

Data File : BF114770.D
Acq On : 1 Jun 2019 22:02
Operator : HP/JU
Sample : K2639-06MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Quant Time: Jun 03 01:46:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	356963	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1294572	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	575275	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	965763	20.00	ng	0.00
76) Chrysene-d12	13.82	240	646792	20.00	ng	0.00
87) Perylene-d12	15.20	264	620332	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2373576	116.74	ng	0.04
7) Phenol-d6	6.34	99	2764117	112.82	ng	0.01
23) Nitrobenzene-d5	7.26	82	1943569	93.67	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	715404	130.51	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3362802	115.56	ng	0.00
79) Terphenyl-d14	12.78	244	2862627	83.21	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.56	88	389849	39.956	ng	# 82
3) Pyridine	3.20	79	857986	30.216	ng	97
4) n-Nitrosodimethylamine	3.13	42	421955	36.721	ng	91
6) Aniline	6.36	93	466016	12.592	ng	97
8) 2-Chlorophenol	6.49	128	997095	42.466	ng	99
9) Benzaldehyde	6.24	77	267444	13.755	ng	97
10) Phenol	6.35	94	1035428	34.984	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	928590	41.018	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1004357	37.545	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1015878	37.854	ng	100
14) 1,2-Dichlorobenzene	6.87	146	948728	38.831	ng	99
15) Benzyl Alcohol	6.84	79	810838	42.074	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1258962	36.258	ng	98
17) 2-Methylphenol	6.96	107	812994	40.938	ng	98
18) Hexachloroethane	7.21	117	325999	32.084	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	652631	38.591	ng	95
20) 3+4-Methylphenols	7.11	107	920315	39.402	ng	97
22) Acetophenone	7.11	105	1320037	47.856	ng	98
24) Nitrobenzene	7.27	77	1004820	45.587	ng	97
25) Isophorone	7.52	82	1797827	43.173	ng	98
26) 2-Nitrophenol	7.59	139	491308	45.791	ng	99
27) 2,4-Dimethylphenol	7.64	122	870732	48.797	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1147467	43.287	ng	99
29) 2,4-Dichlorophenol	7.83	162	834418	45.941	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	907285	43.845	ng	99
31) Naphthalene	8.00	128	2866527	48.072	ng	100
32) Benzoic acid	7.74	122	230653	19.901	ng	98
33) 4-Chloroaniline	8.04	127	270117	9.508	ng	98
34) Hexachlorobutadiene	8.13	225	478697	41.643	ng	99
35) Caprolactam	8.41	113	207601	33.870	ng	94
36) 4-Chloro-3-methylphenol	8.53	107	815992	44.799	ng	99
37) 2-Methylnaphthalene	8.69	142	1852062	46.746	ng	100
38) 1-Methylnaphthalene	8.79	142	1755725	46.772	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	825902	53.910	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	218191	21.552	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	565202	46.888	ng	99
44) 2,4,5-Trichlorophenol	9.01	196	593211	49.315	ng	97
46) 1,1'-Biphenyl	9.15	154	2127945	49.831	ng	99
47) 2-Chloronaphthalene	9.17	162	1672661	47.751	ng	99
48) 2-Nitroaniline	9.26	65	497627	46.035	ng	97
49) Acenaphthylene	9.59	152	2493040	46.069	ng	100
50) Dimethylphthalate	9.45	163	1968858	49.116	ng	100
51) 2,6-Dinitrotoluene	9.51	165	429893	46.153	ng	95
52) Acenaphthene	9.76	154	1487759	44.828	ng	99
53) 3-Nitroaniline	9.67	138	299822	26.300	ng	98
54) 2,4-Dinitrophenol	9.77	184	43018	11.709	ng	# 88
55) Dibenzofuran	9.93	168	2176841	46.079	ng	99
56) 4-Nitrophenol	9.83	139	621200	73.532	ng	91
57) 2,4-Dinitrotoluene	9.91	165	519271	43.438	ng	# 87
58) Fluorene	10.27	166	1506032	49.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	450890	45.794	ng	98
60) Diethylphthalate	10.15	149	1878977	45.894	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	763737	49.867	ng	100
62) 4-Nitroaniline	10.28	138	429100	38.627	ng	95
63) Azobenzene	10.42	77	1598365	42.522	ng	98
65) 4,6-Dinitro-2-methylphenol	10.31	198	37023	8.646	ng	95
66) n-Nitrosodiphenylamine	10.38	169	1477876	51.794	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	505234	48.784	ng	98
68) Hexachlorobenzene	10.82	284	520556	46.406	ng	98
69) Atrazine	10.91	200	438353	51.435	ng	99
70) Pentachlorophenol	11.01	266	476699	73.721	ng	98
71) Phenanthrene	11.22	178	2214694	44.955	ng	99
72) Anthracene	11.27	178	2248912	45.104	ng	100
73) Carbazole	11.43	167	2015234	45.988	ng	98
74) Di-n-butylphthalate	11.77	149	2479216	47.495	ng	99
75) Fluoranthene	12.40	202	2162159	42.385	ng	97
77) Benzidine	12.52	184	262827	9.868	ng	98
78) Pyrene	12.63	202	2197418	40.162	ng	99
80) Butylbenzylphthalate	13.26	149	1049938	38.184	ng	96
81) Benzo(a)anthracene	13.81	228	2038310	41.009	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	667765	34.788	ng	99
83) Chrysene	13.84	228	2032410	42.799	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1337994	39.359	ng	98
85) Di-n-octyl phthalate	14.43	149	2416820	40.919	ng	97
86) Indeno(1,2,3-cd)pyrene	16.53	276	1495568	31.445	ng	99
88) Benzo(b)fluoranthene	14.82	252	1982460	50.740	ng	99
89) Benzo(k)fluoranthene	14.84	252	1686632	49.666	ng	100
90) Benzo(a)pyrene	15.15	252	1650597	48.090	ng	99
91) Dibenzo(a,h)anthracene	16.54	278	1280389	42.215	ng	99
92) Benzo(g,h,i)perylene	16.93	276	1219460	41.426	ng	98

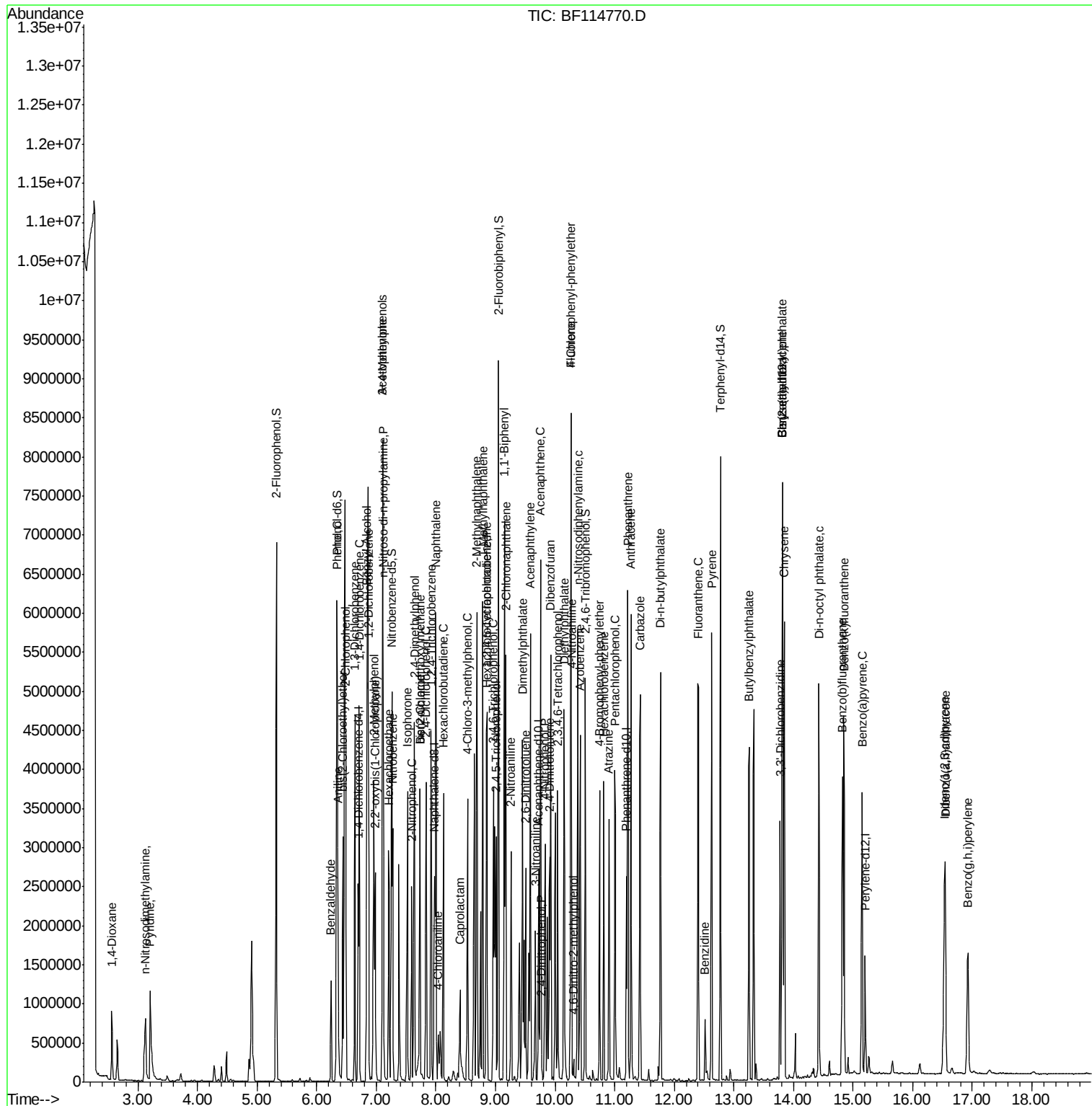
(#) = qualifier out of range (m) = manual integration (+) = signals summed

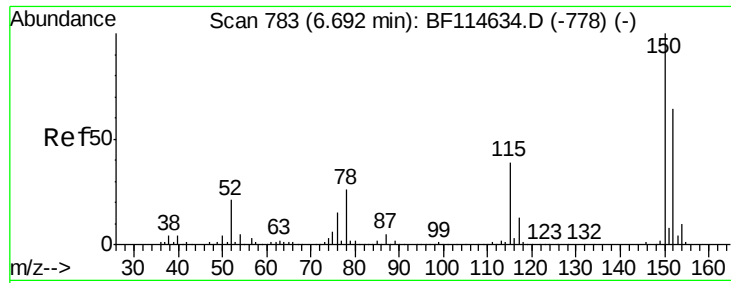
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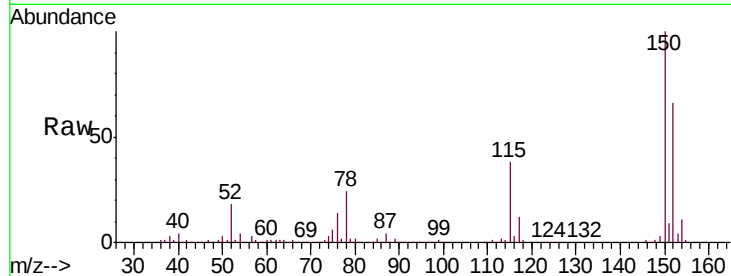


#1

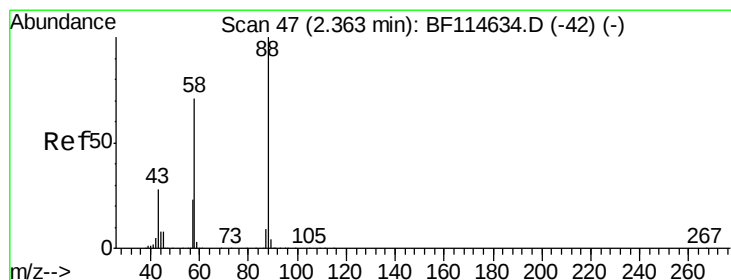
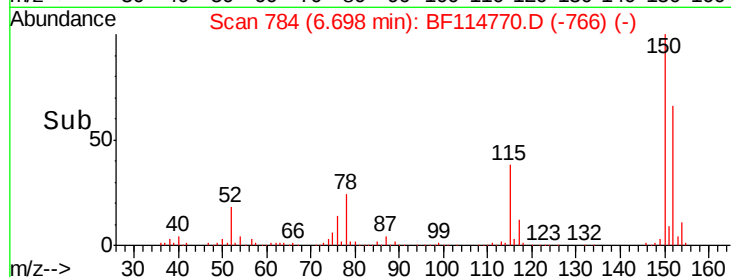
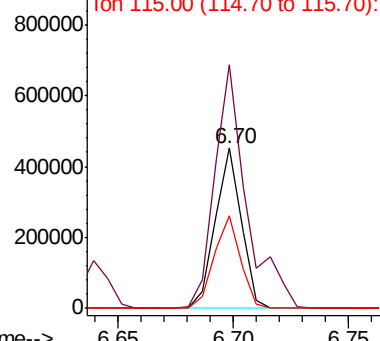
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

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BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion: 152 Resp: 356963
Ion Ratio Lower Upper
152 100
150 152.0 124.4 186.6
115 57.6 48.7 73.1



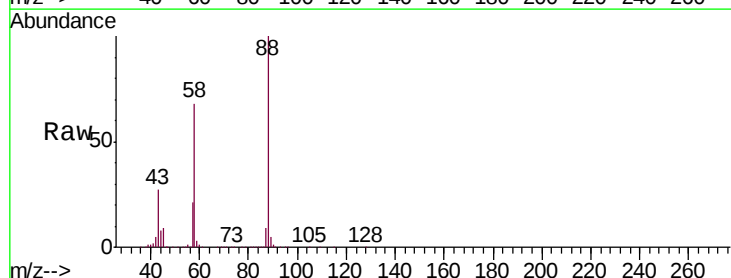
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



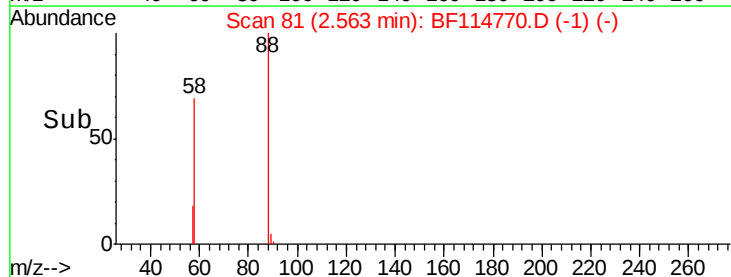
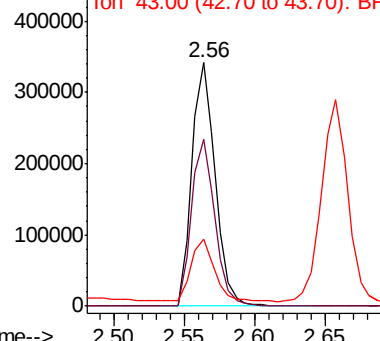
#2

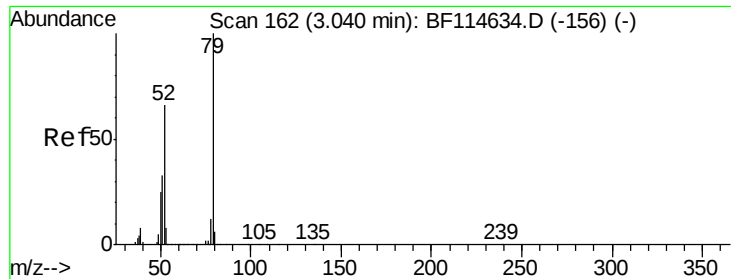
1,4-Dioxane
Concen: 39.956 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.20 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion: 88 Resp: 389849
Ion Ratio Lower Upper
88 100
58 68.0 57.2 85.8
43 0.0 22.6 33.8#



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

Pyridine

Concen: 30.216 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.16 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

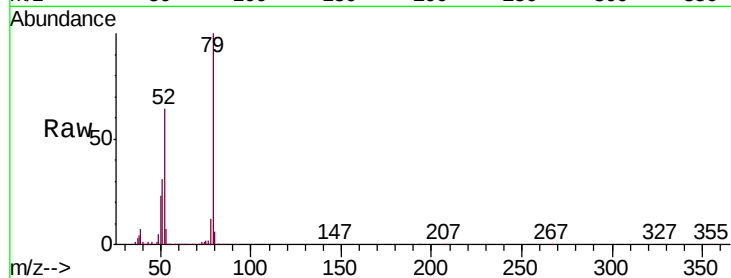
Tgt Ion: 79 Resp: 857986

Ion Ratio Lower Upper

79 100

52 63.6 52.8 79.2

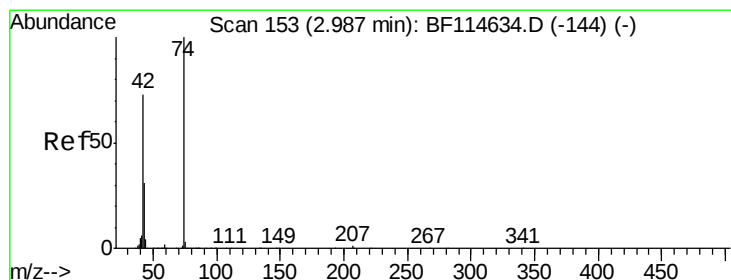
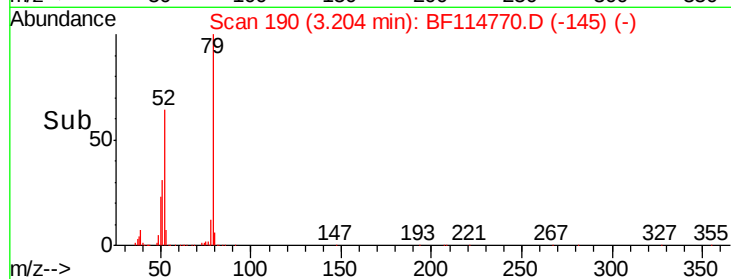
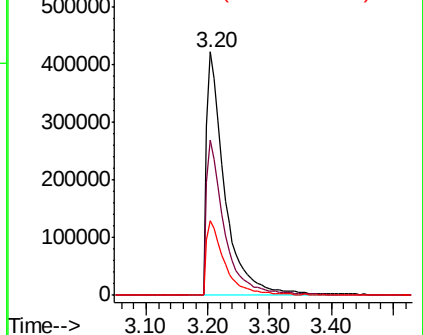
51 30.8 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.721 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.14 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

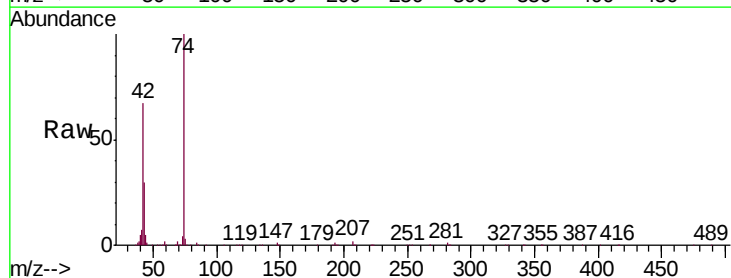
Tgt Ion: 42 Resp: 421955

Ion Ratio Lower Upper

42 100

74 149.2 110.0 165.0

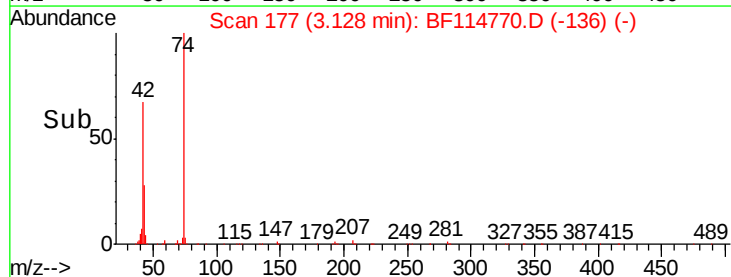
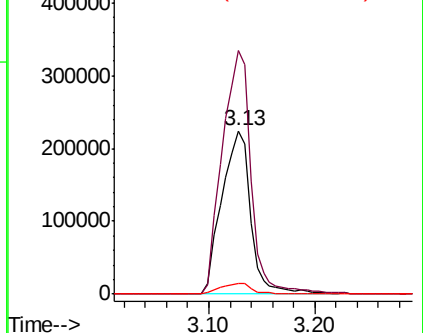
44 6.7 5.6 8.4

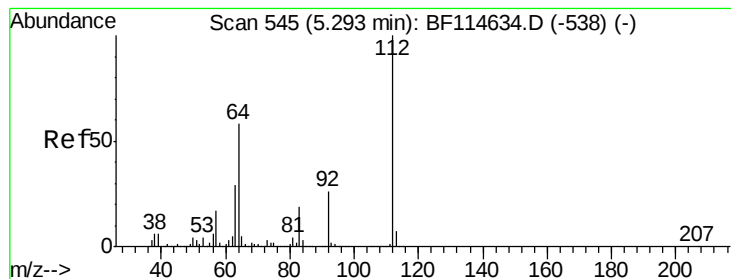


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.743 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.04 min

Lab File: BF114770.D

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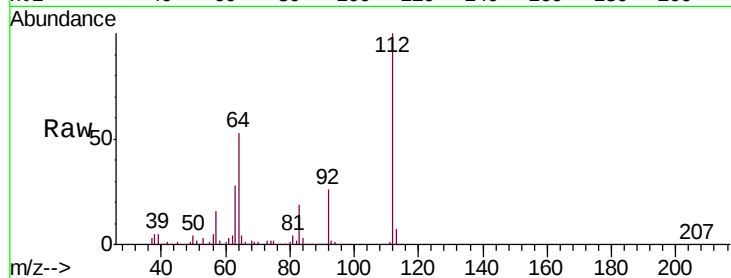
Tgt Ion:112 Resp: 2373576

Ion Ratio Lower Upper

112 100

64 52.9 46.1 69.1

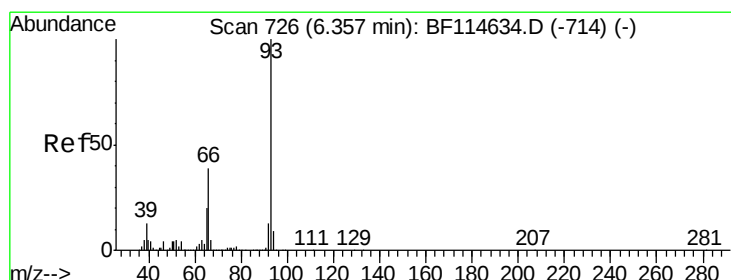
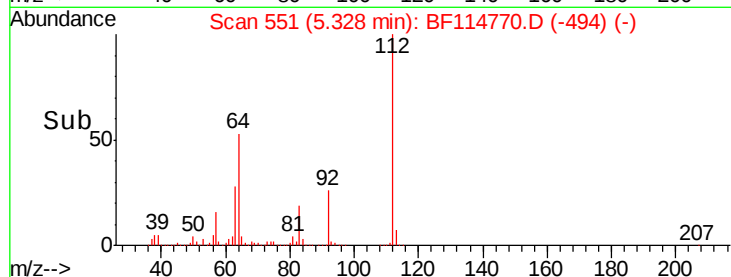
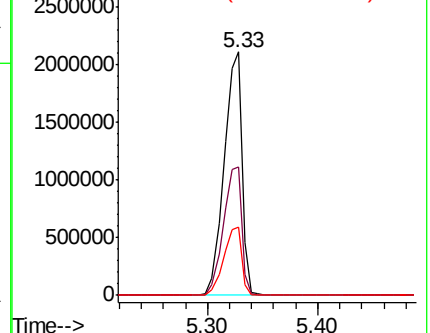
63 28.0 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.592 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

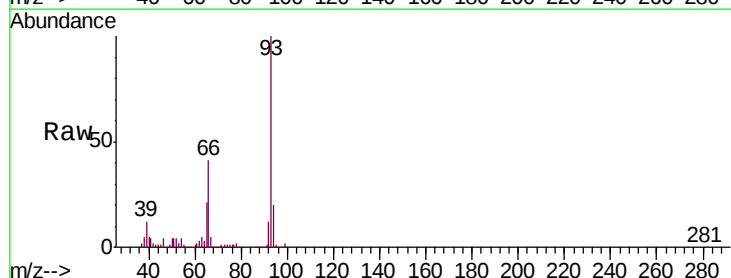
Tgt Ion: 93 Resp: 466016

Ion Ratio Lower Upper

93 100

66 41.0 31.4 47.2

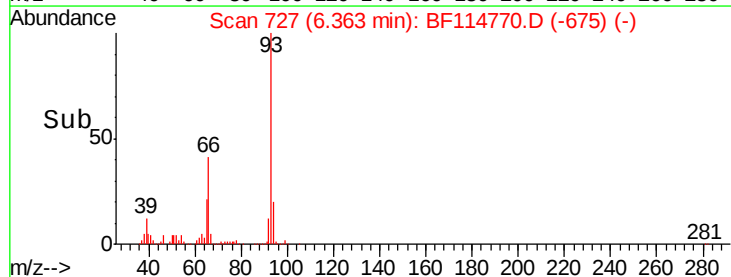
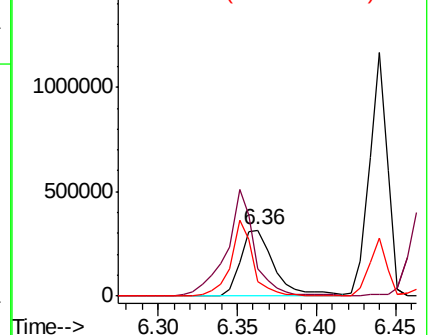
65 21.4 16.2 24.2

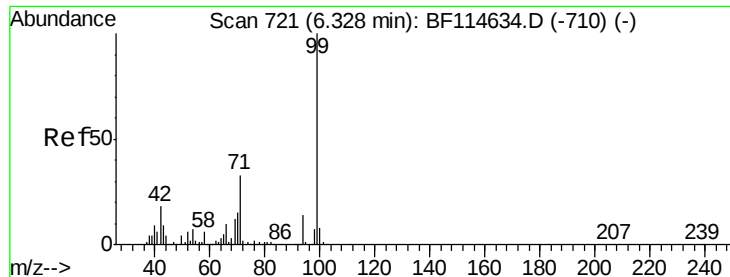


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.820 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

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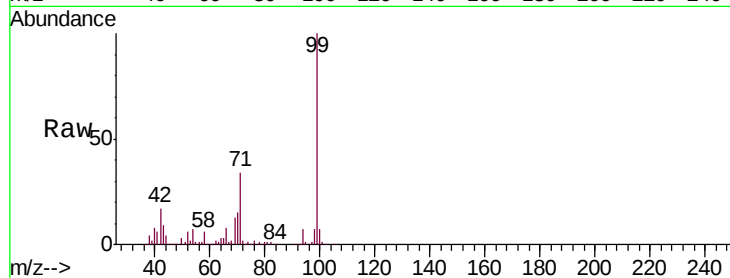
Tgt Ion: 99 Resp: 2764117

Ion Ratio Lower Upper

99 100

42 17.3 14.7 22.1

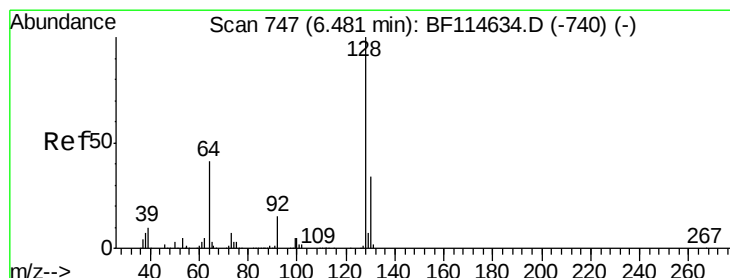
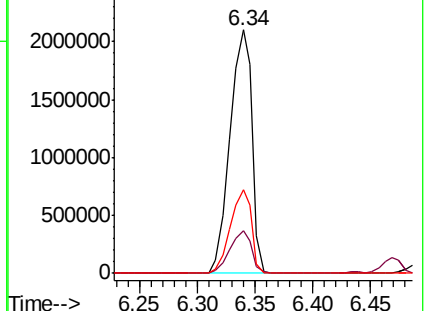
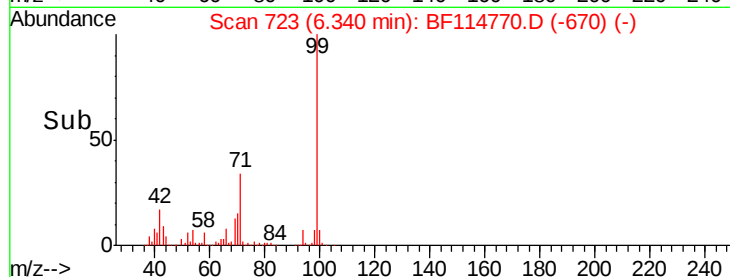
71 34.1 26.6 40.0



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: 42.466 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

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Acq: 1 Jun 2019 22:02

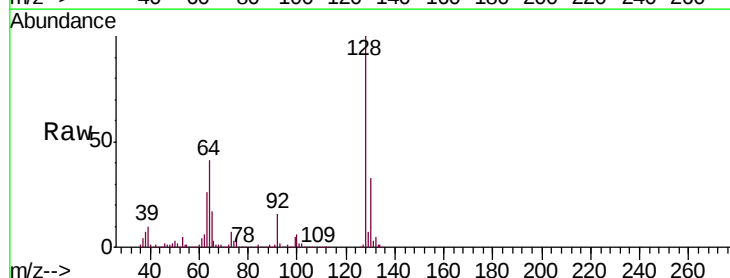
Tgt Ion: 128 Resp: 997095

Ion Ratio Lower Upper

128 100

130 33.0 13.9 53.9

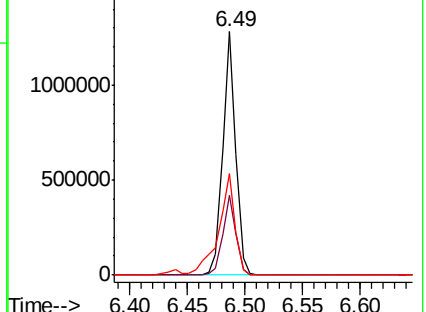
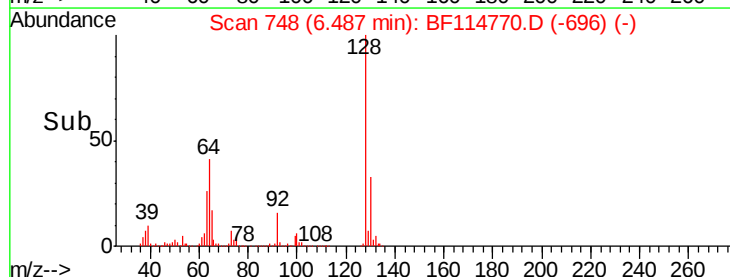
64 41.5 22.0 62.0

