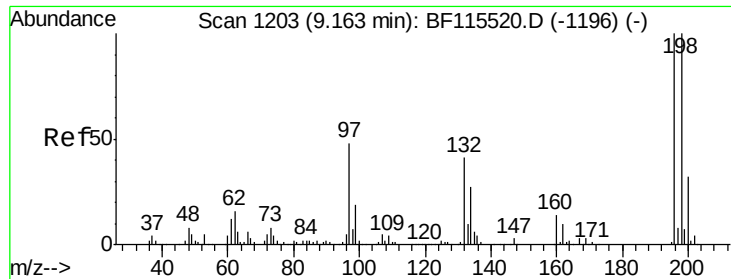
#42
2,4,6-Tribromophenol
Concen: 90.241 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:330 Resp: 313297
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 32.2 25.9 38.9



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

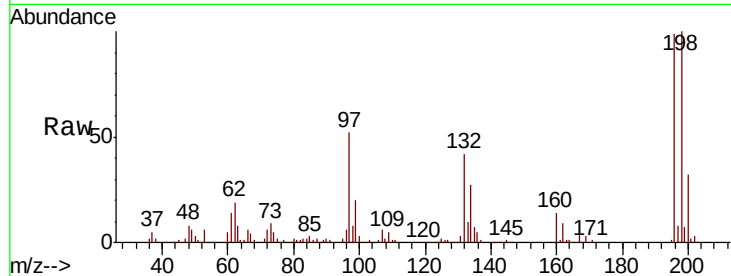




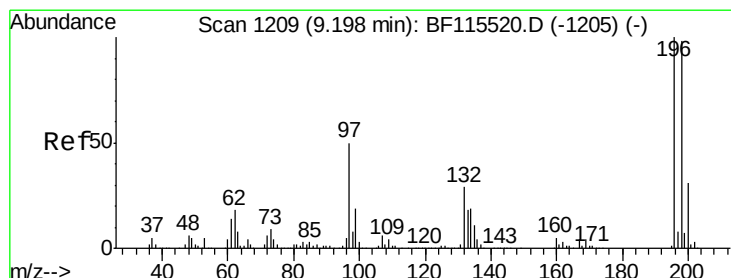
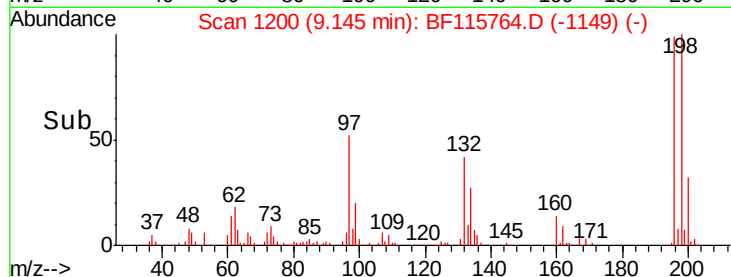
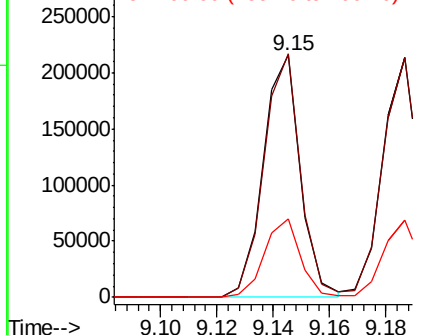
#43
 2,4,6-Trichlorophenol
 Concen: 30.057 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion:196 Resp: 196872
 Ion Ratio Lower Upper
 196 100
 198 100.6 79.8 119.6
 200 32.7 25.4 38.0

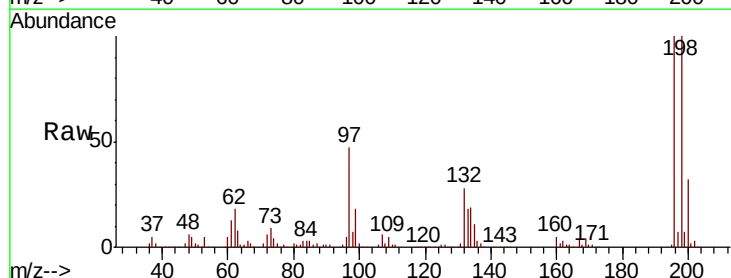


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

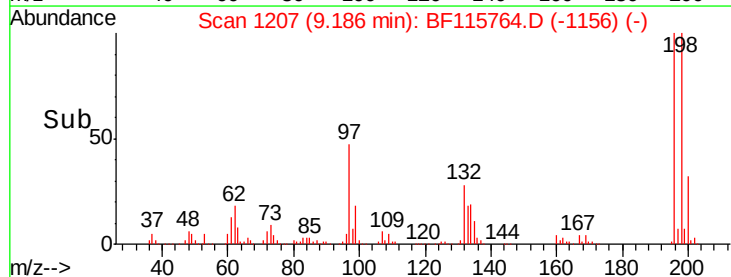
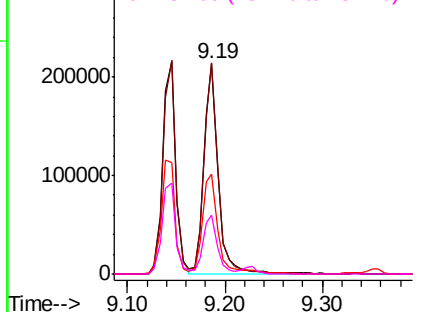


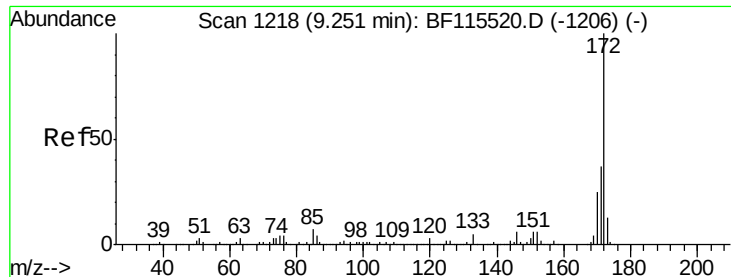
#44
 2,4,5-Trichlorophenol
 Concen: 31.899 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:196 Resp: 213973
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.2 117.2
 97 47.4 41.9 62.9
 132 28.1 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

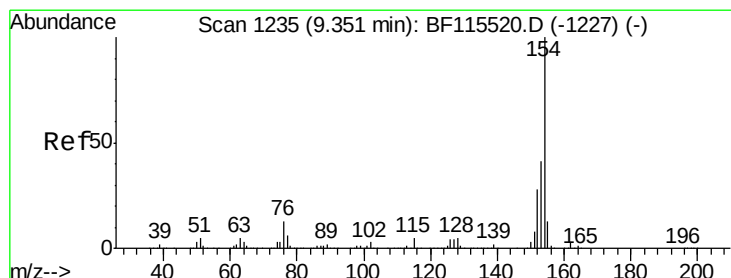
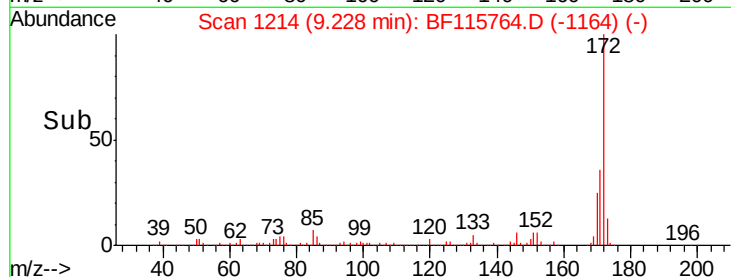
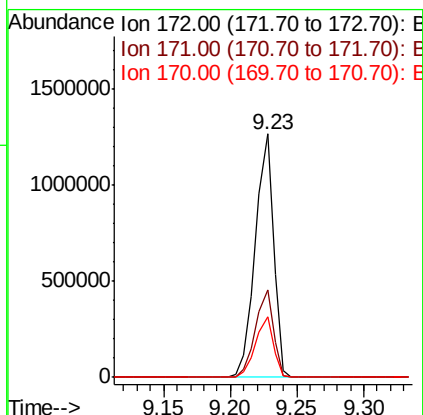
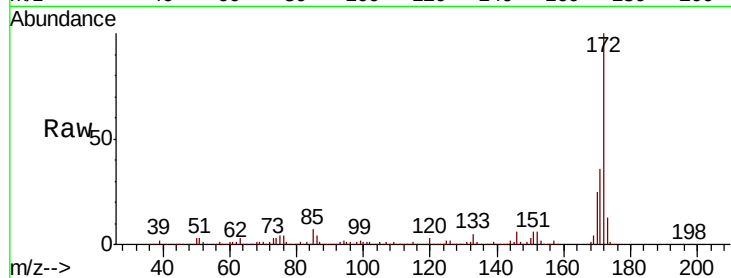




#45
2-Fluorobiphenyl
Concen: 69.630 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

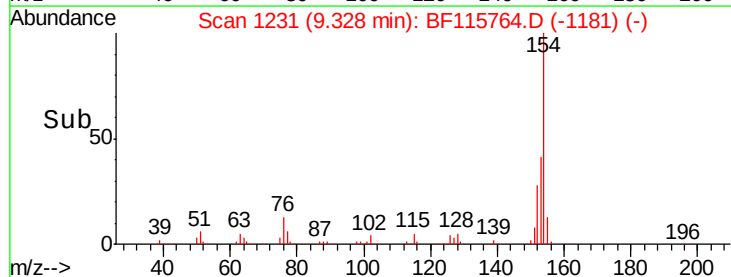
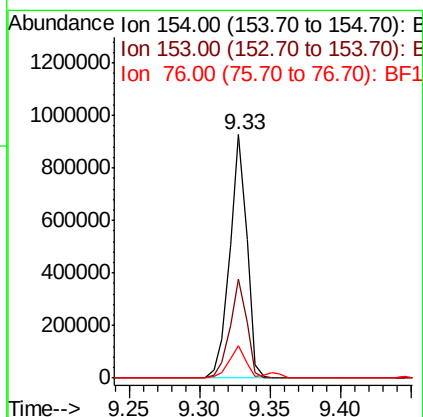
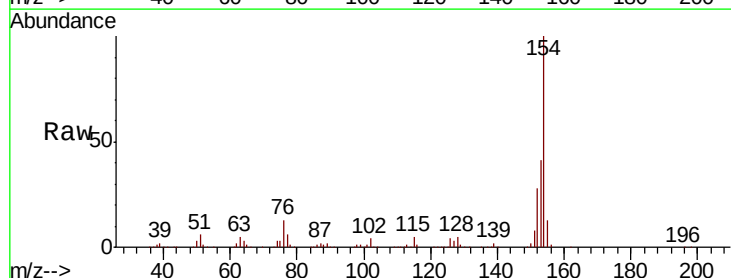
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

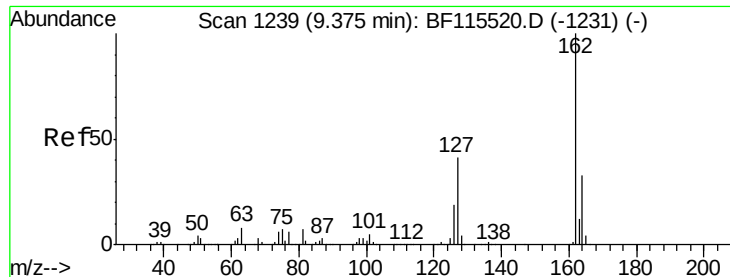
Tot Ion:172 Resp: 1183251
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 33.467 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:154 Resp: 778199
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 13.4 0.0 33.2

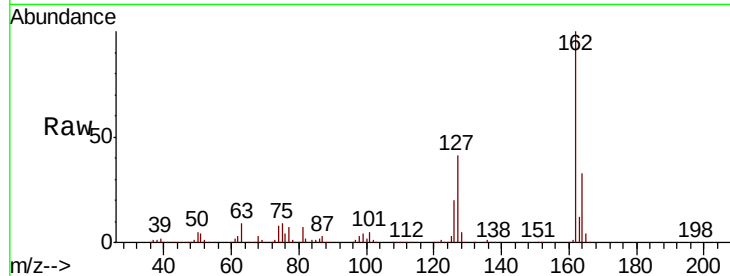




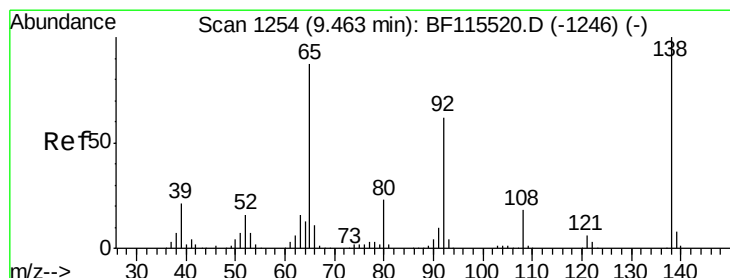
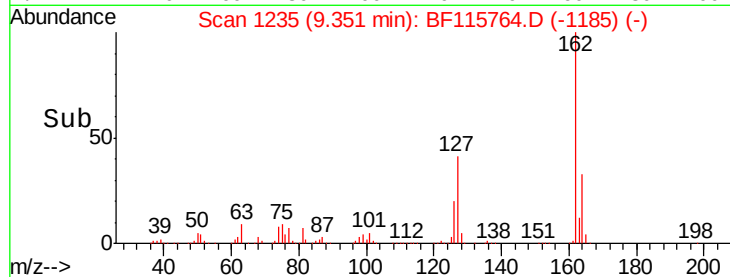
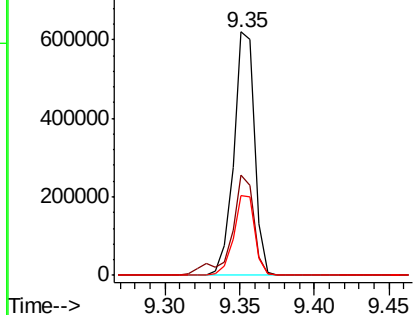
#47
 2-Chloronaphthalene
 Concen: 31.582 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.1	48.1
164	32.9	26.2	39.4

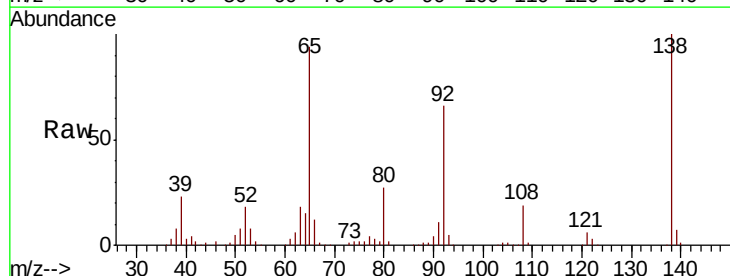


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

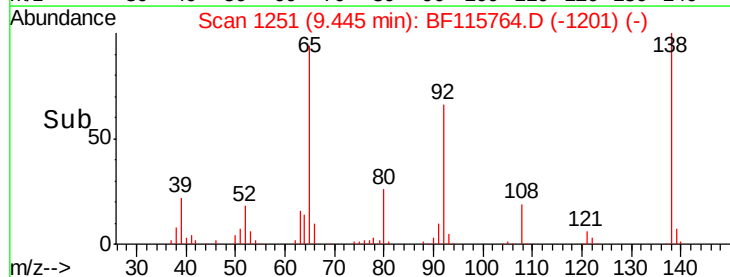
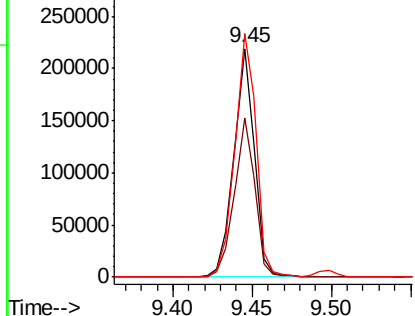


