

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116691.D
 Acq On : 31 Aug 2019 11:35
 Operator : HP/JU
 Sample : K4517-15MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

Quant Time: Aug 31 16:02:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	104176	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	421466	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	222618	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	377815	20.00	ng	0.00
76) Chrysene-d12	14.00	240	284885	20.00	ng	0.00
87) Perylene-d12	15.45	264	287671	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	796003	123.79	ng	0.00
7) Phenol-d6	6.48	99	1116439	132.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	716434	97.04	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	220554	148.20	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	887700	67.27	ng	0.00
79) Terphenyl-d14	12.94	244	936595	60.82	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.61	88	138038	46.502	ng	99
3) Pyridine	3.36	79	353715	41.155	ng	95
4) n-Nitrosodimethylamine	3.30	42	148630	50.360	ng	84
6) Aniline	6.51	93	423998	36.255	ng	96
8) 2-Chlorophenol	6.63	128	385824	54.963	ng	96
9) Benzaldehyde	6.39	77	248883	44.740	ng	98
10) Phenol	6.49	94	529135	56.592	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	374567	51.449	ng	98
12) 1,3-Dichlorobenzene	6.79	146	390714	49.247	ng	97
13) 1,4-Dichlorobenzene	6.86	146	398297	50.426	ng	99
14) 1,2-Dichlorobenzene	7.02	146	369879	50.531	ng	97
15) Benzyl Alcohol	6.99	79	367316	53.591	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	413057	48.358	ng	100
17) 2-Methylphenol	7.10	107	327816	53.347	ng	98
18) Hexachloroethane	7.36	117	152110	49.567	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	280900	50.524	ng	93
20) 3+4-Methylphenols	7.25	107	395196	55.312	ng	# 87
22) Acetophenone	7.26	105	533592	52.587	ng	# 95
24) Nitrobenzene	7.43	77	429706	57.228	ng	97
25) Isophorone	7.67	82	798328	53.364	ng	100
26) 2-Nitrophenol	7.75	139	191236	68.504	ng	93
27) 2,4-Dimethylphenol	7.78	122	348091	61.742	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	472258	51.658	ng	99
29) 2,4-Dichlorophenol	7.99	162	312564	57.689	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	304542	51.822	ng	96
31) Naphthalene	8.15	128	1092784	54.527	ng	99
32) Benzoic acid	7.87	122	94462	29.674	ng	98
33) 4-Chloroaniline	8.19	127	171755	18.827	ng	98
34) Hexachlorobutadiene	8.27	225	164801	51.432	ng	98
35) Caprolactam	8.56	113	65196	32.153	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	372538	59.824	ng	97
37) 2-Methylnaphthalene	8.85	142	738490	55.382	ng	98
38) 1-Methylnaphthalene	8.95	142	692178	54.989	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	268090	50.236	ng	# 97

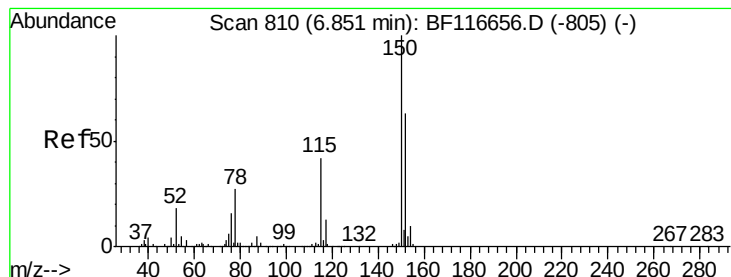
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116691.D
 Acq On : 31 Aug 2019 11:35
 Operator : HP/JU
 Sample : K4517-15MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

Quant Time: Aug 31 16:02:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	314579	102.080	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	208077	56.880	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	227787	59.978	ng	# 91
46) 1,1'-Biphenyl	9.30	154	875393	51.821	ng	97
47) 2-Chloronaphthalene	9.33	162	688730	51.476	ng	99
48) 2-Nitroaniline	9.42	65	232635	60.143	ng	97
49) Acenaphthylene	9.75	152	1108103	54.789	ng	99
50) Dimethylphthalate	9.61	163	920282	59.877	ng	98
51) 2,6-Dinitrotoluene	9.66	165	186340	63.546	ng	99
52) Acenaphthene	9.92	154	708232	56.992	ng	99
53) 3-Nitroaniline	9.83	138	150010	40.820	ng	85
54) 2,4-Dinitrophenol	9.94	184	104652	98.254	ng	94
55) Dibenzofuran	10.09	168	964663	55.066	ng	97
56) 4-Nitrophenol	10.00	139	342458	135.908	ng	89
57) 2,4-Dinitrotoluene	10.07	165	249353	69.543	ng	98
58) Fluorene	10.43	166	759186	56.875	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	170867	62.338	ng	# 96
60) Diethylphthalate	10.30	149	828879	53.839	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	316321	54.117	ng	91
62) 4-Nitroaniline	10.45	138	228819	64.161	ng	95
63) Azobenzene	10.59	77	897797	55.926	ng	92
65) 4,6-Dinitro-2-methylphenol	10.47	198	91863	63.222	ng	76
66) n-Nitrosodiphenylamine	10.54	169	693885	53.090	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	197836	51.545	ng	94
68) Hexachlorobenzene	10.99	284	205702	51.225	ng	92
69) Atrazine	11.07	200	202189	55.235	ng	98
70) Pentachlorophenol	11.17	266	215008	110.683	ng	99
71) Phenanthrene	11.39	178	1320692	62.796	ng	98
72) Anthracene	11.45	178	1186687	56.052	ng	100
73) Carbazole	11.60	167	1155487	57.296	ng	99
74) Di-n-butylphthalate	11.93	149	1351574	52.278	ng	99
75) Fluoranthene	12.58	202	1471892	71.213	ng	98
77) Benzidine	12.69	184	489840	43.838	ng	100
78) Pyrene	12.81	202	1454882	57.450	ng	98
80) Butylbenzylphthalate	13.42	149	632617	51.369	ng	98
81) Benzo(a)anthracene	13.99	228	1089268	60.413	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	215838	35.423	ng	98
83) Chrysene	14.03	228	1095754	58.989	ng	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	836147	55.002	ng	99
85) Di-n-octyl phthalate	14.59	149	1528827	61.453	ng	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	951438	63.768	ng	# 94
88) Benzo(b)fluoranthene	15.03	252	1106446	63.618	ng	# 96
89) Benzo(k)fluoranthene	15.06	252	810375	51.103	ng	# 98
90) Benzo(a)pyrene	15.40	252	911231	60.221	ng	98
91) Dibenzo(a,h)anthracene	16.93	278	760952	57.454	ng	# 96
92) Benzo(g,h,i)perylene	17.35	276	823629	60.974	ng	# 93

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

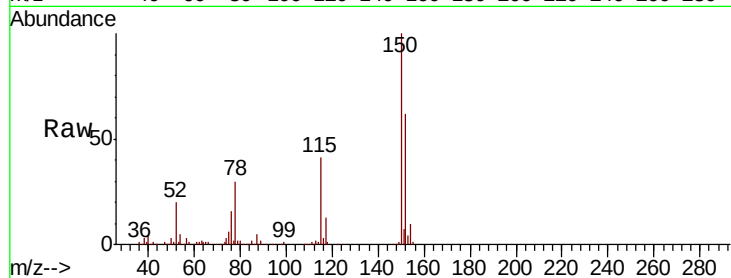


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.4	186.6
115	67.1	49.9	74.9

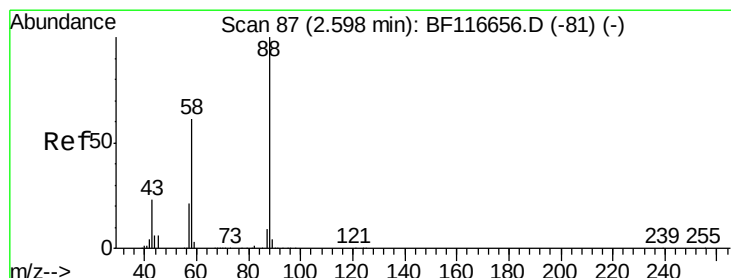
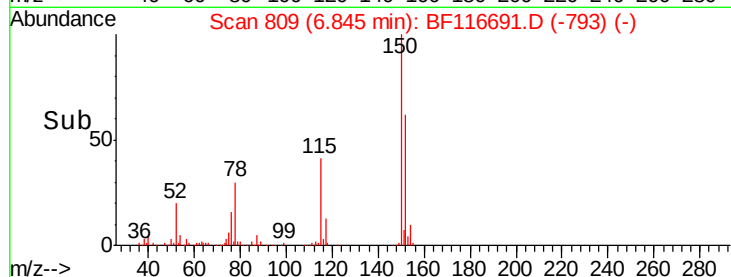
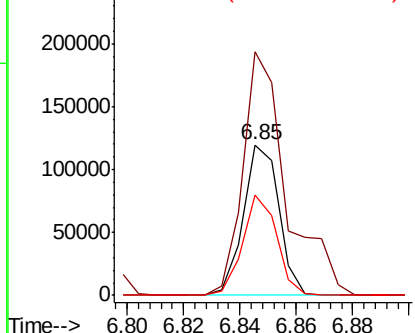