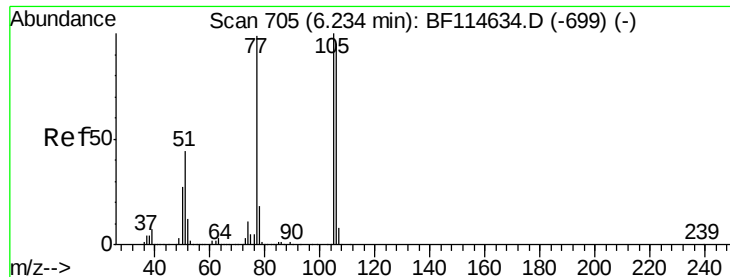


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.755 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

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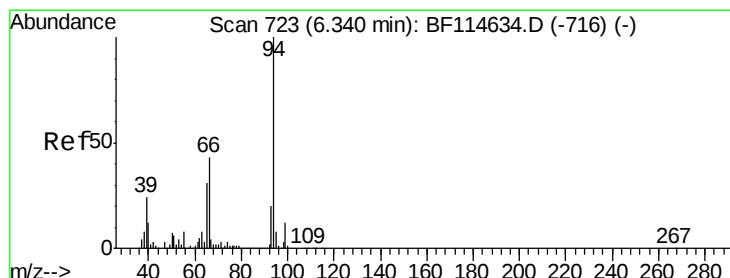
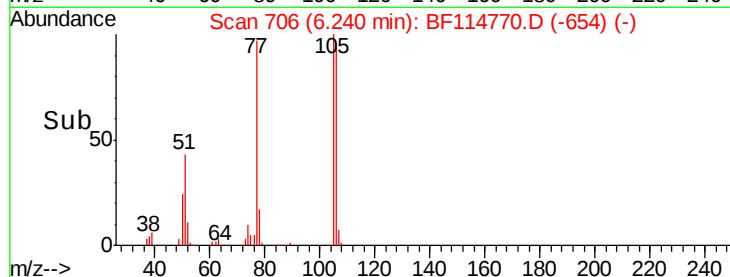
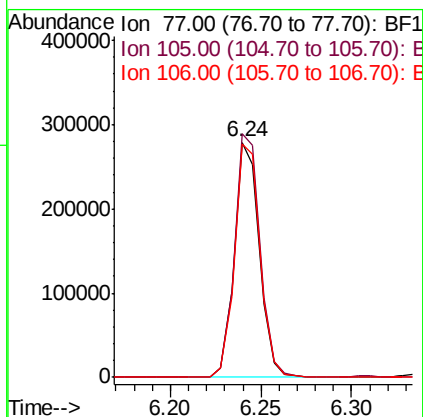
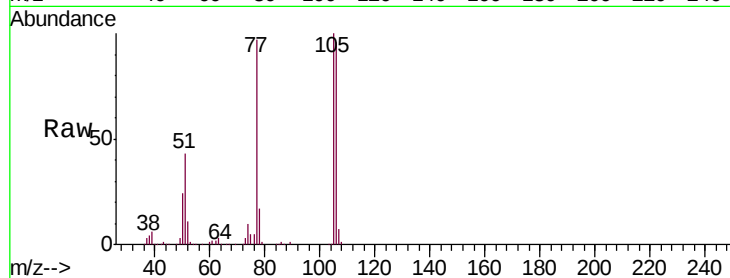
Tgt Ion: 77 Resp: 267444

Ion Ratio Lower Upper

77 100

105 103.6 80.8 120.8

106 99.6 76.2 116.2



#10

Phenol

Concen: 34.984 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

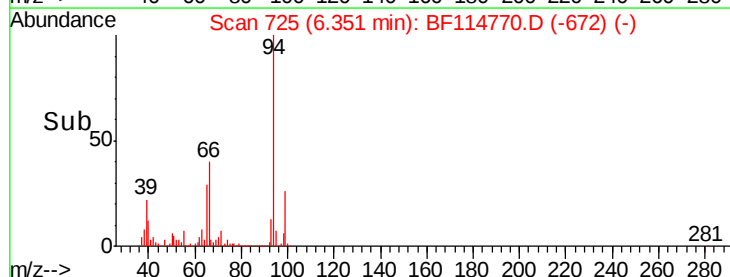
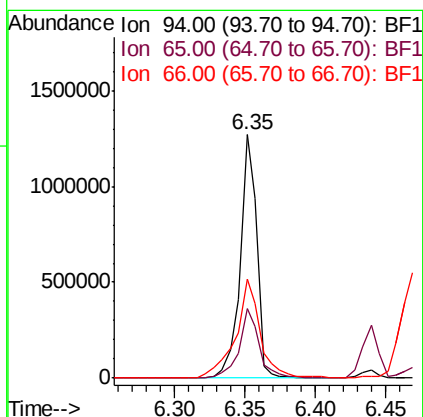
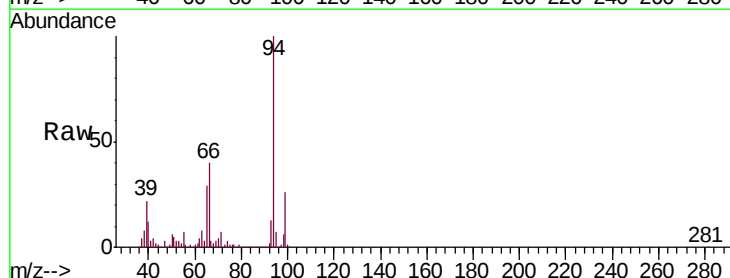
Tgt Ion: 94 Resp: 1035428

Ion Ratio Lower Upper

94 100

65 28.5 11.0 51.0

66 40.4 23.0 63.0

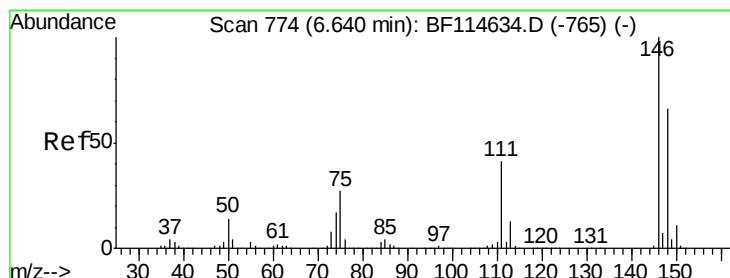
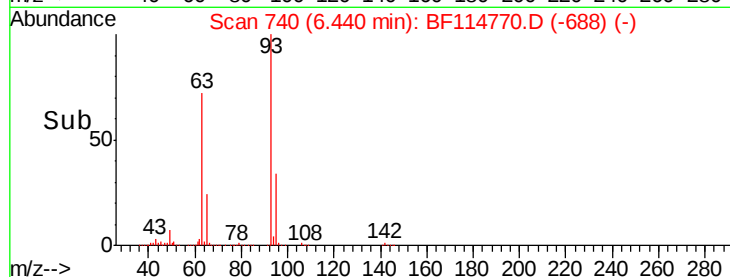
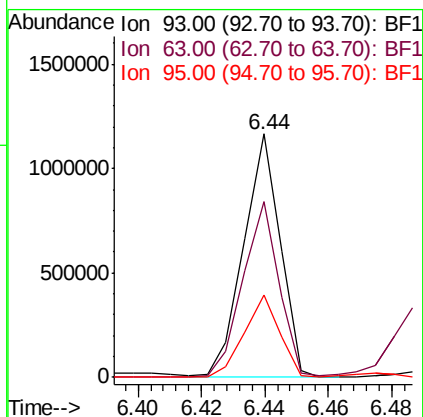
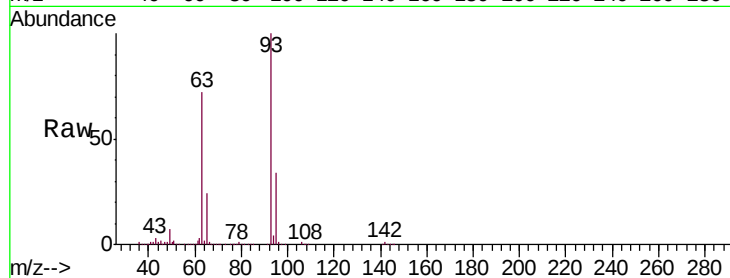




#11
bis(2-Chloroethyl)ether
Concen: 41.018 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

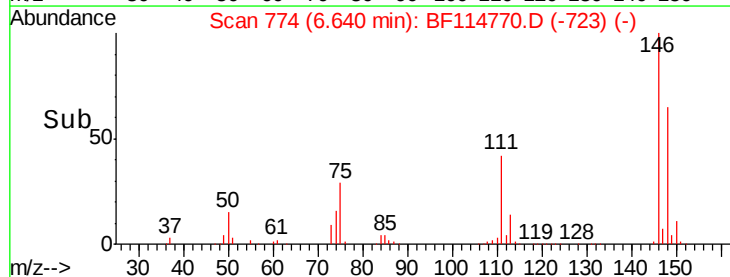
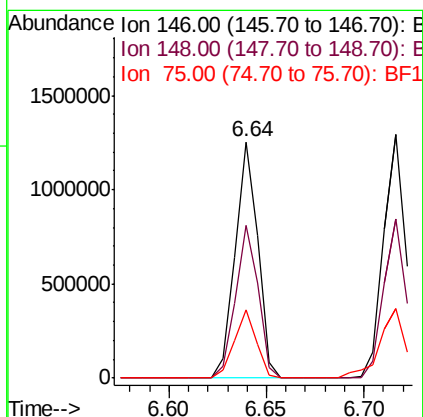
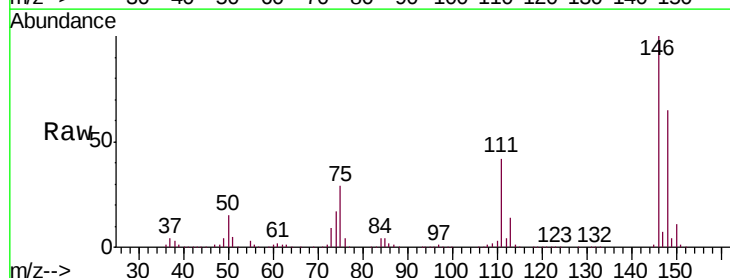
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

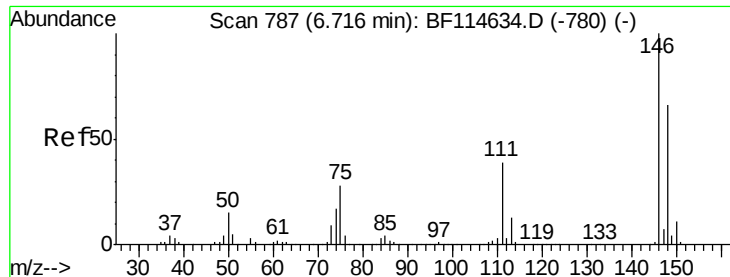
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.1	55.0	95.0
95	33.6	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 37.545 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.9	79.3
75	28.8	22.0	33.0

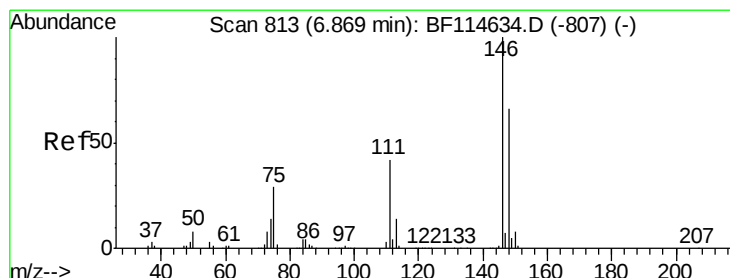
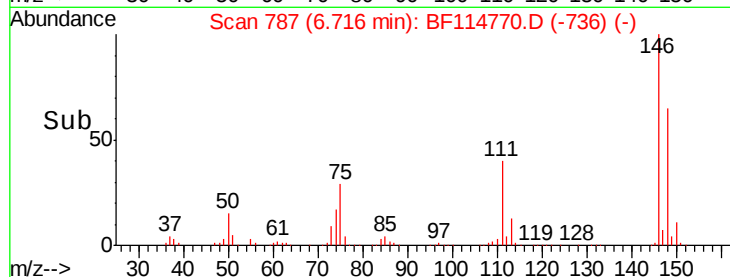
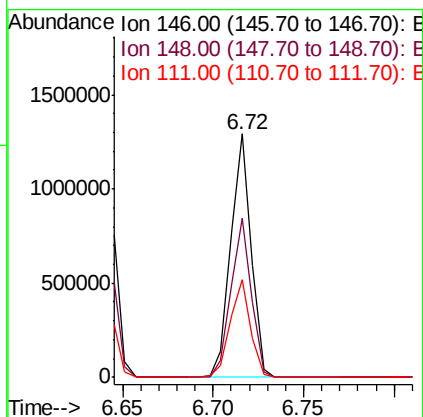
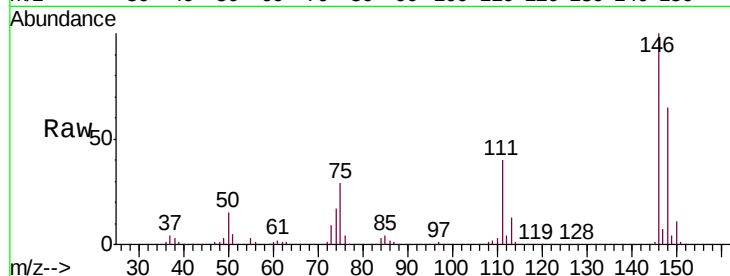




#13
 1,4-Dichlorobenzene
 Concen: 37.854 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

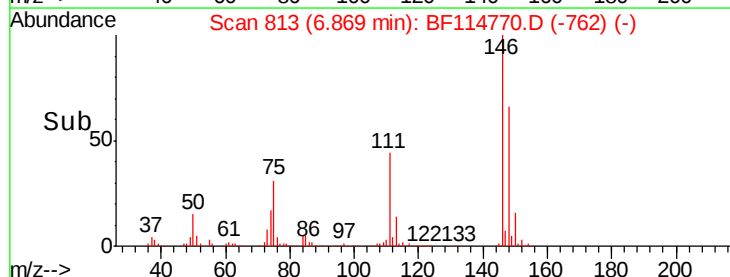
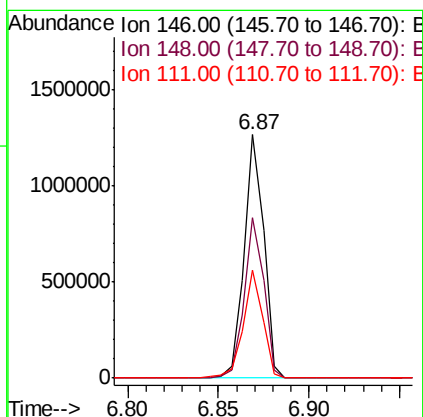
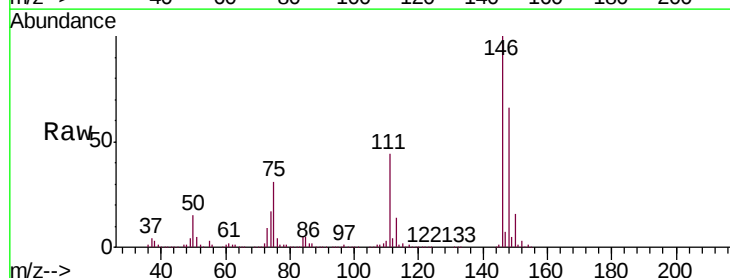
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tgt Ion:146 Resp: 1015878
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.5 78.7
 111 40.0 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 38.831 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion:146 Resp: 948728
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 44.3 34.1 51.1





#15

Benzyl Alcohol

Concen: 42.074 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

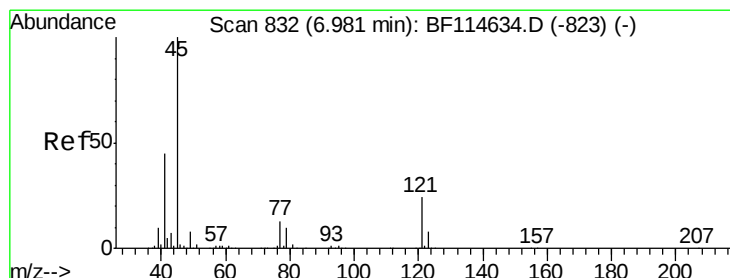
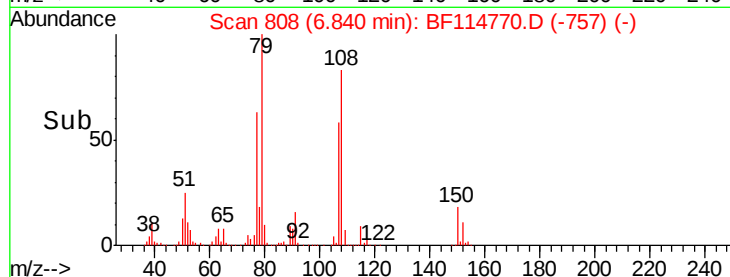
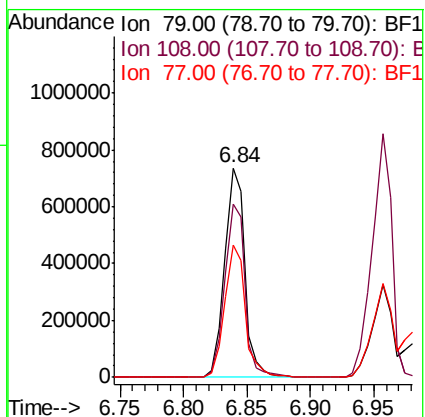
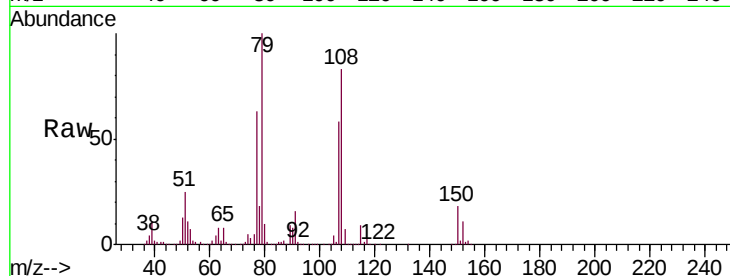
Tgt Ion: 79 Resp: 810838

Ion Ratio Lower Upper

79 100

108 82.7 67.8 101.8

77 63.4 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.258 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

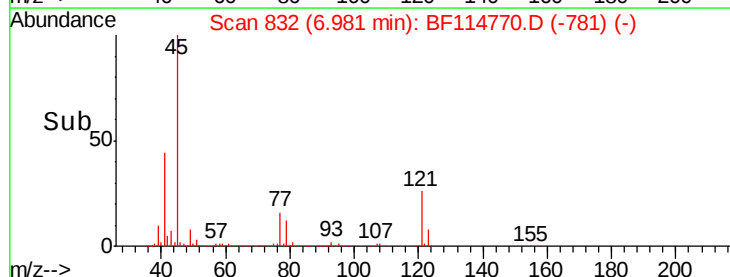
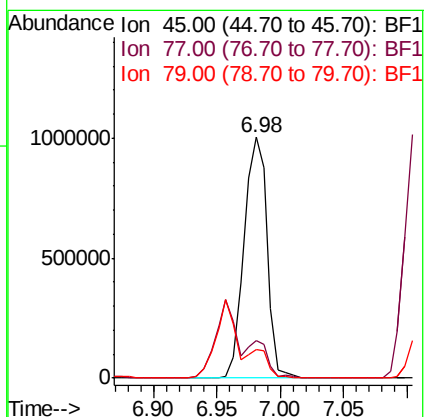
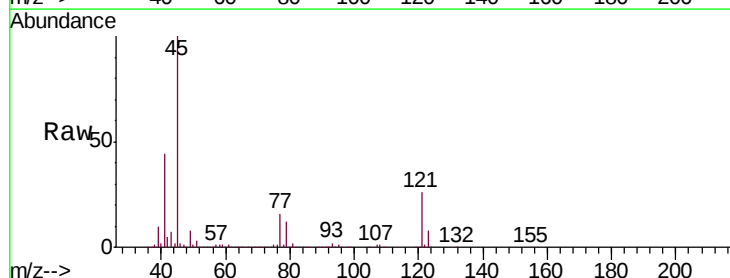
Tgt Ion: 45 Resp: 1258962

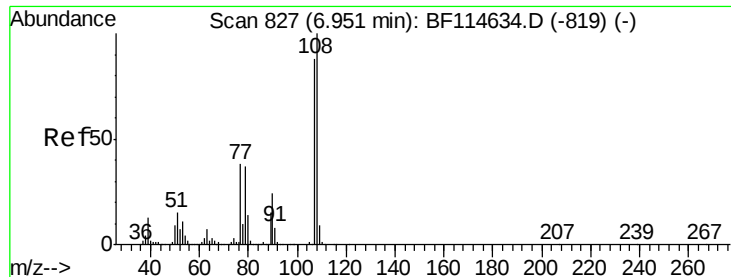
Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.7

79 11.9 0.0 31.3

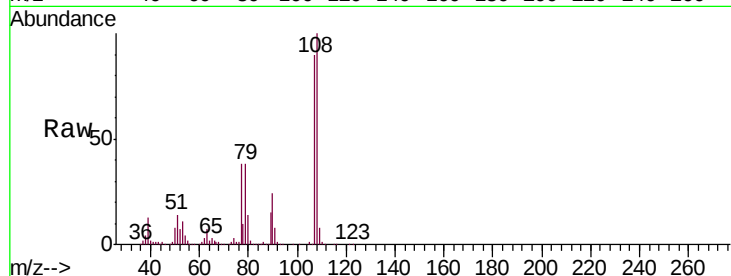




#17
2-Methylphenol
Concen: 40.938 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.1	136.7
77	42.6	34.9	52.3
79	42.5	33.8	50.6



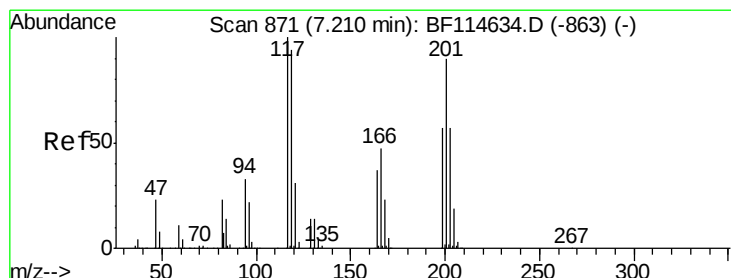
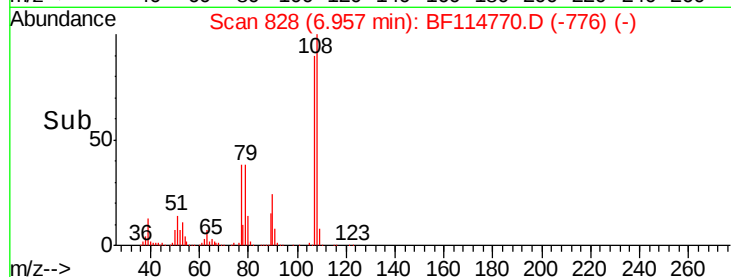
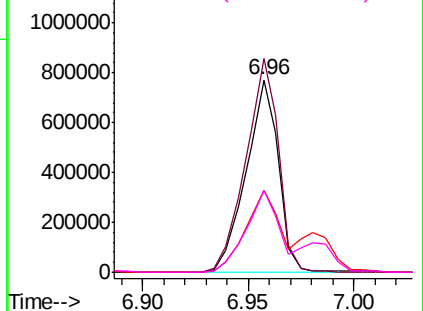
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

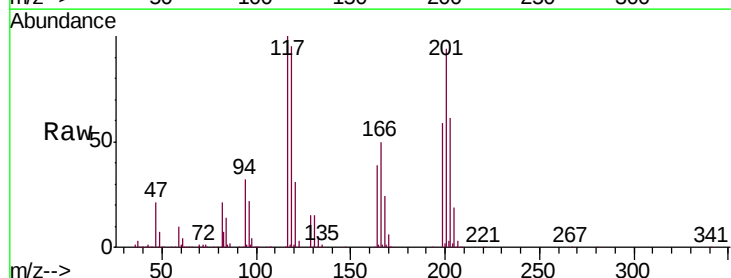
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.084 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.6	113.4
201	94.2	71.7	107.5

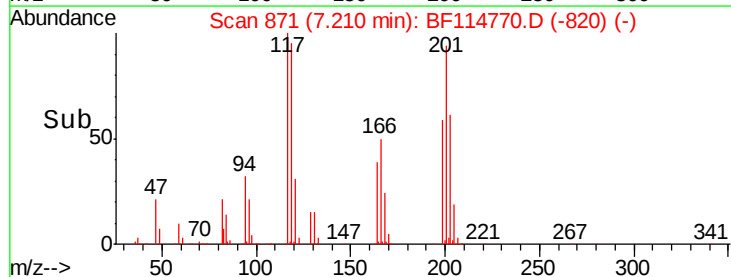
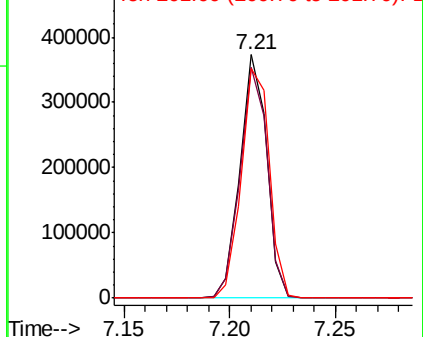


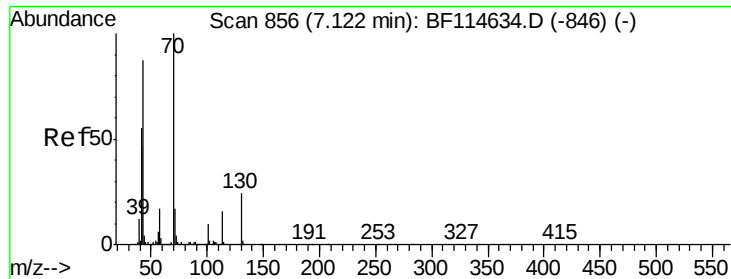
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

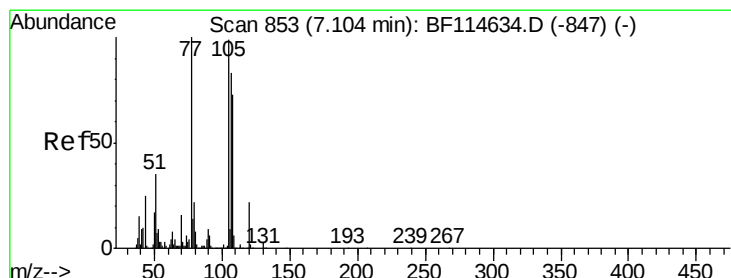
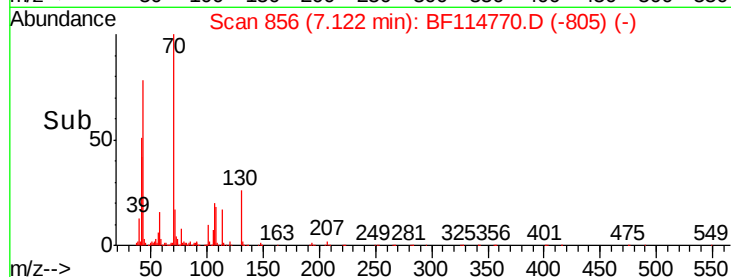
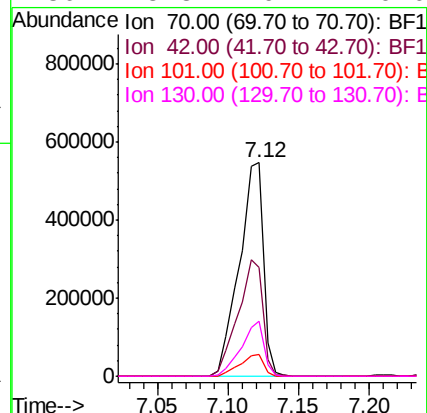
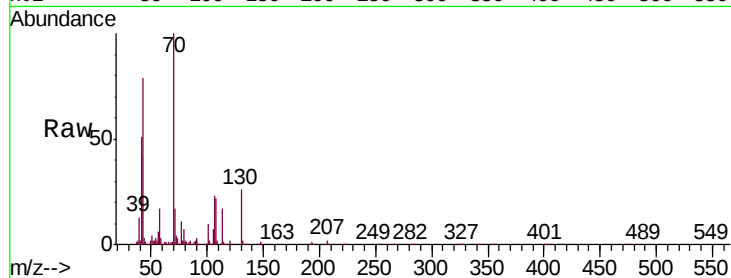




#19
n-Nitroso-di-n-propylamine
Concen: 38.591 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

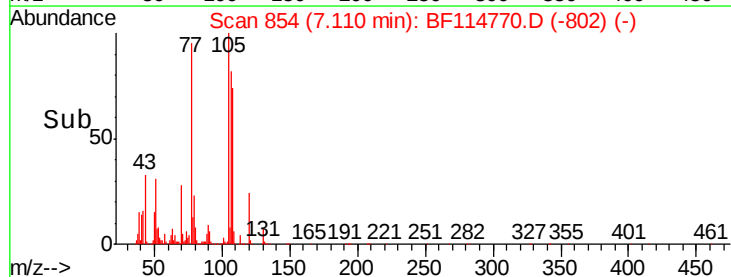
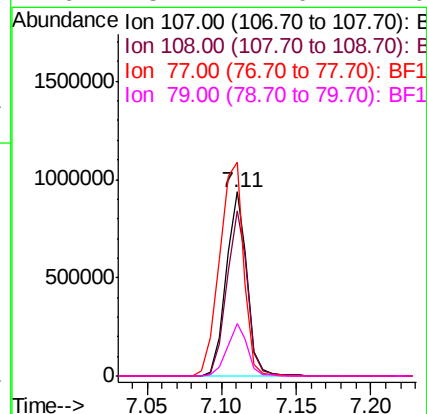
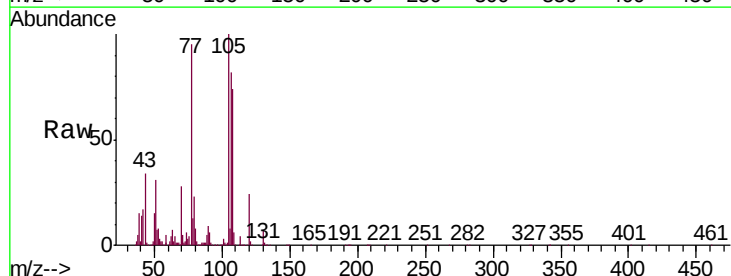
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