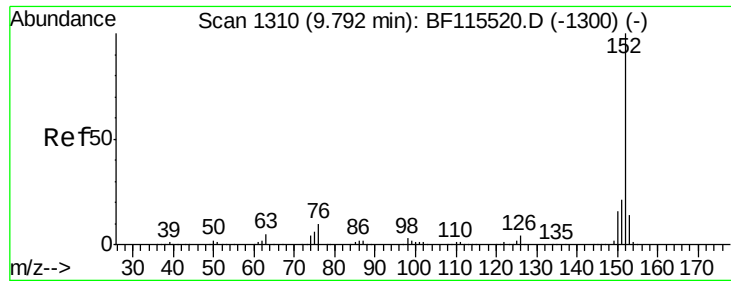
#48
 2-Nitroaniline
 Concen: 33.126 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	56.9	85.3
138	106.4	91.4	137.2



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





#49

Acenaphthylene

Concen: 33.614 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

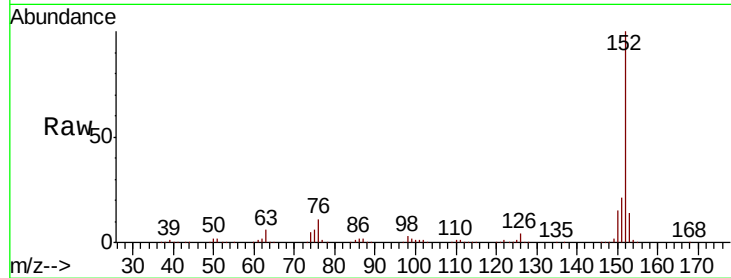
Tot Ion:152 Resp: 964366

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

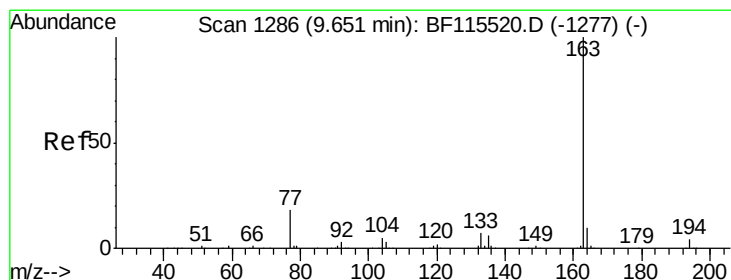
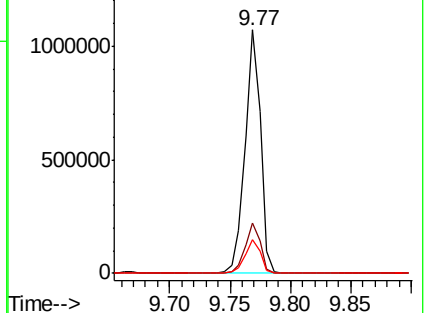
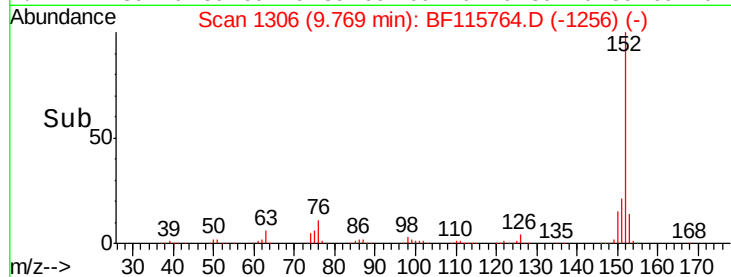
153 14.0 11.5 17.3



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: 44.012 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

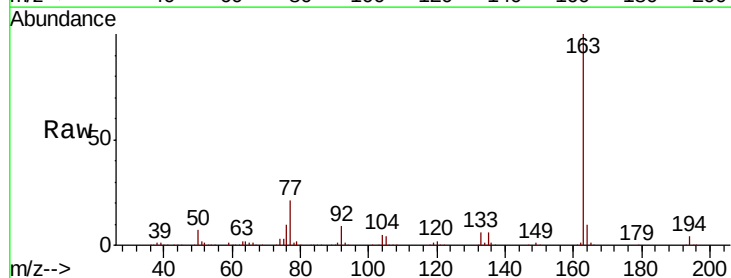
Tgt Ion:163 Resp: 984909

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

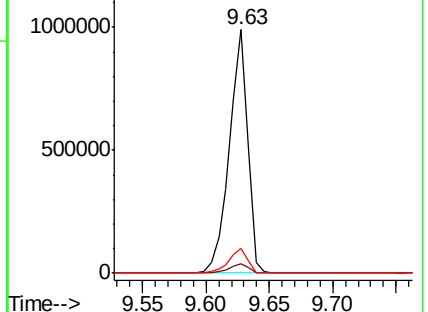
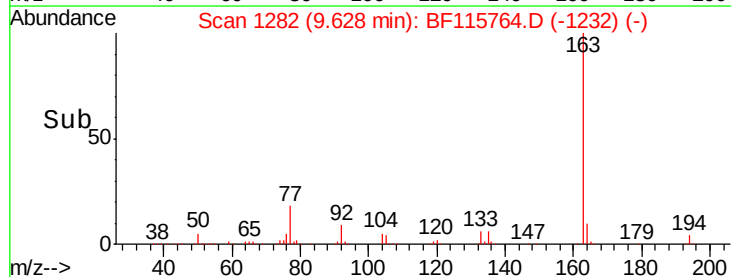
164 10.4 8.3 12.5

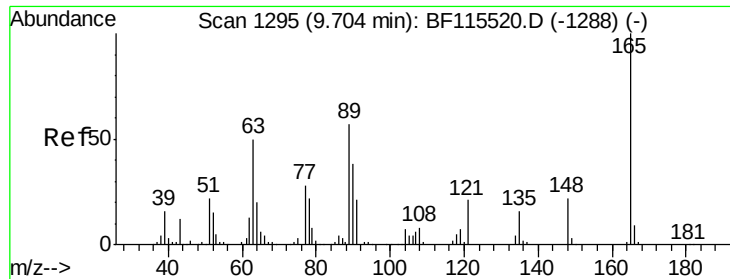


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

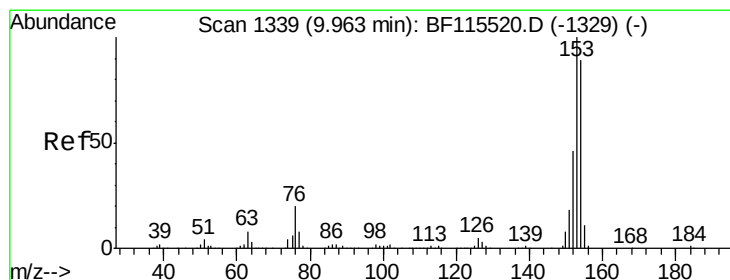
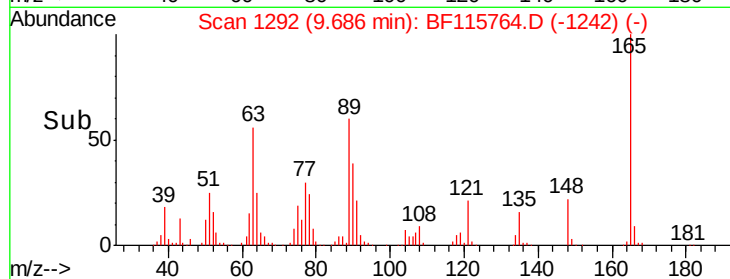
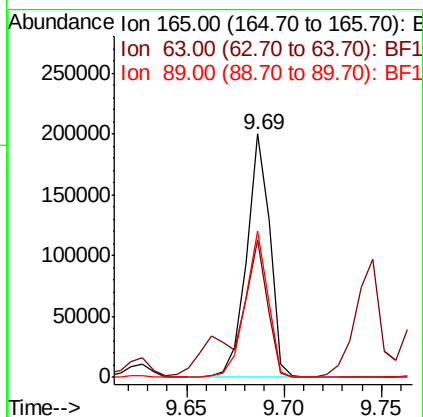
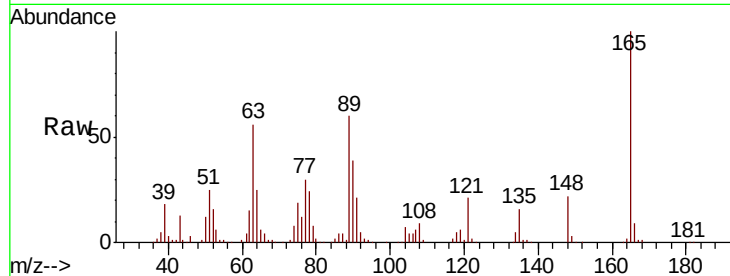




#51
2,6-Dinitrotoluene
Concen: 32.458 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

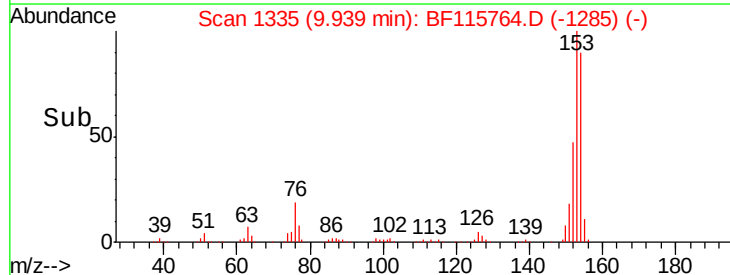
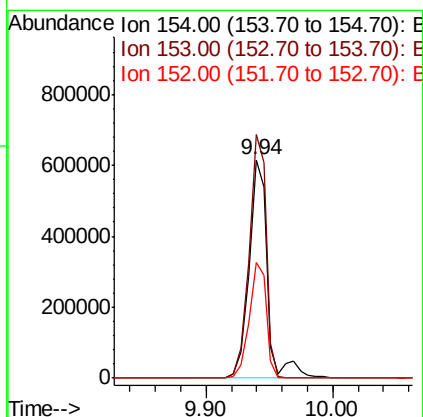
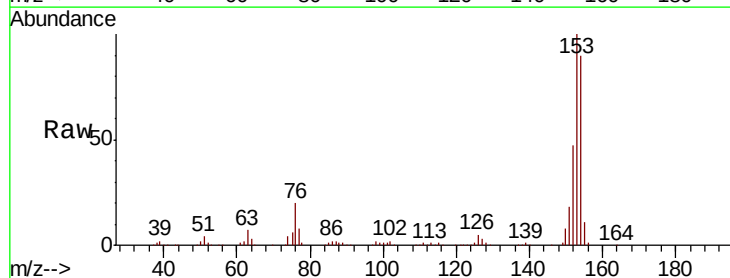
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

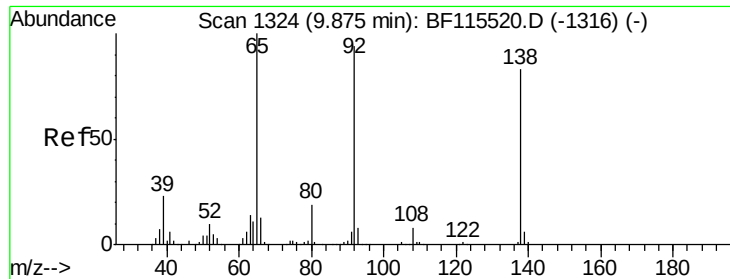
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	43.5	65.3
89	60.2	46.3	69.5



#52
Acenaphthene
Concen: 33.685 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.1	132.1
152	52.8	42.0	63.0

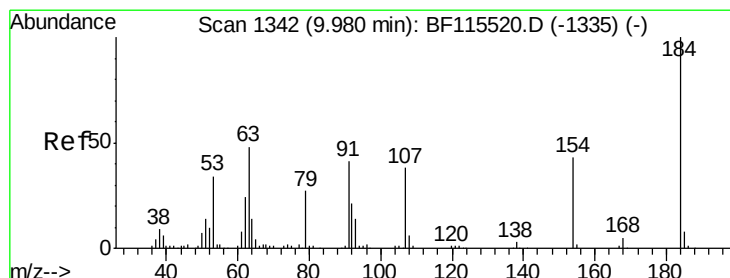
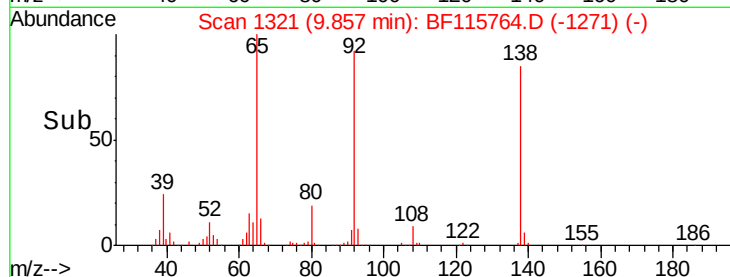
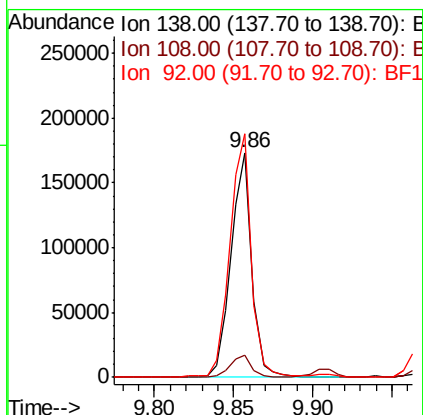
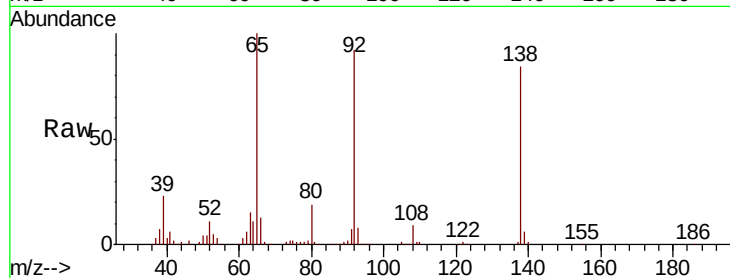




#53
 3-Nitroaniline
 Concen: 27.187 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

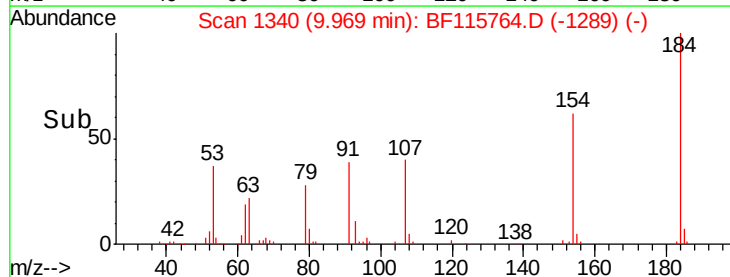
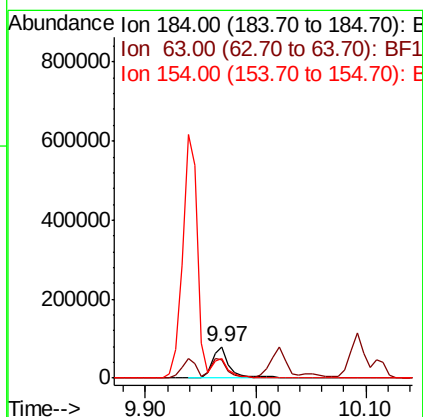
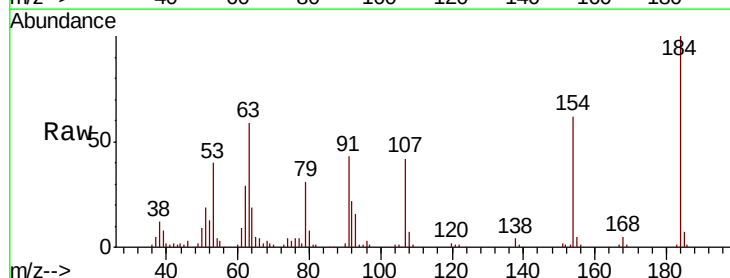
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