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

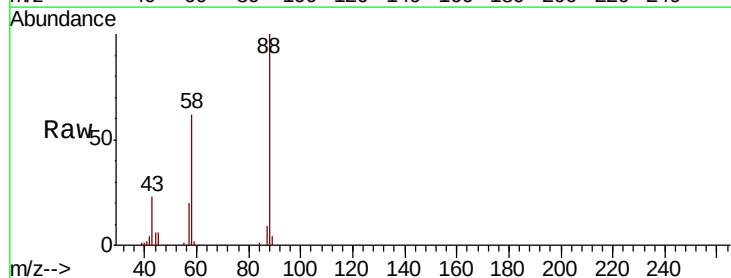
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.502 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.7	77.5
43	24.1	19.8	29.8

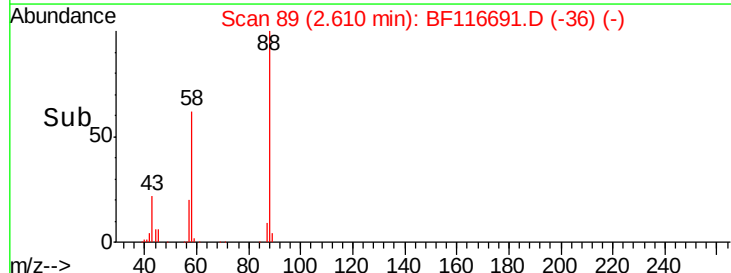
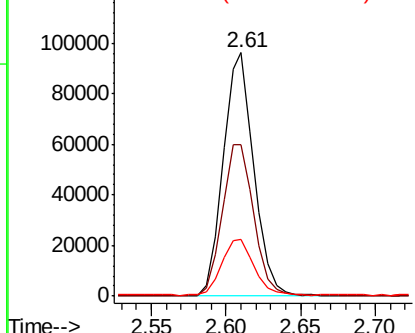


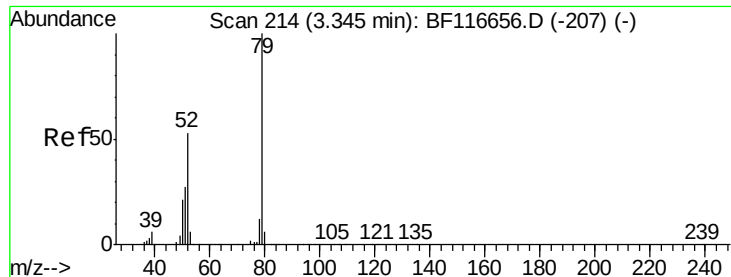
Abundance

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

Pvridine

Concen: 41.155 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

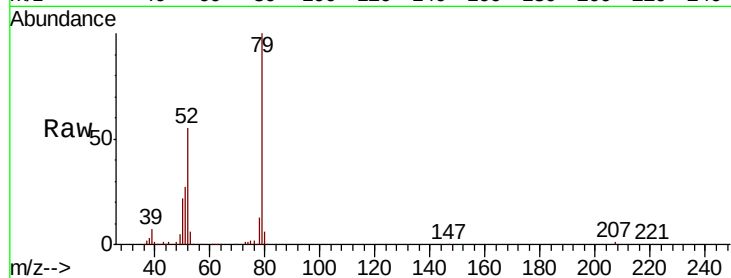
Tot Ion: 79 Resp: 353715

Ion Ratio Lower Upper

79 100

52 55.2 47.4 71.0

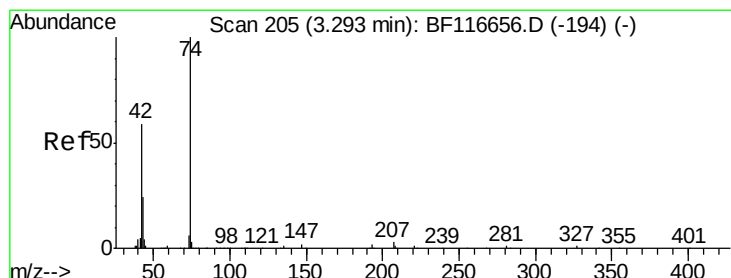
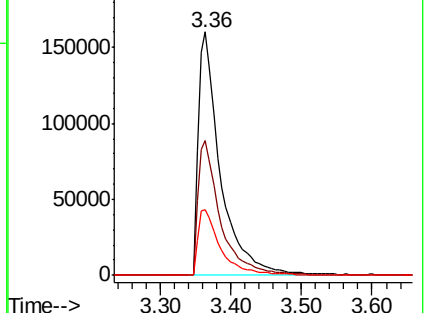
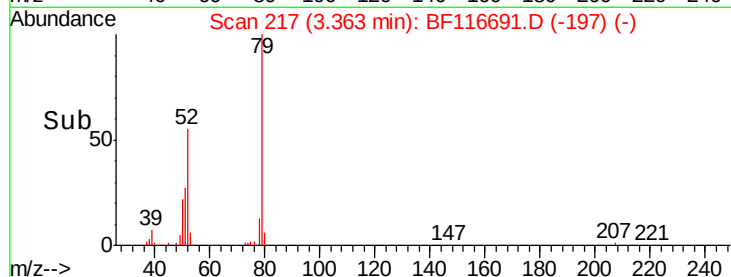
51 26.9 24.1 36.1



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: 50.360 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

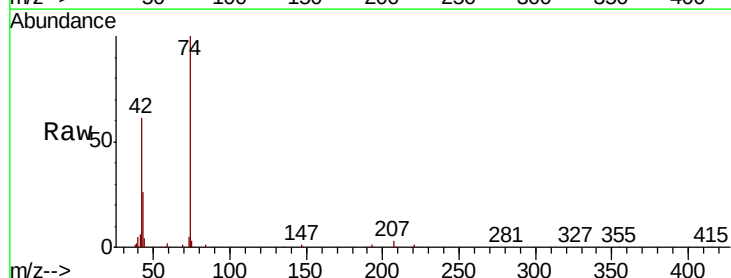
Tgt Ion: 42 Resp: 148630

Ion Ratio Lower Upper

42 100

74 164.6 115.6 173.4

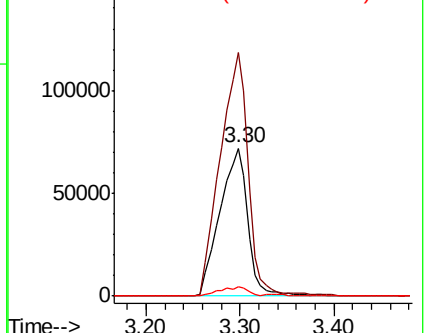
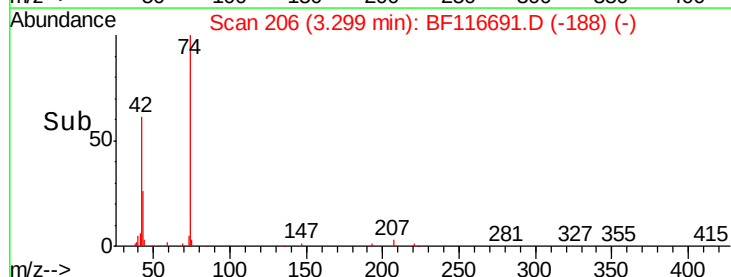
44 6.1 4.6 7.0

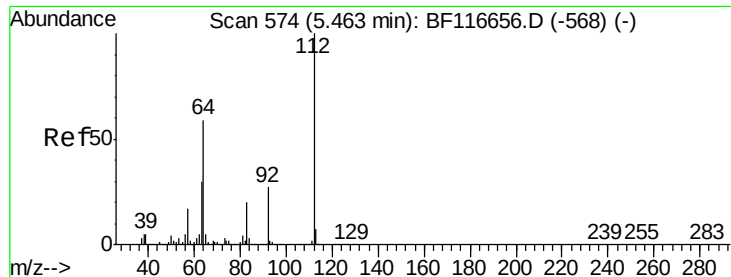


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.788 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