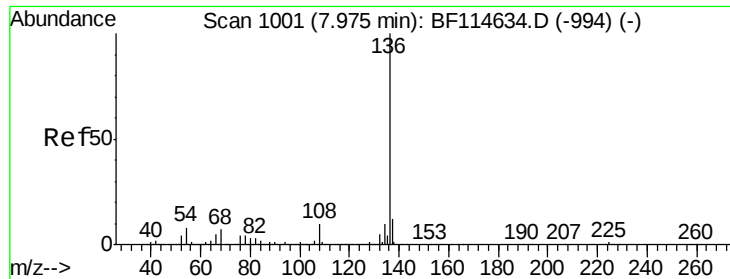
Tgt Ion:	70	Resp:	652631
Ion	Ratio	Lower	Upper
70	100		
42	51.0	44.4	66.6
101	10.4	8.2	12.4
130	25.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 39.402 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:	107	Resp:	920315
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.6	108.6
77	116.0	100.5	140.5
79	28.2	7.0	47.0

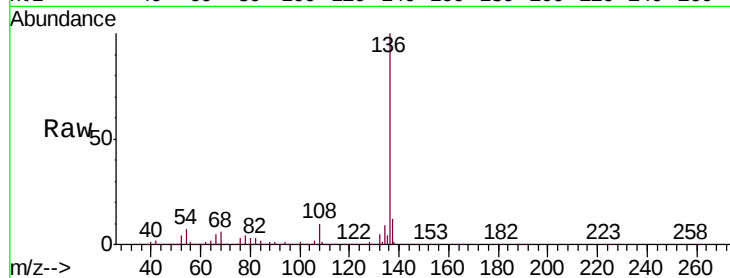




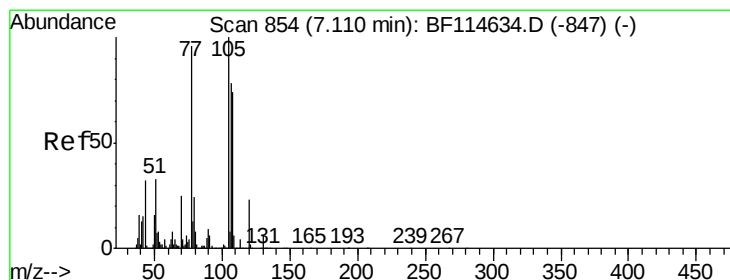
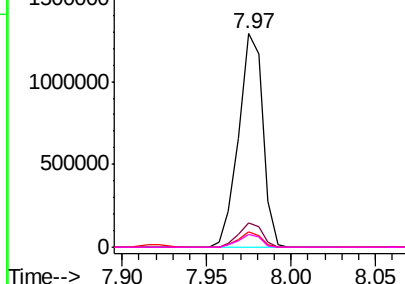
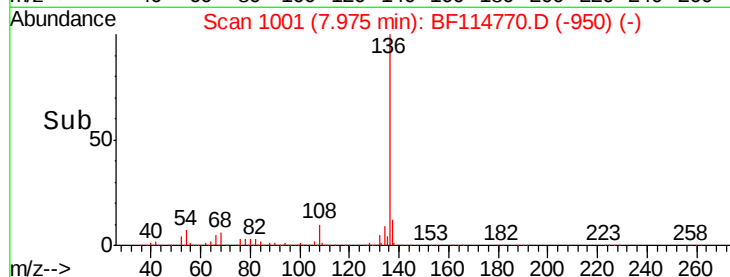
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:	136	Resp:	1294572
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.3	6.3	9.5
68	6.1	5.4	8.0

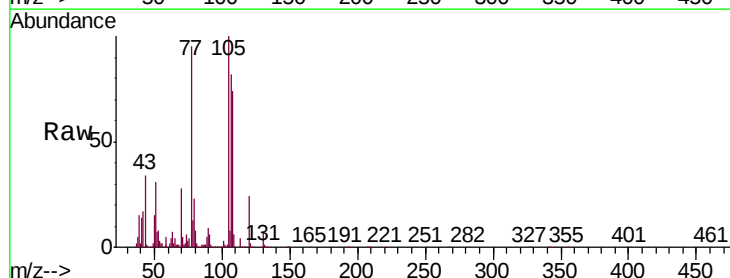


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

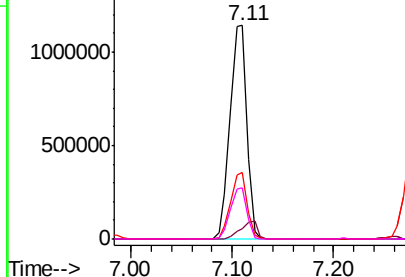
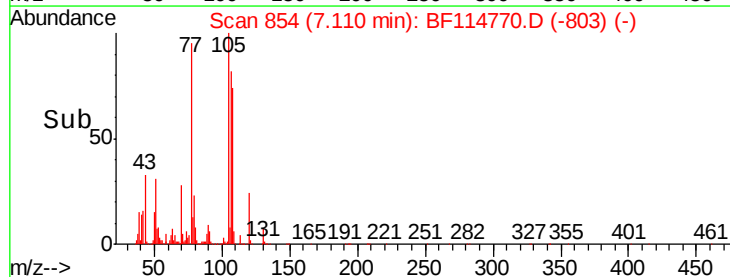


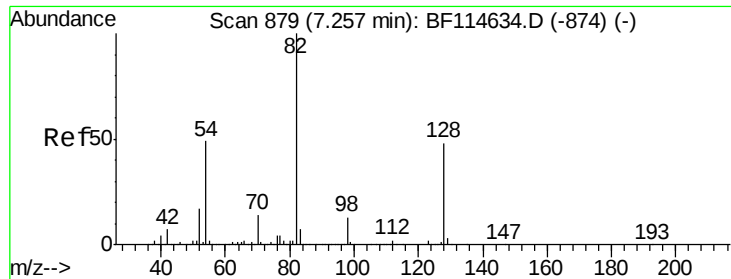
#22
Acetophenone
Concen: 47.856 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:	105	Resp:	1320037
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.6	5.4
51	31.0	26.0	39.0
120	23.8	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
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

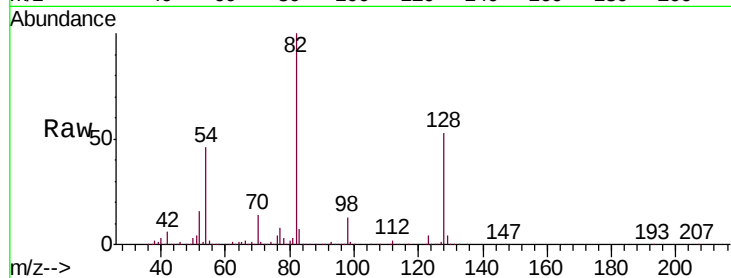




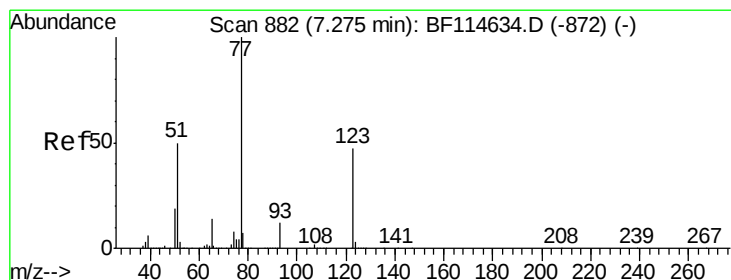
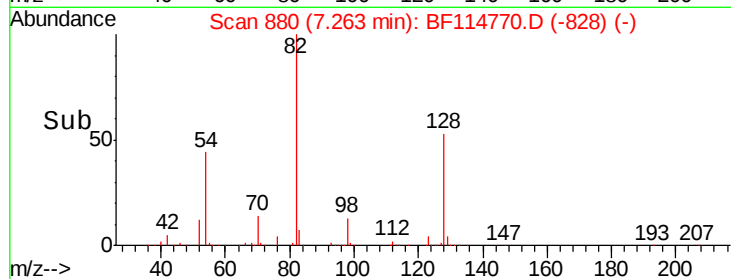
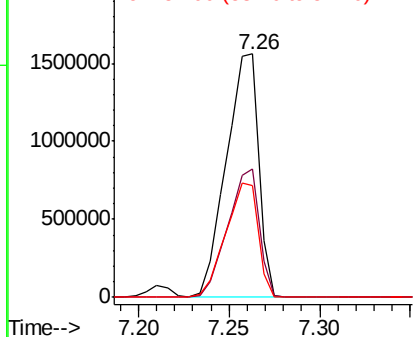
#23
 Nitrobenzene-d5
 Concen: 93.666 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tgt Ion: 82 Resp: 1943569
 Ion Ratio Lower Upper
 82 100
 128 53.0 38.5 57.7
 54 45.9 39.1 58.7

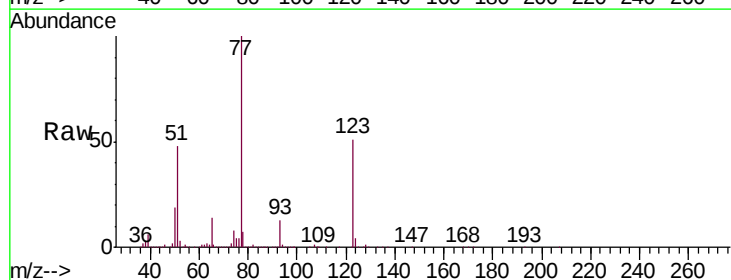


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

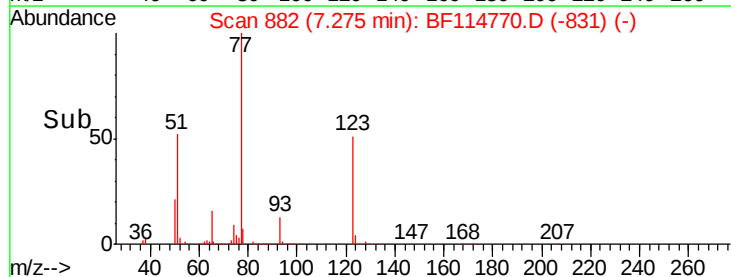
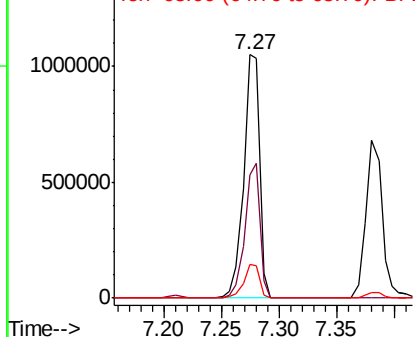


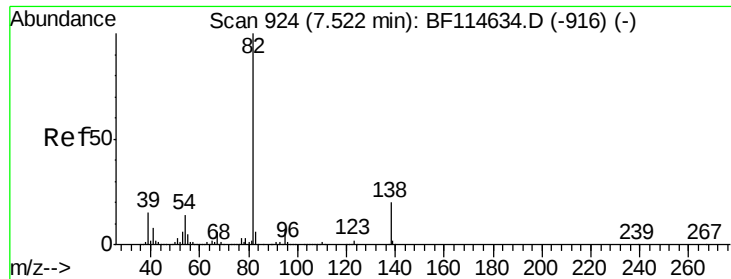
#24
 Nitrobenzene
 Concen: 45.587 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion: 77 Resp: 1004820
 Ion Ratio Lower Upper
 77 100
 123 50.7 38.5 57.7
 65 13.8 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

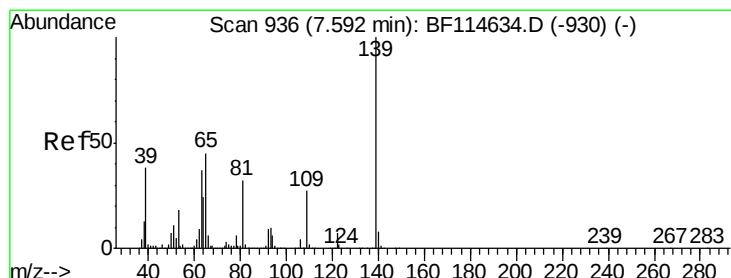
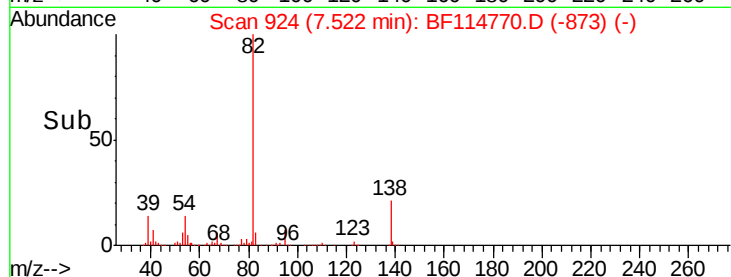
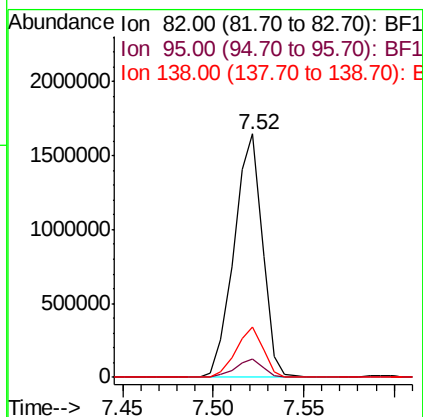
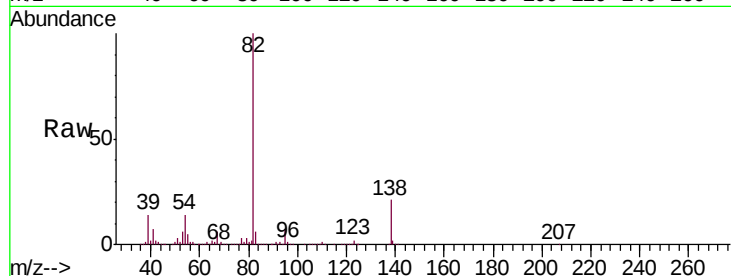




#25
Isophorone
Concen: 43.173 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

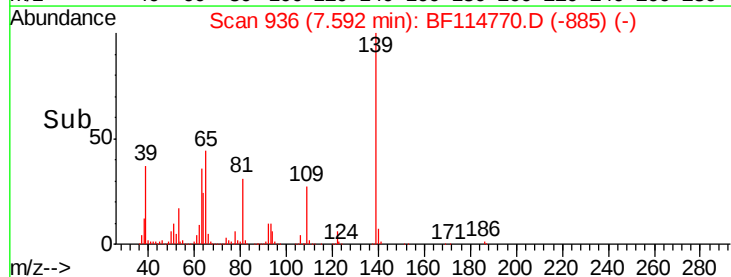
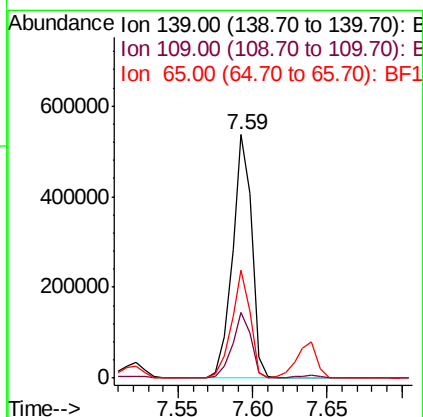
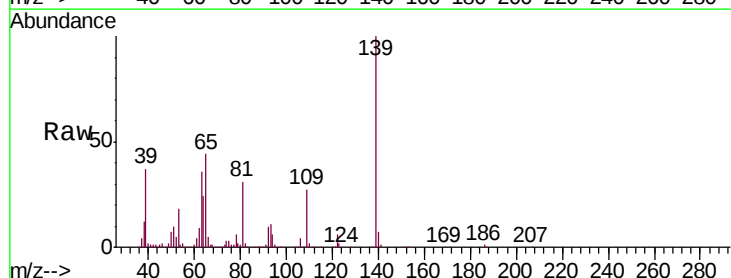
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

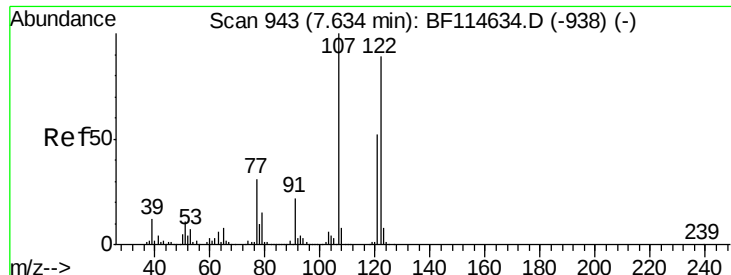
Tgt Ion: 82 Resp: 1797827
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 20.9 15.9 23.9



#26
2-Nitrophenol
Concen: 45.791 ng
RT: 7.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion: 139 Resp: 491308
Ion Ratio Lower Upper
139 100
109 27.0 21.7 32.5
65 44.4 36.3 54.5

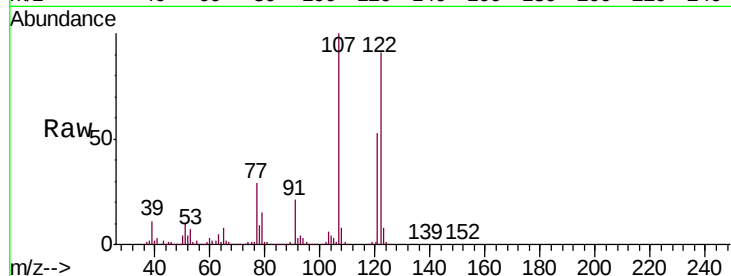




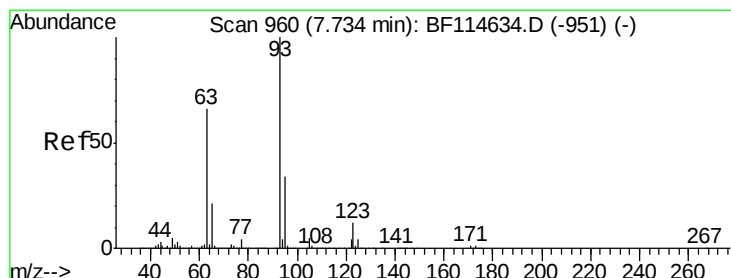
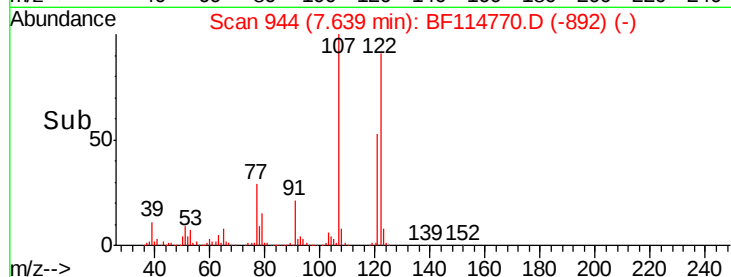
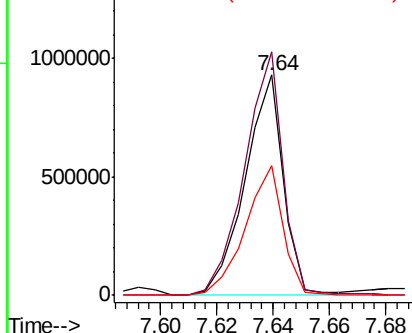
#27
 2,4-Dimethylphenol
 Concen: 48.797 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.4	89.3	133.9
121	59.0	46.8	70.2

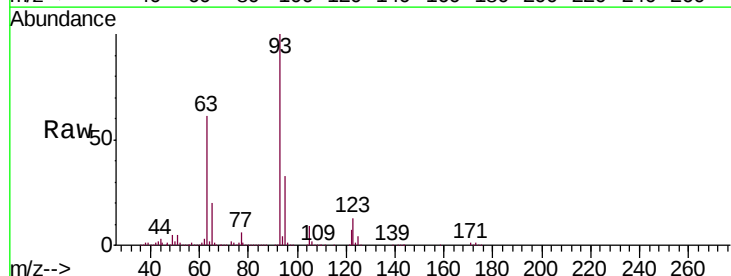


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

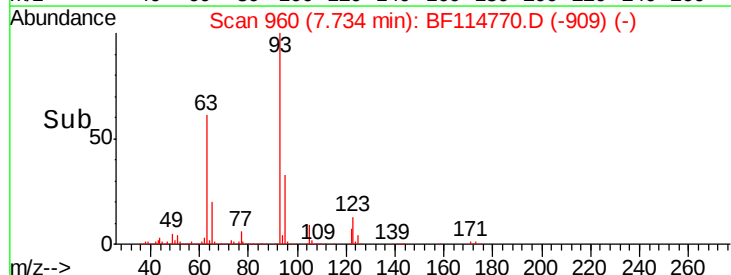
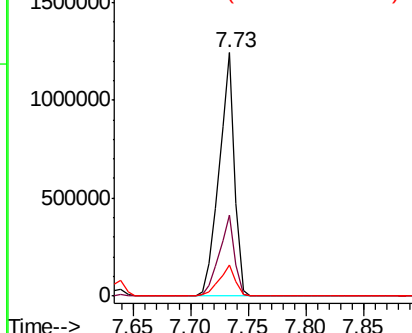


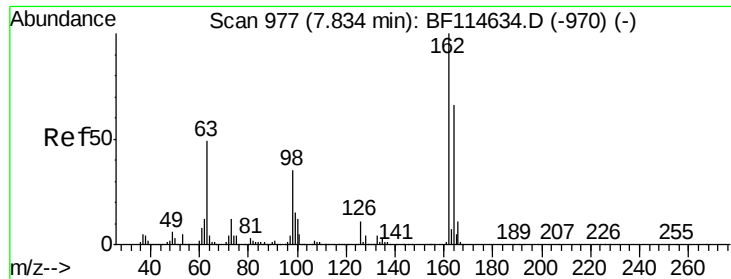
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.287 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.0	40.4
123	12.7	10.2	15.2



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

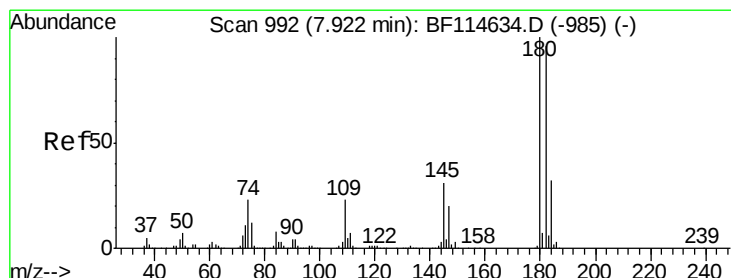
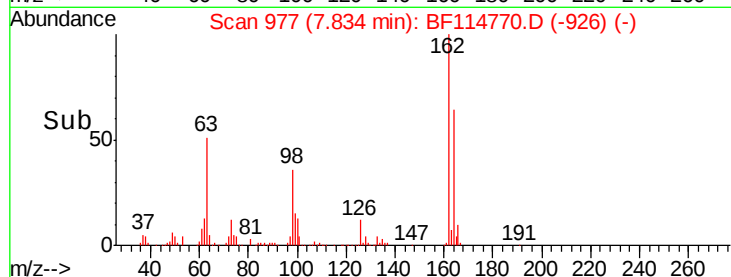
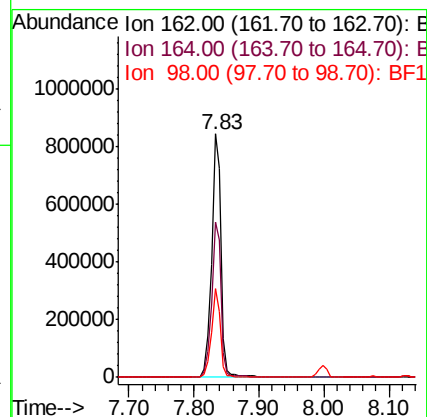
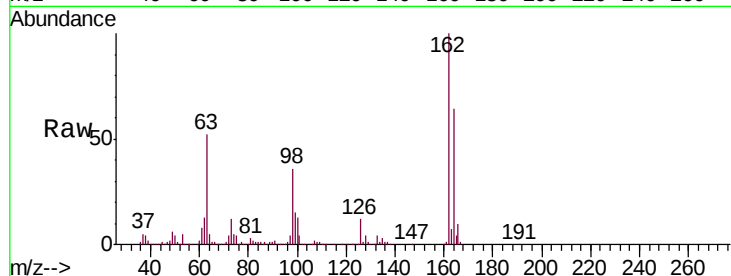




#29
2,4-Dichlorophenol
Concen: 45.941 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

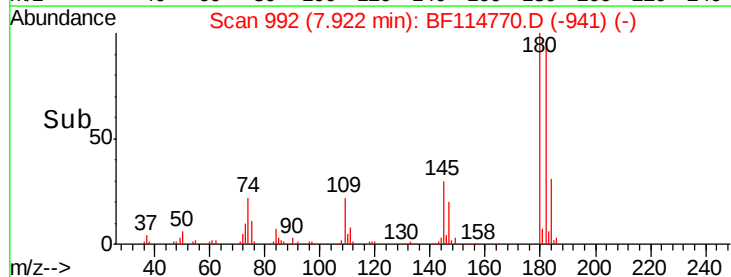
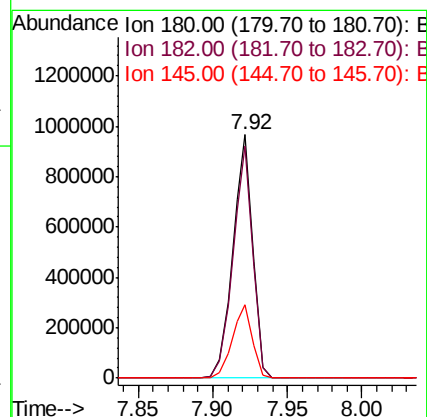
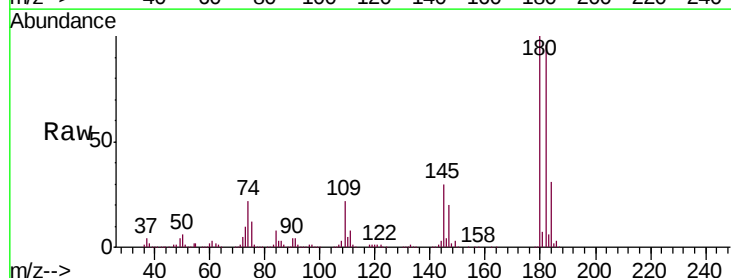
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

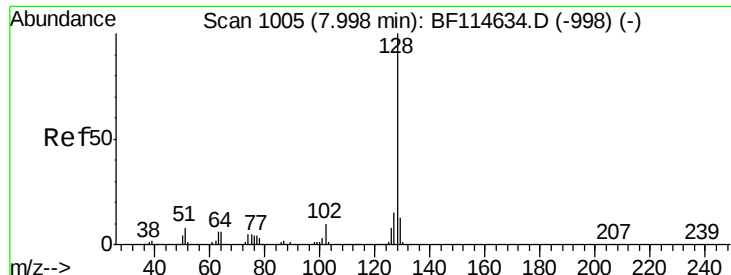
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.8	85.8
98	36.5	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 43.845 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.9	115.3
145	30.1	24.5	36.7

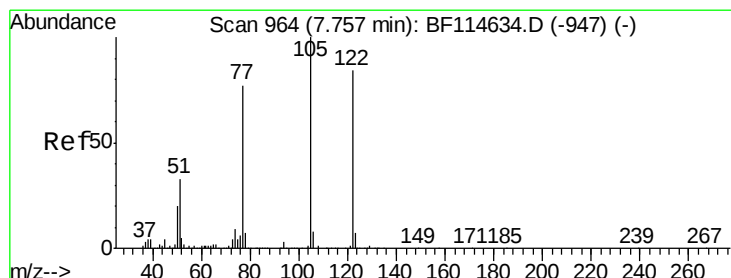
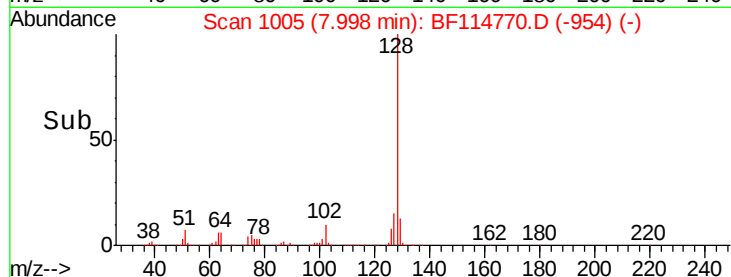
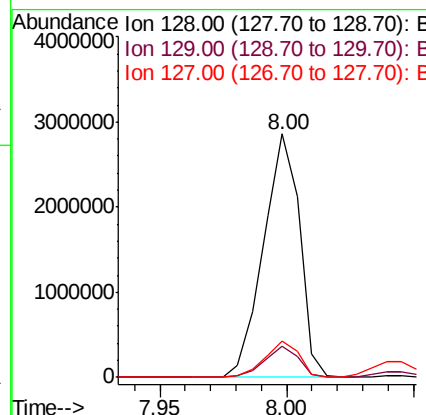
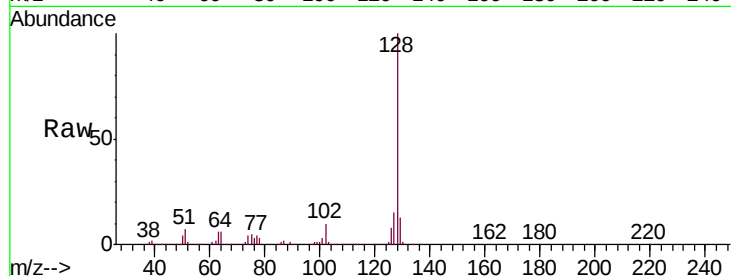




#31
Naphthalene
Concen: 48.072 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

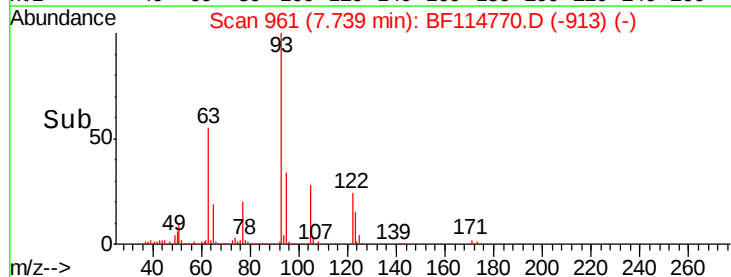
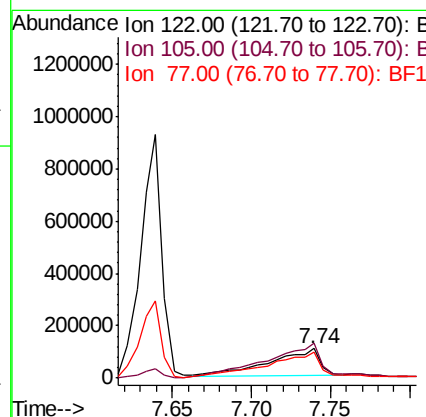
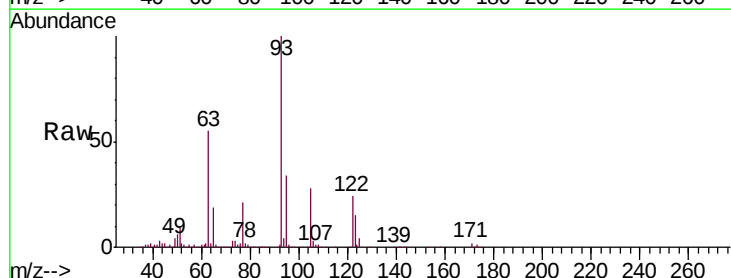
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:128 Resp: 2866527
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.2
127 14.7 11.9 17.9