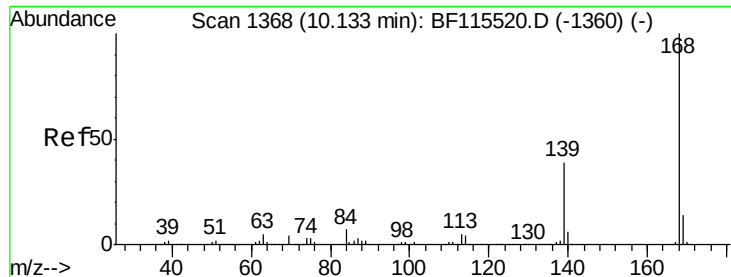
Tot Ion:138 Resp: 158001
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.9 11.9
 92 108.3 87.2 130.8



#54
 2,4-Dinitrophenol
 Concen: 31.870 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:184 Resp: 83213
 Ion Ratio Lower Upper
 184 100
 63 59.4 55.2 82.8
 154 62.4 51.4 77.0

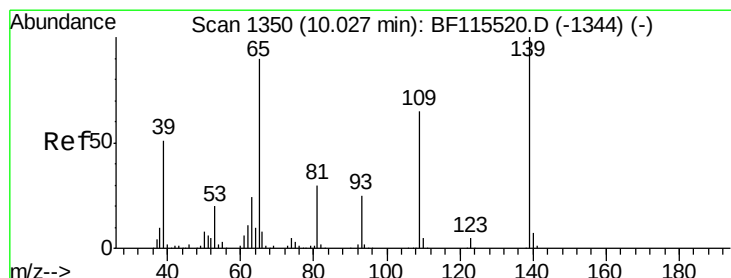
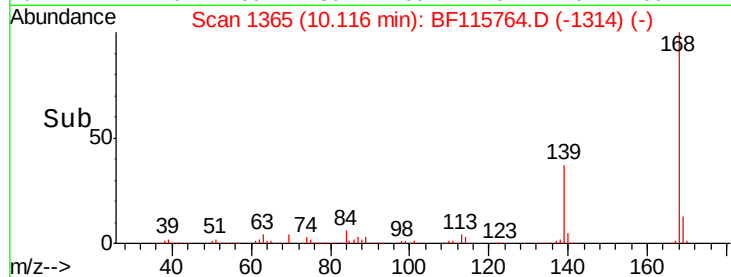
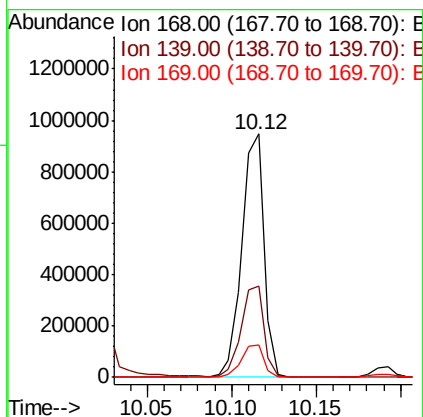
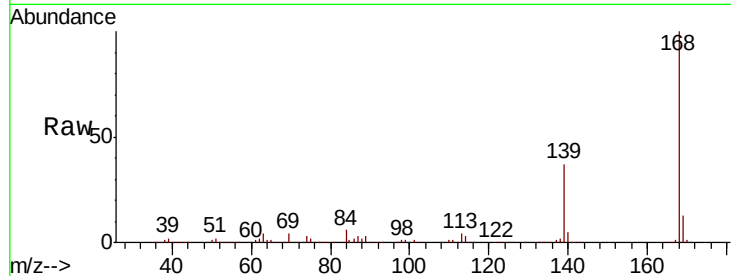




#55
Dibenzenofuran
Concen: 33.104 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

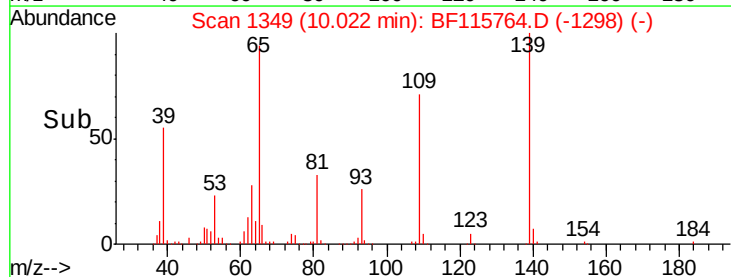
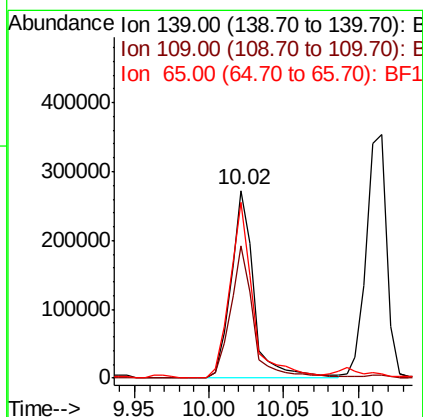
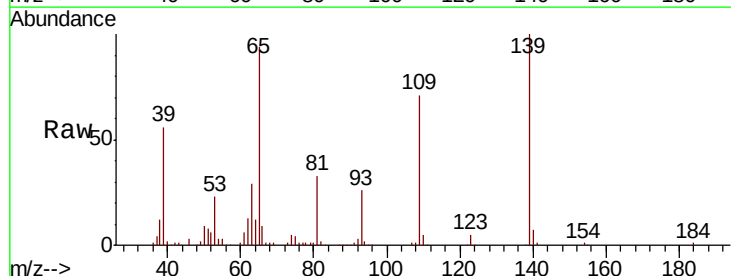
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

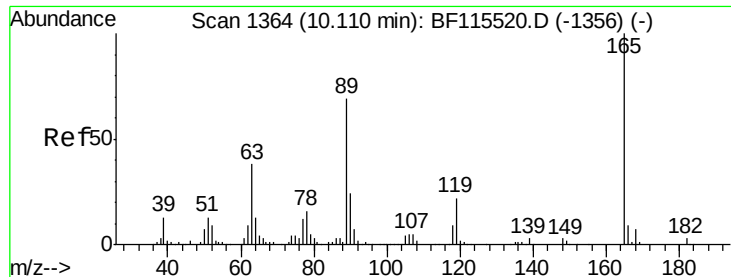
Tot Ion:168 Resp: 870772
Ion Ratio Lower Upper
168 100
139 37.3 31.4 47.2
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 66.658 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:139 Resp: 295400
Ion Ratio Lower Upper
139 100
109 70.7 51.2 91.2
65 93.7 76.0 116.0

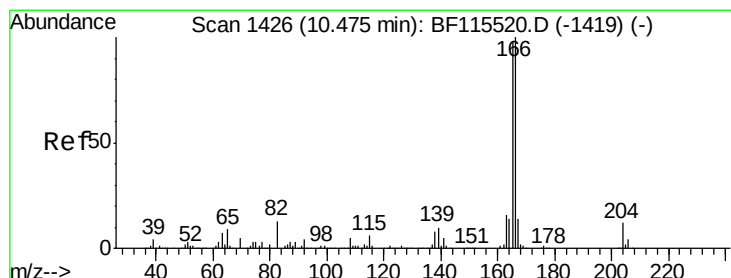
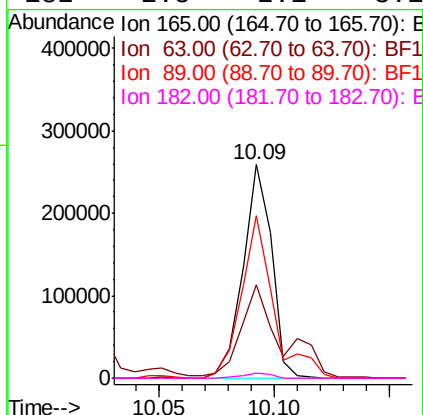
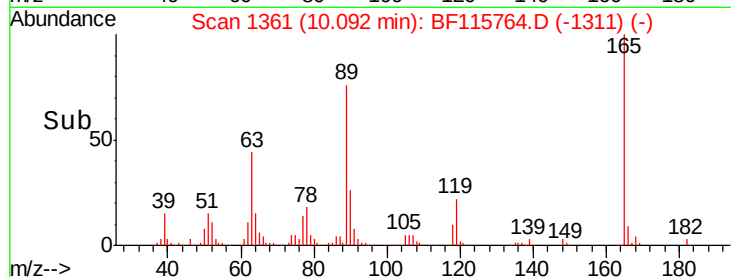
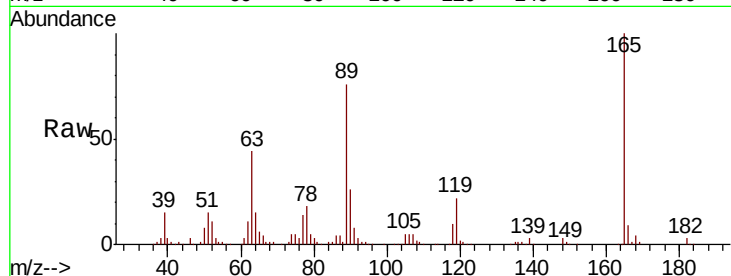




#57
2,4-Dinitrotoluene
Concen: 34.118 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

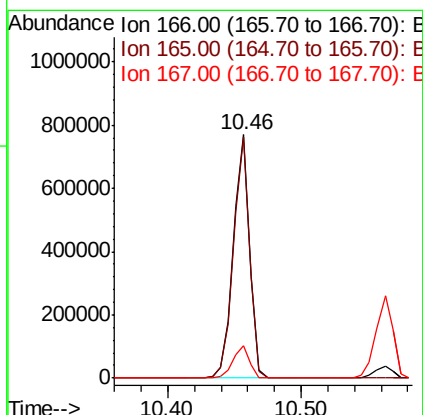
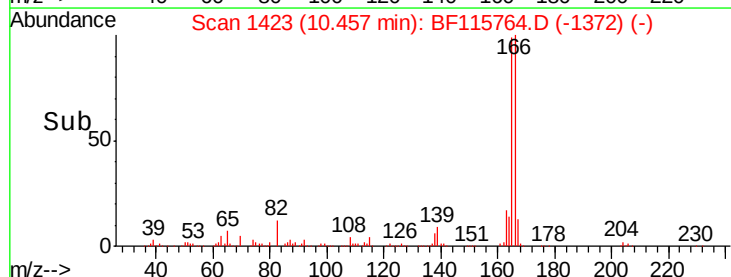
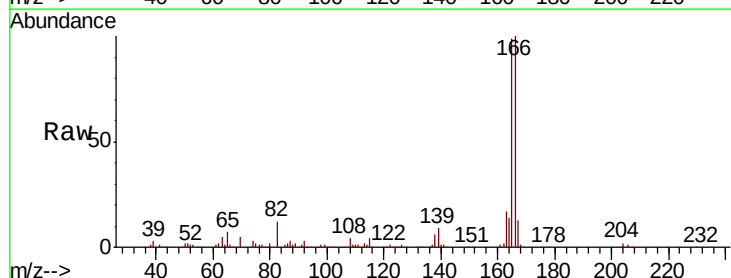
Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

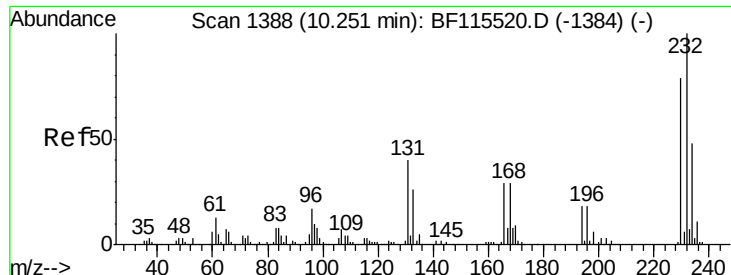
Tot Ion:165	Resp:	224788
Ion Ratio	Lower	Upper
165	100	
63	44.0	33.4 50.2
89	76.0	57.3 85.9
182	2.5	2.1 3.1



#58
Fluorene
Concen: 35.328 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:166	Resp:	664312
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.0 118.4
167	13.4	11.0 16.6

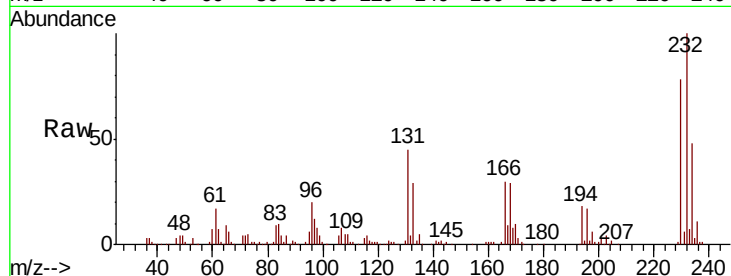




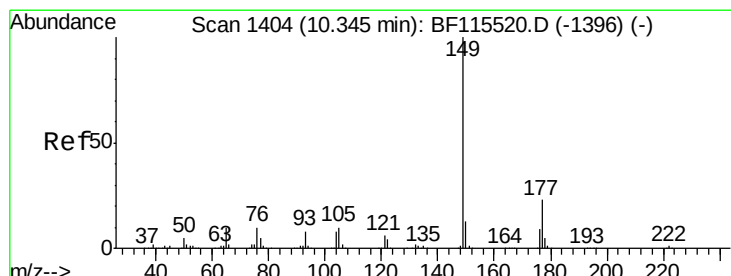
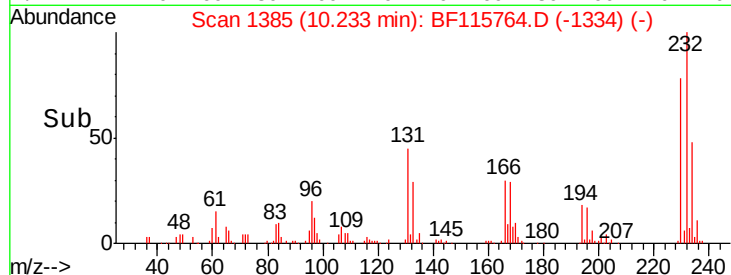
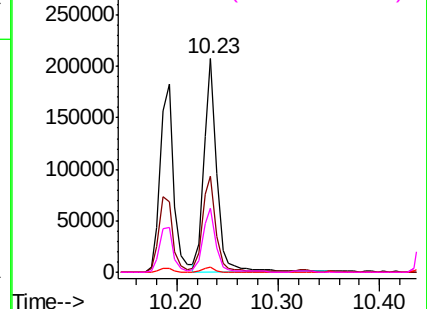
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.689 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion:232 Resp: 183303
 Ion Ratio Lower Upper
 232 100
 131 46.4 35.8 53.8
 130 2.3 1.8 2.6
 166 30.4 23.6 35.4

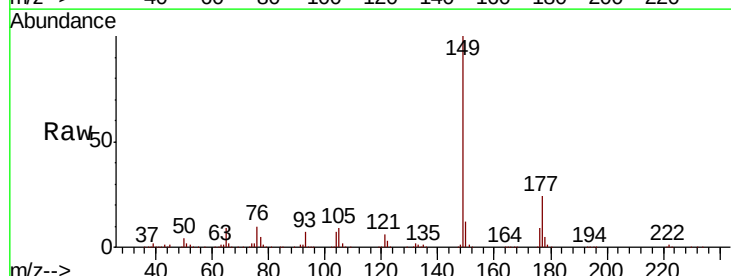


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

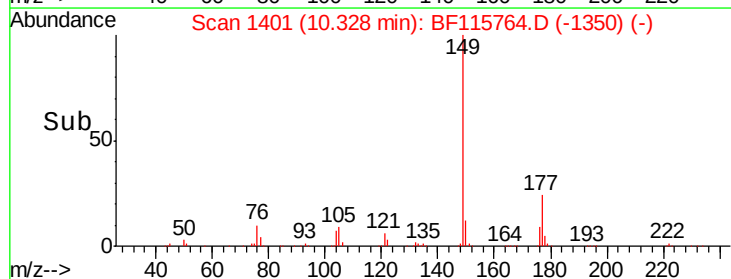
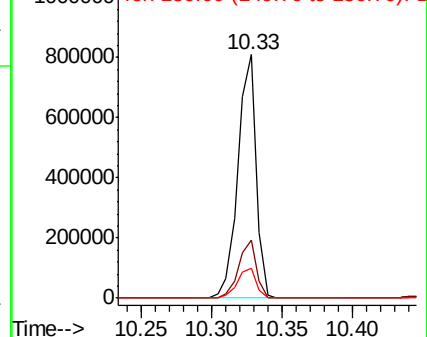