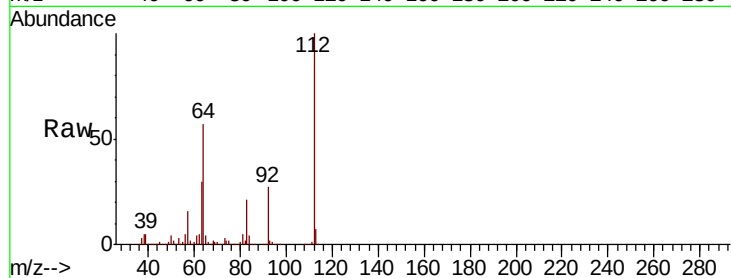
Tot Ion:112 Resp: 796003

Ion Ratio Lower Upper

112 100

64 56.7 47.1 70.7

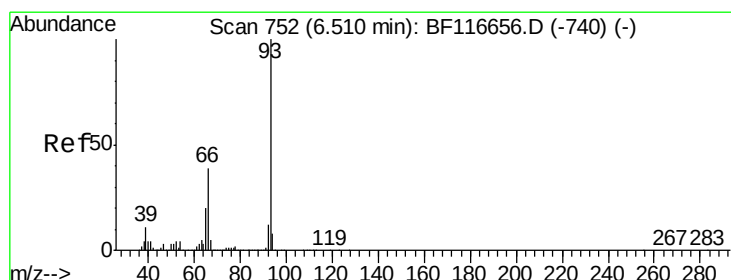
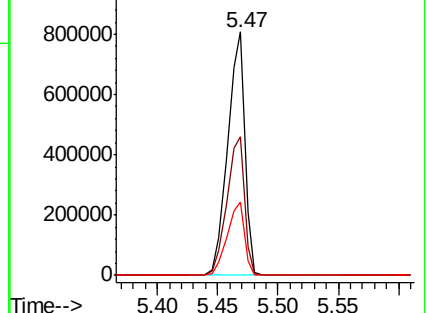
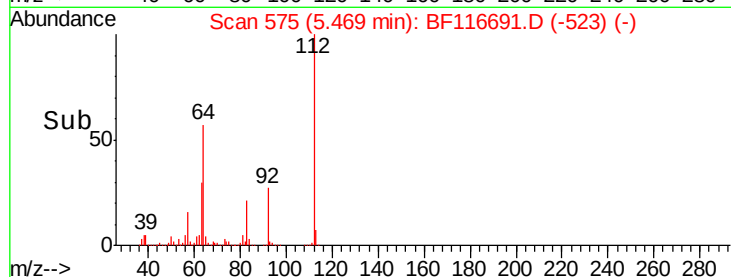
63 30.0 24.9 37.3



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: 36.255 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

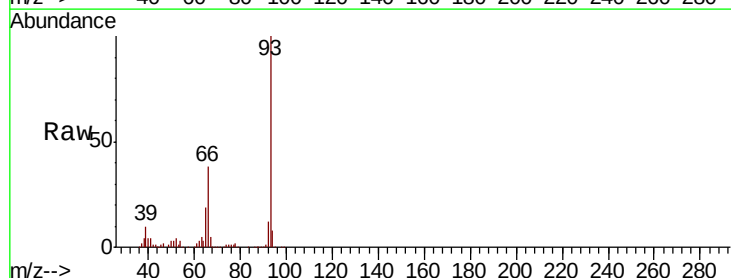
Tgt Ion: 93 Resp: 423998

Ion Ratio Lower Upper

93 100

66 38.2 32.7 49.1

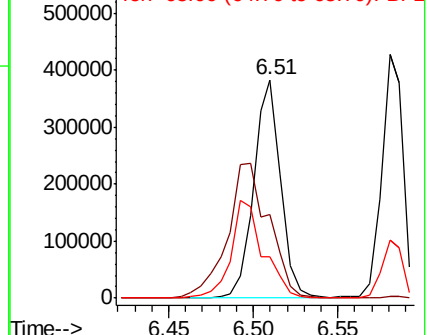
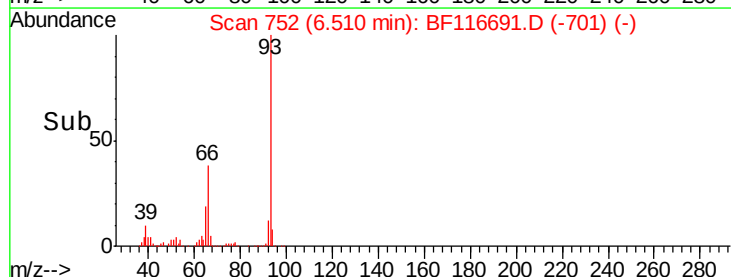
65 19.2 16.3 24.5

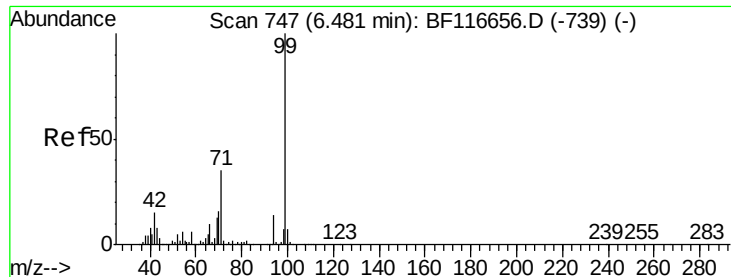


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.220 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

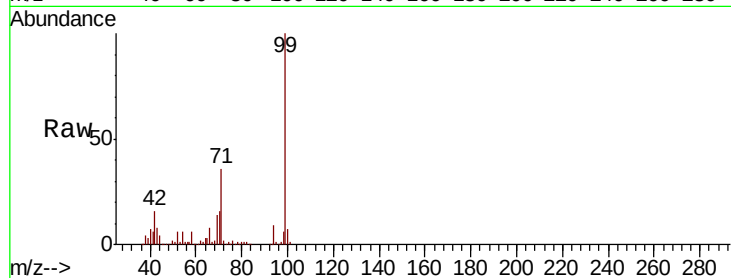
BNA_F

ClientSampleId :

T4-S-CMS

Tot Ion: 99 Resp: 1116439

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	36.1	30.8	46.2

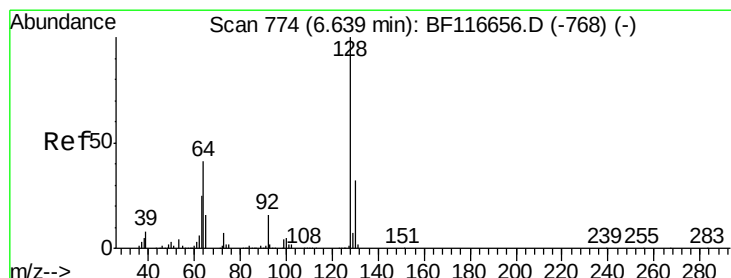
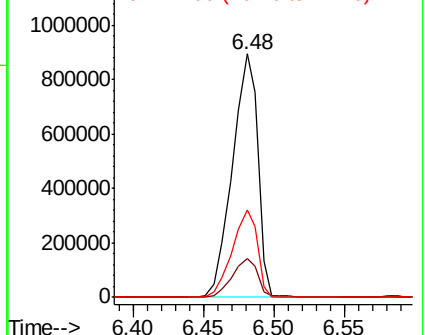
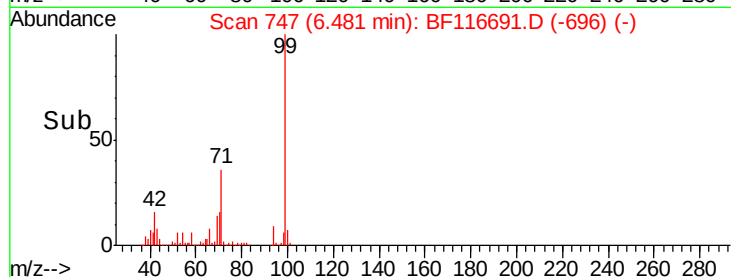


Abundance

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: 54.963 ng

RT: 6.63 min Scan# 773

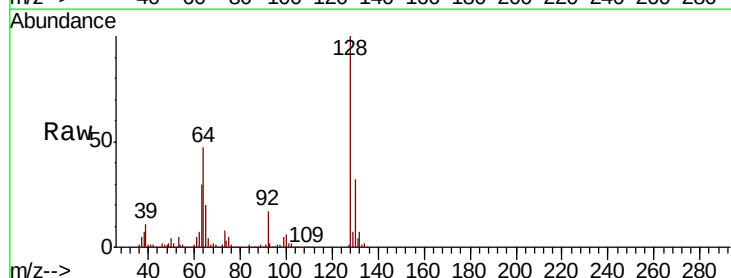
Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Tgt Ion: 128 Resp: 385824