#32
Benzoic acid
Concen: 19.901 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:122 Resp: 230653
Ion Ratio Lower Upper
122 100
105 117.6 98.3 138.3
77 86.8 70.7 110.7

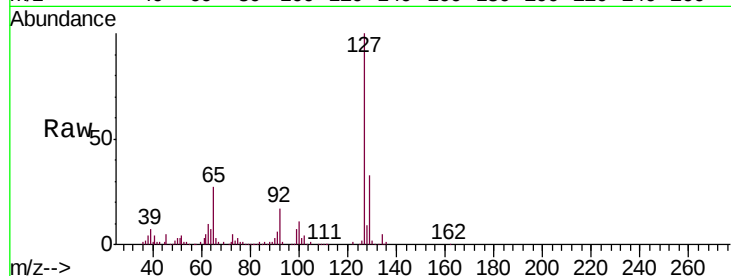




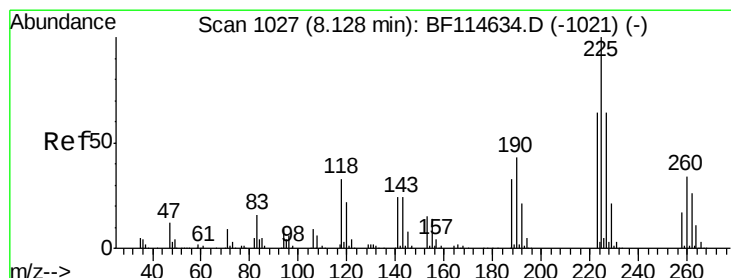
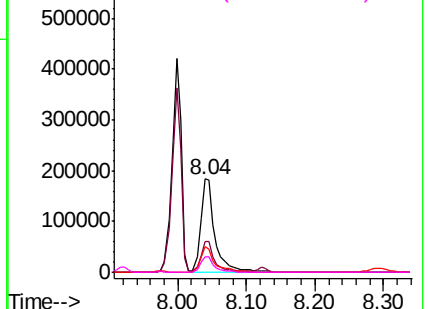
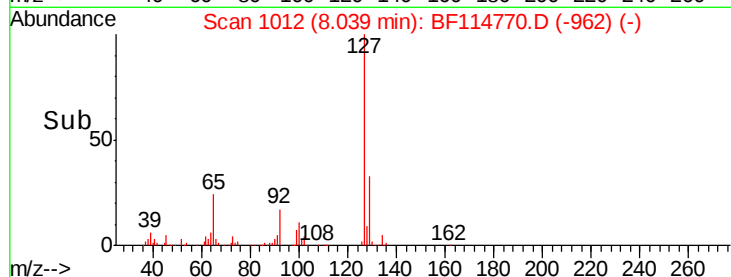
#33
4-Chloroaniline
Concen: 9.508 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:	127	Resp:	270117
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.7	40.1
65	27.1	22.5	33.7
92	17.2	14.6	22.0

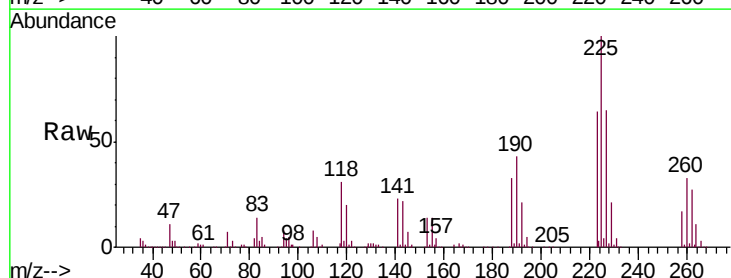


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

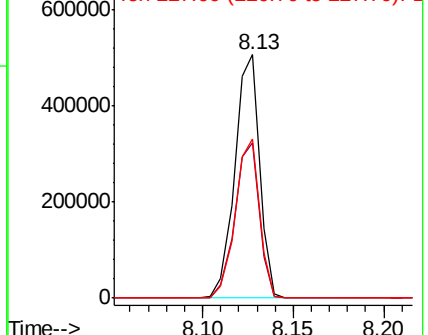
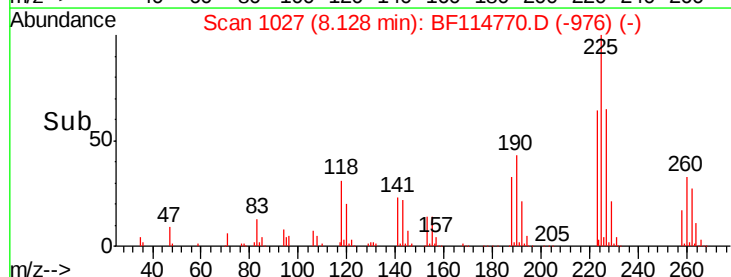


#34
Hexachlorobutadiene
Concen: 41.643 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:	225	Resp:	478697
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	65.5	51.3	76.9



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: 33.870 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

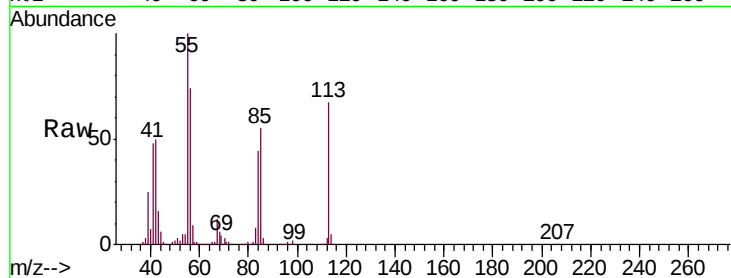
Tgt Ion:113 Resp: 207601

Ion Ratio Lower Upper

113 100

55 149.2 136.4 176.4

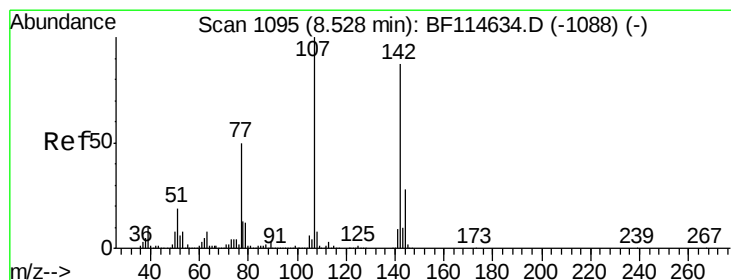
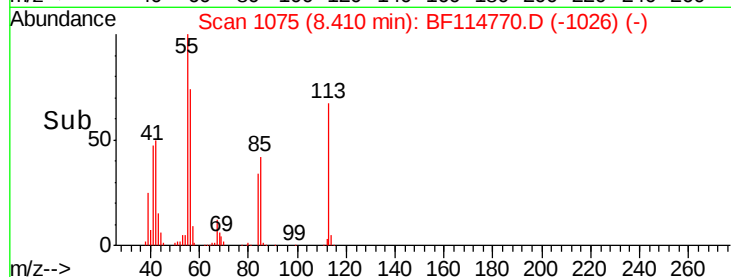
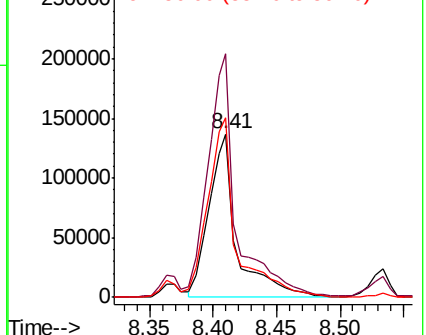
56 110.2 97.0 137.0



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: 44.799 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

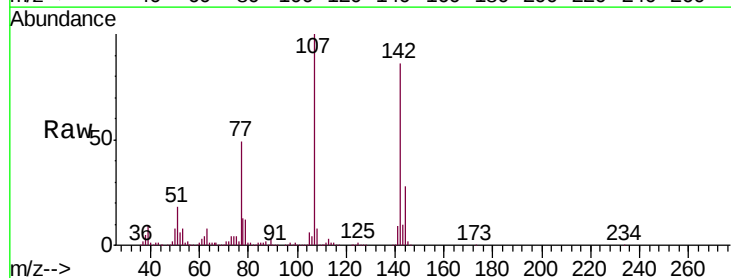
Tgt Ion:107 Resp: 815992

Ion Ratio Lower Upper

107 100

144 28.0 22.5 33.7

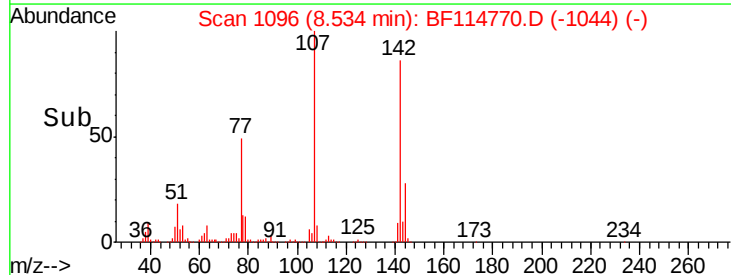
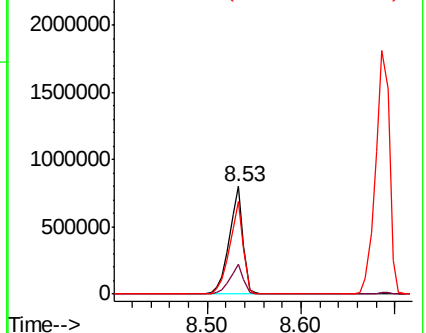
142 85.6 69.8 104.6

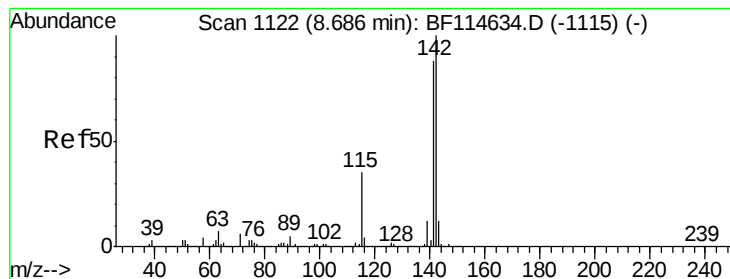


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.746 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

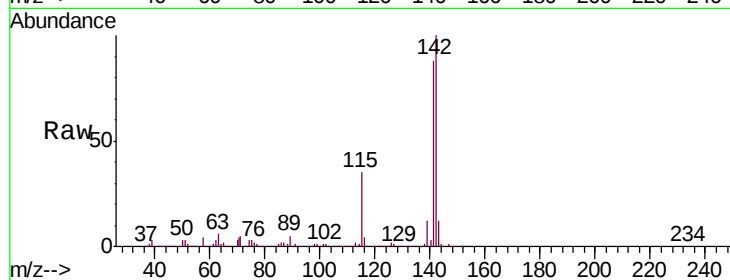
Tgt Ion:142 Resp: 1852062

Ion Ratio Lower Upper

142 100

141 88.2 70.3 105.5

115 34.7 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

2500000 Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

2000000

1500000

1000000

500000

0

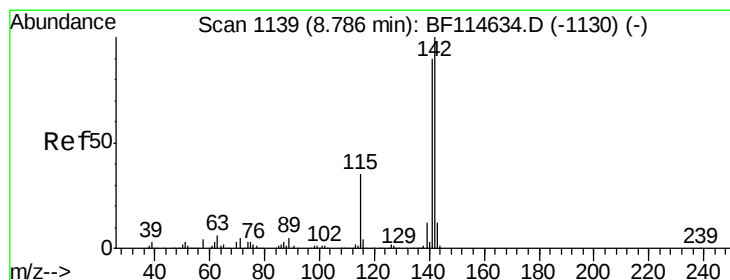
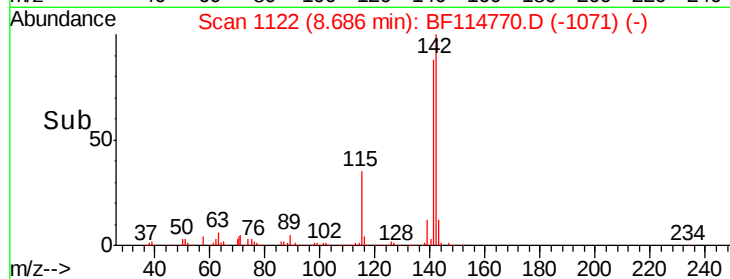
8.69

8.65

8.70

8.75

Time-->



#38

1-Methylnaphthalene

Concen: 46.772 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

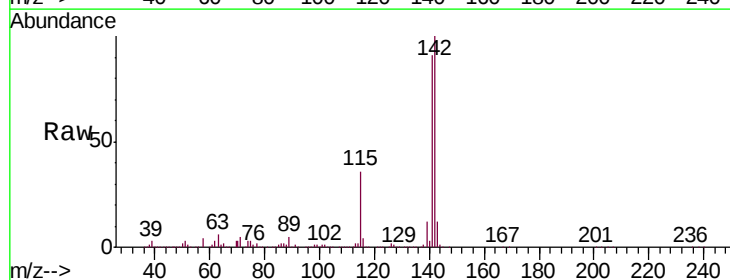
Tgt Ion:142 Resp: 1755725

Ion Ratio Lower Upper

142 100

141 91.4 72.3 108.5

116 3.7 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

2500000 Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

2000000

1500000

1000000

500000

0

8.79

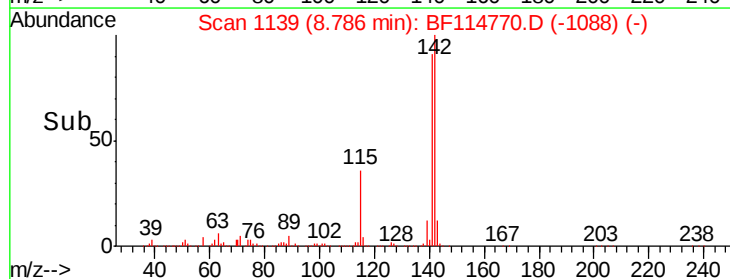
8.70

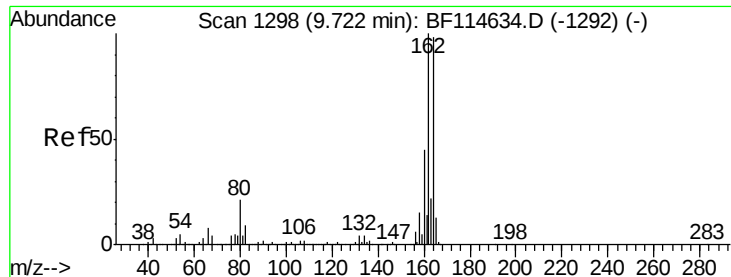
8.75

8.80

8.85

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

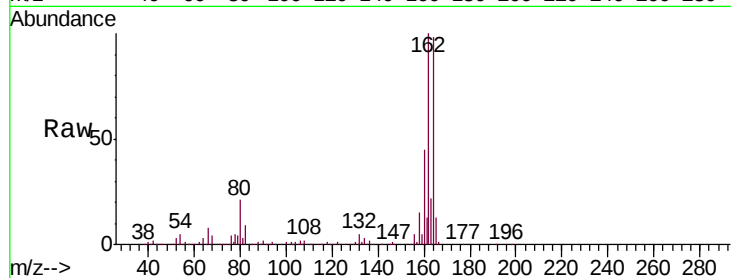
Tgt Ion:164 Resp: 575275

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

160 45.9 36.6 54.8

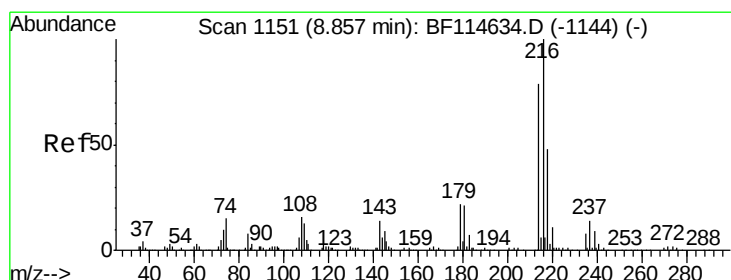
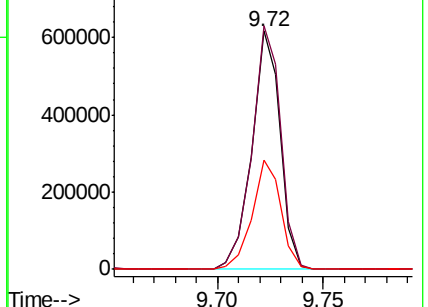
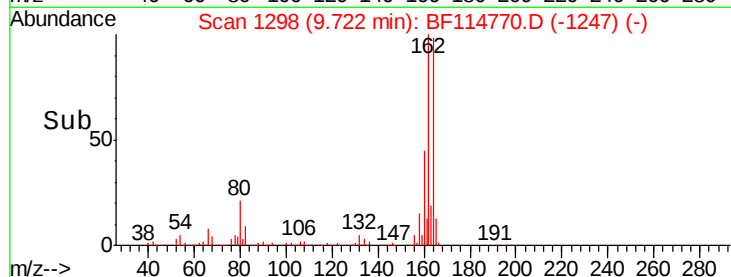


Abundance

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: 53.910 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:216 Resp: 825902

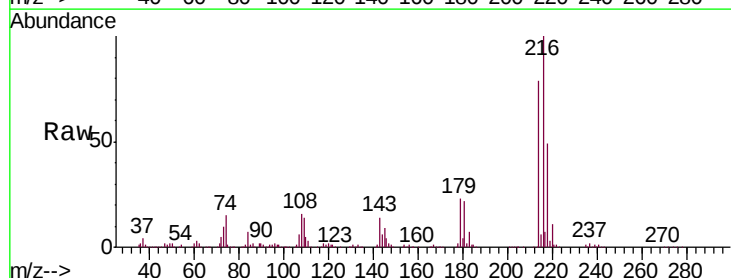
Ion Ratio Lower Upper

216 100

214 79.3 63.2 94.8

179 22.7 17.9 26.9

108 18.0 15.8 23.8



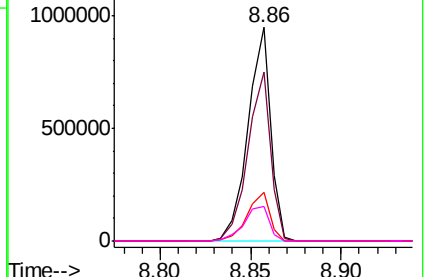
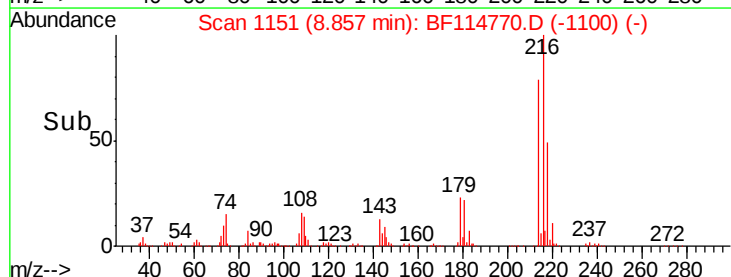
Abundance

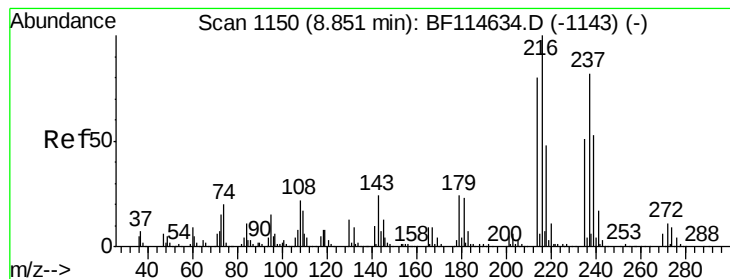
Ion 216.00 (215.70 to 216.70): E

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: 21.552 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

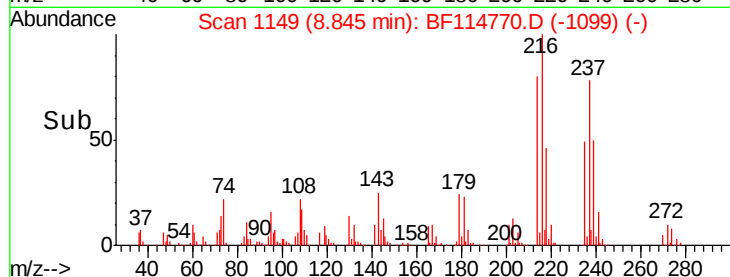
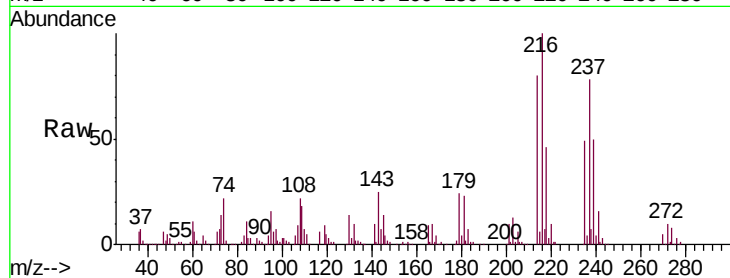
Tgt Ion: 237 Resp: 218191

Ion Ratio Lower Upper

237 100

235 63.2 42.8 82.8

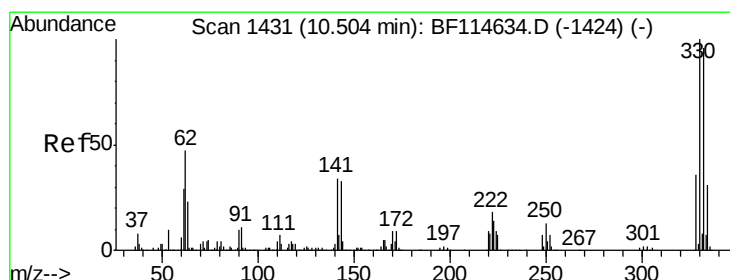
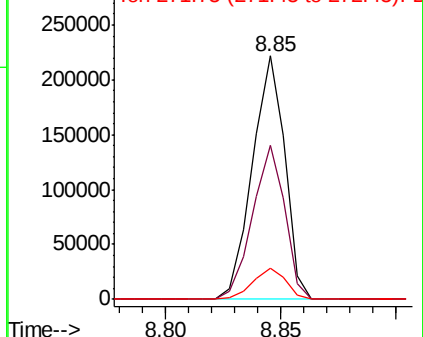
272 13.0 0.0 33.7



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: 130.513 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

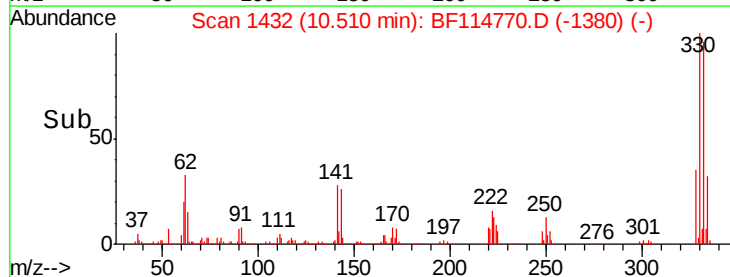
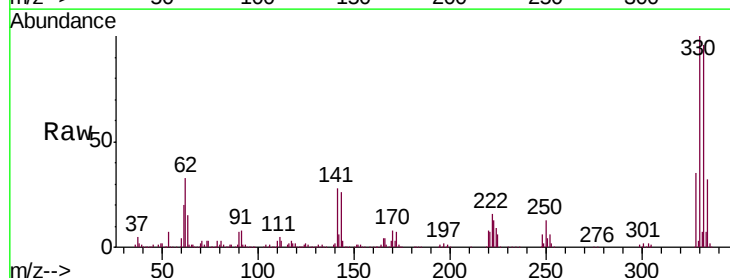
Tgt Ion: 330 Resp: 715404

Ion Ratio Lower Upper

330 100

332 95.1 75.8 113.8

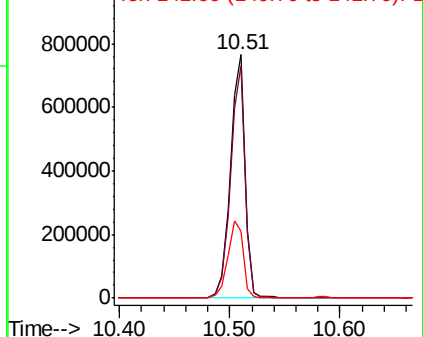
141 33.4 27.8 41.8

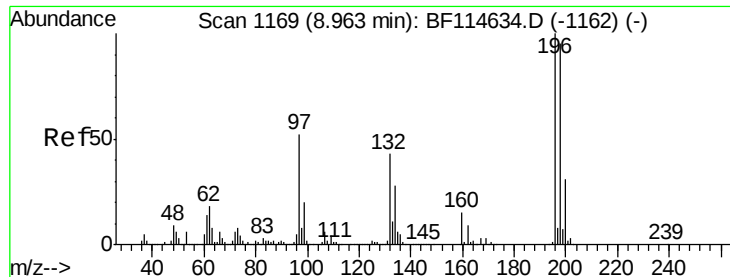


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

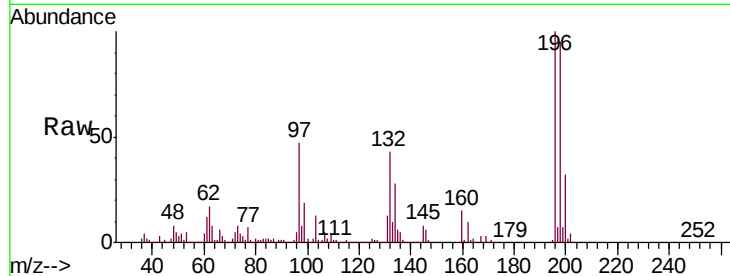




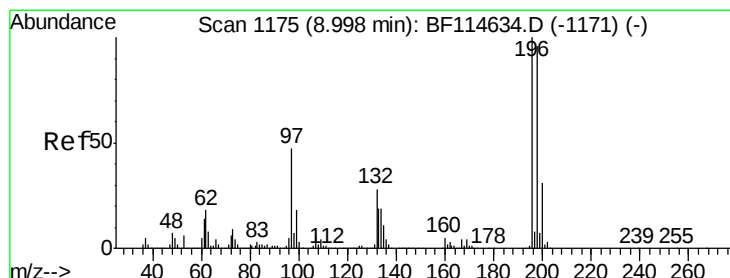
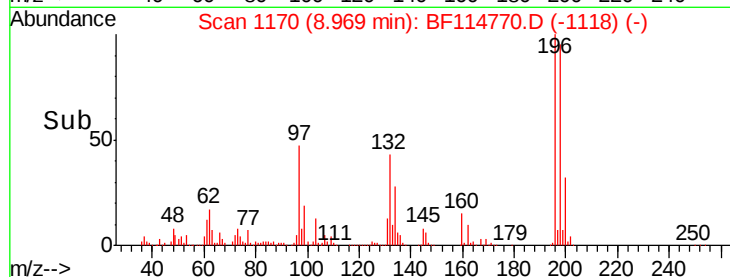
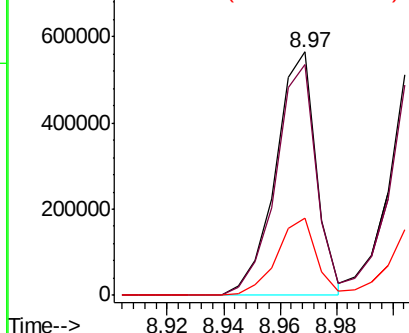
#43
 2,4,6-Trichlorophenol
 Concen: 46.888 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tgt Ion:196 Resp: 565202
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.1 114.1
 200 31.8 24.7 37.1



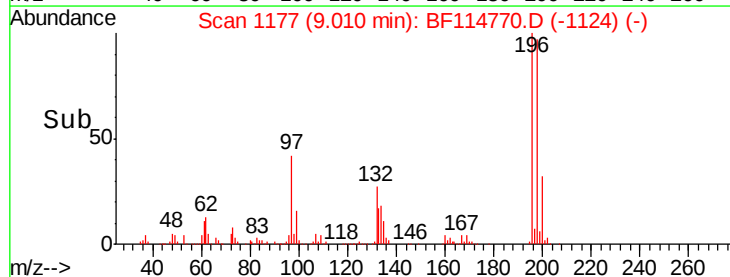
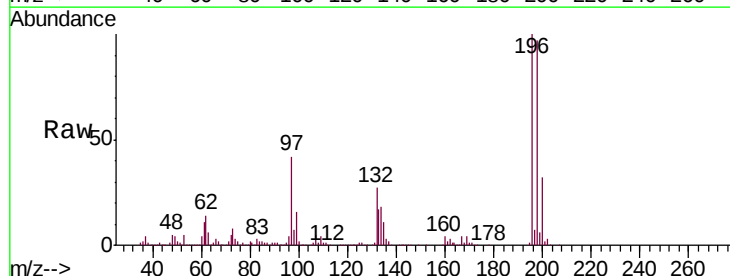
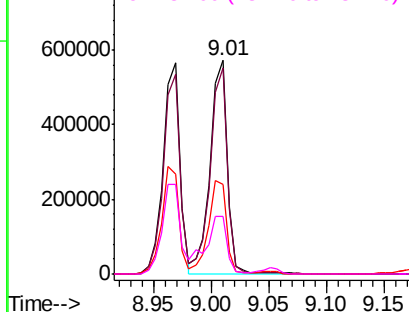
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

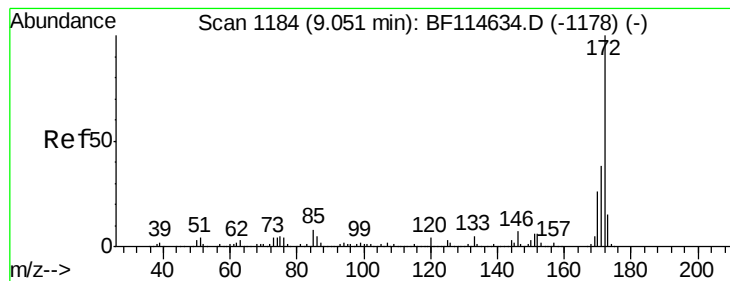


#44
 2,4,5-Trichlorophenol
 Concen: 49.315 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion:196 Resp: 593211
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.8 115.2
 97 41.7 37.8 56.8
 132 27.1 22.6 33.8

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: 115.561 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