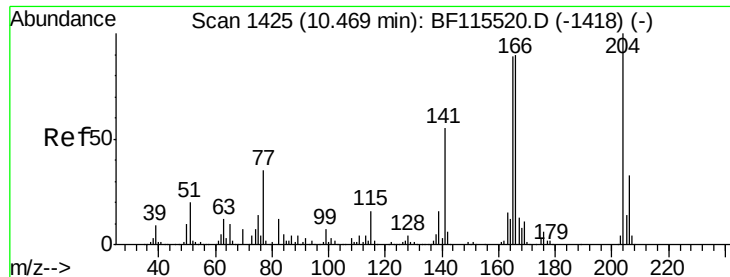
#60
 Diethylphthalate
 Concen: 34.683 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:149 Resp: 727206
 Ion Ratio Lower Upper
 149 100
 177 23.6 19.0 28.4
 150 12.4 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

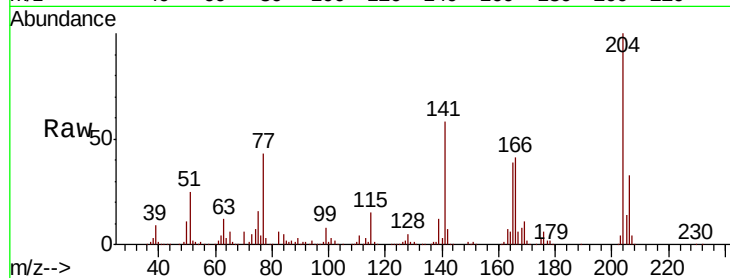




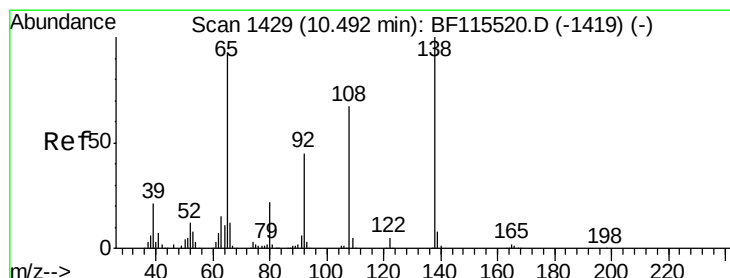
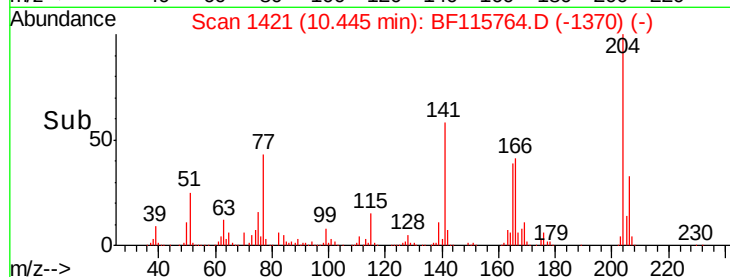
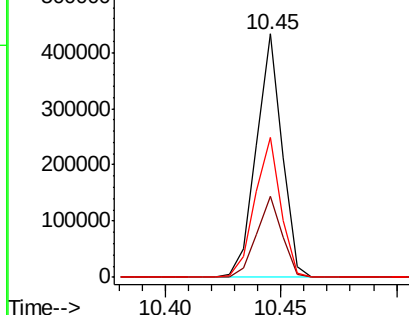
#61
4-Chlorophenyl-phenylether
Concen: 32.405 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:204 Resp: 337919
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 57.5 47.3 70.9

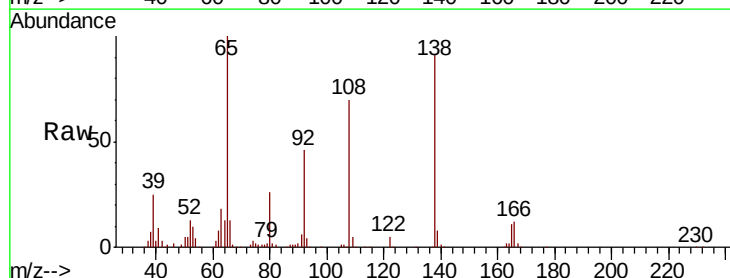


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

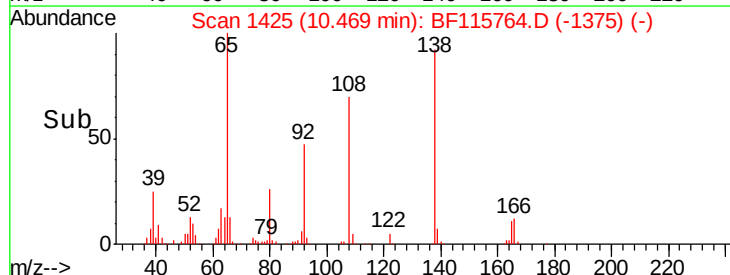
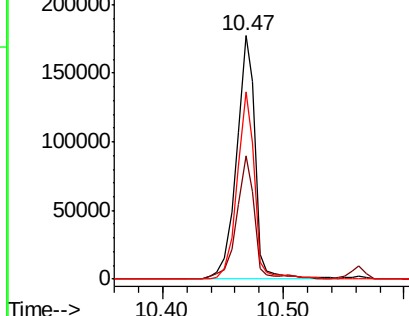


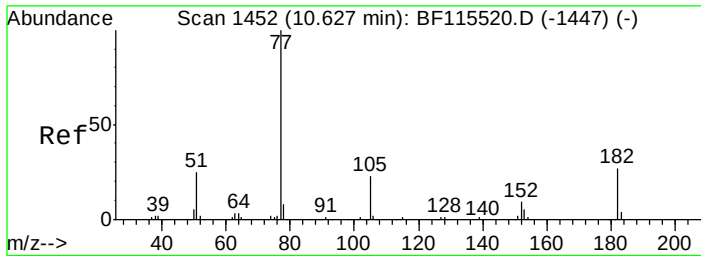
#62
4-Nitroaniline
Concen: 34.327 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:138 Resp: 191355
Ion Ratio Lower Upper
138 100
92 50.7 30.3 70.3
108 76.8 55.0 95.0



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

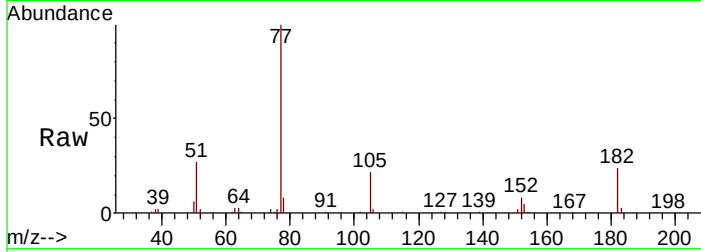




#63
Azobenzene
Concen: 36.555 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion: 77 Resp: 743441
Ion Ratio Lower Upper
77 100
182 23.9 6.9 46.9
105 21.7 3.1 43.1

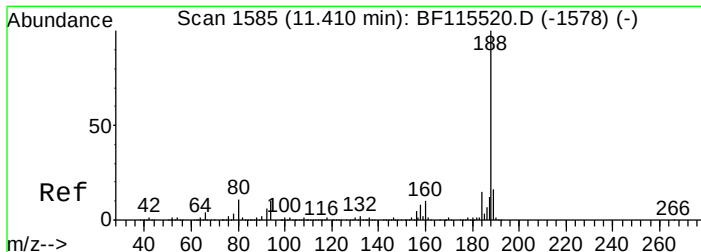
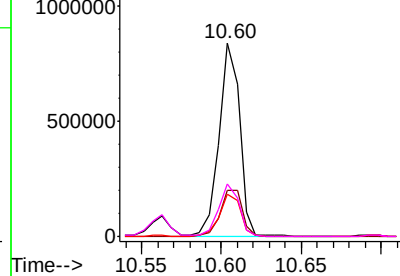


Abundance

Scan 1448 (10.604 min): BF115764.D (-1398) (-)

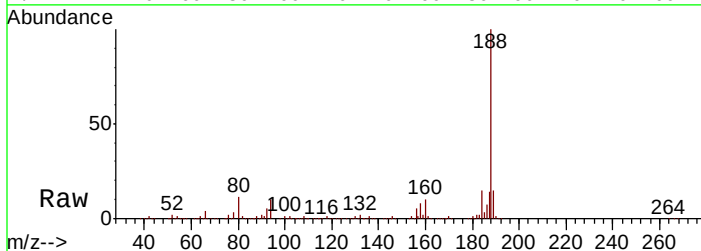
Sub

m/z-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion: 188 Resp: 554750
Ion Ratio Lower Upper
188 100

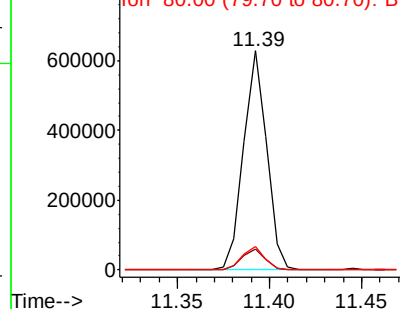


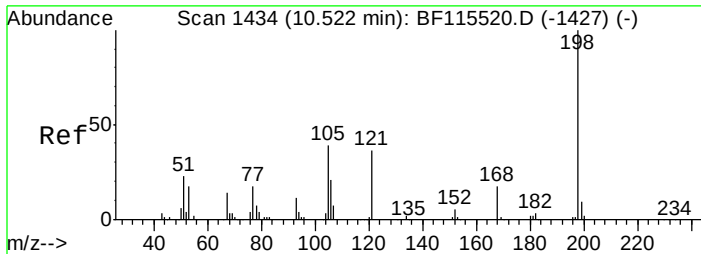
Abundance

Scan 1582 (11.392 min): BF115764.D (-1531) (-)

Sub

m/z-->

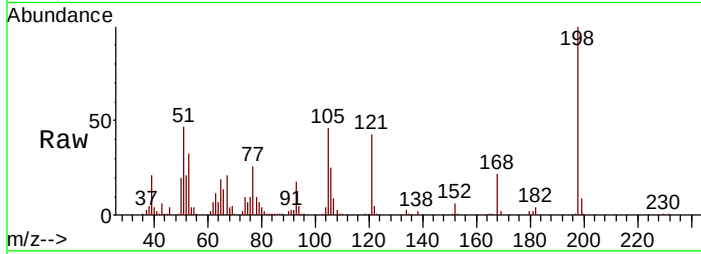




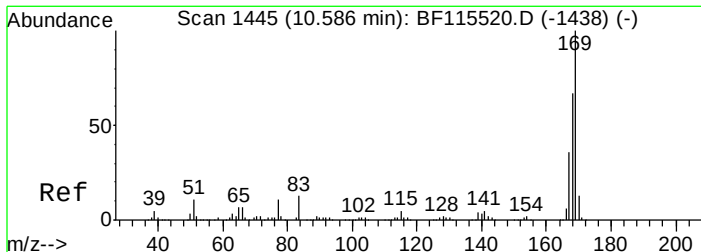
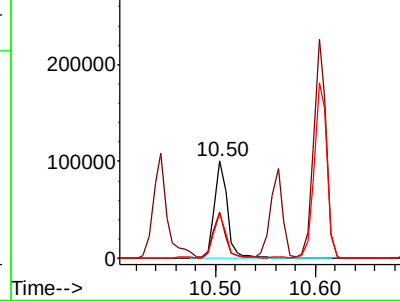
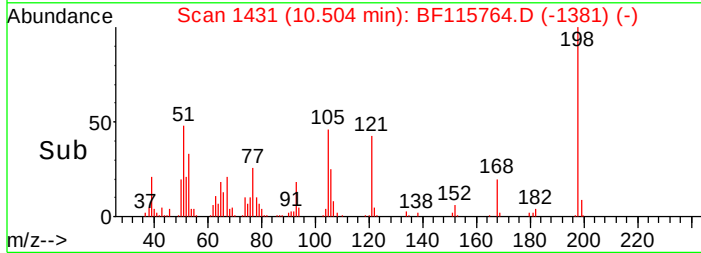
#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.727 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion:198 Resp: 90586
 Ion Ratio Lower Upper
 198 100
 51 47.3 20.3 60.3
 105 46.1 24.7 64.7

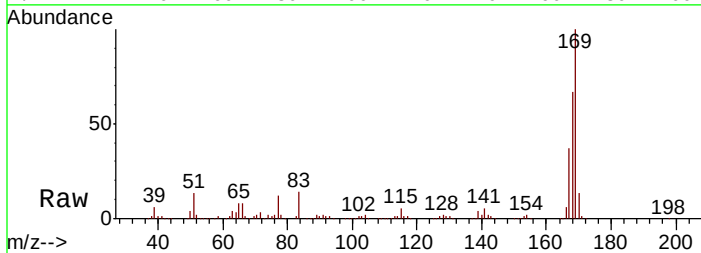


Abundance Ion 198.00 (197.70 to 198.70):
 Ion 51.00 (50.70 to 51.70): BF
 Ion 105.00 (104.70 to 105.70):

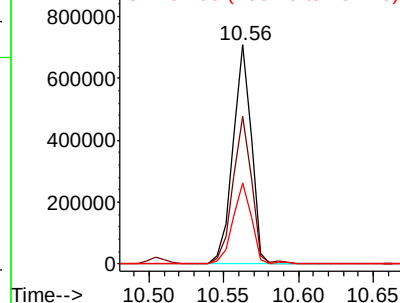
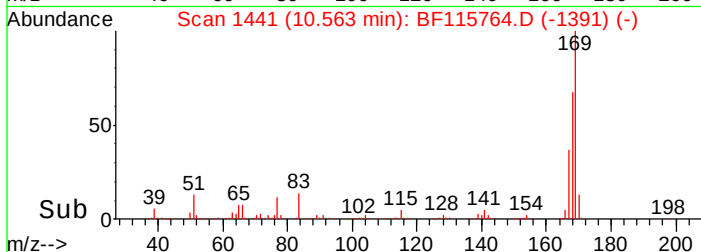


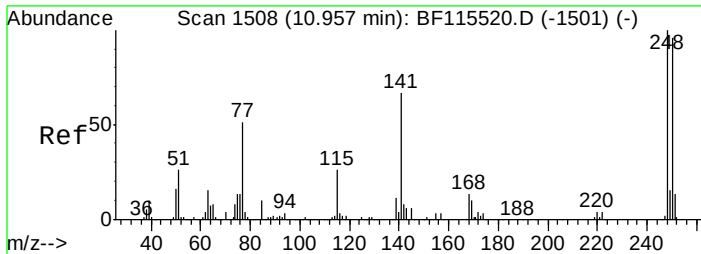
#66
 n-Nitrosodiphenylamine
 Concen: 35.397 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:169 Resp: 610816
 Ion Ratio Lower Upper
 169 100



Abundance Ion 169.00 (168.70 to 169.30):
 Ion 167.00 (166.70 to 167.70):
 Ion 168.00 (167.70 to 168.70):