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	47.1	22.5	62.5

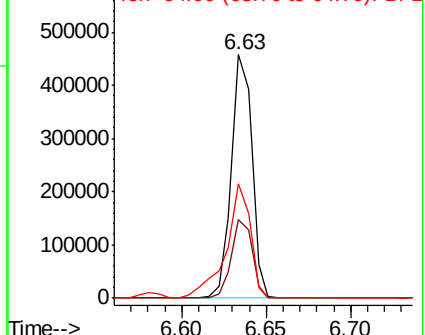
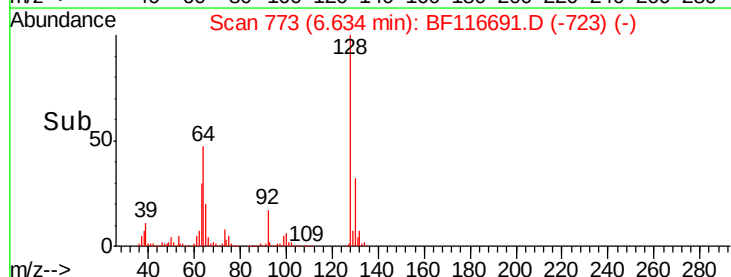


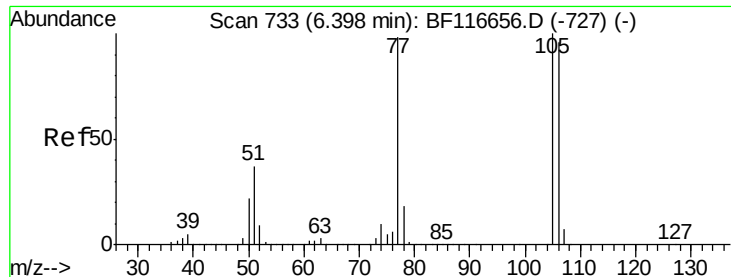
Abundance

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: 44.740 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

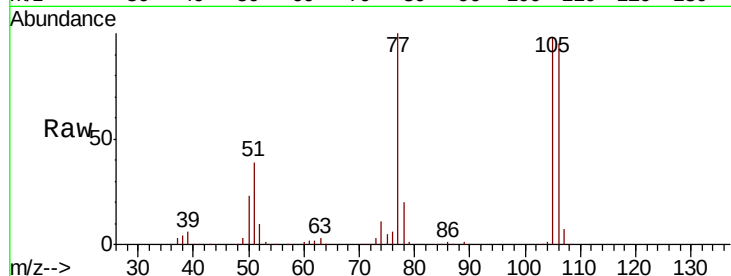
Tot Ion: 77 Resp: 248883

Ion Ratio Lower Upper

77 100

105 98.0 76.7 116.7

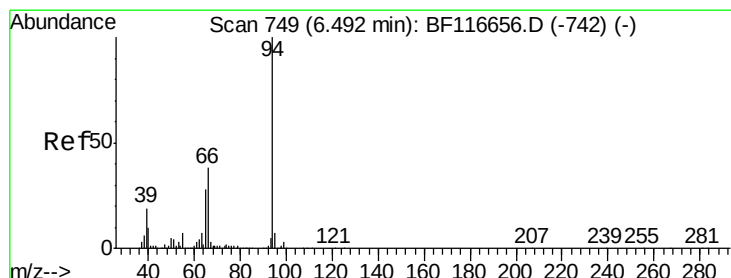
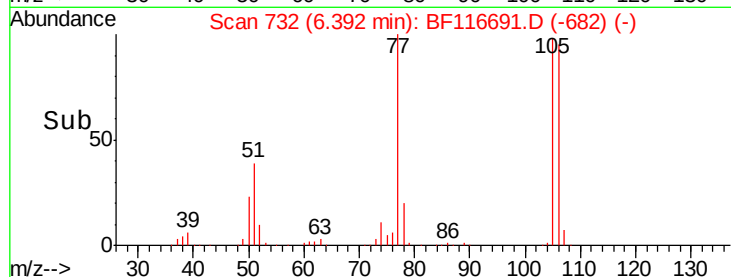
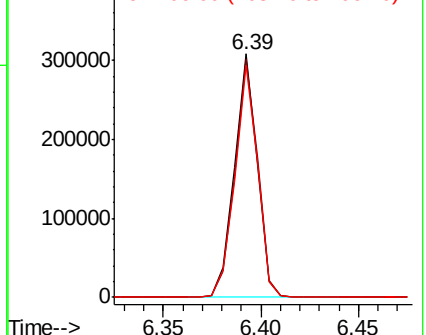
106 95.4 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.592 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

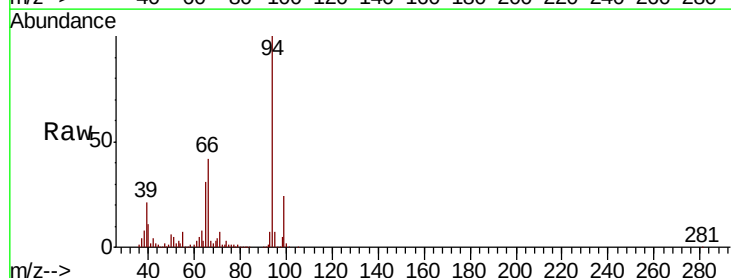
Tgt Ion: 94 Resp: 529135

Ion Ratio Lower Upper

94 100

65 30.8 10.8 50.8

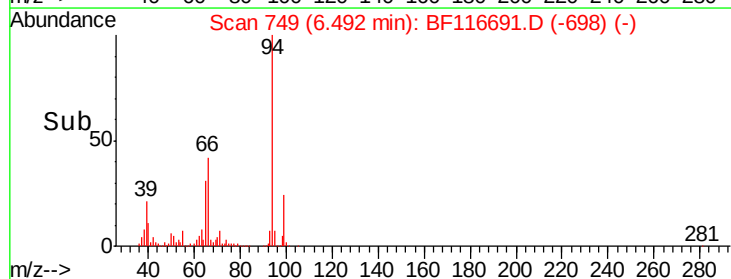
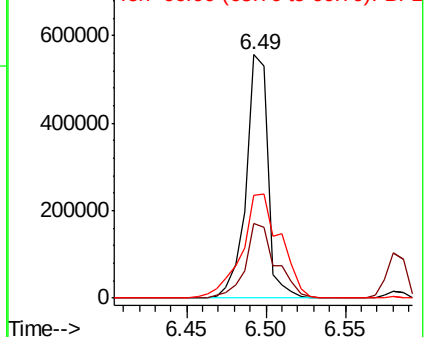
66 42.2 21.1 61.1