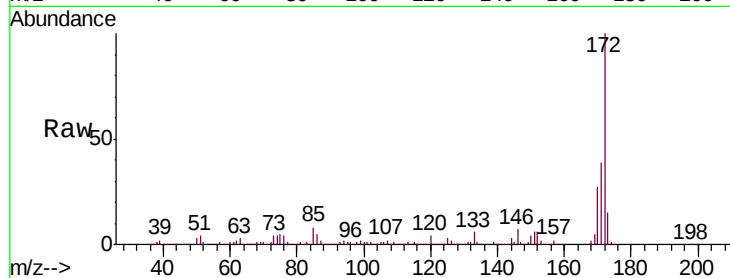
Tgt Ion:172 Resp: 3362802

Ion Ratio Lower Upper

172 100

171 38.6 30.6 45.8

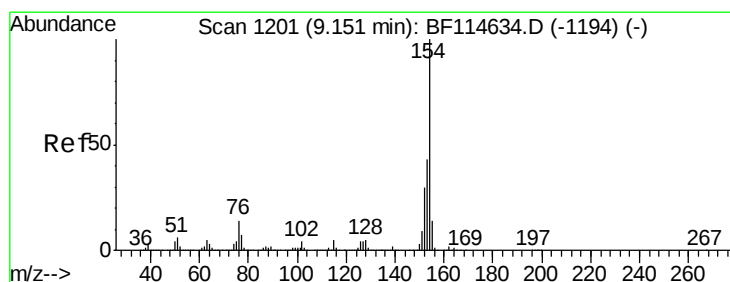
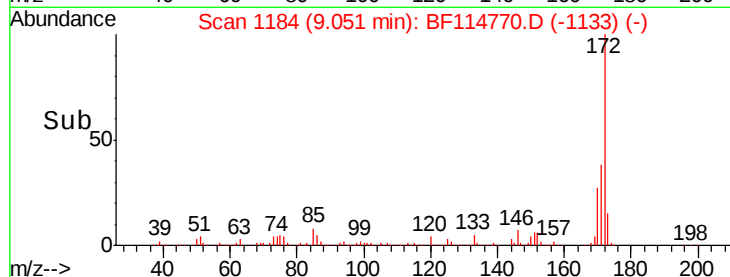
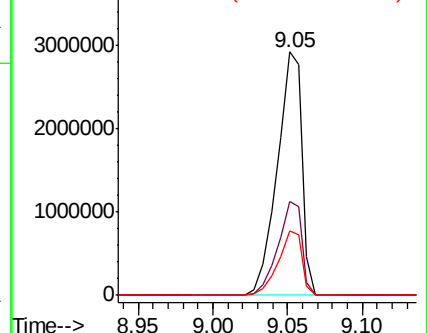
170 26.6 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 49.831 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

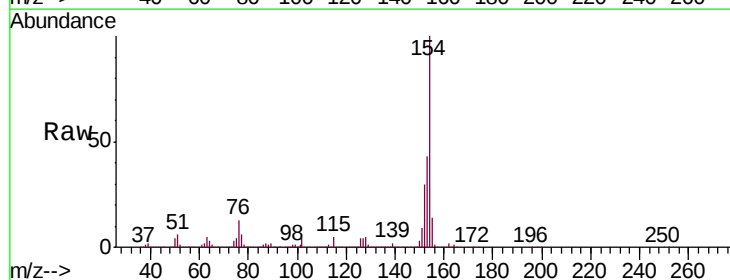
Tgt Ion:154 Resp: 2127945

Ion Ratio Lower Upper

154 100

153 42.8 23.0 63.0

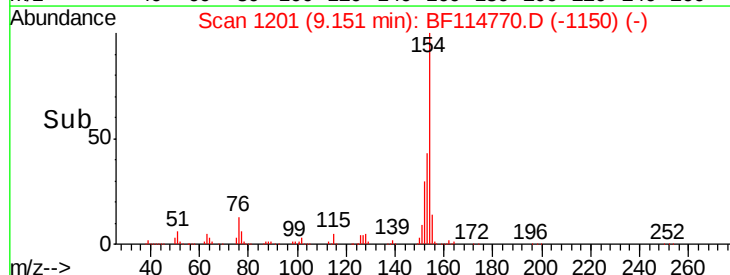
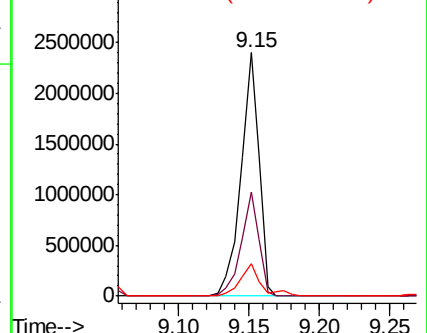
76 13.5 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

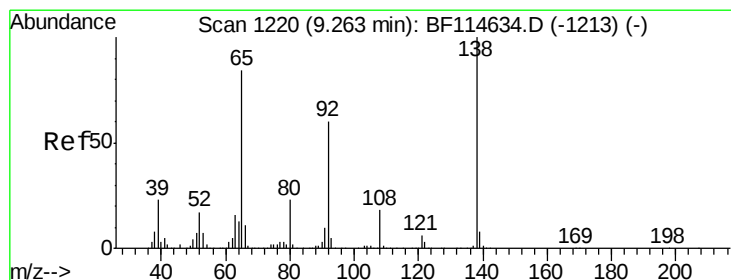
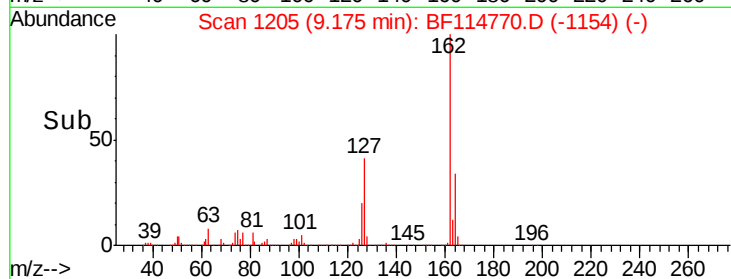
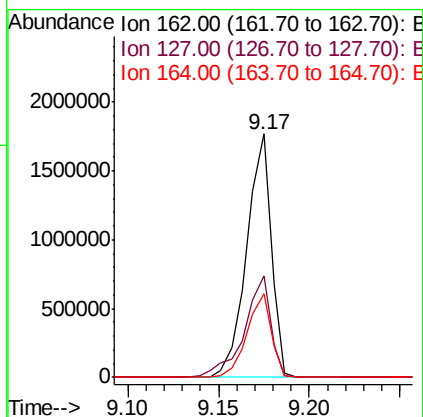
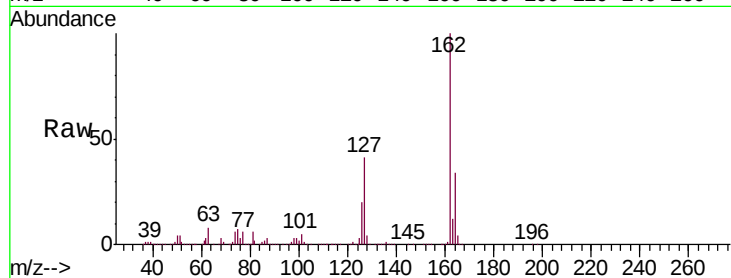




#47
2-Chloronaphthalene
Concen: 47.751 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

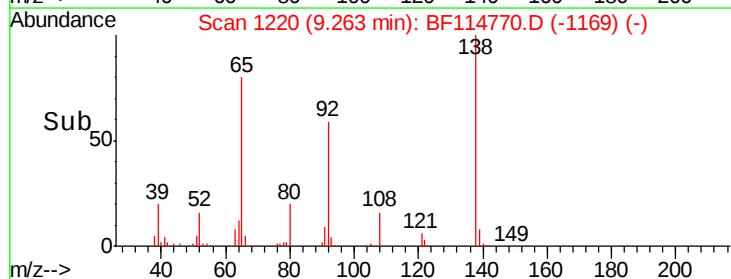
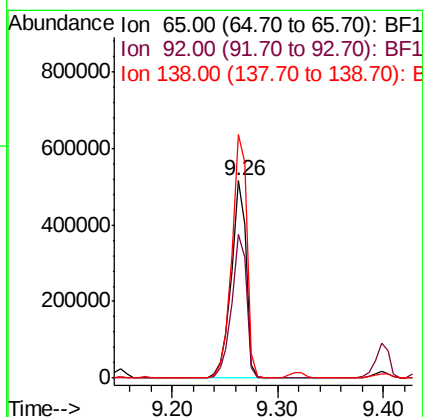
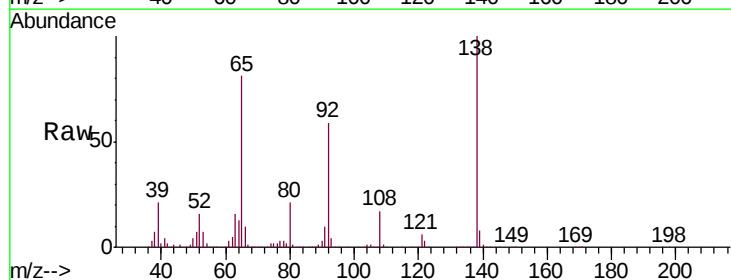
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

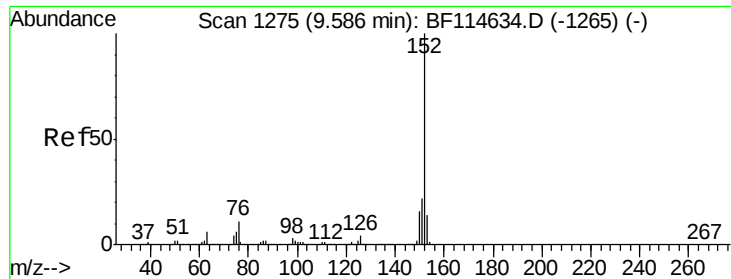
Tgt Ion: 162 Resp: 1672661
Ion Ratio Lower Upper
162 100
127 41.5 32.2 48.2
164 34.5 27.8 41.6



#48
2-Nitroaniline
Concen: 46.035 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion: 65 Resp: 497627
Ion Ratio Lower Upper
65 100
92 73.2 57.1 85.7
138 123.5 95.8 143.6





#49

Acenaphthylene

Concen: 46.069 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

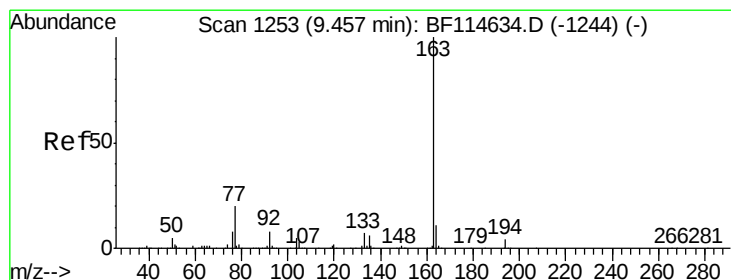
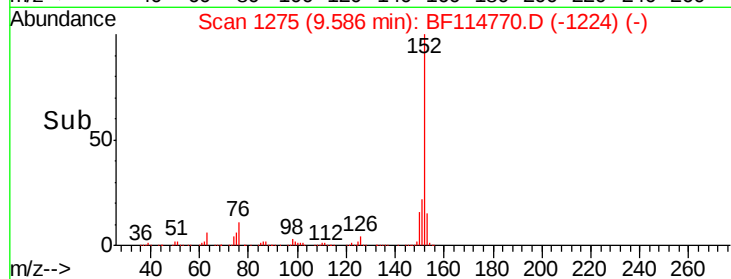
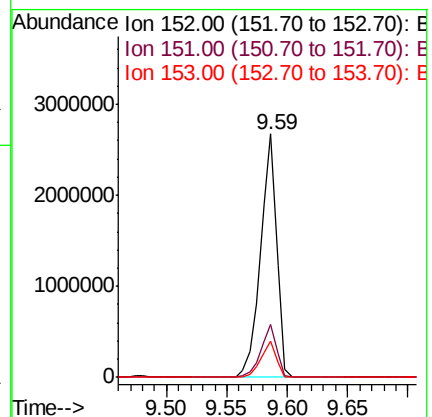
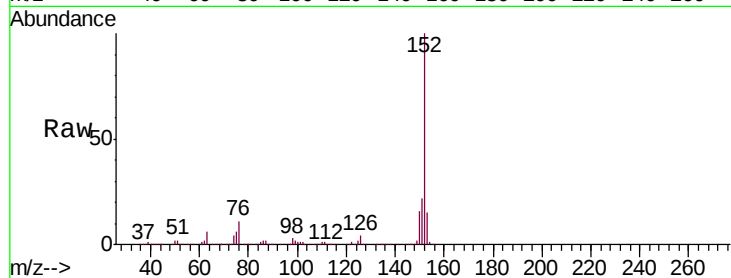
Tgt Ion:152 Resp: 2493040

Ion Ratio Lower Upper

152 100

151 21.9 17.5 26.3

153 14.9 11.6 17.4



#50

Dimethylphthalate

Concen: 49.116 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

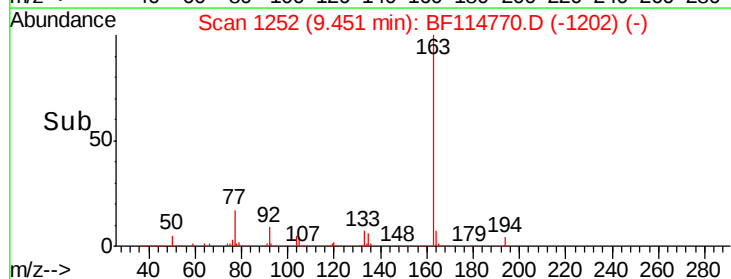
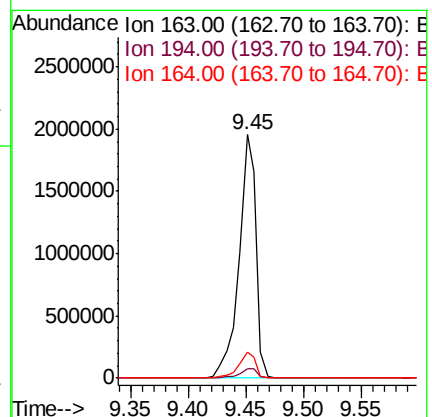
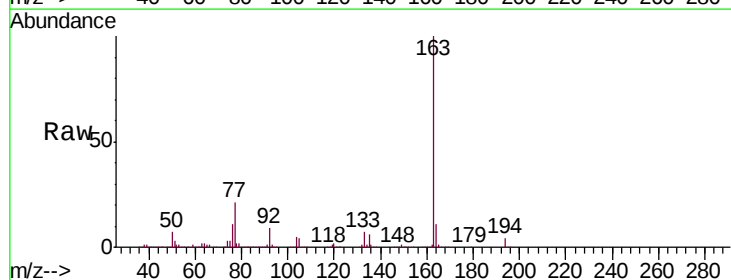
Tgt Ion:163 Resp: 1968858

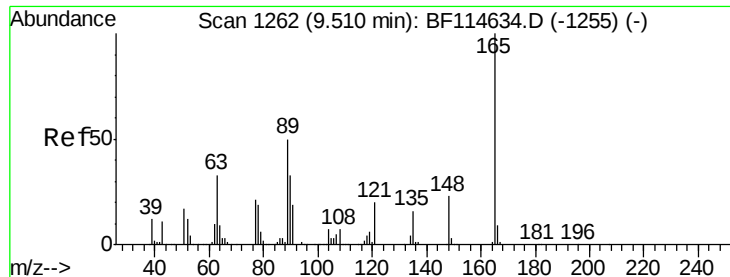
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.8 8.6 13.0

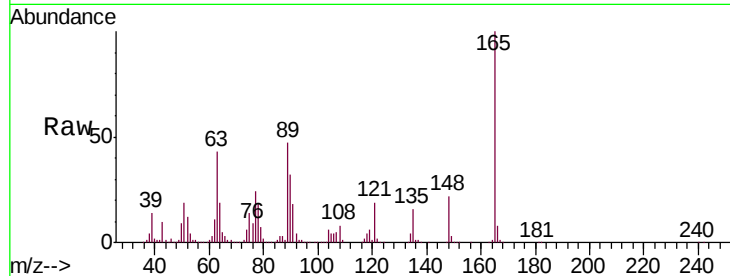




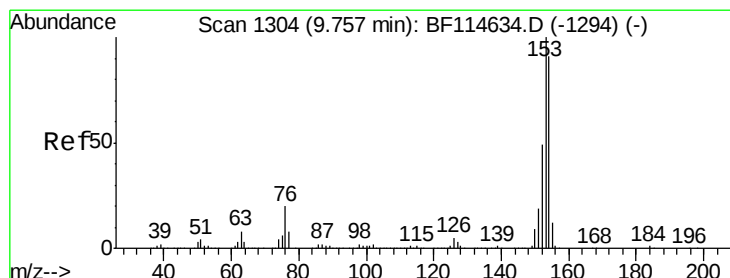
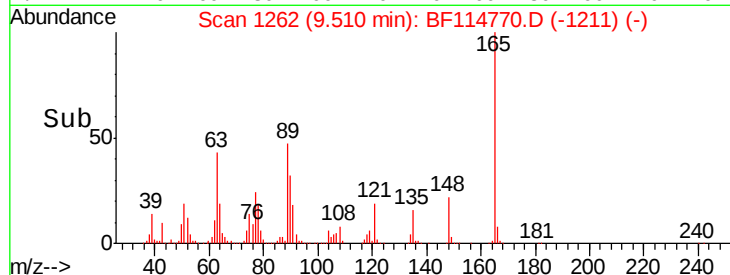
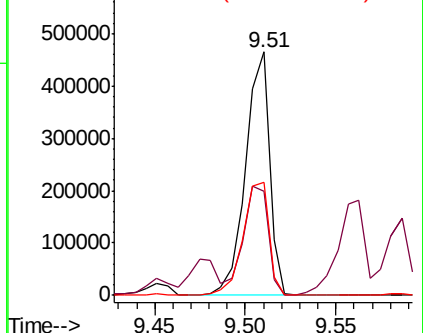
#51
 2,6-Dinitrotoluene
 Concen: 46.153 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tgt Ion:165 Resp: 429893
 Ion Ratio Lower Upper
 165 100
 63 42.8 36.6 54.8
 89 46.7 40.2 60.4

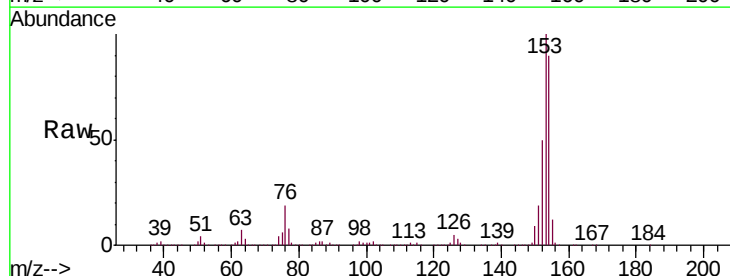


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

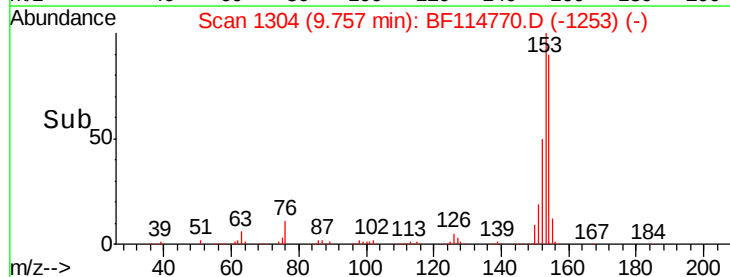
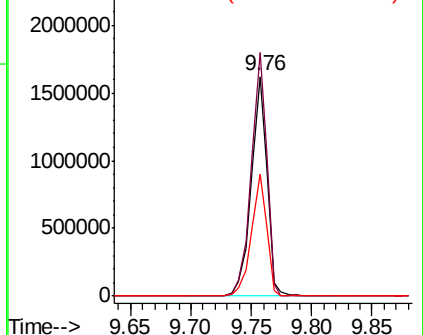


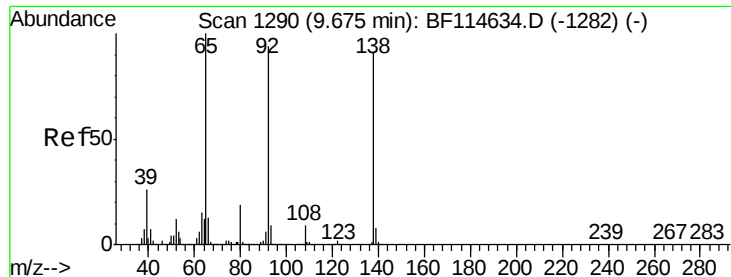
#52
 Acenaphthene
 Concen: 44.828 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion:154 Resp: 1487759
 Ion Ratio Lower Upper
 154 100
 153 110.8 88.4 132.6
 152 55.5 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

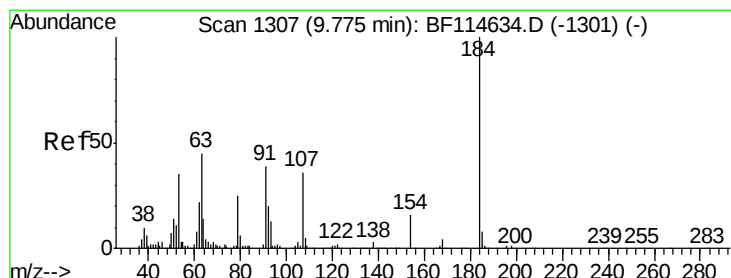
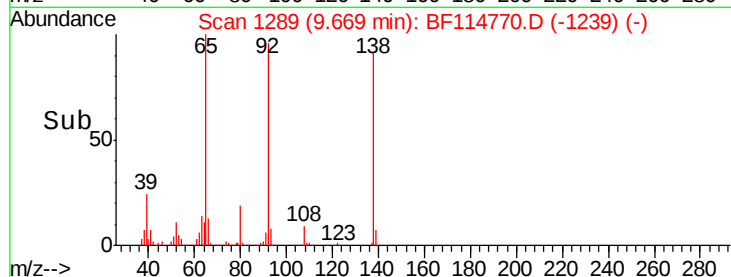
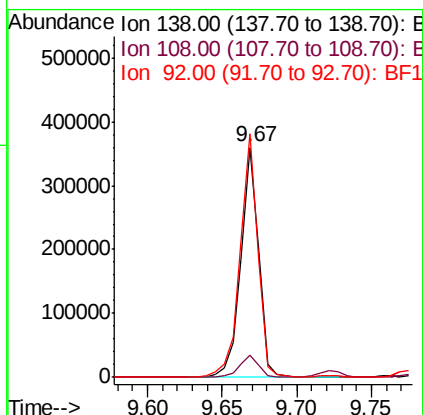
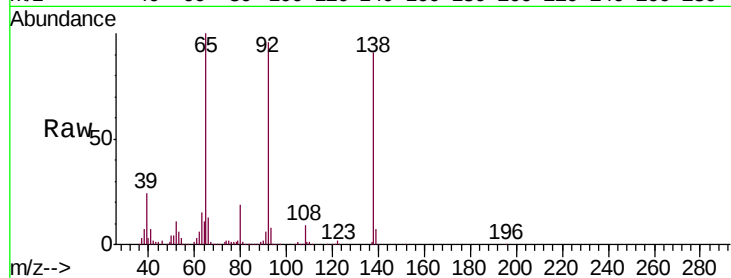




#53
3-Nitroaniline
Concen: 26.300 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

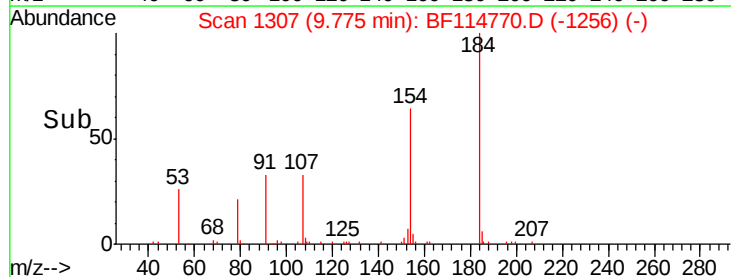
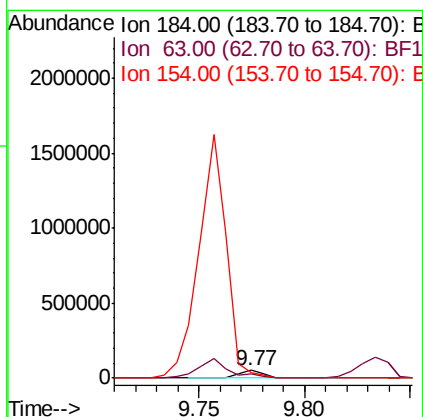
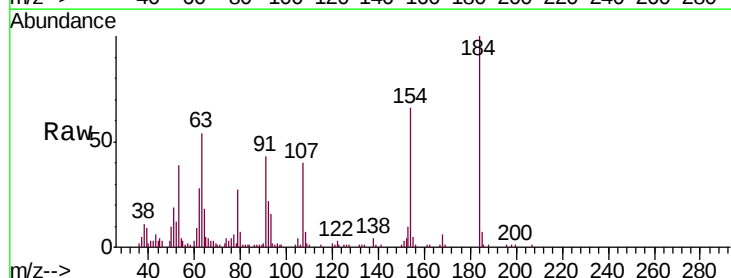
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

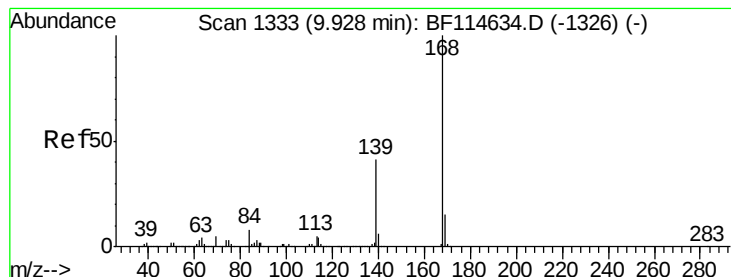
Tgt Ion:138 Resp: 299822
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 105.9 83.1 124.7



#54
2,4-Dinitrophenol
Concen: 11.709 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:184 Resp: 43018
Ion Ratio Lower Upper
184 100
63 54.0 38.8 58.2
154 65.7 43.7 65.5#





#55

Dibenzenofuran

Concen: 46.079 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

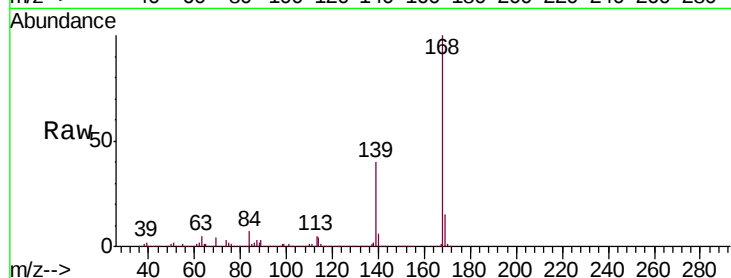
Tgt Ion:168 Resp: 2176841

Ion Ratio Lower Upper

168 100

139 40.3 32.6 48.8

169 14.5 11.8 17.8

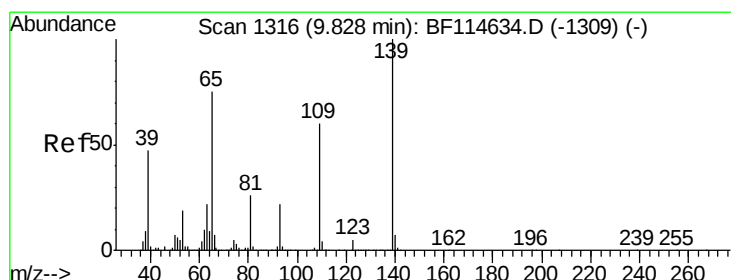
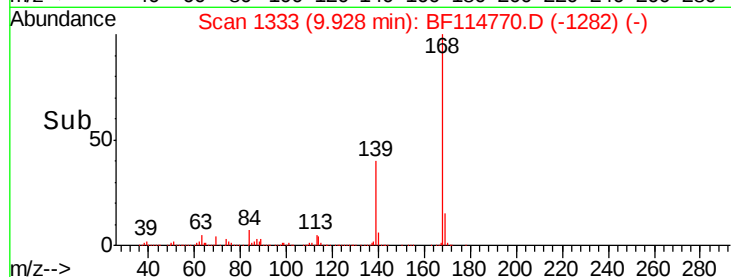
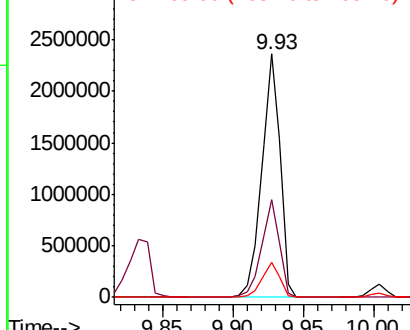


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.532 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

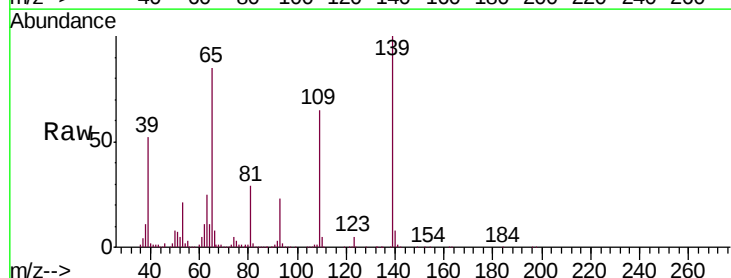
Tgt Ion:139 Resp: 621200

Ion Ratio Lower Upper

139 100

109 64.8 40.4 80.4

65 85.1 54.7 94.7

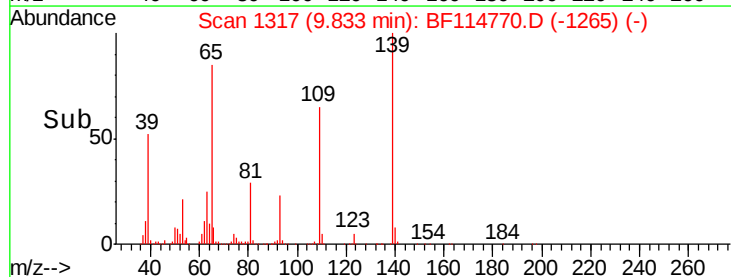
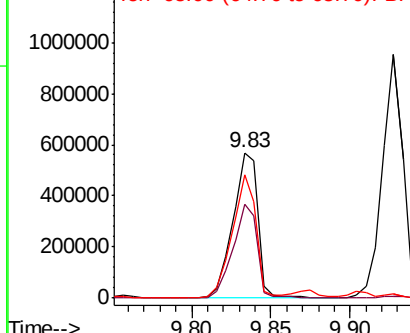