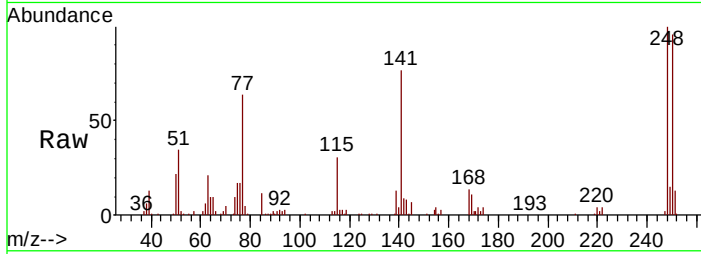




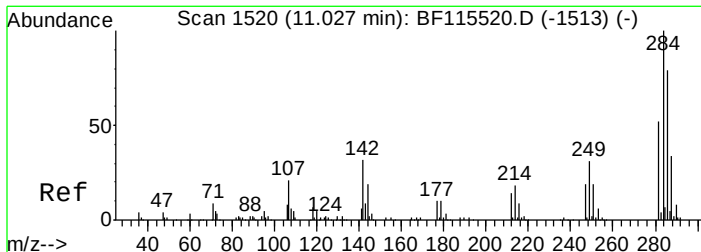
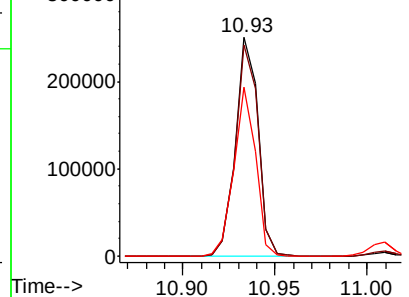
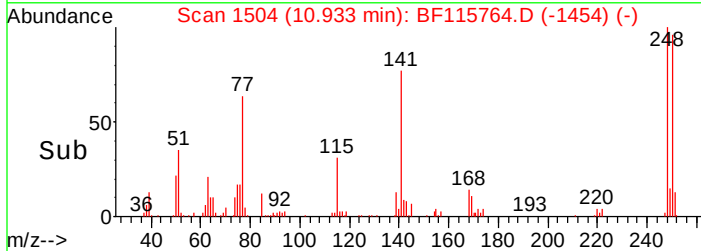
#67
 4-Bromophenyl-phenylether
 Concen: 33.754 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion:248 Resp: 213985
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.0 115.4
 141 76.9 52.1 78.1

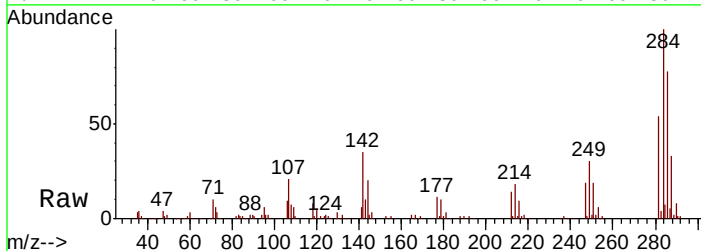


Abundance Ion 248.00 (247.70 to 248.70):
 Ion 250.00 (249.70 to 250.70):
 Ion 141.00 (140.70 to 141.70):

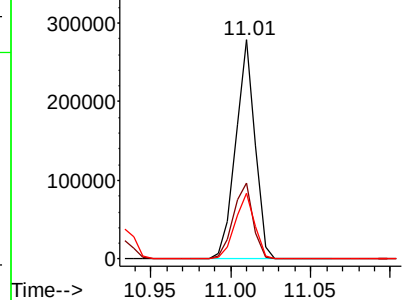
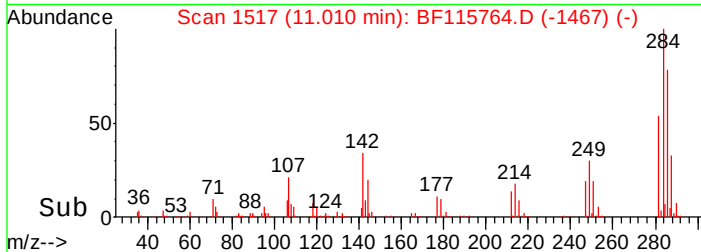


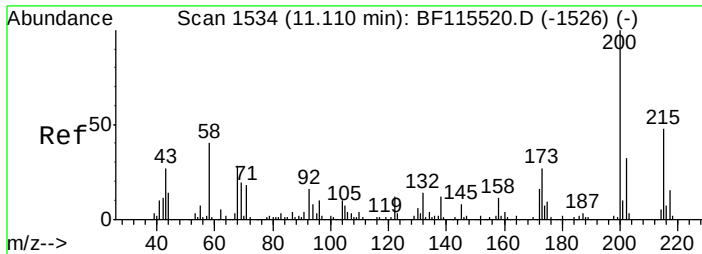
#68
 Hexachlorobenzene
 Concen: 32.531 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:284 Resp: 235517
 Ion Ratio Lower Upper
 284 100



Abundance Ion 284.00 (283.70 to 284.30):
 Ion 142.00 (141.70 to 142.70):
 Ion 249.00 (248.70 to 249.70):

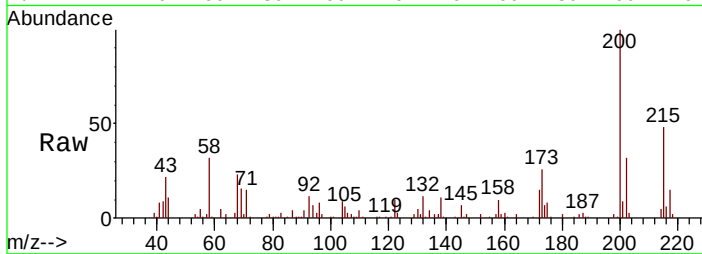




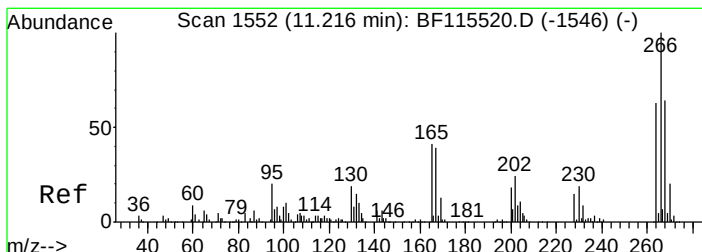
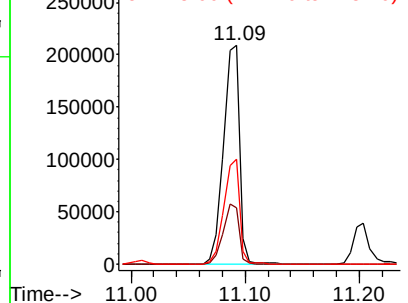
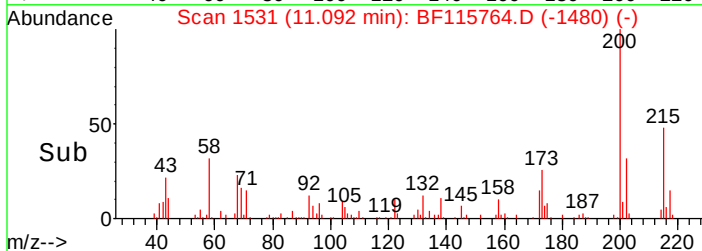
#69
 Atrazine
 Concen: 36.279 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion:200 Resp: 205378
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.9 46.9
 215 48.1 26.6 66.6

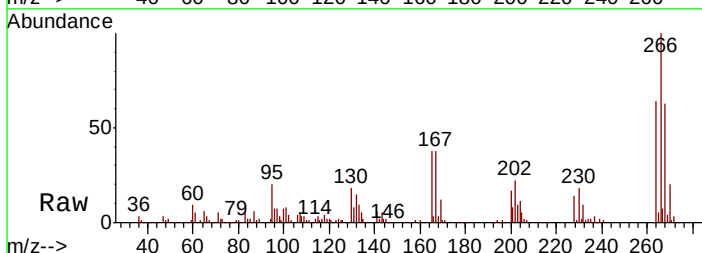


Abundance Ion 200.00 (199.70 to 200.70):
 Ion 173.00 (172.70 to 173.70):
 Ion 215.00 (214.70 to 215.70):

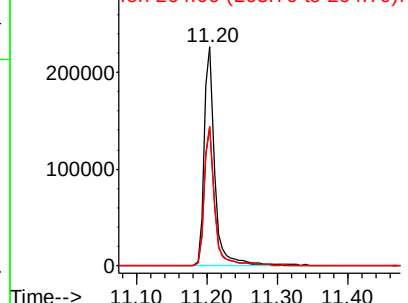
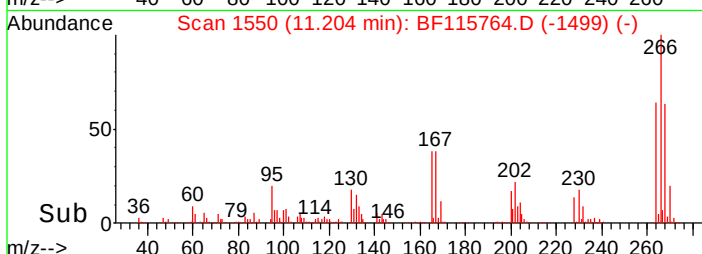


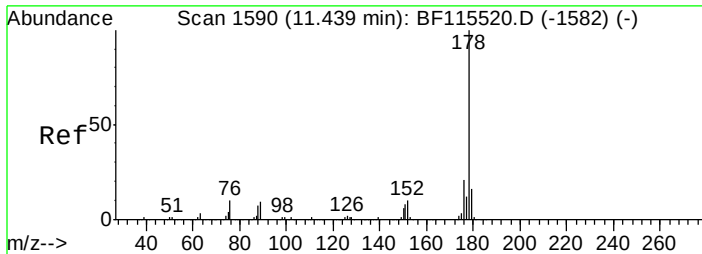
#70
 Pentachlorophenol
 Concen: 54.664 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:266 Resp: 242049
 Ion Ratio Lower Upper
 266 100



Abundance Ion 266.00 (265.70 to 266.70):
 Ion 268.00 (267.70 to 268.70):
 Ion 264.00 (263.70 to 264.70):

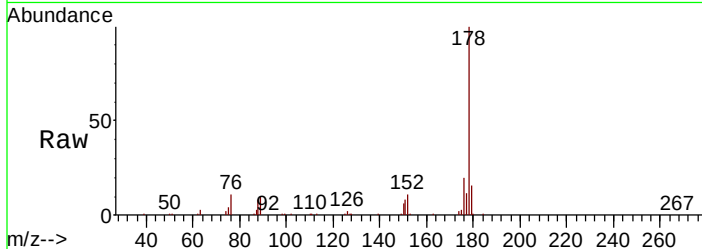




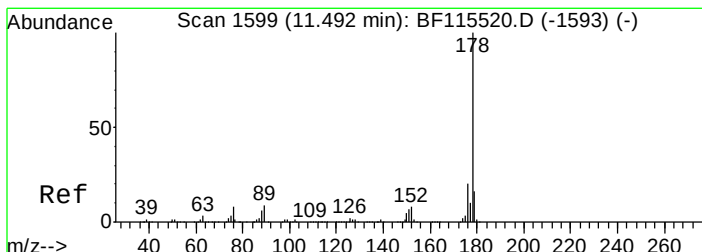
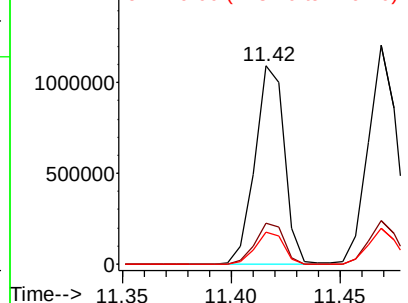
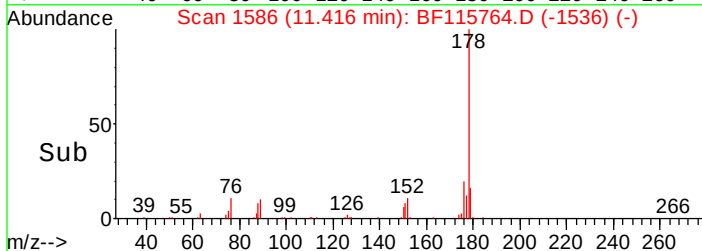
#71
Phenanthrene
Concen: 36.305 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tgt Ion:178 Resp: 1032379
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.1 12.7 19.1

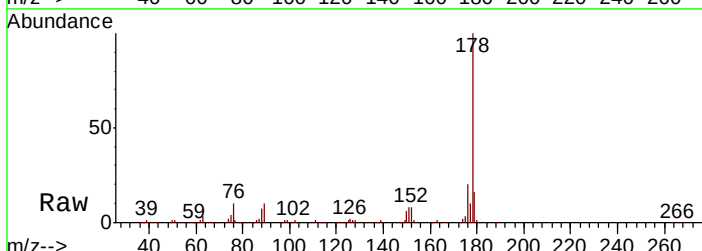


Abundance Ion 178.00 (177.70 to 178.70):
Ion 176.00 (175.70 to 176.70):
Ion 179.00 (178.70 to 179.70):

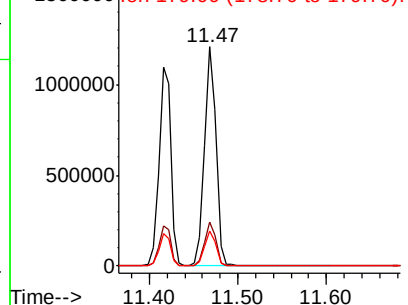
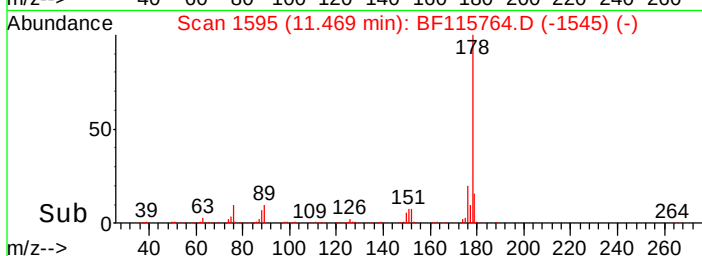


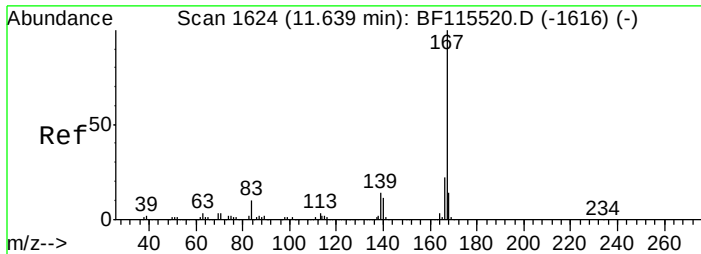
#72
Anthracene
Concen: 36.804 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:178 Resp: 1081593
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.2 12.6 18.8