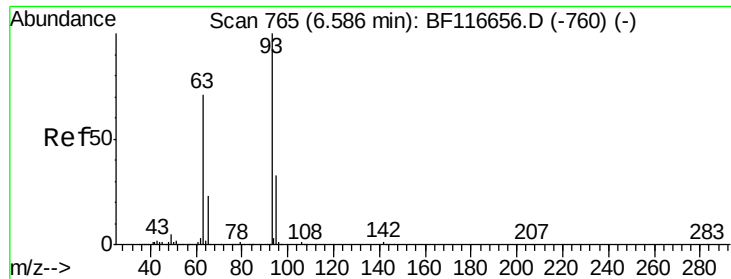


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

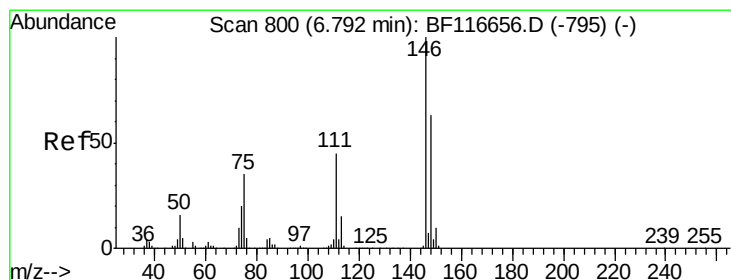
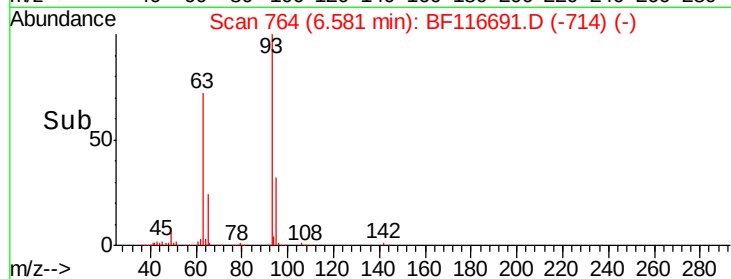
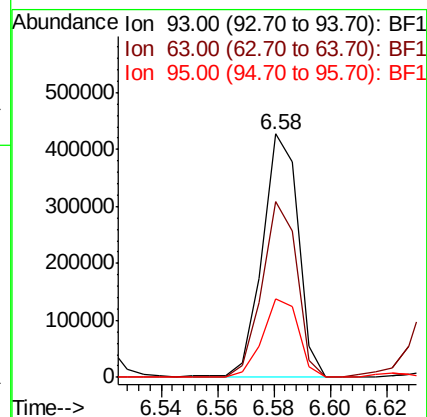
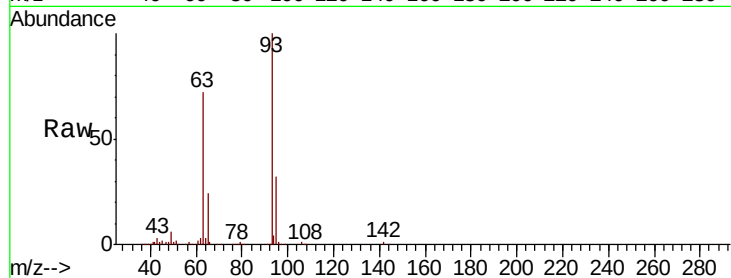




#11
bis(2-Chloroethyl)ether
Concen: 51.449 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

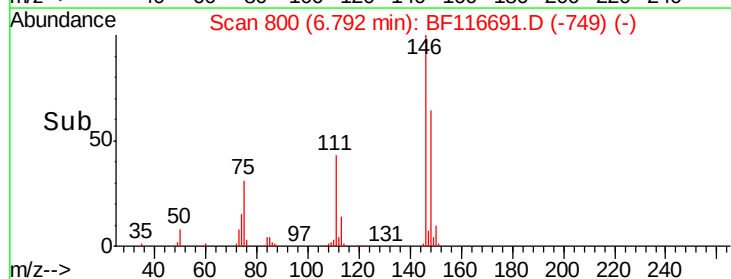
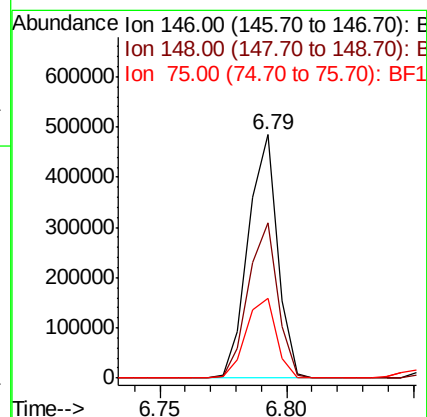
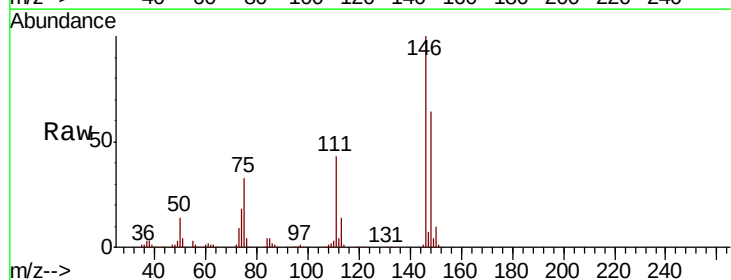
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

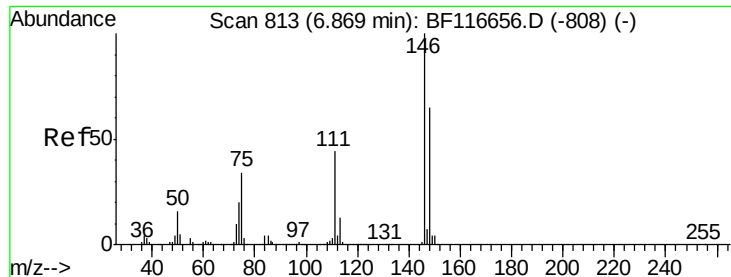
Tot Ion:	93	Resp:	374567
Ion	Ratio	Lower	Upper
93	100		
63	72.2	49.9	89.9
95	32.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 49.247 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:	146	Resp:	390714
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	32.5	29.6	44.4

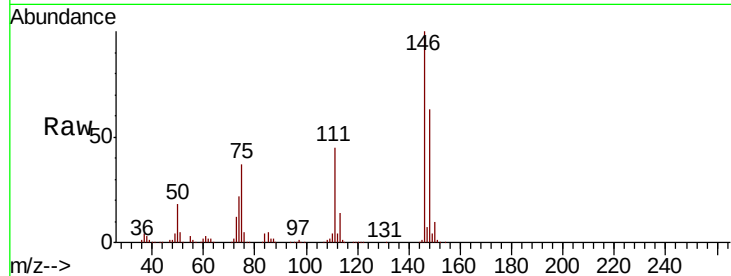




#13
 1,4-Dichlorobenzene
 Concen: 50.426 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
111	44.7	34.8	52.2

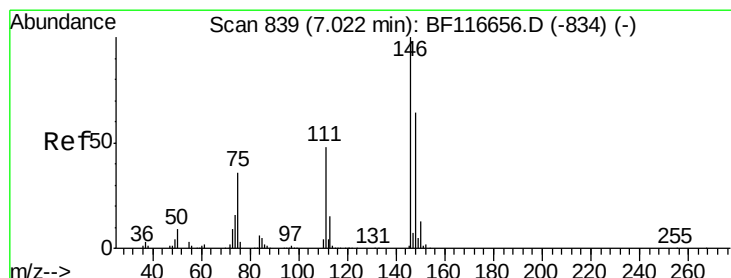
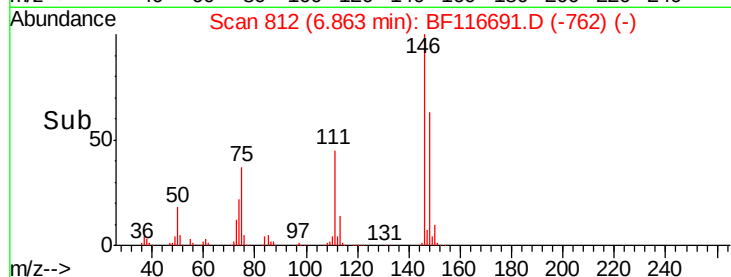
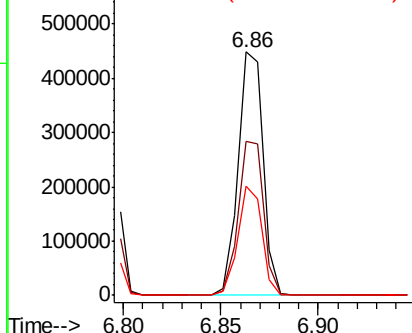


Abundance

Ion 146.00 (145.70 to 146.70): E

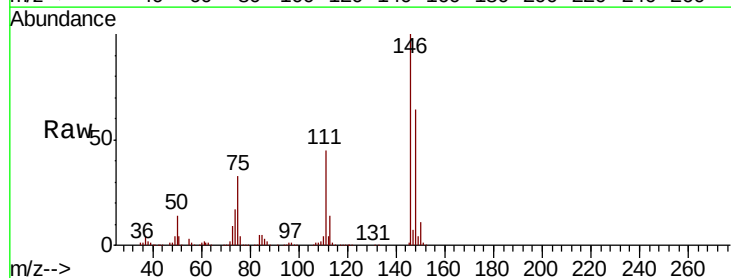
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 50.531 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
111	45.3	34.2	51.4

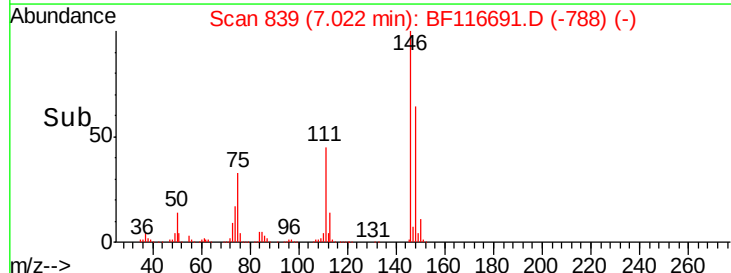
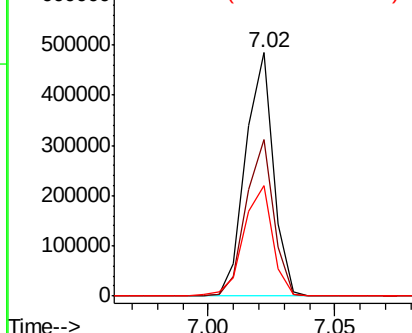