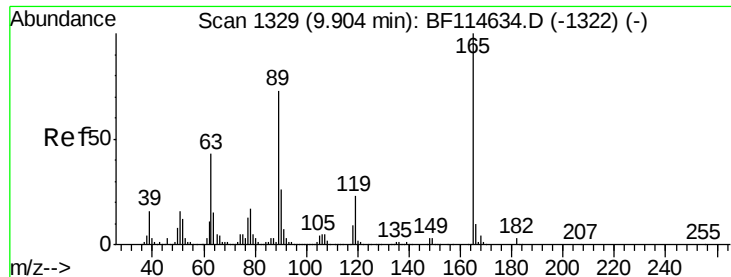
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

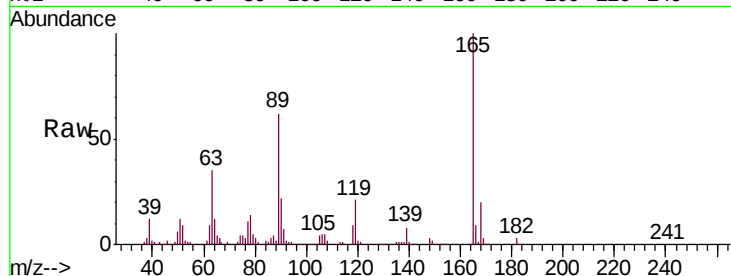




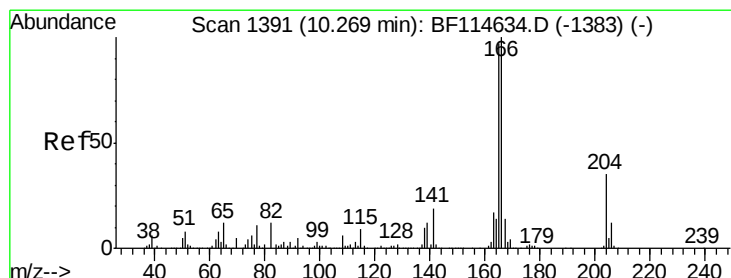
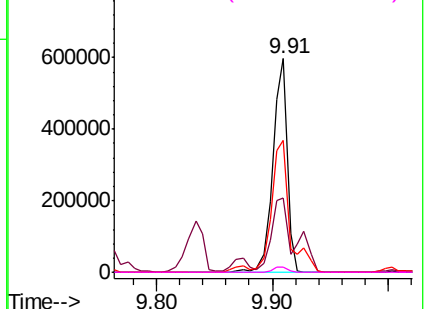
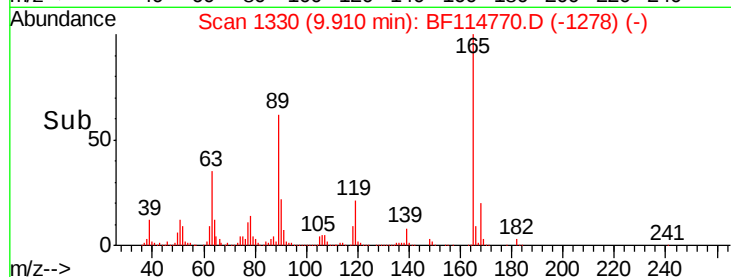
#57
 2,4-Dinitrotoluene
 Concen: 43.438 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

Tgt Ion:165 Resp: 519271
 Ion Ratio Lower Upper
 165 100
 63 34.6 34.8 52.2#
 89 61.7 58.5 87.7
 182 2.6 2.2 3.2

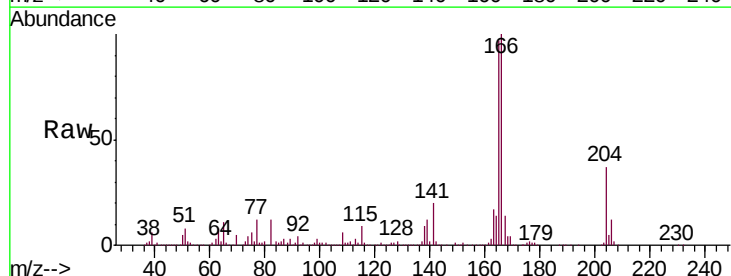


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

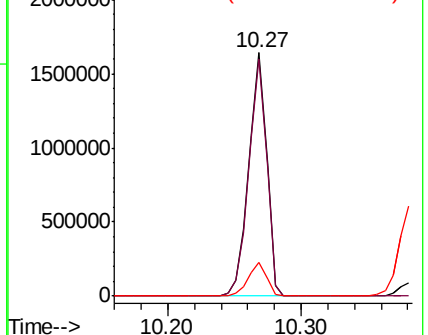
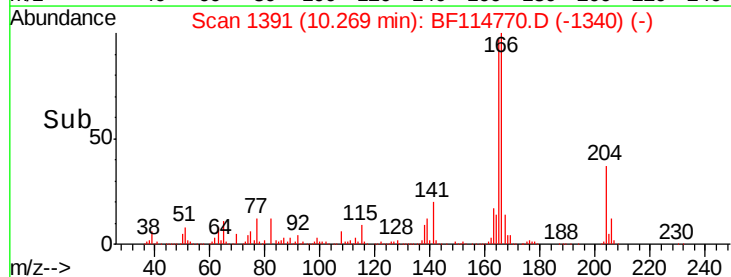


#58
 Fluorene
 Concen: 49.476 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion:166 Resp: 1506032
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.6 116.4
 167 13.7 11.2 16.8



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

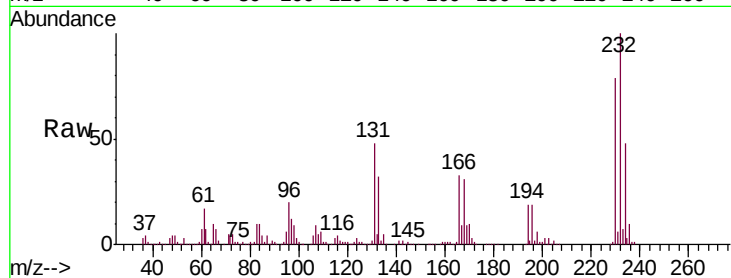




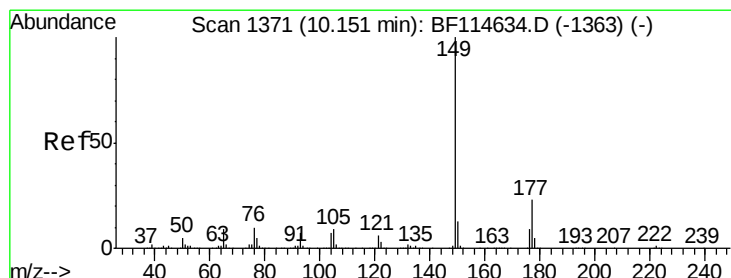
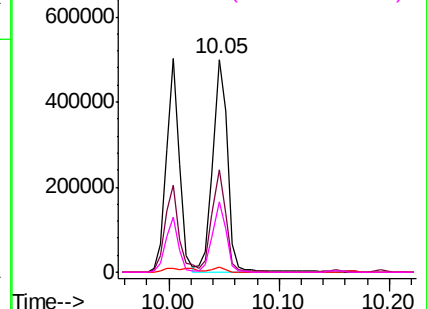
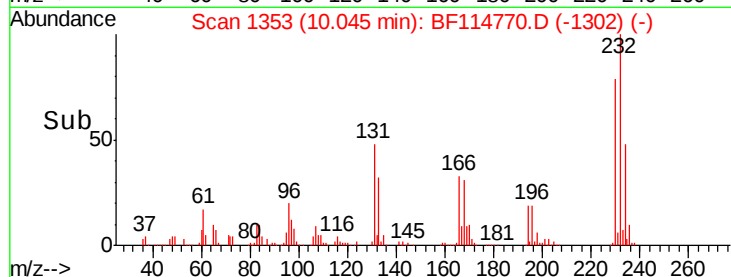
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.794 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:	232	Resp:	450890
Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.2	55.8
130	2.1	1.8	2.8
166	30.5	24.8	37.2

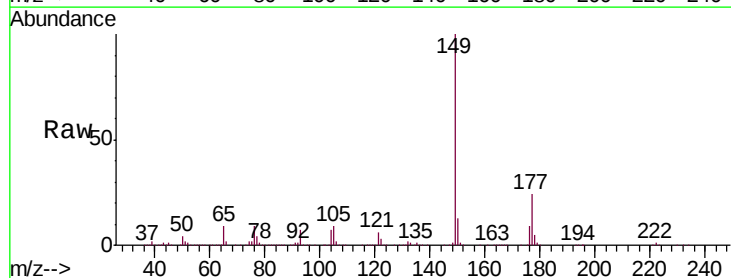


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

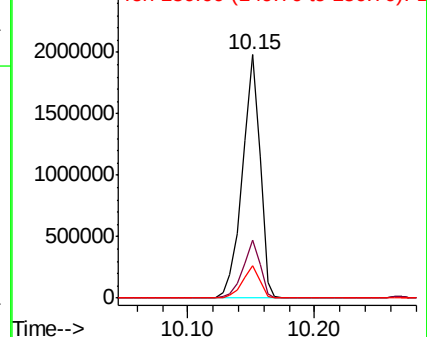
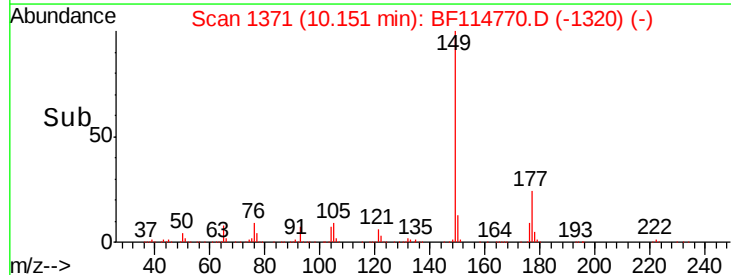


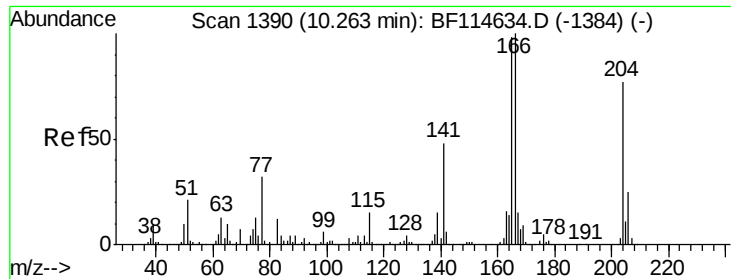
#60
Diethylphthalate
Concen: 45.894 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:	149	Resp:	1878977
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.6	28.0
150	13.3	10.6	15.8



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

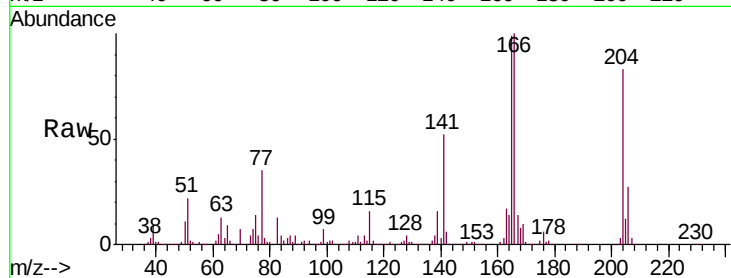




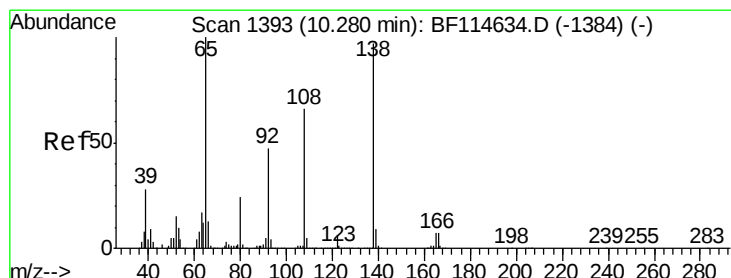
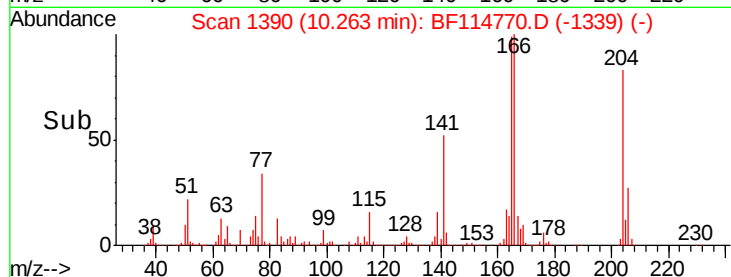
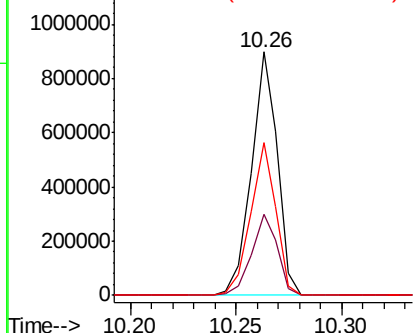
#61
4-Chlorophenyl-phenylether
Concen: 49.867 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:204 Resp: 763737
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 62.9 50.0 75.0

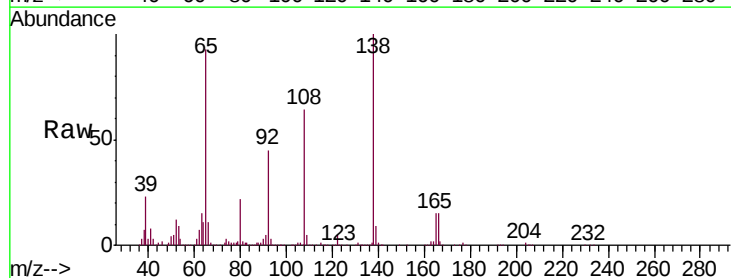


Abundance Ion 204.00 (203.70 to 204.70): E
1200000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

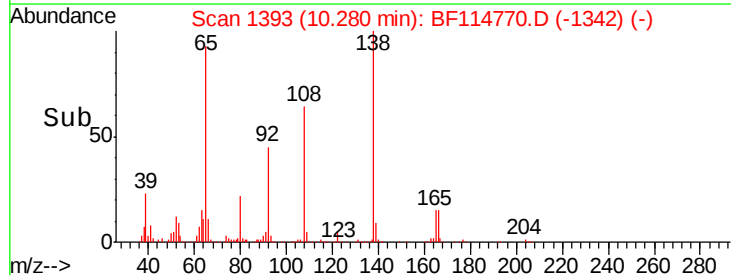
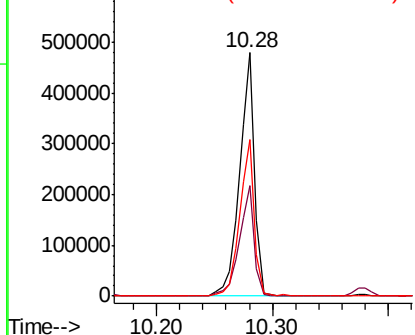


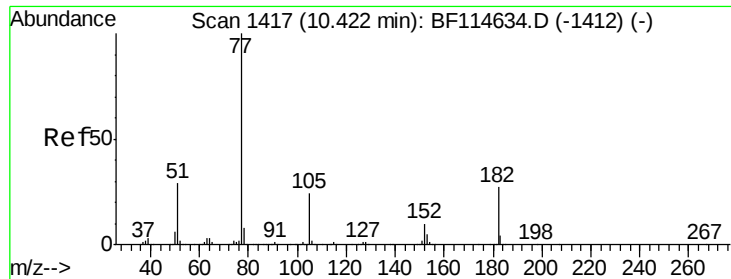
#62
4-Nitroaniline
Concen: 38.627 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:138 Resp: 429100
Ion Ratio Lower Upper
138 100
92 45.5 28.0 68.0
108 64.3 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E
600000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.522 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

Tgt Ion: 77 Resp: 1598365

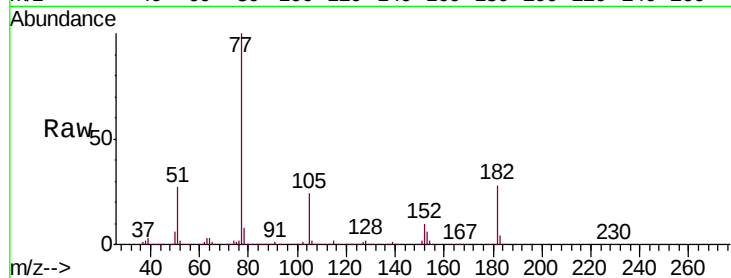
Ion Ratio Lower Upper

77 100

182 27.6 7.0 47.0

105 24.2 3.7 43.7

51 27.4 9.1 49.1

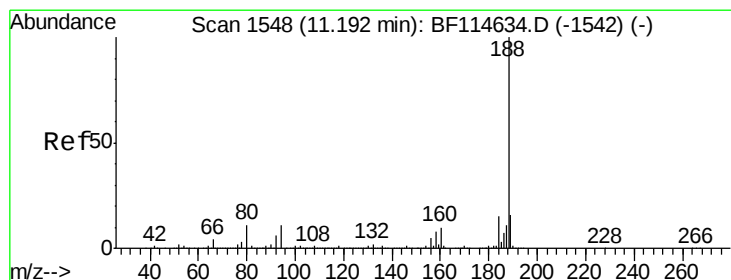
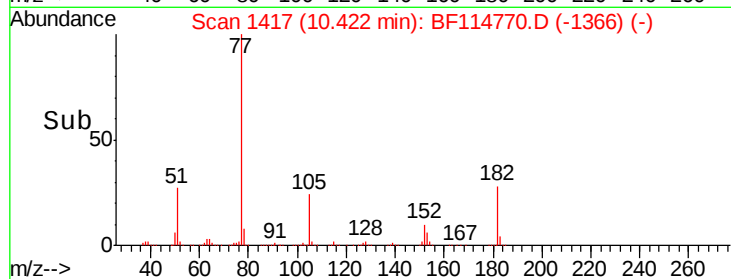
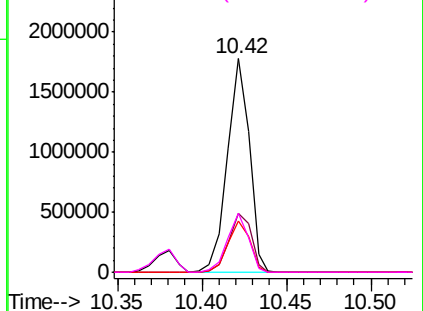


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

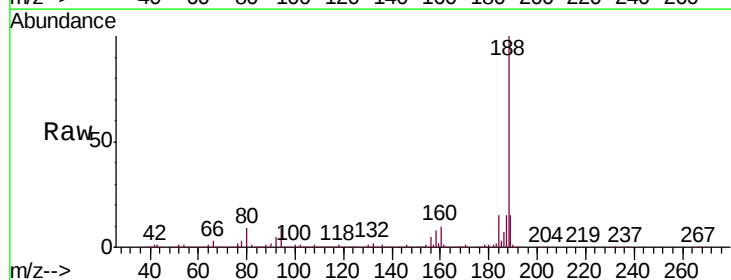
Tgt Ion: 188 Resp: 965763

Ion Ratio Lower Upper

188 100

94 8.6 8.6 13.0#

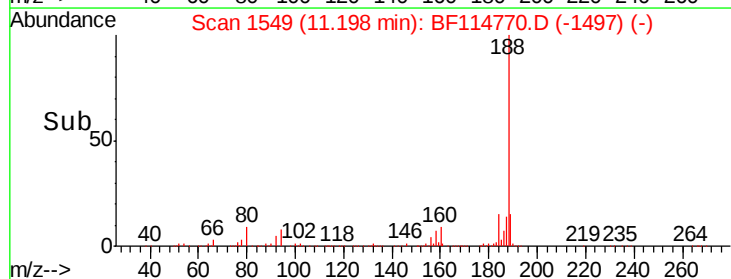
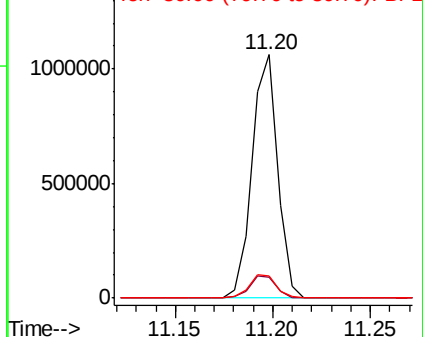
80 9.2 9.0 13.6

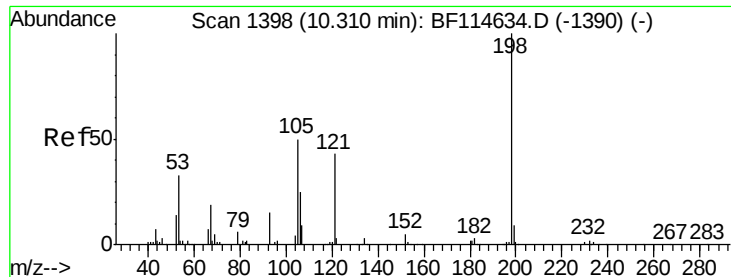


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

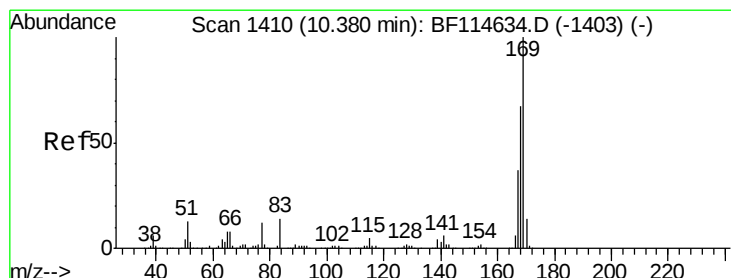
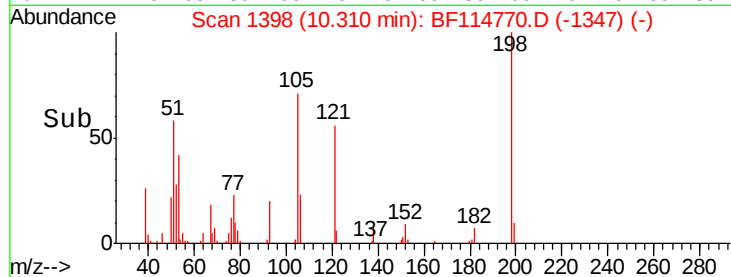
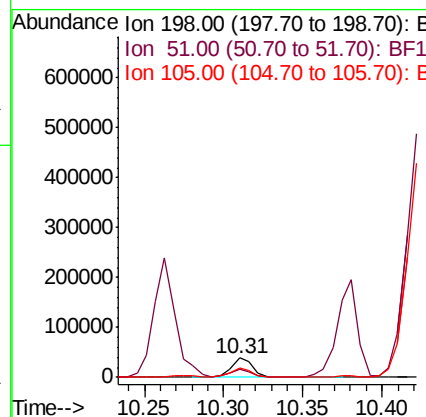
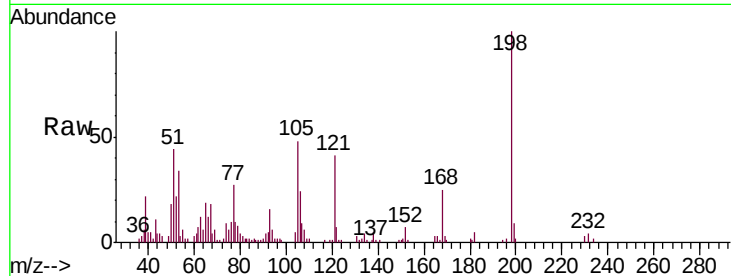




#65
4,6-Dinitro-2-methylphenol
Concen: 8.646 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

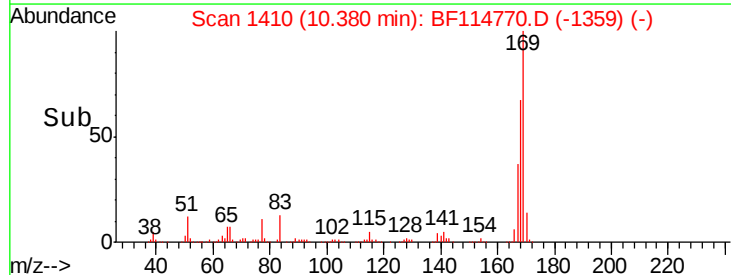
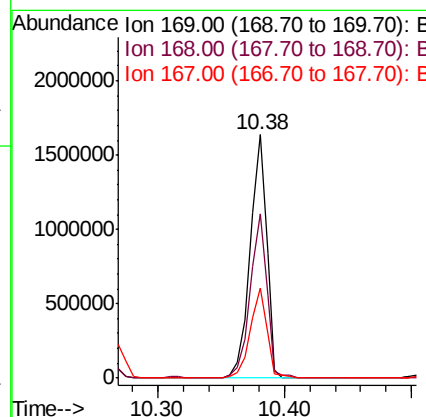
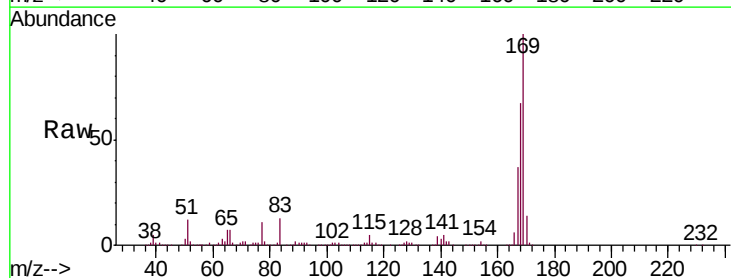
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

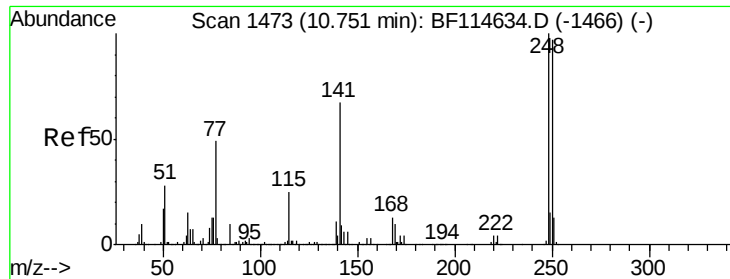
Tgt Ion:198 Resp: 37023
Ion Ratio Lower Upper
198 100
51 44.2 29.0 69.0
105 48.5 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 51.794 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:169 Resp: 1477876
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 36.9 29.8 44.6

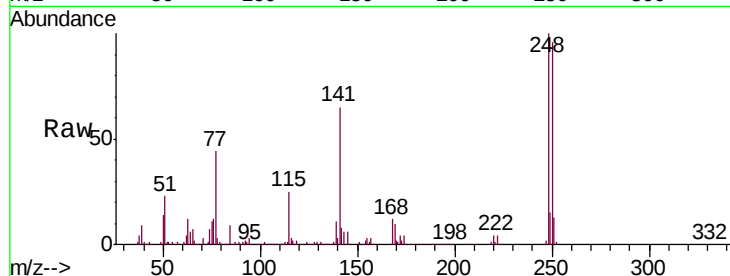




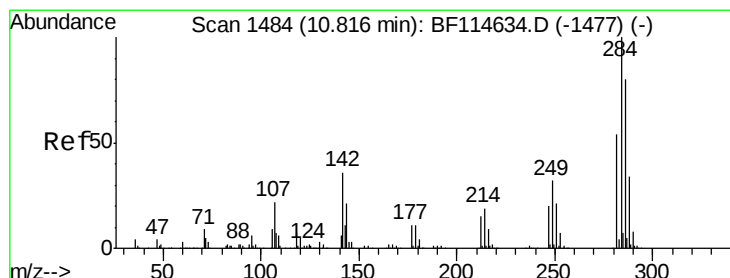
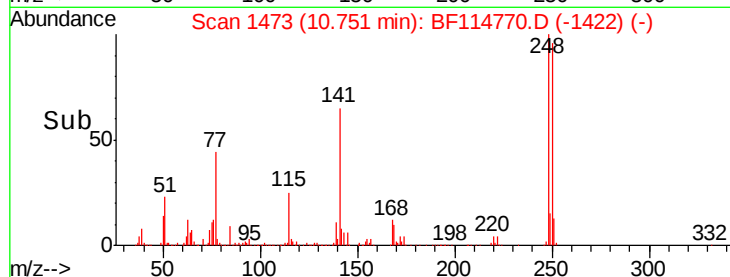
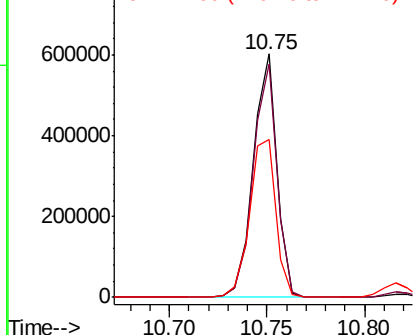
#67
4-Bromophenyl-phenylether
Concen: 48.784 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:248 Resp: 505234
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 65.0 53.8 80.8

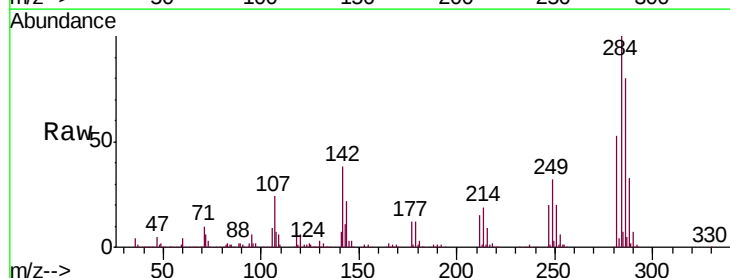


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

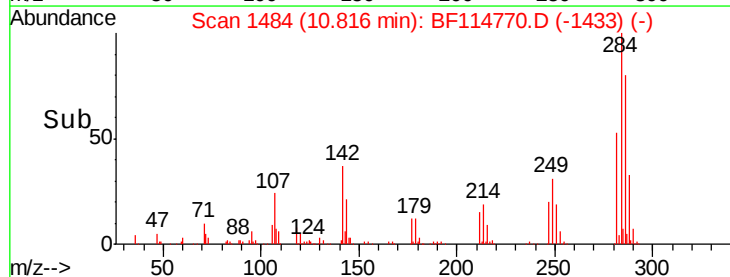
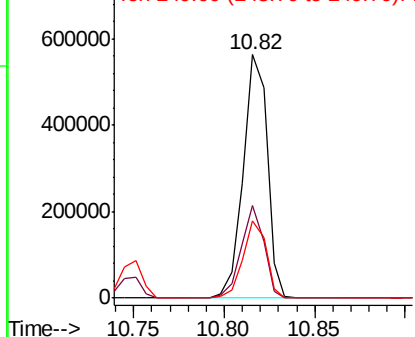