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

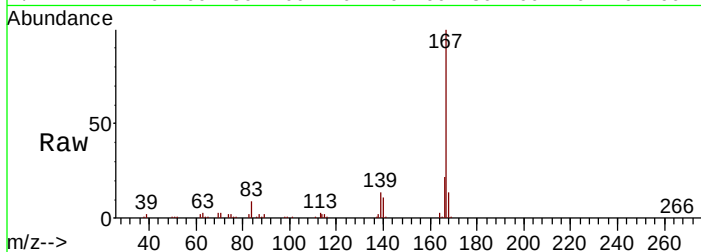




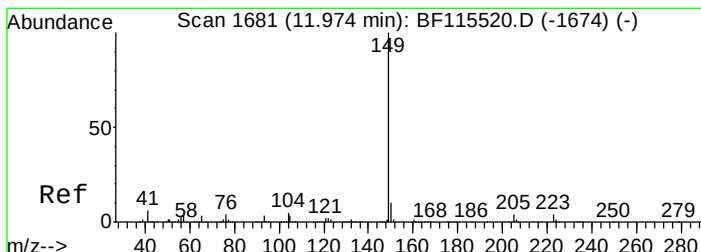
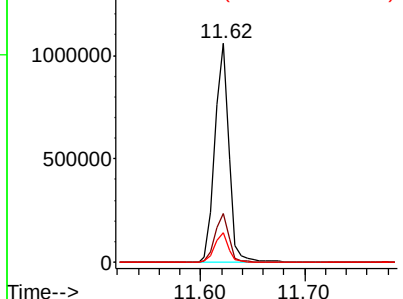
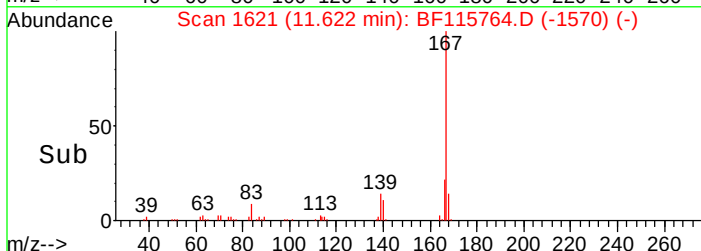
#73
 Carbazole
 Concen: 37.853 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tgt Ion:167 Resp: 975497
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 13.6 11.1 16.7

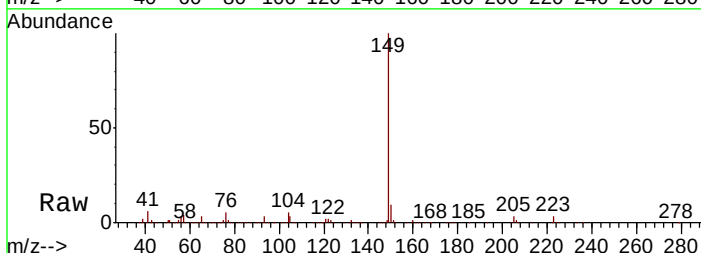


Abundance Ion 167.00 (166.70 to 167.70):
 Ion 166.00 (165.70 to 166.70):
 Ion 139.00 (138.70 to 139.70):

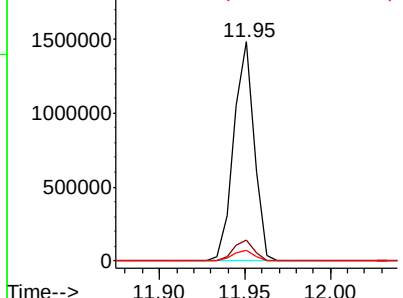
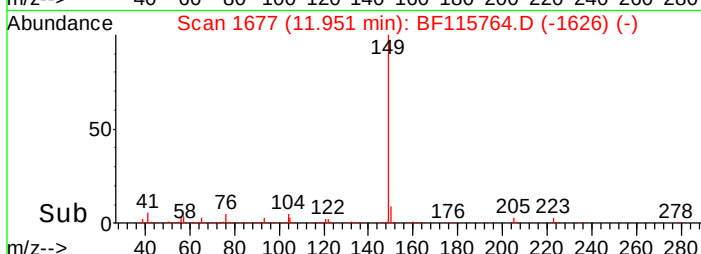


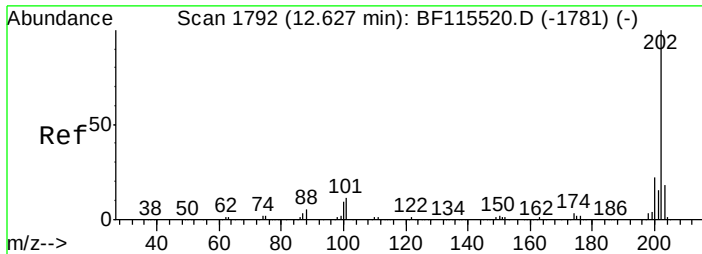
#74
 Di-n-butylphthalate
 Concen: 39.187 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:149 Resp: 1243930
 Ion Ratio Lower Upper
 149 100



Abundance Ion 149.00 (148.70 to 149.30):
 Ion 150.00 (149.70 to 150.70):
 Ion 104.00 (103.70 to 104.70):

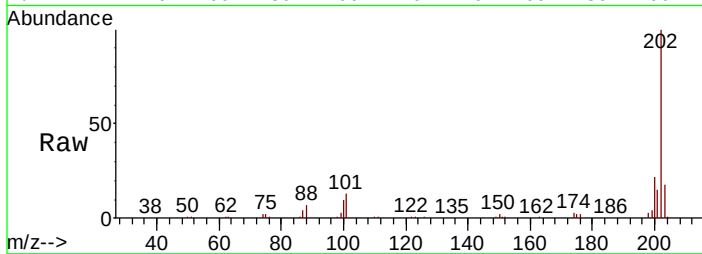




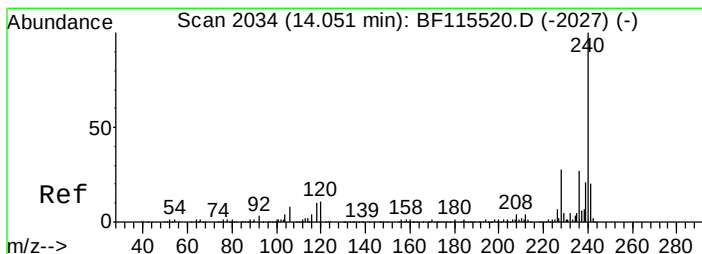
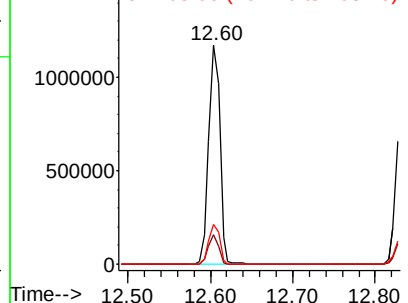
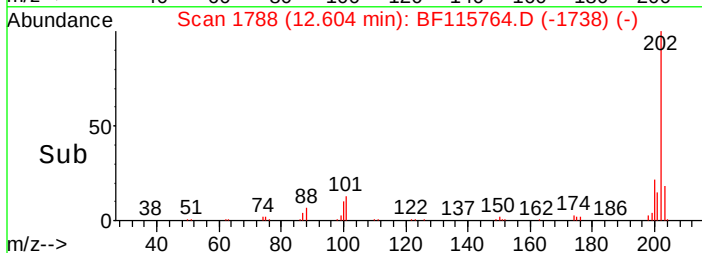
#75
 Fluoranthene
 Concen: 37.113 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion:202 Resp: 1115230
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.6
 203 18.3 0.0 38.0

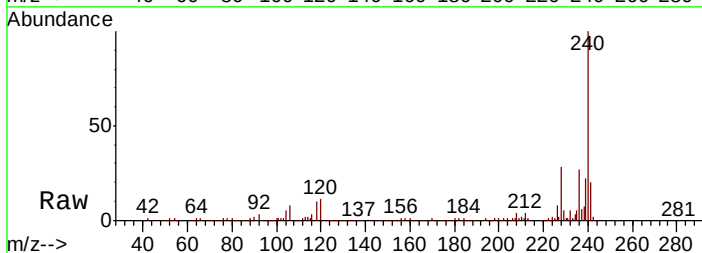


Abundance Ion 202.00 (201.70 to 202.70):
 Ion 101.00 (100.70 to 101.70):
 Ion 203.00 (202.70 to 203.70):

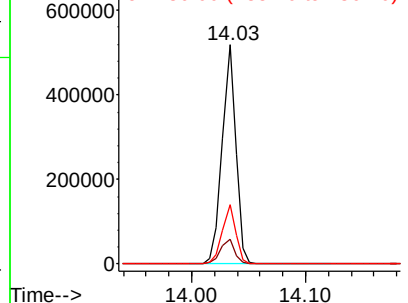
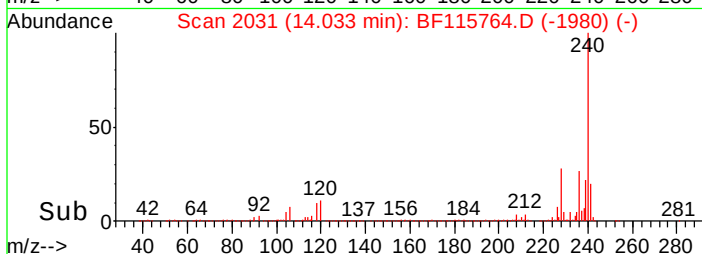


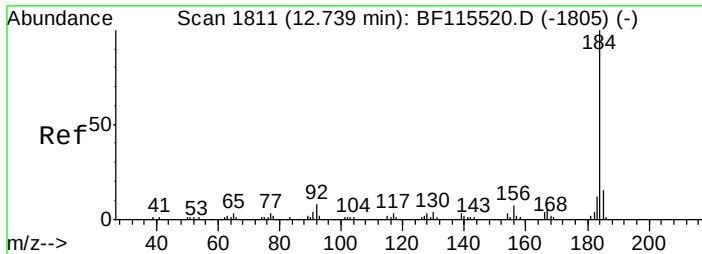
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:240 Resp: 432703
 Ion Ratio Lower Upper
 240 100



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

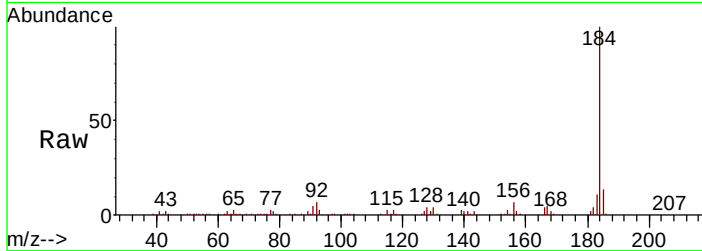




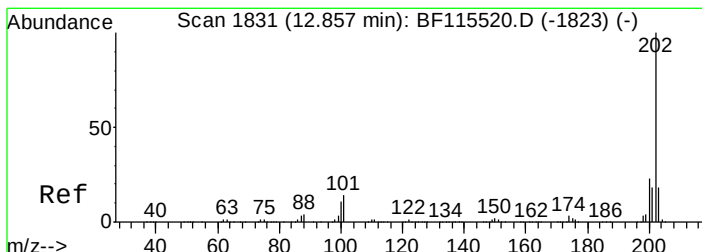
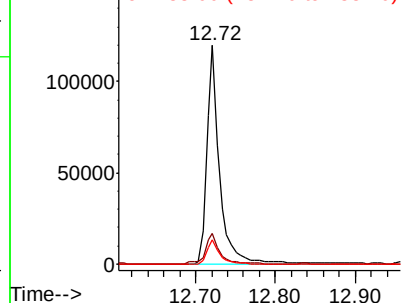
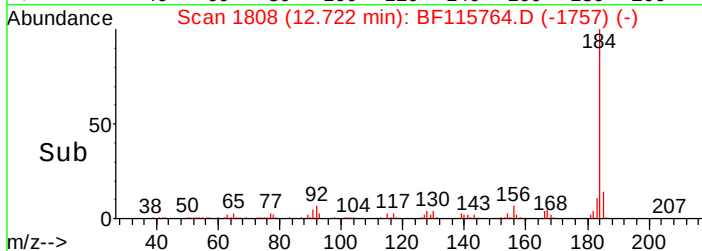
#77
Benzidine
Concen: 8.694 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:184 Resp: 133265
Ion Ratio Lower Upper
184 100
185 14.3 12.5 18.7
183 11.2 9.2 13.8

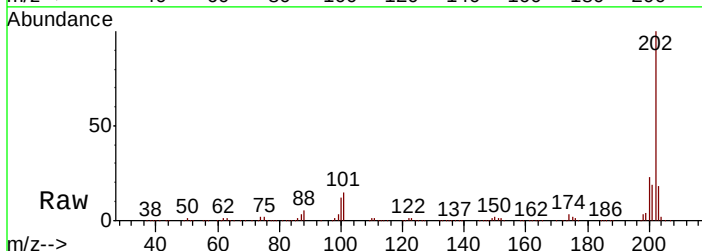


Abundance Ion 184.00 (183.70 to 184.70):
Ion 185.00 (184.70 to 185.70):
Ion 183.00 (182.70 to 183.70):

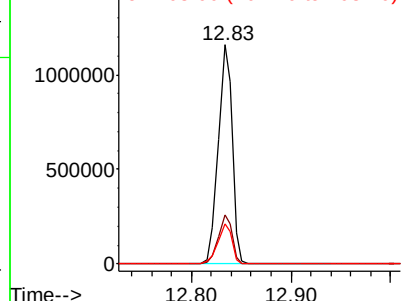
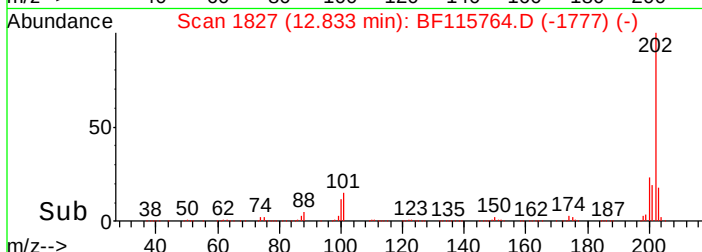


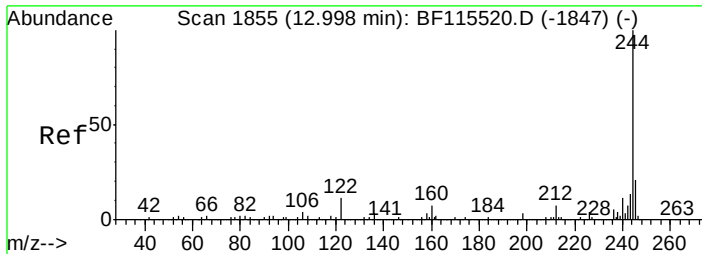
#78
Pyrene
Concen: 30.834 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:202 Resp: 1130395
Ion Ratio Lower Upper
202 100



Abundance Ion 202.00 (201.70 to 202.70): 4
Ion 200.00 (199.70 to 200.70): 8
Ion 203.00 (202.70 to 203.70): 8

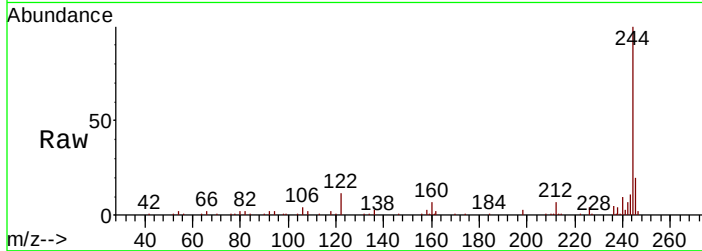




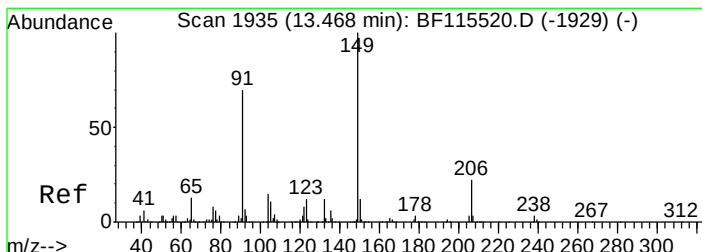
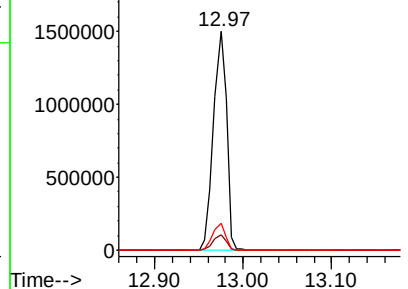
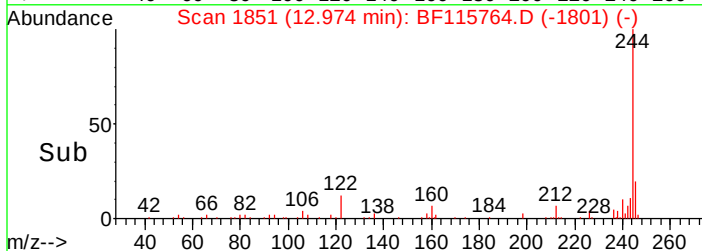
#79
 Terphenyl-d14
 Concen: 63.255 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