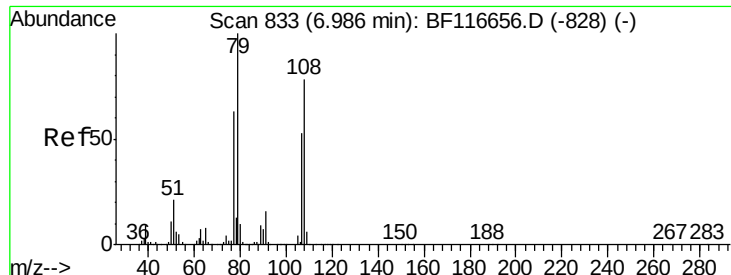
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.591 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

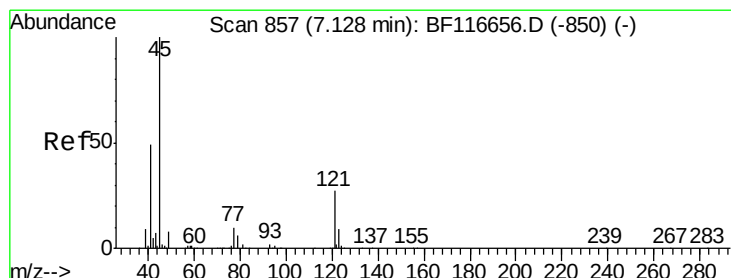
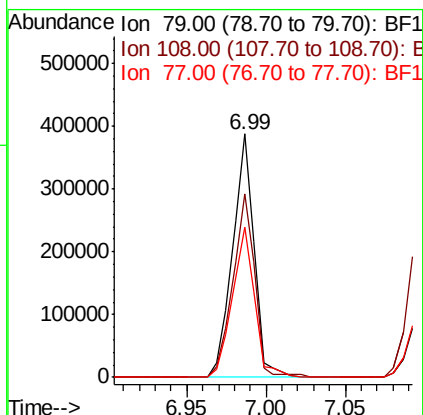
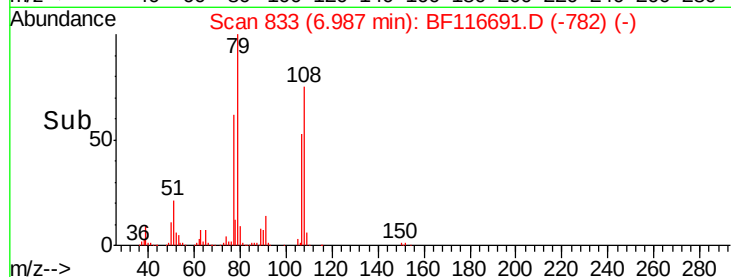
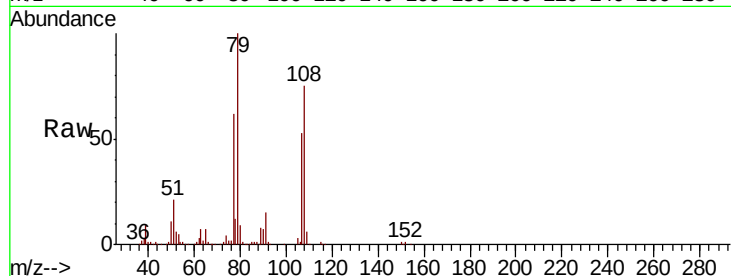
Tot Ion: 79 Resp: 367316

Ion Ratio Lower Upper

79 100

108 75.2 59.2 88.8

77 61.6 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.358 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

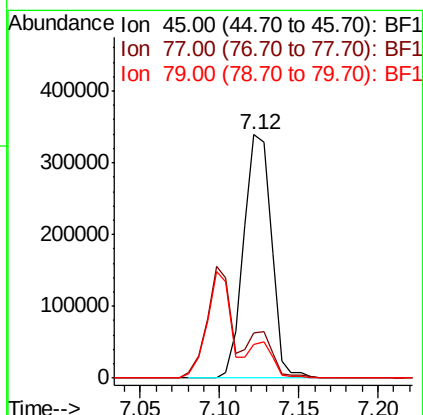
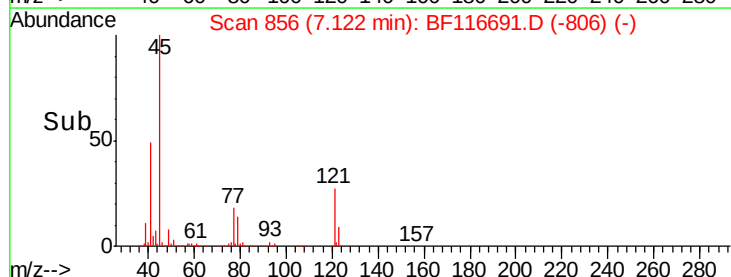
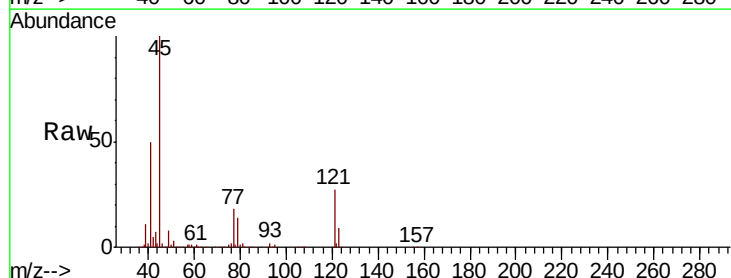
Tgt Ion: 45 Resp: 413057

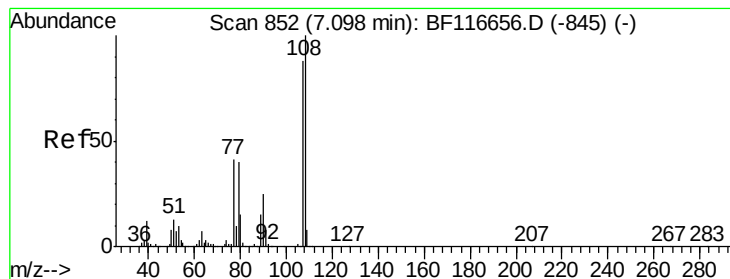
Ion Ratio Lower Upper

45 100

77 18.3 0.0 38.2

79 13.6 0.0 33.9

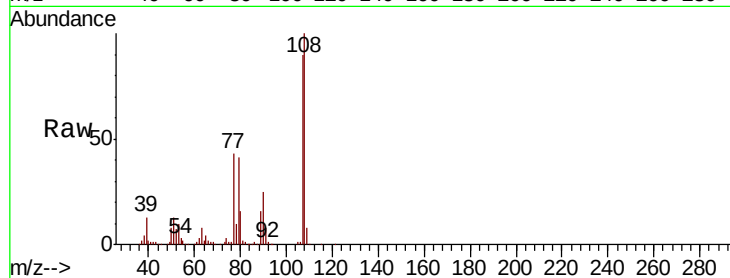




#17
2-Methylphenol
Concen: 53.347 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Tot Ion:	107	Resp:	327816
Ion	Ratio	Lower	Upper
107	100		
108	111.6	88.3	132.5
77	48.3	39.9	59.9
79	46.1	39.8	59.8



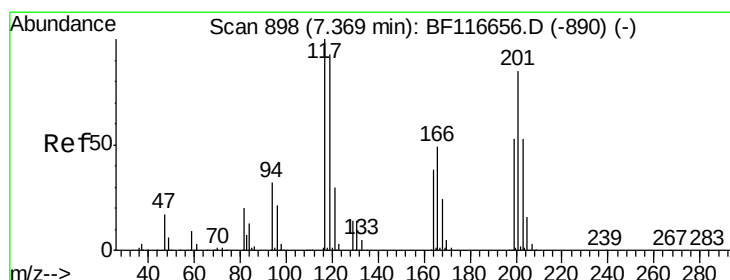
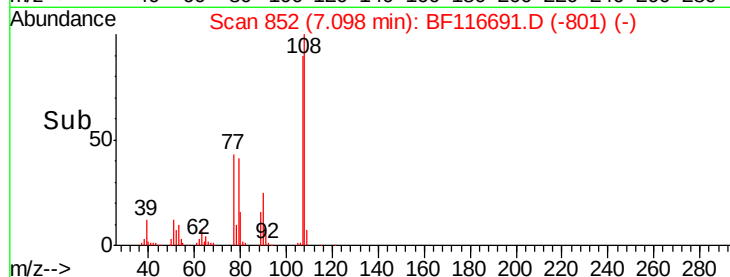
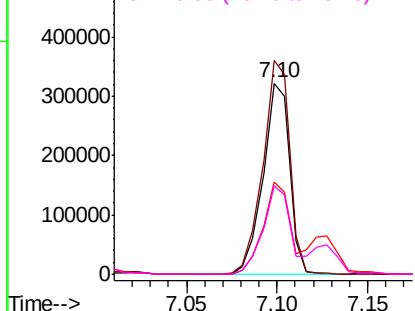
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