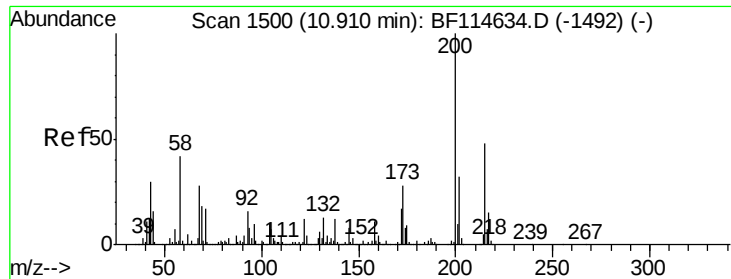
#68
Hexachlorobenzene
Concen: 46.406 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:284 Resp: 520556
Ion Ratio Lower Upper
284 100
142 38.1 28.9 43.3
249 31.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

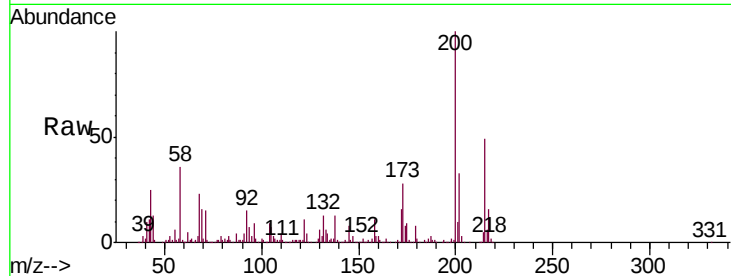




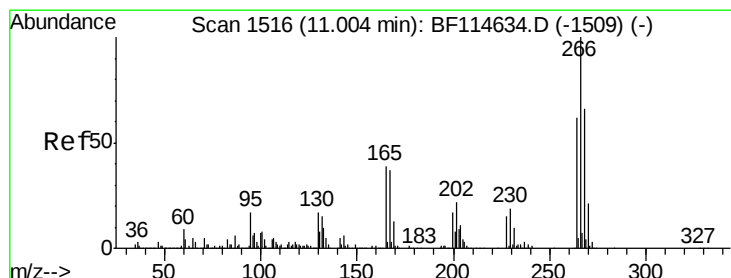
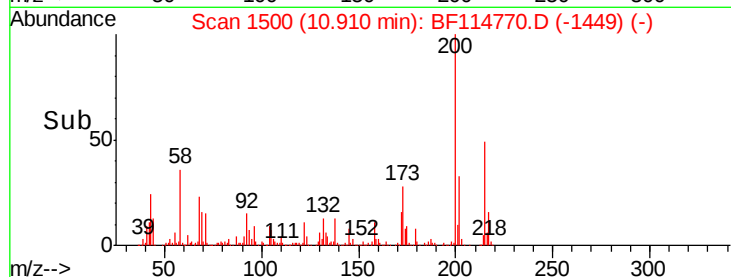
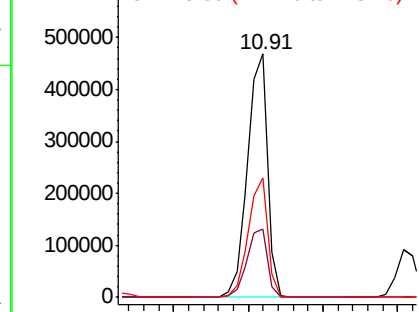
#69
Atrazine
Concen: 51.435 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:200 Resp: 438353
Ion Ratio Lower Upper
200 100
173 27.9 7.9 47.9
215 49.2 27.8 67.8

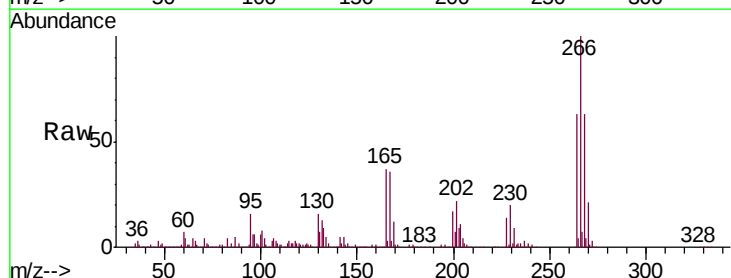


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

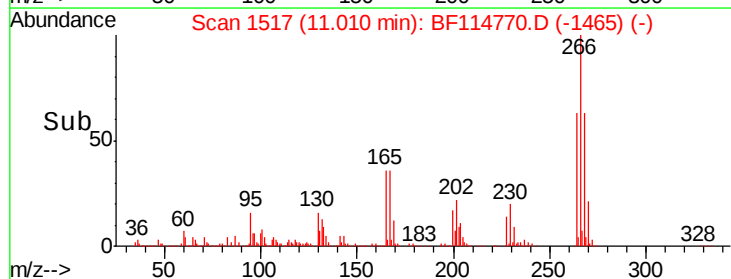
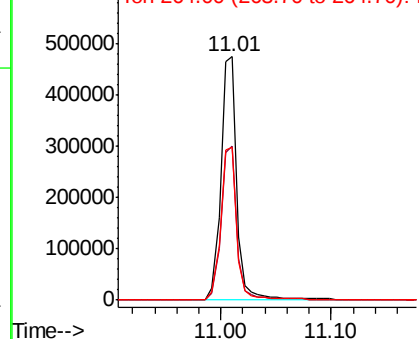


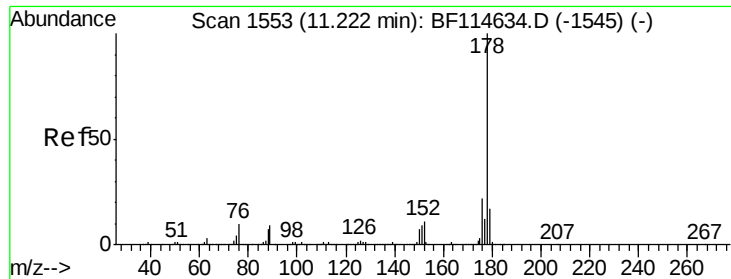
#70
Pentachlorophenol
Concen: 73.721 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:266 Resp: 476699
Ion Ratio Lower Upper
266 100
268 63.4 52.8 79.2
264 62.8 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.955 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

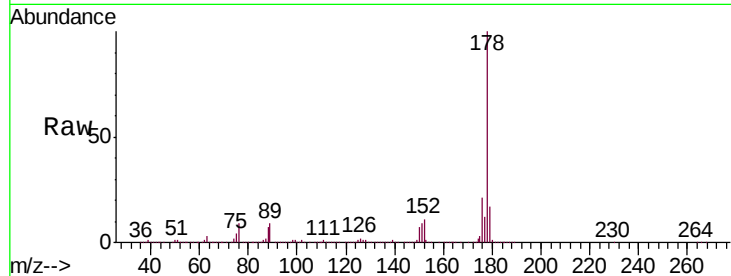
Tgt Ion:178 Resp: 2214694

Ion Ratio Lower Upper

178 100

176 21.2 17.2 25.8

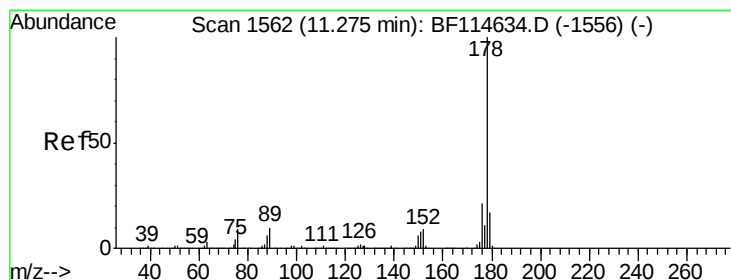
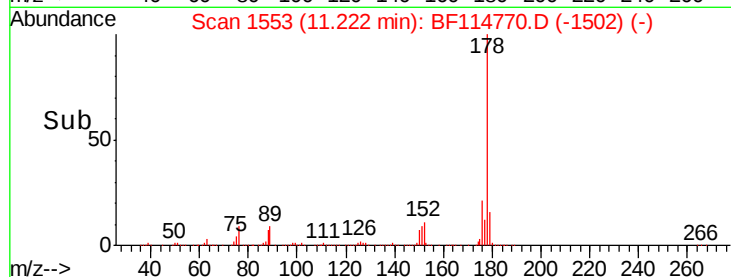
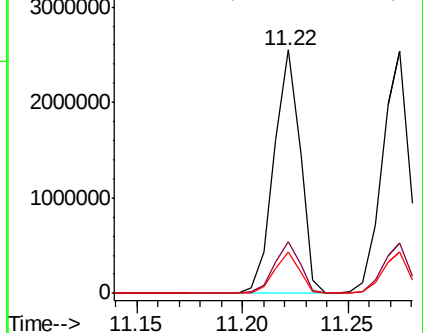
179 16.8 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.104 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

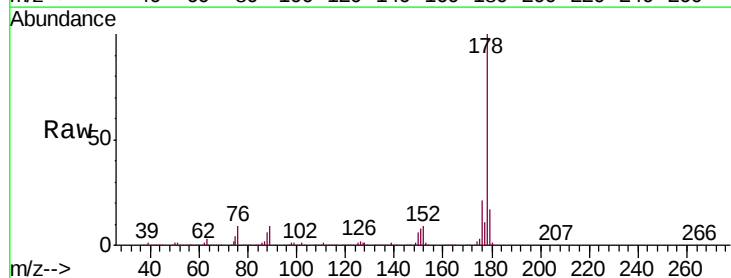
Tgt Ion:178 Resp: 2248912

Ion Ratio Lower Upper

178 100

176 20.6 16.6 24.8

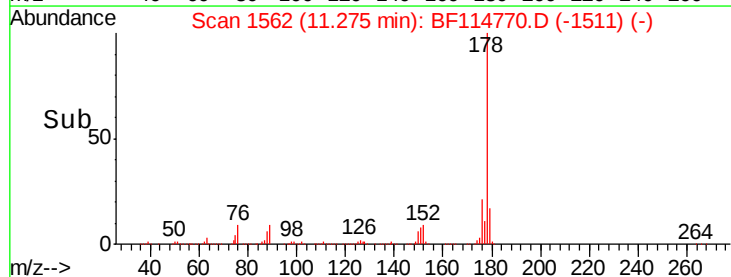
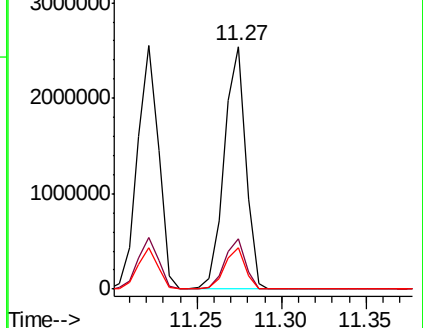
179 16.9 13.4 20.0

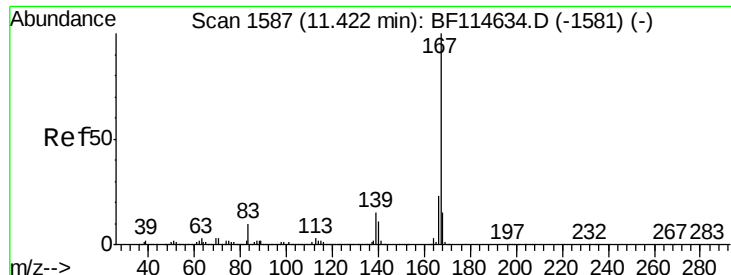


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

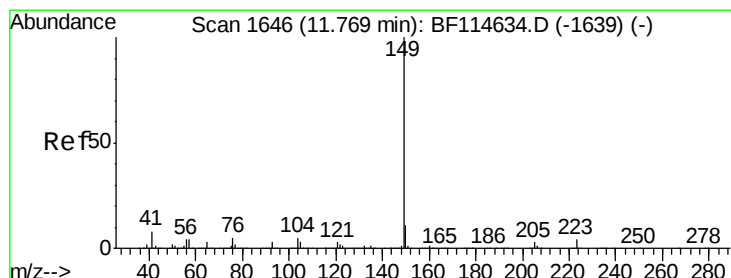
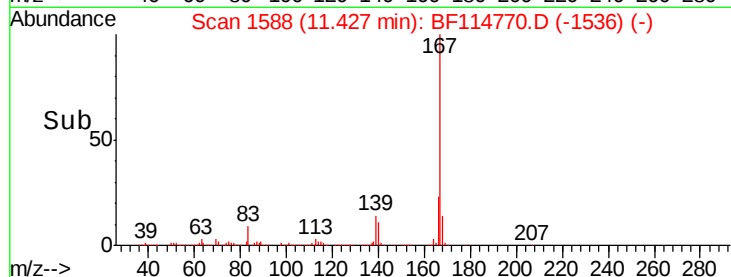
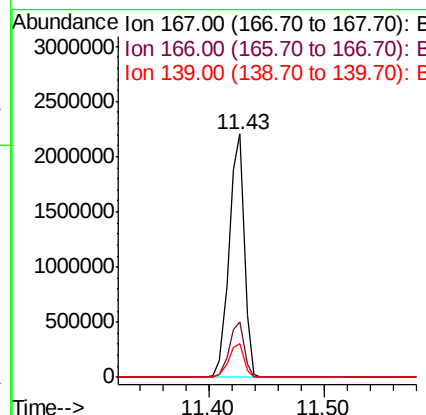
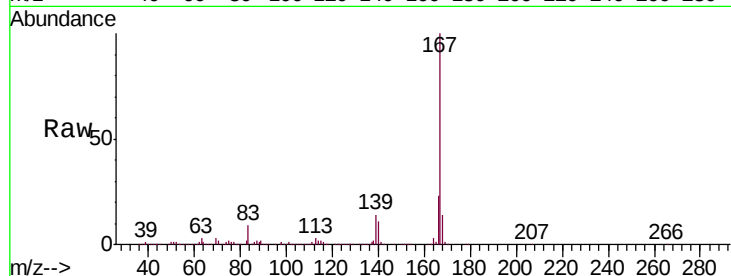




#73
 Carbazole
 Concen: 45.988 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

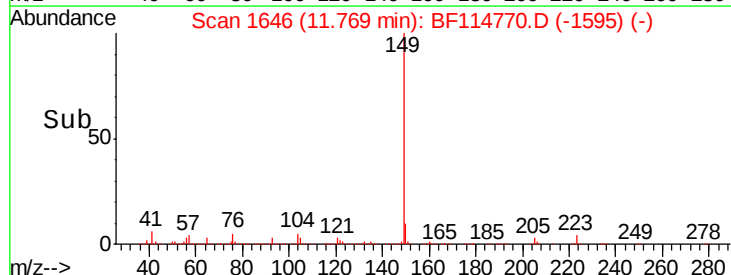
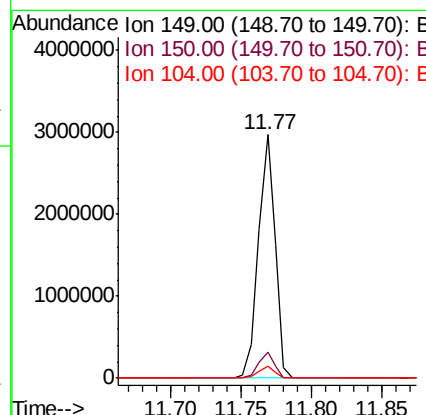
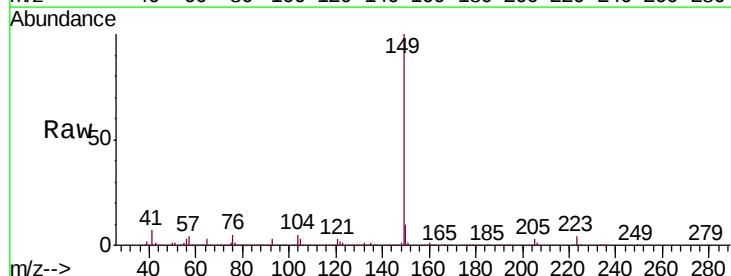
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-053019-AMS

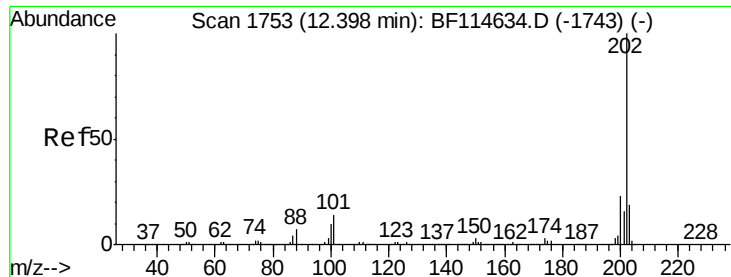
Tgt Ion:167 Resp: 2015234
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.7 28.1
 139 13.9 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 47.495 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114770.D
 Acq: 1 Jun 2019 22:02

Tgt Ion:149 Resp: 2479216
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.6 12.8
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 42.385 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

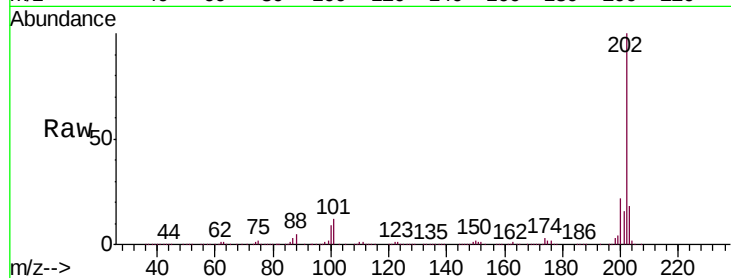
Tgt Ion:202 Resp: 2162159

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.9

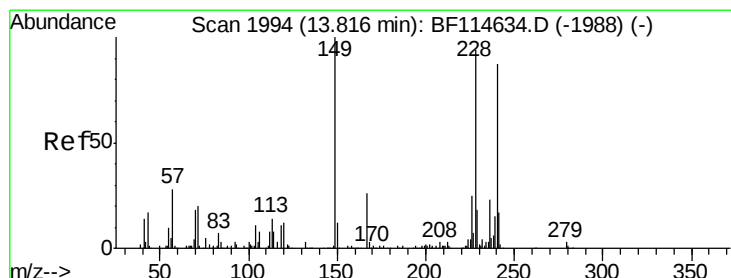
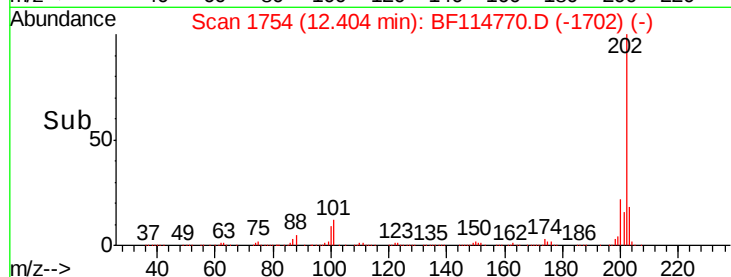
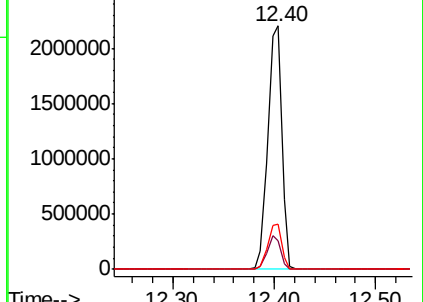
203 18.4 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

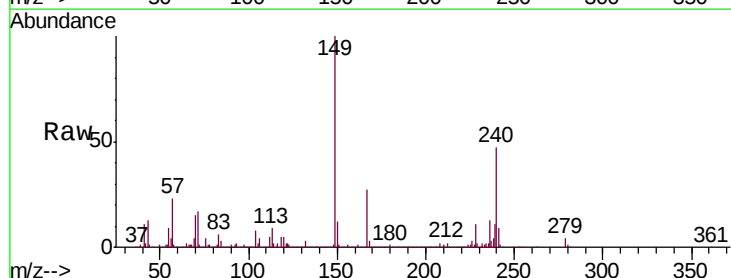
Tgt Ion:240 Resp: 646792

Ion Ratio Lower Upper

240 100

120 10.5 11.2 16.8#

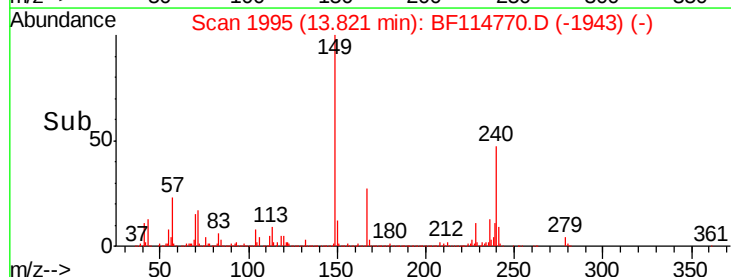
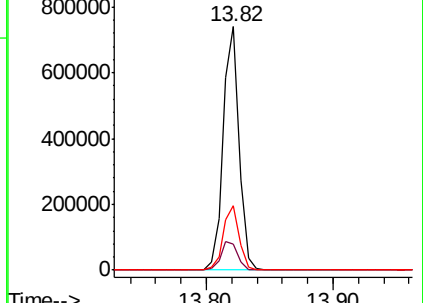
236 26.7 21.2 31.8

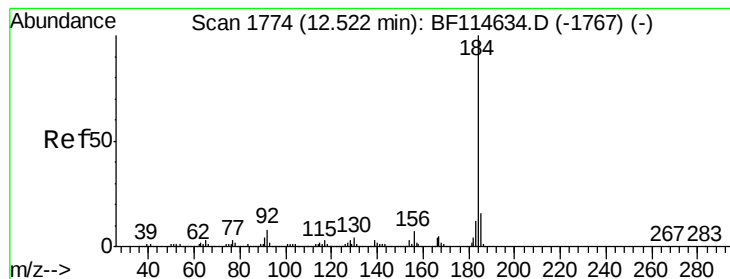


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.868 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

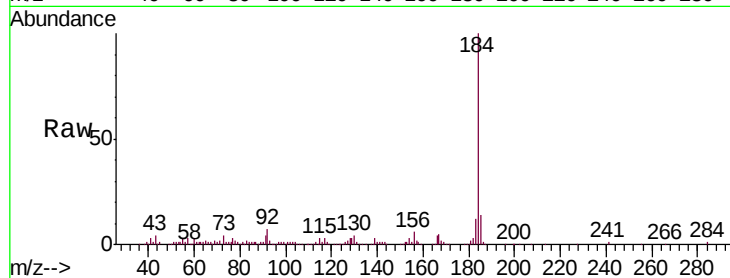
Tgt Ion:184 Resp: 262827

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

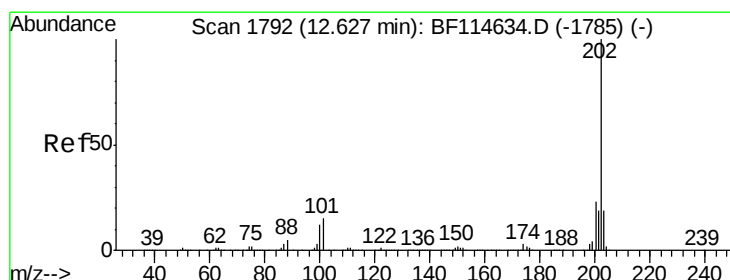
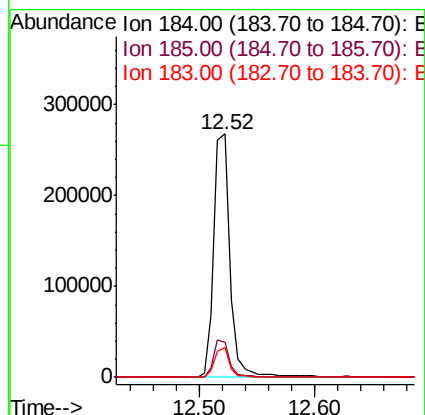
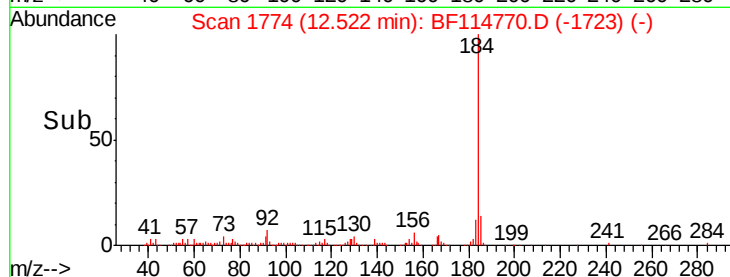
183 12.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.162 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

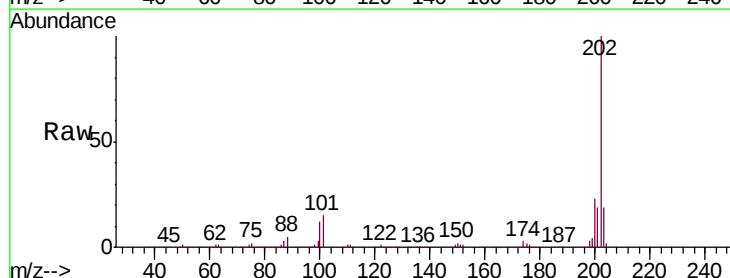
Tgt Ion:202 Resp: 2197418

Ion Ratio Lower Upper

202 100

200 22.9 18.6 28.0

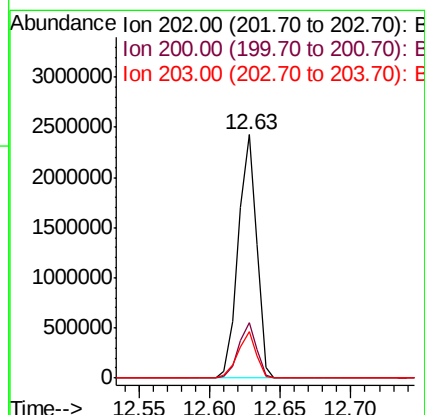
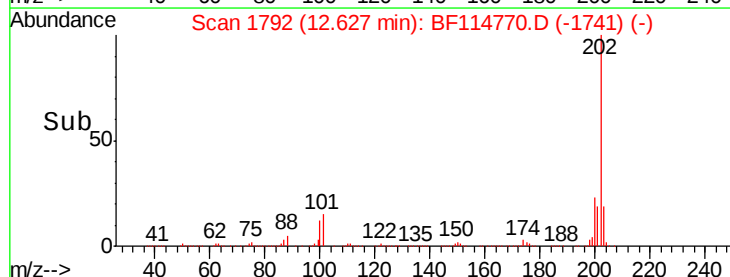
203 18.9 15.4 23.2

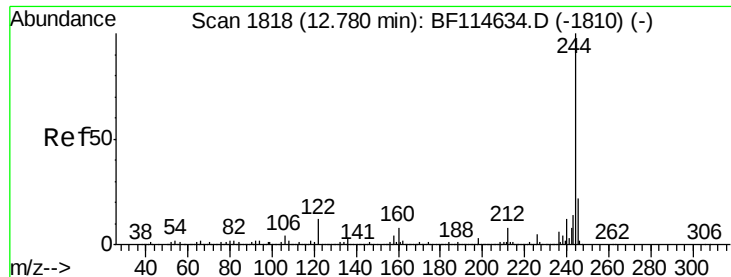


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.213 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

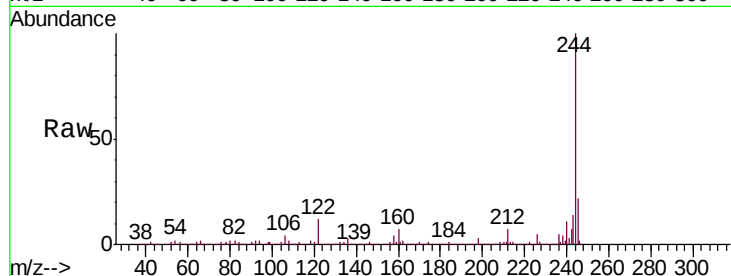
Tgt Ion:244 Resp: 2862627

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

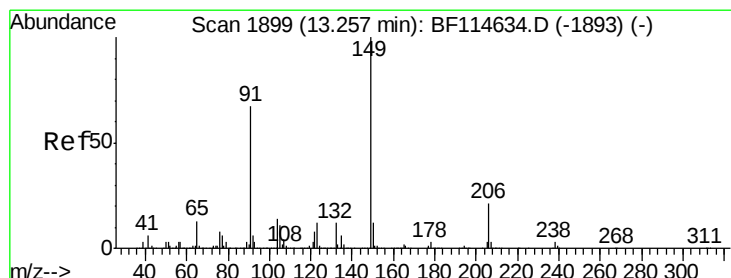
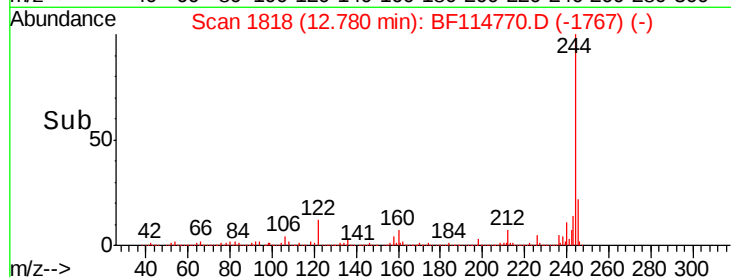
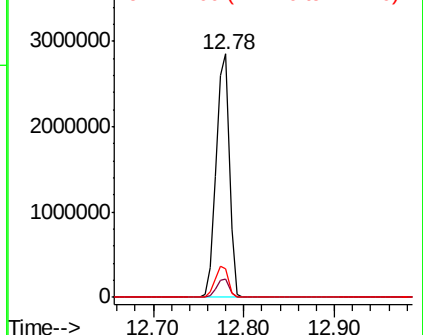
122 11.6 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.184 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

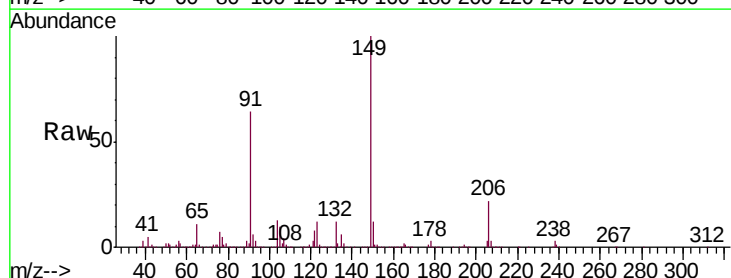
Tgt Ion:149 Resp: 1049938

Ion Ratio Lower Upper

149 100

91 63.7 53.8 80.8

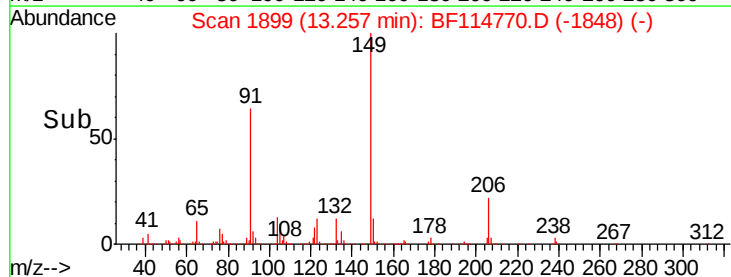
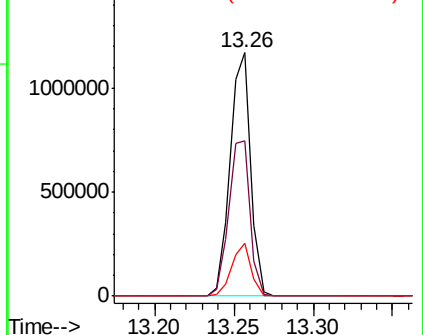
206 21.8 16.9 25.3