Tot Ion:244 Resp: 1483371
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 12.0 8.2 12.4

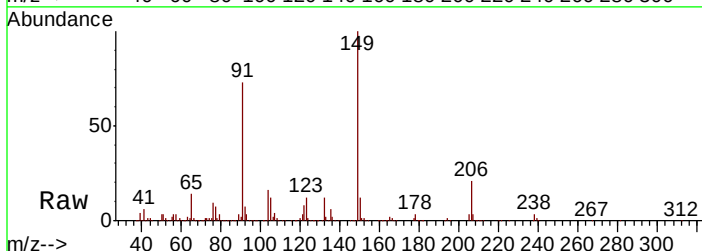


Abundance Ion 244.00 (243.70 to 244.70):
 Ion 212.00 (211.70 to 212.70):
 Ion 122.00 (121.70 to 122.70):

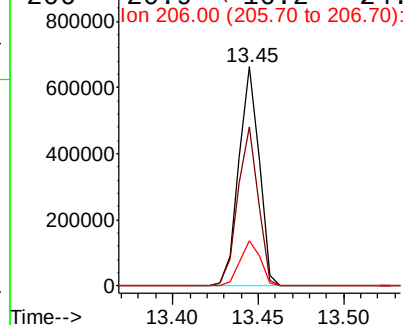
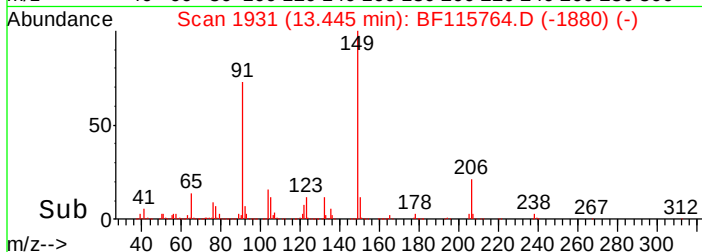


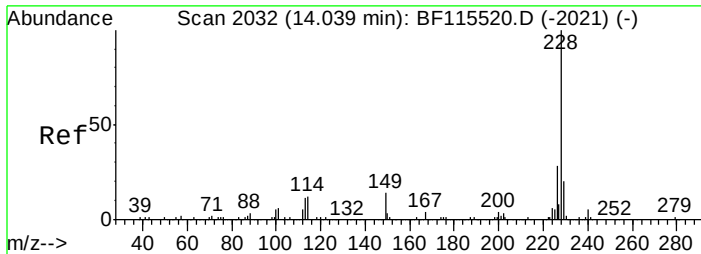
#80
 Butylbenzylphthalate
 Concen: 35.419 ng
 RT: 13.45 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:149 Resp: 553525
 Ion Ratio Lower Upper
 149 100



Abundance Ion 149.00 (148.70 to 149.30):
 Ion 91.00 (90.70 to 91.70):
 Ion 206.00 (205.70 to 206.70):





#81

Benzo(a)anthracene

Concen: 33.576 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF115764.D

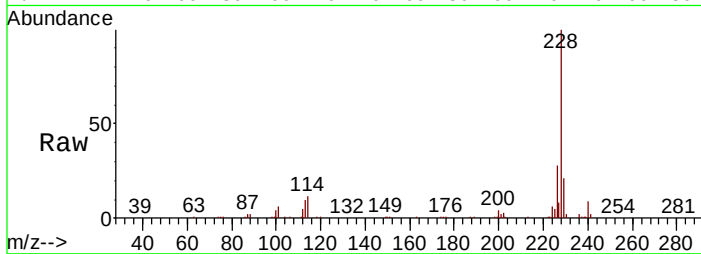
Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD



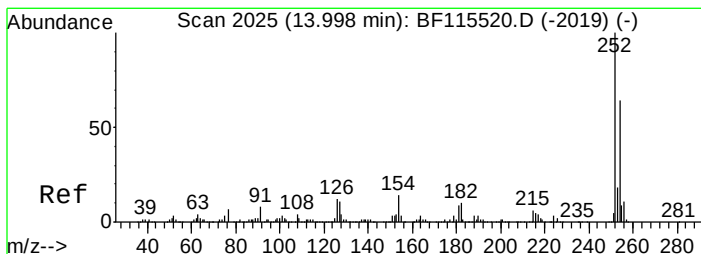
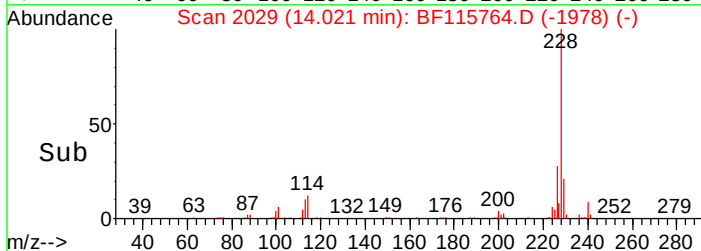
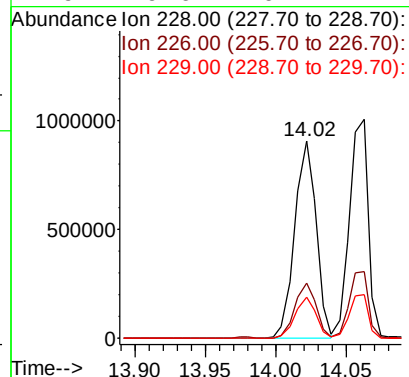
Tot Ion:228 Resp: 957126

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.2

229 20.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

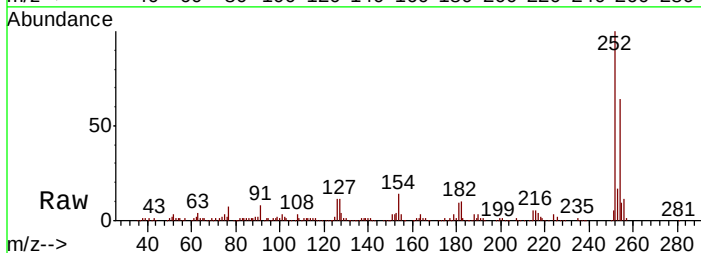
Concen: 33.328 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13



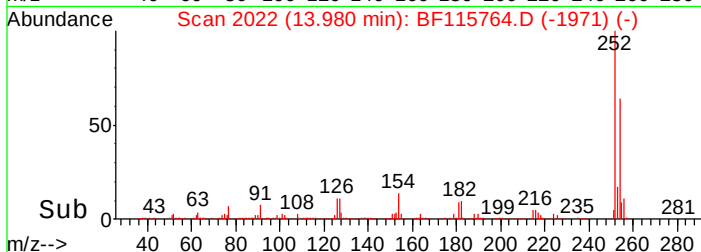
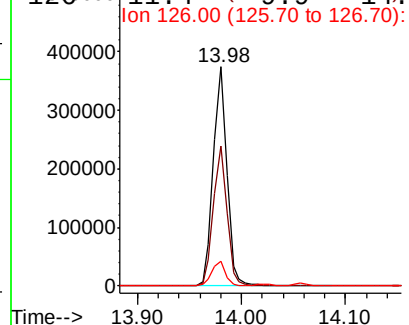
Tgt Ion:252 Resp: 337742

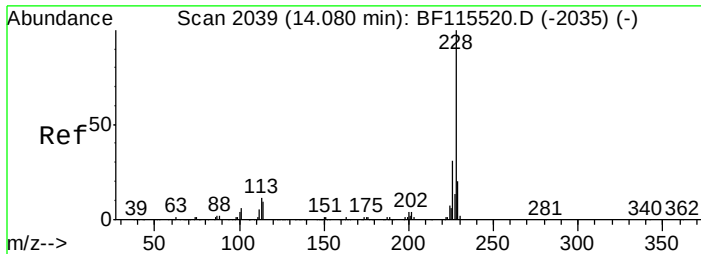
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.4

126 11.4 9.9 14.9





#83

Chrysene

Concen: 33.437 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

Instrument :

BNA_F

ClientSampleId :

TP-1-BMSD

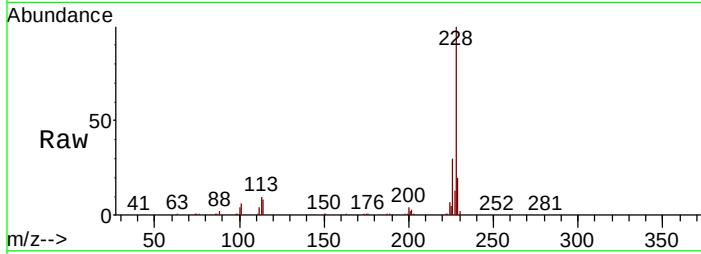
Tot Ion:228 Resp: 956859

Ion Ratio Lower Upper

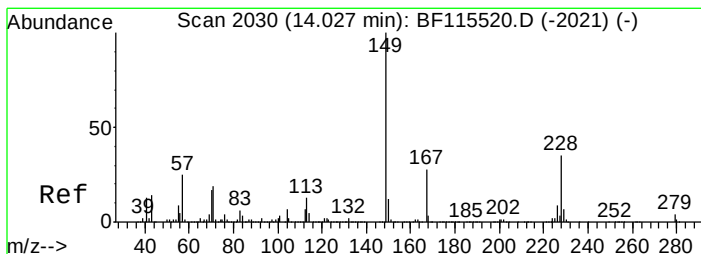
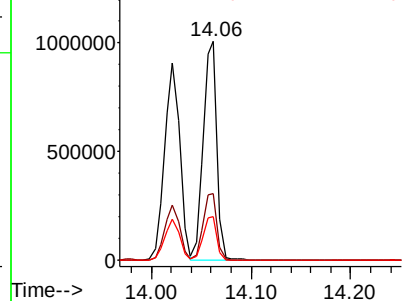
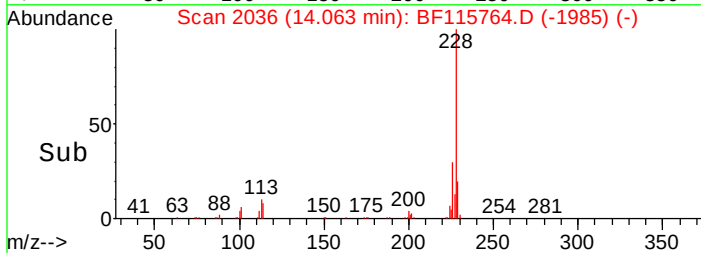
228 100

226 30.5 25.0 37.4

229 20.0 16.2 24.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.903 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF115764.D

Acq: 25 Jul 2019 18:13

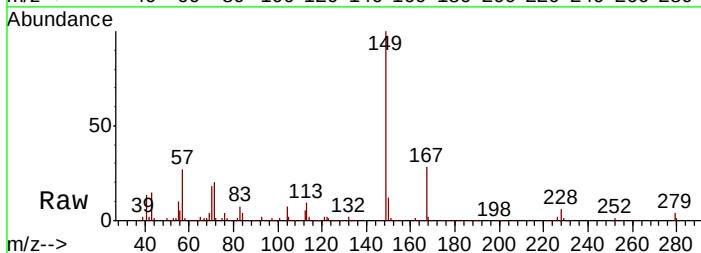
Tgt Ion:149 Resp: 811158

Ion Ratio Lower Upper

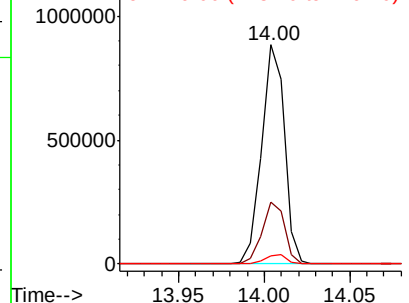
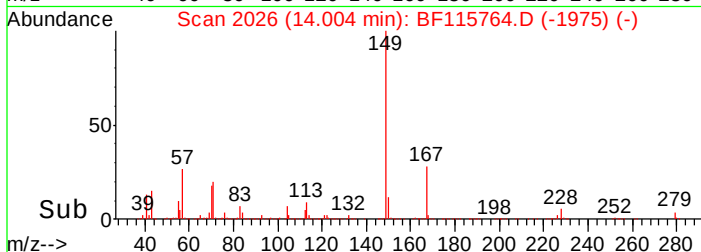
149 100

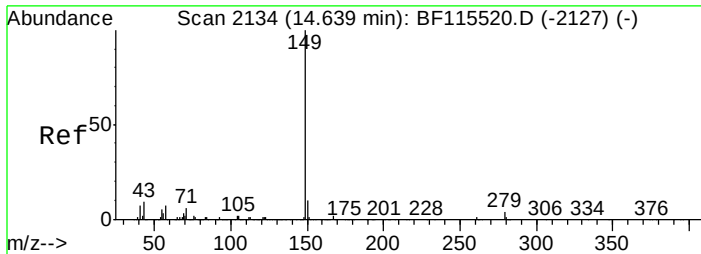
167 28.1 22.5 33.7

279 4.6 3.1 6.1



Abundance Ion 149.00 (148.70 to 149.30):
Ion 167.00 (166.70 to 167.70):
Ion 279.00 (278.70 to 279.70):

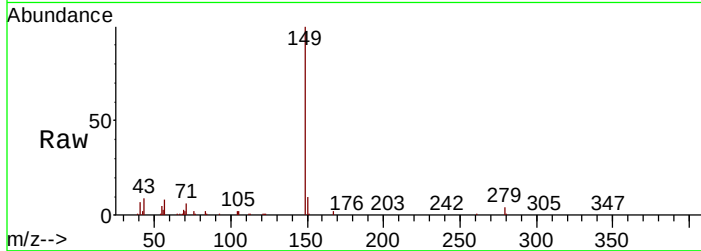




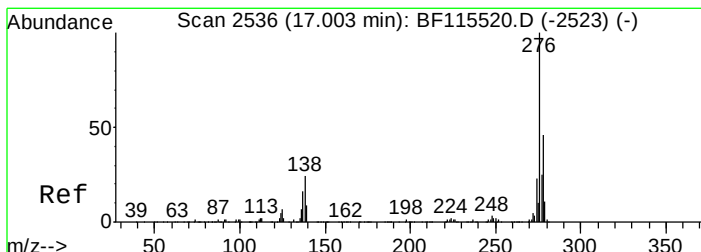
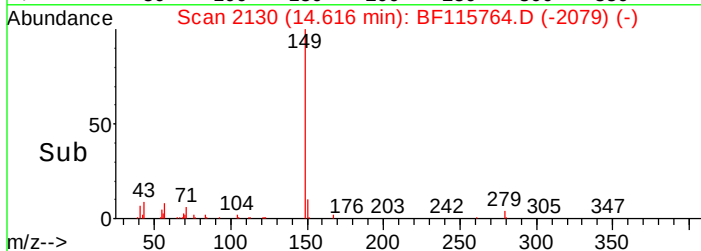
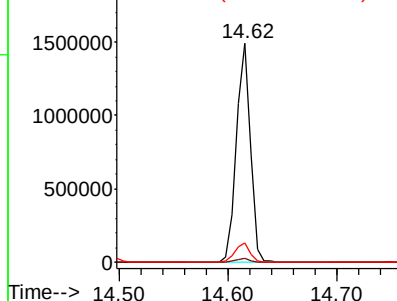
#85
Di-n-octyl phthalate
Concen: 43.404 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:149 Resp: 1336865
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.4 11.0