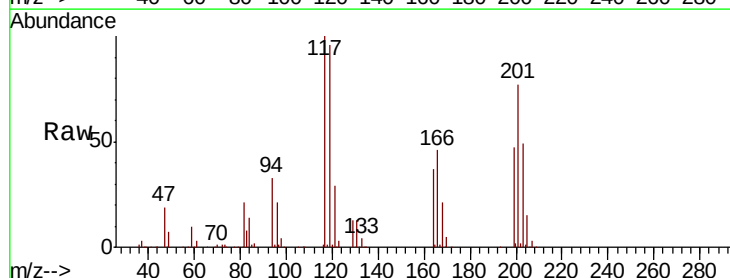
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 49.567 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:	117	Resp:	152110
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	77.2	79.4	119.0#

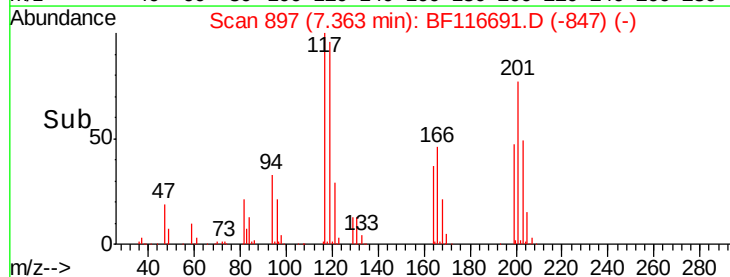
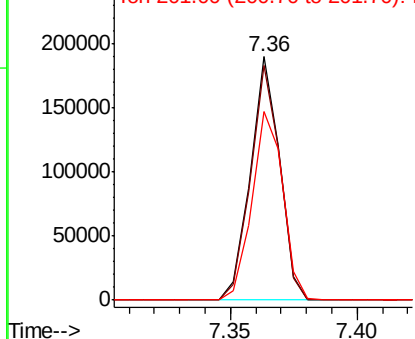


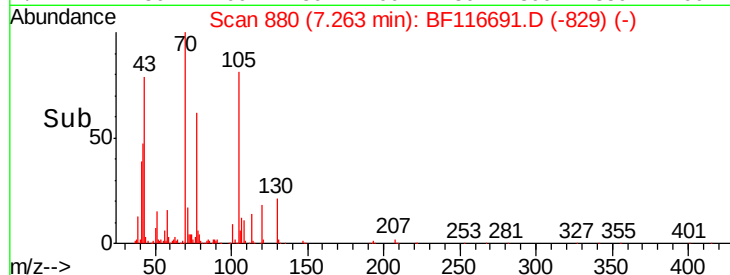
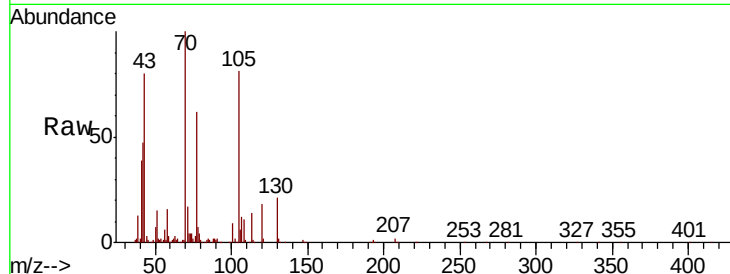
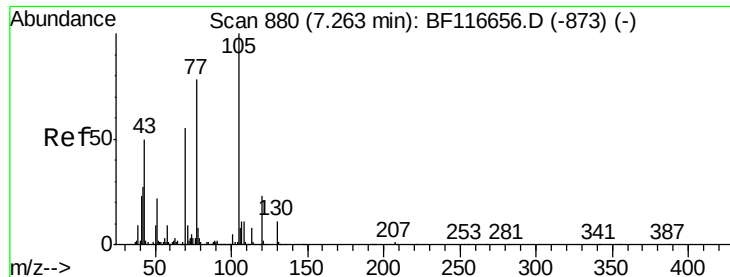
Abundance

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

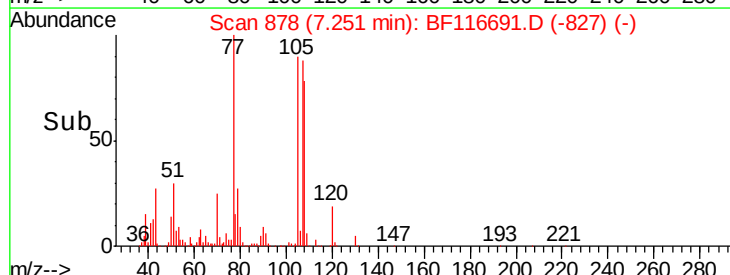
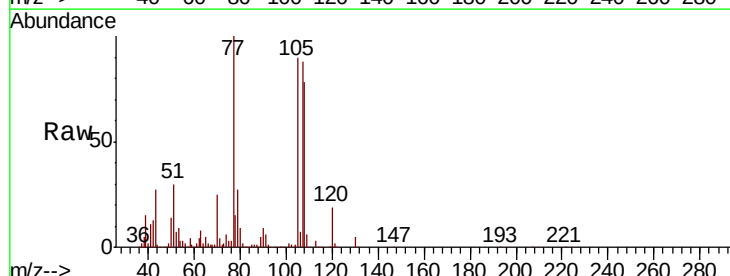
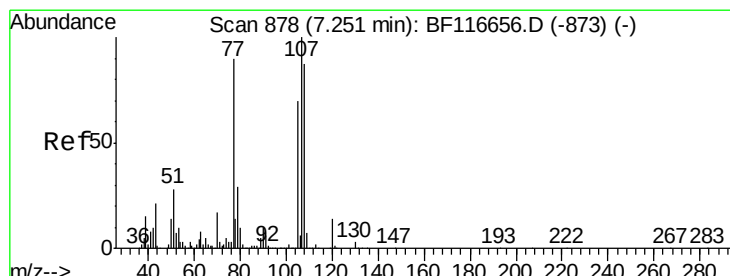
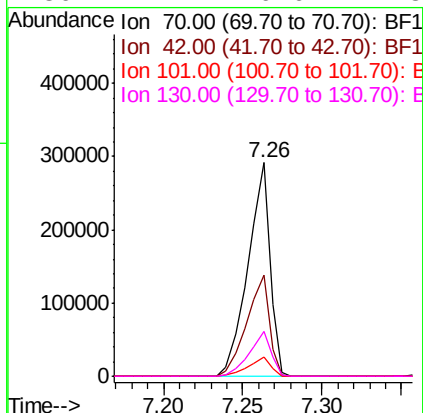




#19
n-Nitroso-di-n-propylamine
Concen: 50.524 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

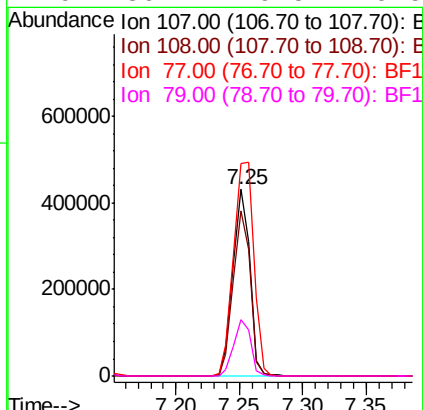
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

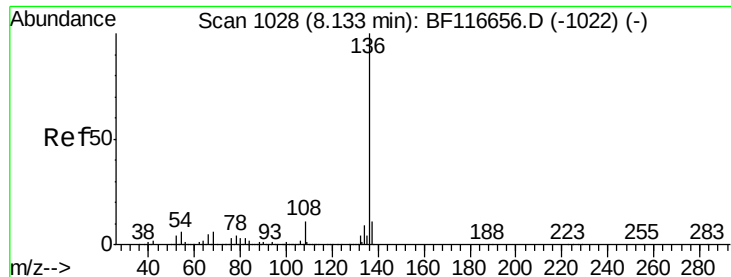
Tot Ion:	70	Resp:	280900
Ion	Ratio	Lower	Upper
70	100		
42	47.2	43.5	65.3
101	9.2	7.8	11.6
130	21.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 55.312 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:	107	Resp:	395196
Ion	Ratio	Lower	Upper
107	100		
108	88.3	65.5	105.5
77	113.8	69.4	109.4#
79	30.2	9.5	49.5