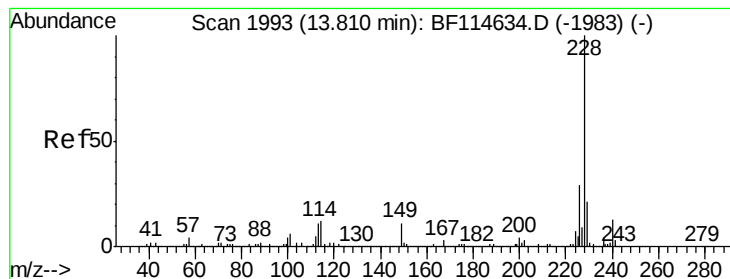


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.009 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

Tgt Ion:228 Resp: 2038310

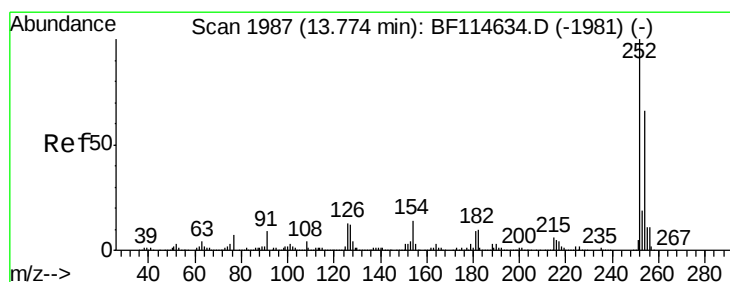
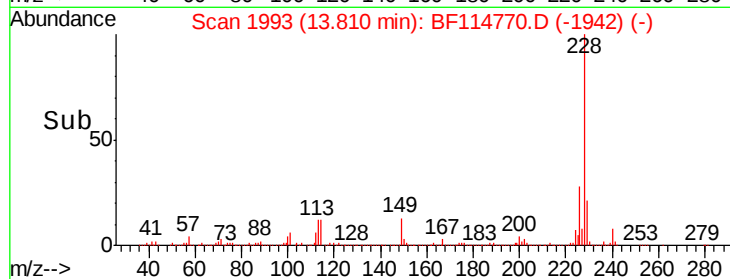
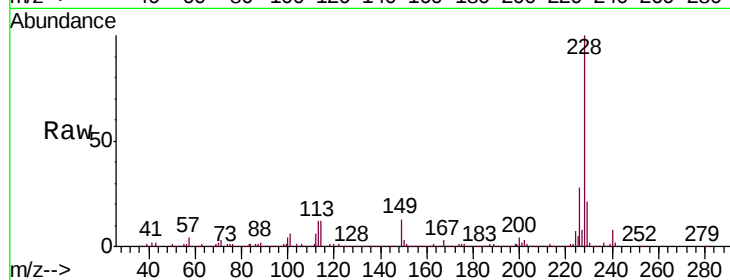
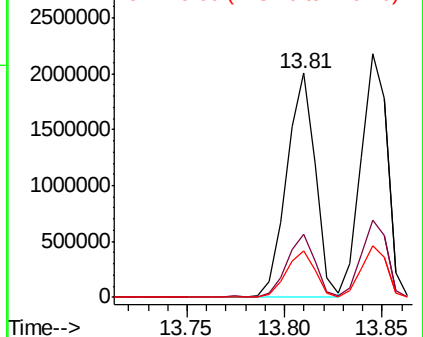
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	21.0	17.0	25.4

Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.788 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Tgt Ion:252 Resp: 667765

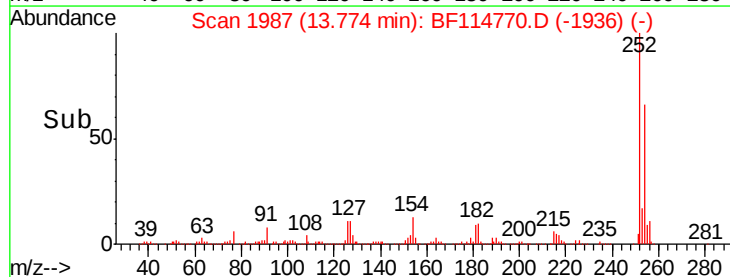
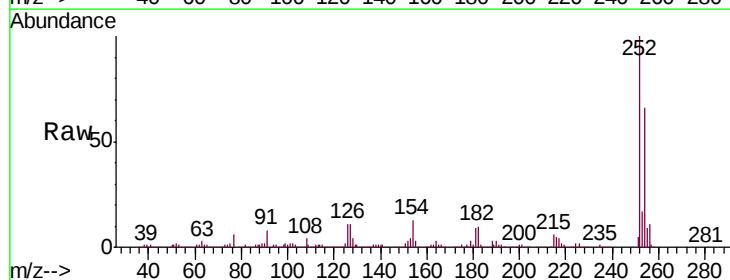
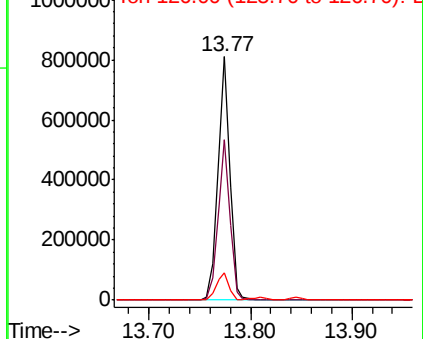
Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	11.5	10.2	15.2

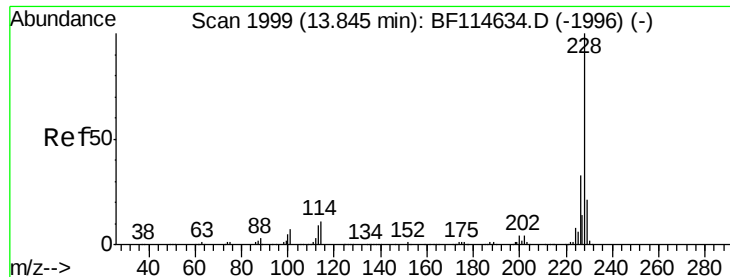
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.799 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

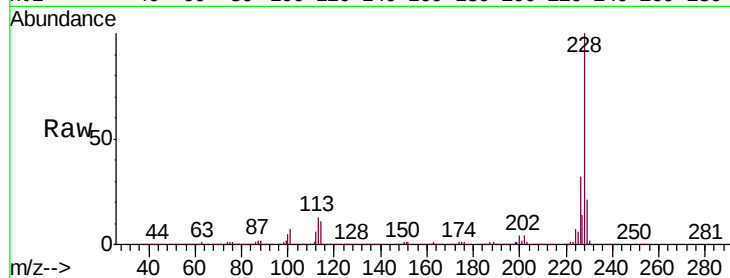
Tgt Ion:228 Resp: 2032410

Ion Ratio Lower Upper

228 100

226 31.8 26.4 39.6

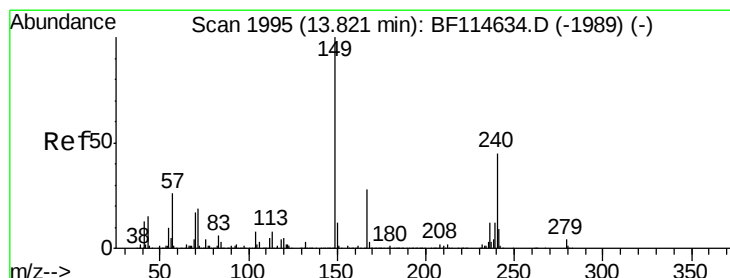
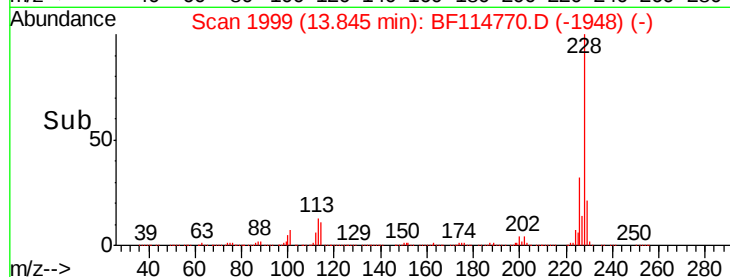
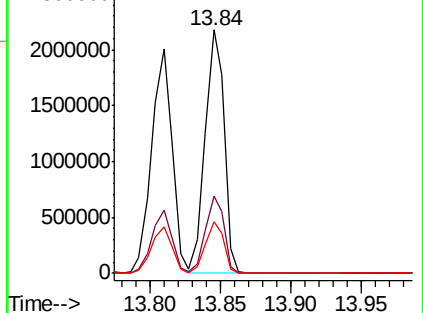
229 21.1 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.359 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

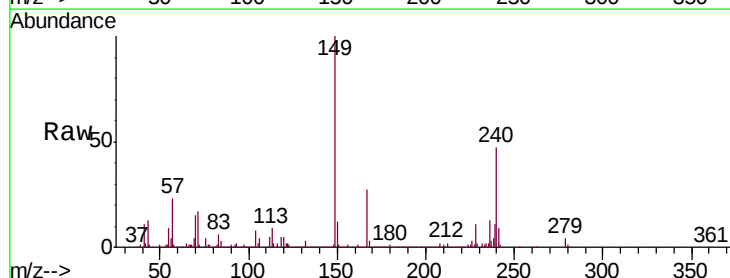
Tgt Ion:149 Resp: 1337994

Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

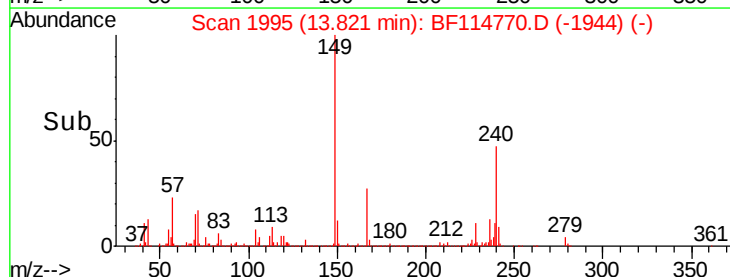
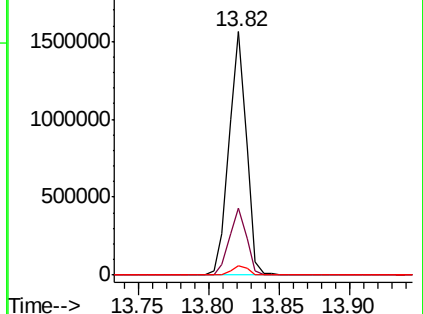
279 3.9 3.0 4.4

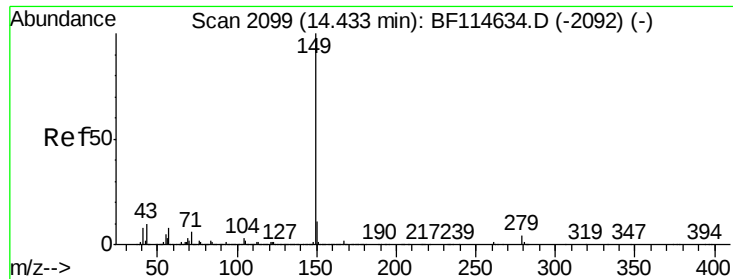


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.919 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

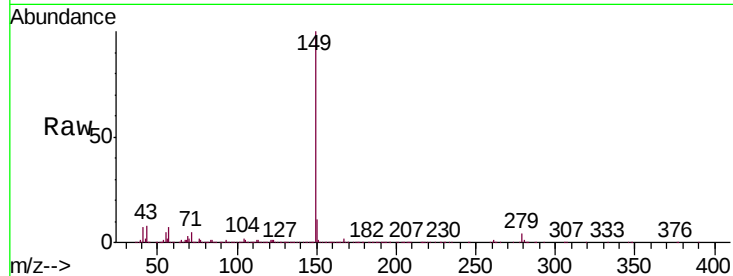
Tgt Ion:149 Resp: 2416820

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

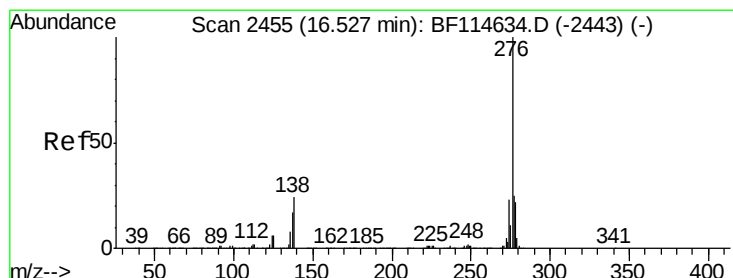
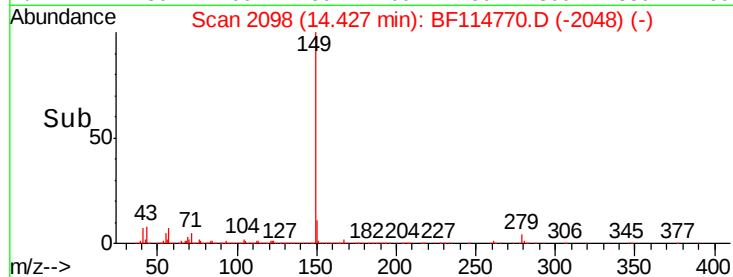
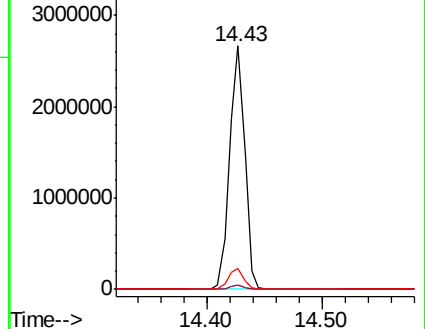
43 8.6 8.0 12.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.445 ng

RT: 16.53 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

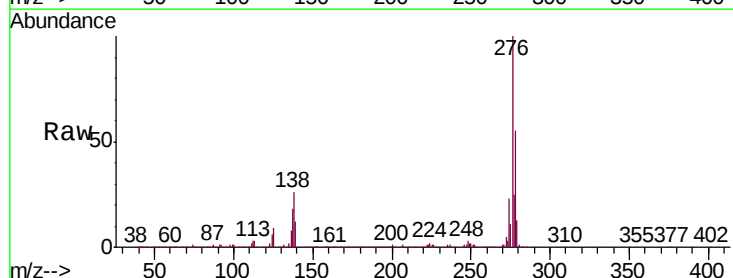
Tgt Ion:276 Resp: 1495568

Ion Ratio Lower Upper

276 100

138 28.1 23.0 34.6

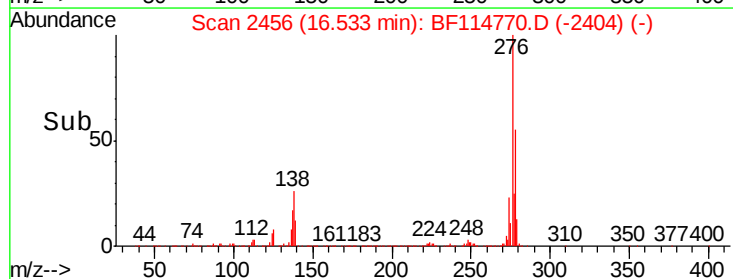
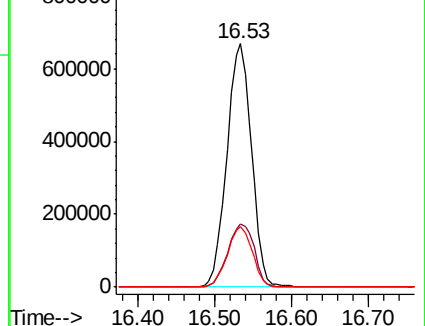
277 25.1 20.5 30.7

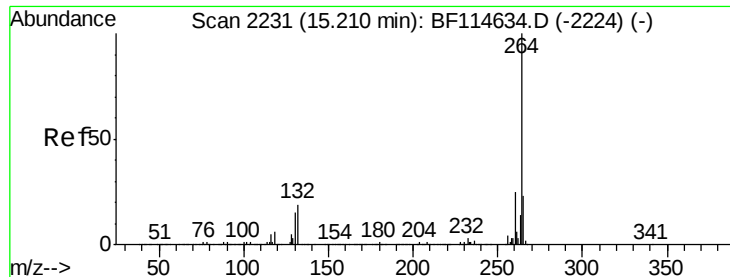


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



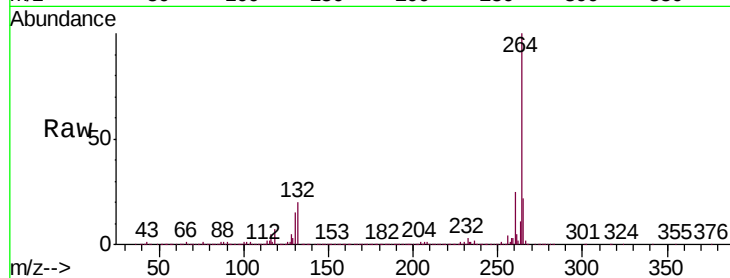


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

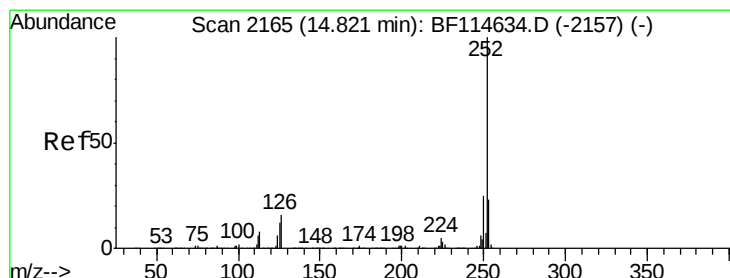
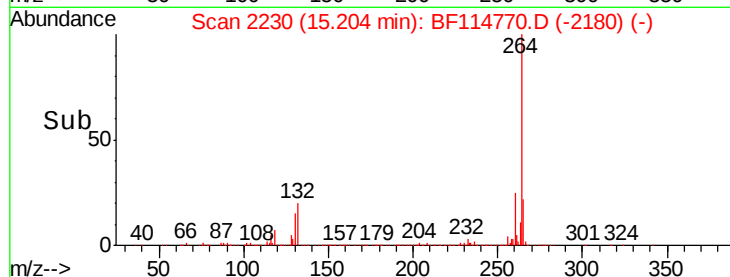
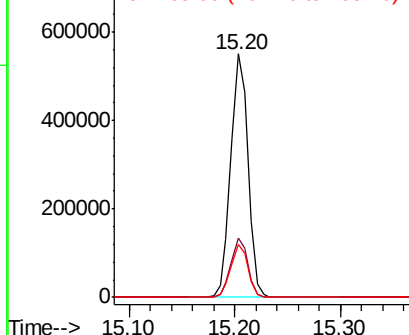
Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion: 264 Resp: 620332

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.7	18.1	27.1



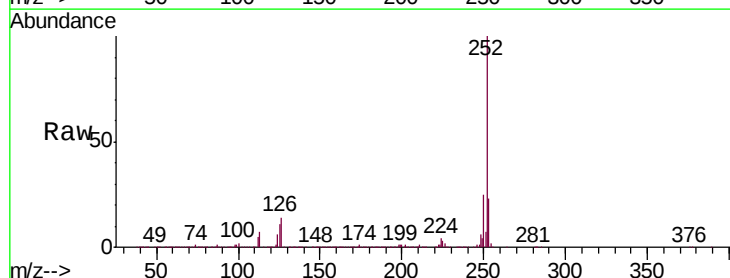
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



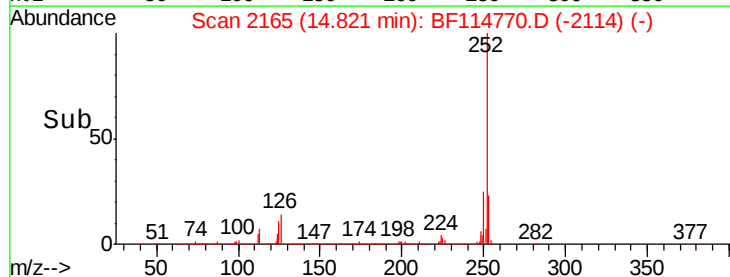
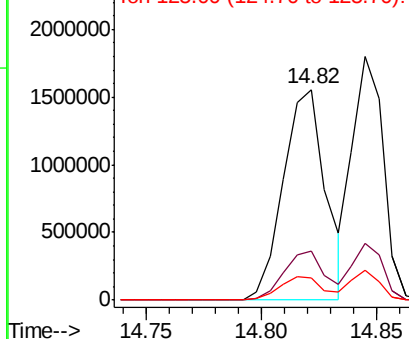
#88
Benzo(b)fluoranthene
Concen: 50.740 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

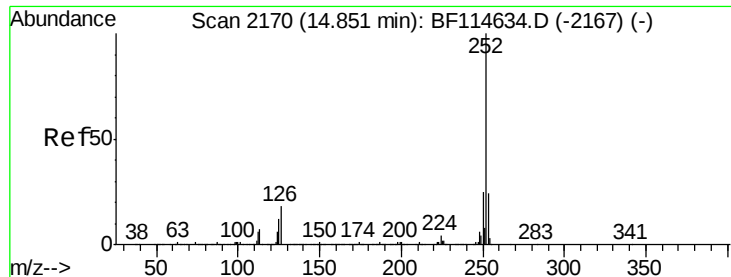
Tgt Ion: 252 Resp: 1982460

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	10.7	9.4	14.2



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

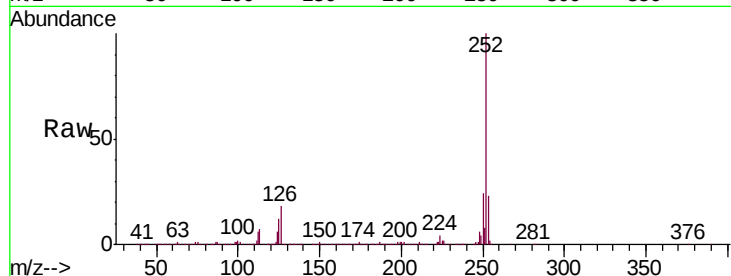




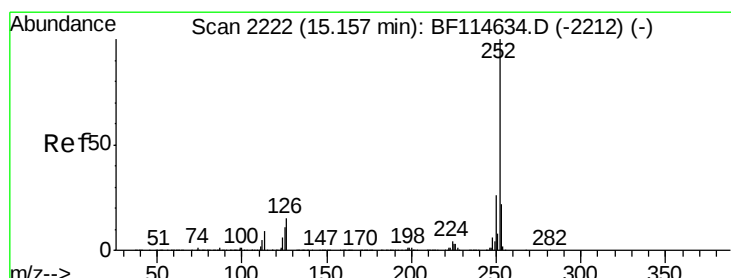
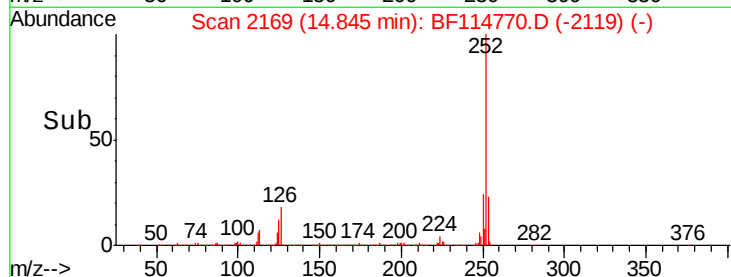
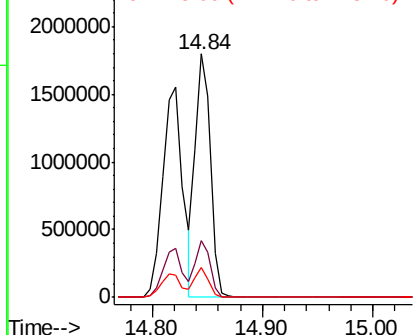
#89
Benzo(k)fluoranthene
Concen: 49.666 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Instrument :
BNA_F
ClientSampleId :
NB-07-053019-AMS

Tgt Ion:252 Resp: 1686632
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 12.1 9.5 14.3

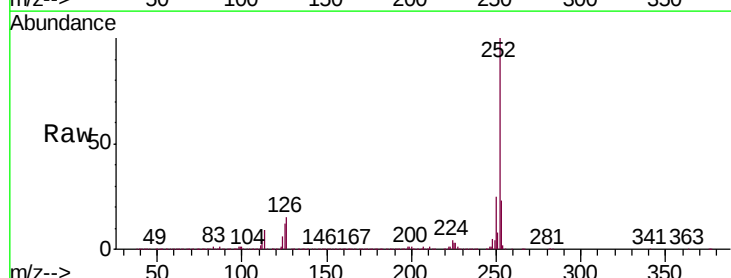


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

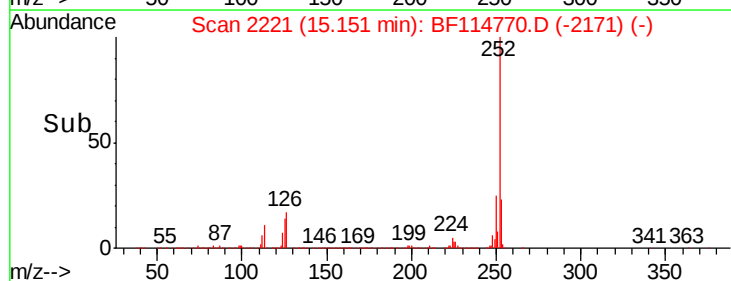
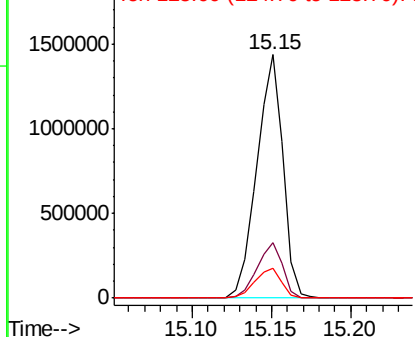


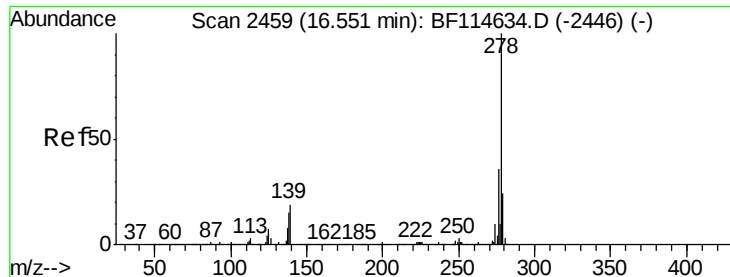
#90
Benzo(a)pyrene
Concen: 48.090 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114770.D
Acq: 1 Jun 2019 22:02

Tgt Ion:252 Resp: 1650597
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 12.0 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 42.215 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

Instrument :

BNA_F

ClientSampleId :

NB-07-053019-AMS

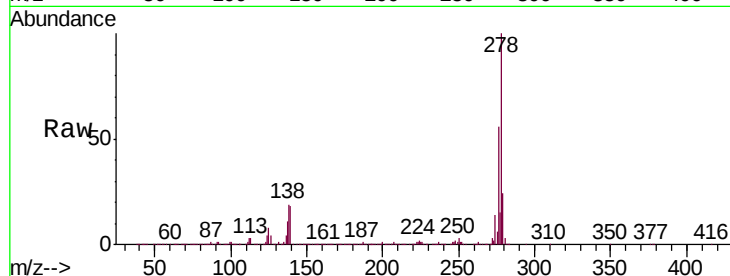
Tgt Ion:278 Resp: 1280389

Ion Ratio Lower Upper

278 100

139 18.5 14.9 22.3

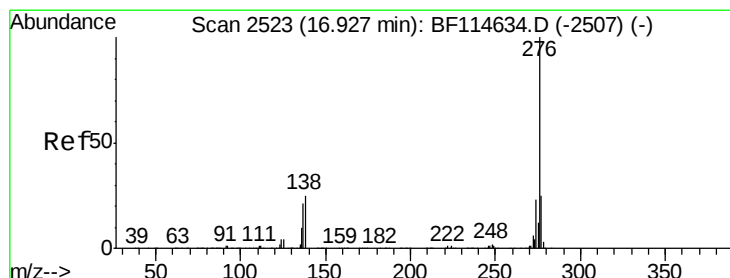
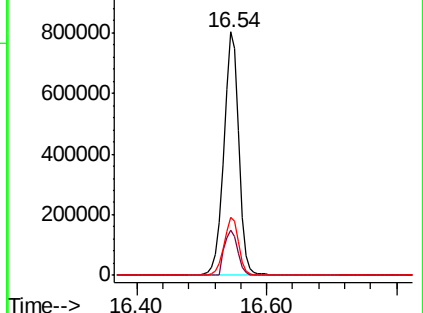
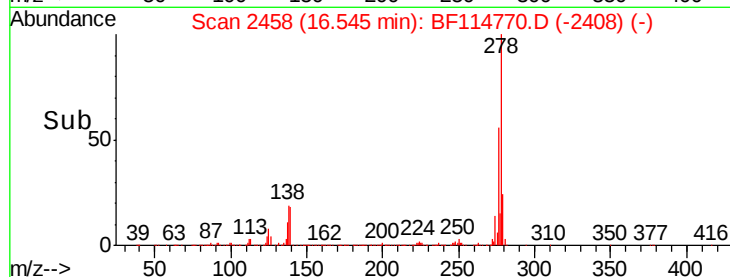
279 23.9 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.426 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BF114770.D

Acq: 1 Jun 2019 22:02

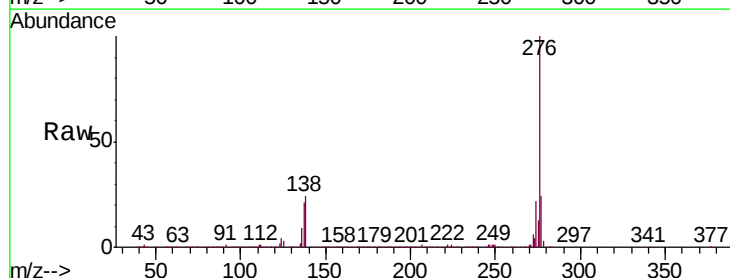
Tgt Ion:276 Resp: 1219460

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 23.9 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