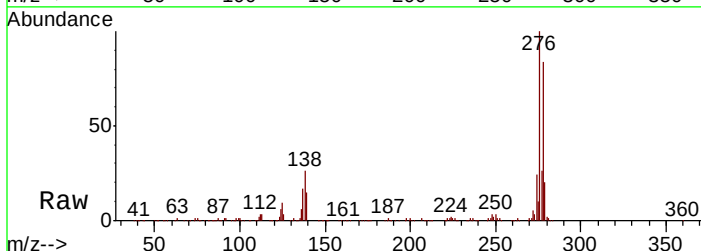


Abundance Ion 149.00 (148.70 to 149.70):
Ion 167.00 (166.70 to 167.70):
Ion 43.00 (42.70 to 43.70): BF

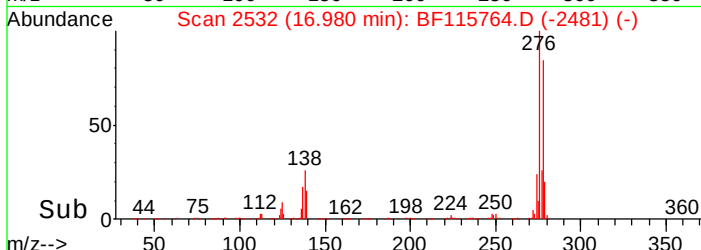
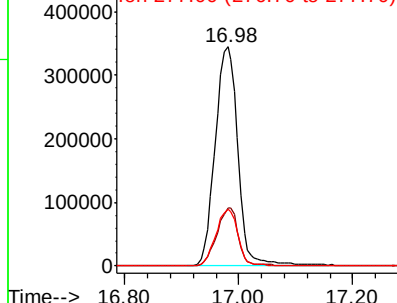


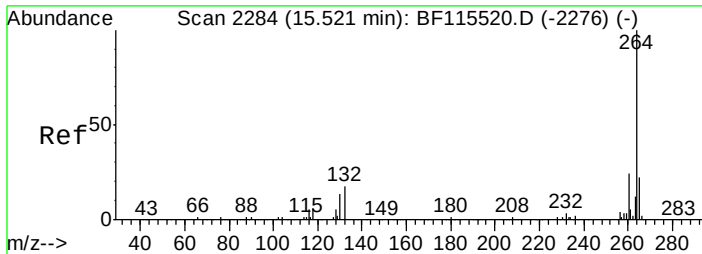
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.440 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:276 Resp: 958875
Ion Ratio Lower Upper
276 100



Abundance Ion 276.00 (275.70 to 276.30): 1
Ion 138.00 (137.70 to 138.70): 1
Ion 277.00 (276.70 to 277.70): 8

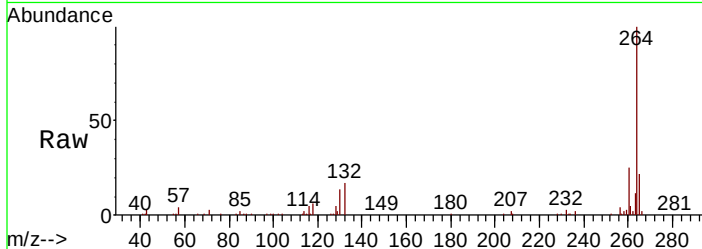




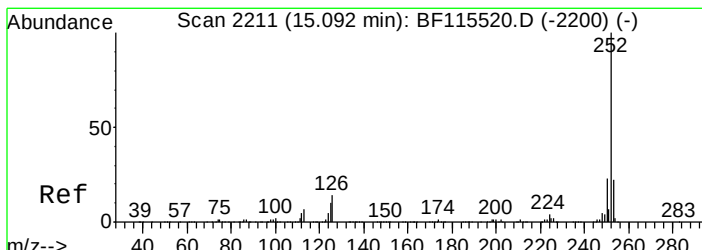
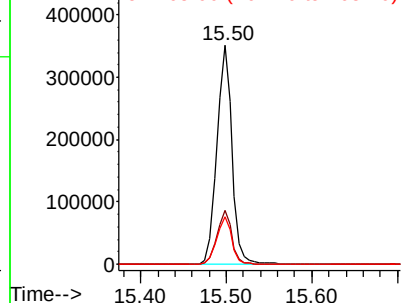
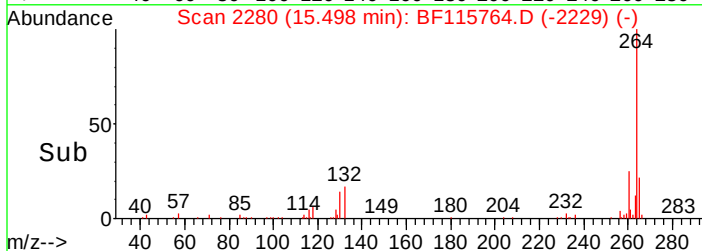
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tgt Ion:264 Resp: 439801
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 21.7 17.5 26.3

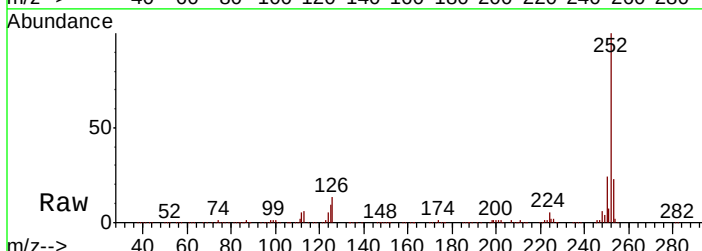


Abundance Ion 264.00 (263.70 to 264.70):
Ion 260.00 (259.70 to 260.70):
Ion 265.00 (264.70 to 265.70):

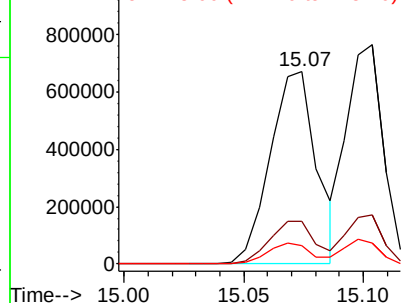
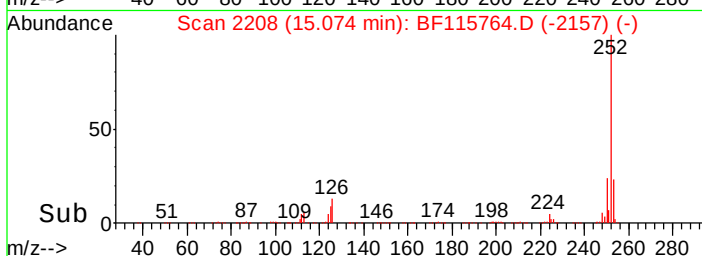


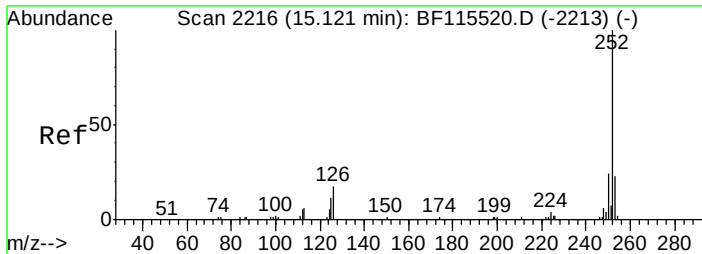
#88
Benzo(b)fluoranthene
Concen: 32.128 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:252 Resp: 909852
Ion Ratio Lower Upper
252 100



Abundance Ion 252.00 (251.70 to 252.70):
Ion 253.00 (252.70 to 253.70):
Ion 125.00 (124.70 to 125.70):

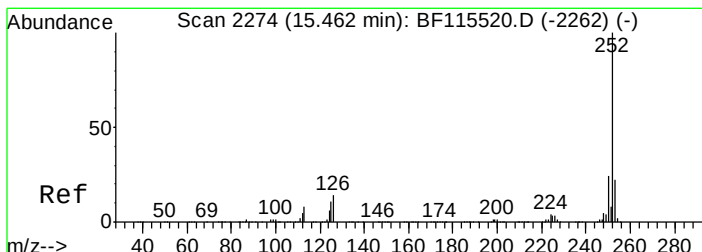
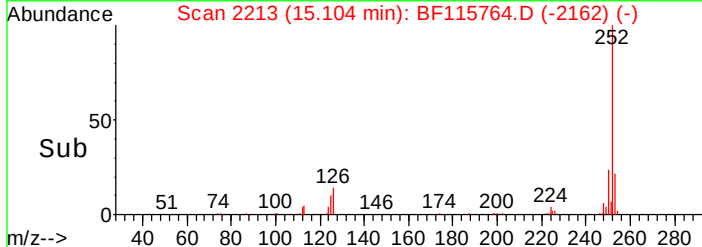
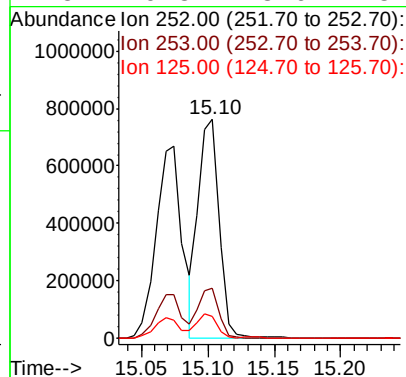
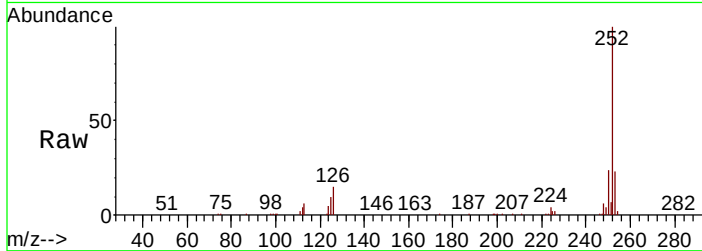




#89
 Benzo(k)fluoranthene
 Concen: 32.435 ng
 RT: 15.10 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

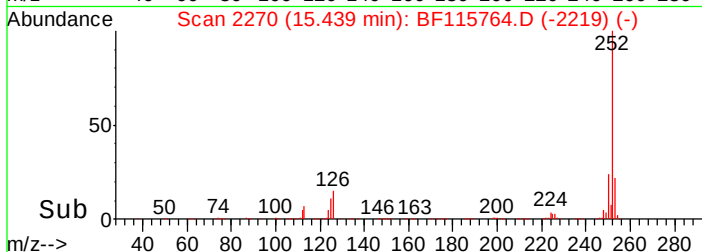
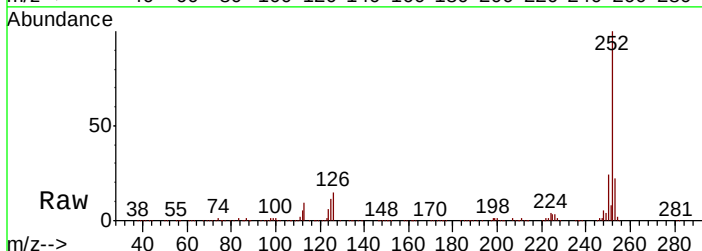
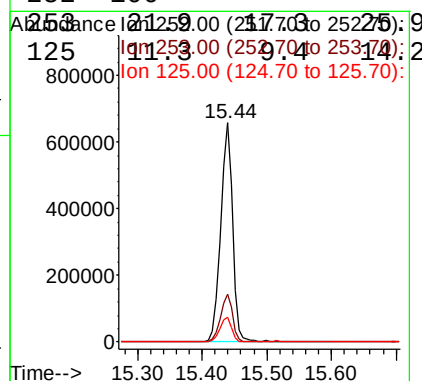
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BMSD

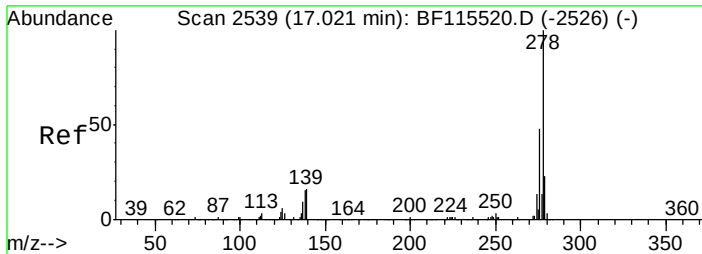
Tot Ion:	252	Resp:	818941
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	9.8	8.6	13.0



#90
 Benzo(a)pyrene
 Concen: 34.415 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF115764.D
 Acq: 25 Jul 2019 18:13

Tgt Ion:	252	Resp:	837672
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	25.9
125	11.3	9.4	14.2

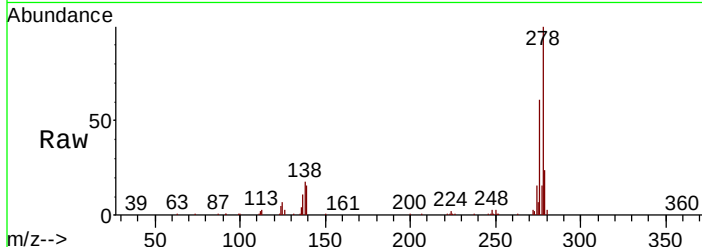




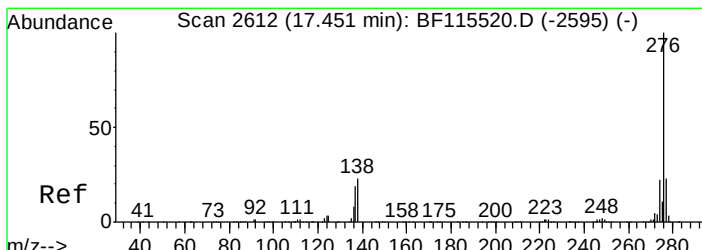
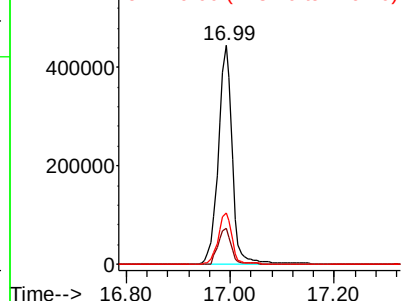
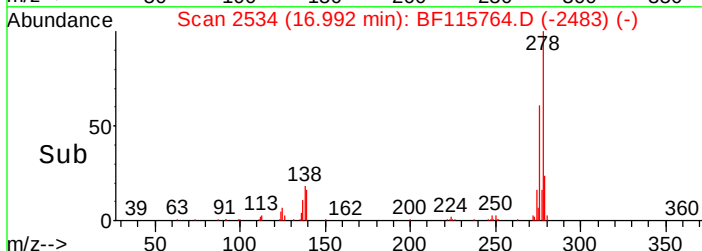
#91
Dibenzo(a,h)anthracene
Concen: 38.456 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Instrument :
BNA_F
ClientSampleId :
TP-1-BMSD

Tot Ion:278 Resp: 821751
Ion Ratio Lower Upper
278 100
139 16.4 13.6 20.4
279 23.6 19.6 29.4

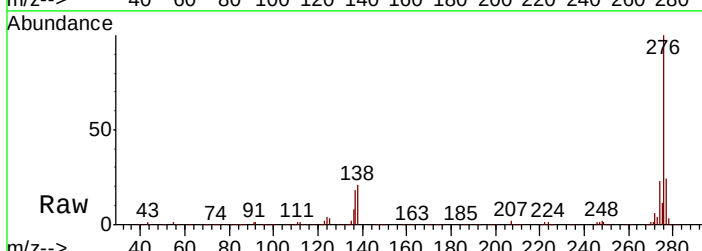


Abundance Ion 278.00 (277.70 to 278.70):
Ion 139.00 (138.70 to 139.70):
Ion 279.00 (278.70 to 279.70):



#92
Benzo(g,h,i)perylene
Concen: 35.837 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF115764.D
Acq: 25 Jul 2019 18:13

Tgt Ion:276 Resp: 763725
Ion Ratio Lower Upper
276 100



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