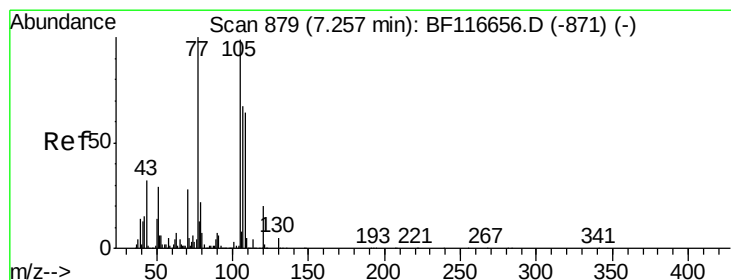
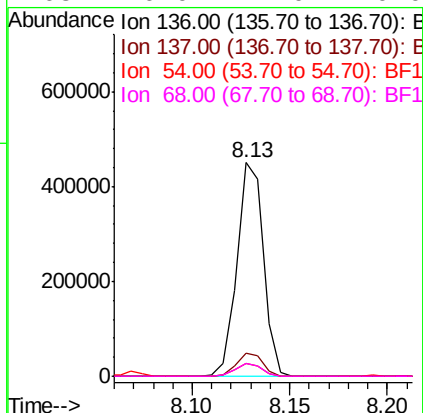
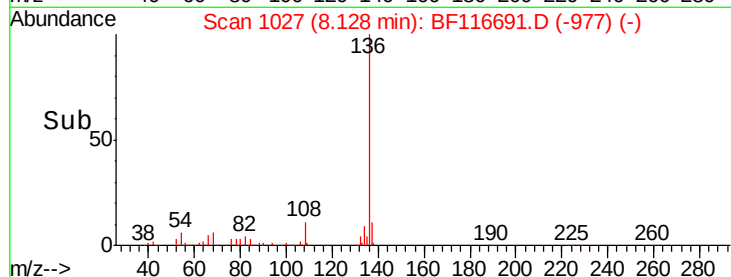
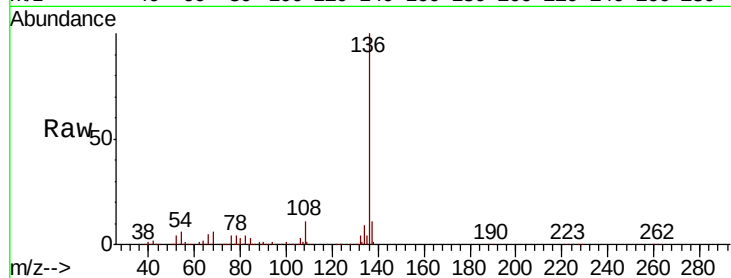




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

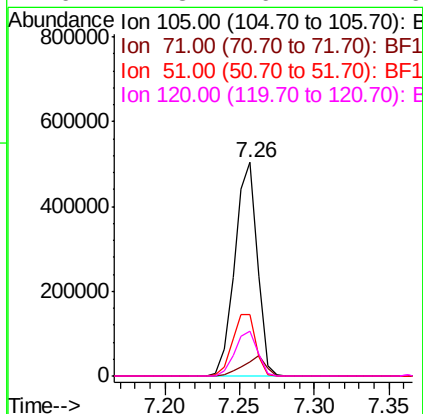
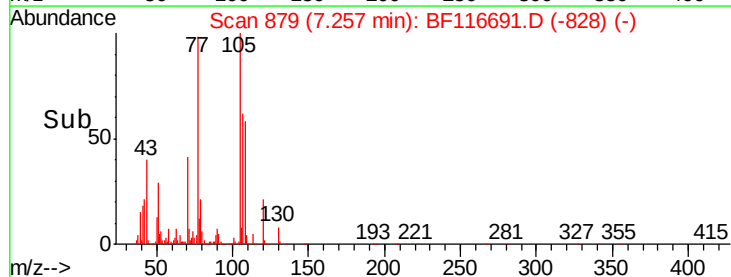
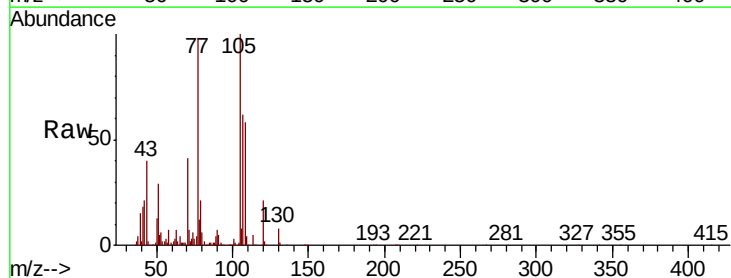
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

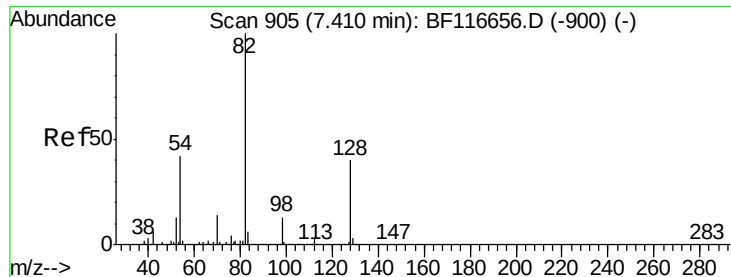
Tot Ion:136	Resp:	421466
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.3	4.8 7.2
68	6.0	4.0 6.0



#22
Acetophenone
Concen: 52.587 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:105	Resp:	533592
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.2 6.4#
51	28.5	25.8 38.8
120	21.3	16.4 24.6

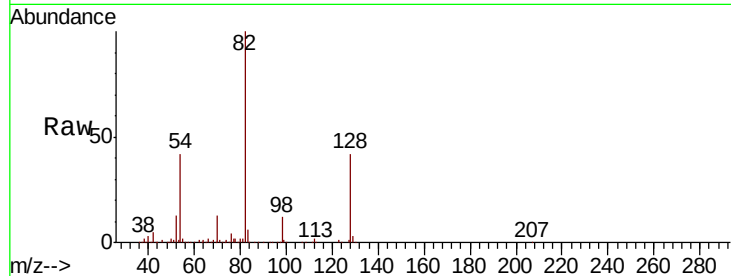




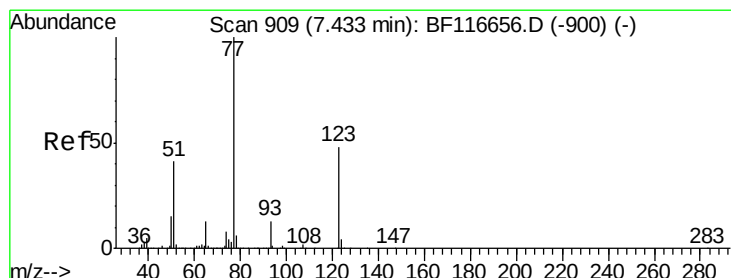
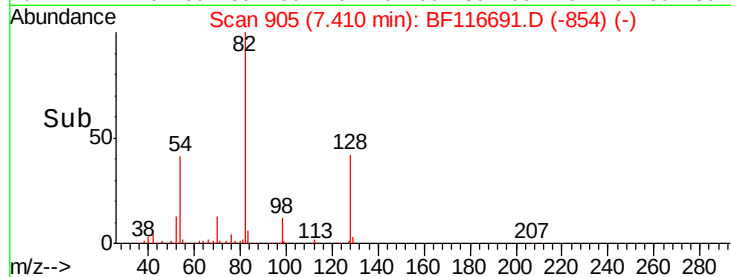
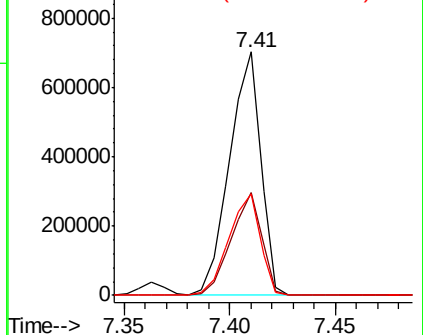
#23
 Nitrobenzene-d5
 Concen: 97.041 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

Tot Ion	82	Resp	716434
Ion Ratio	Lower	Upper	
82	100		
128	42.4	32.8	49.2
54	41.7	36.9	55.3

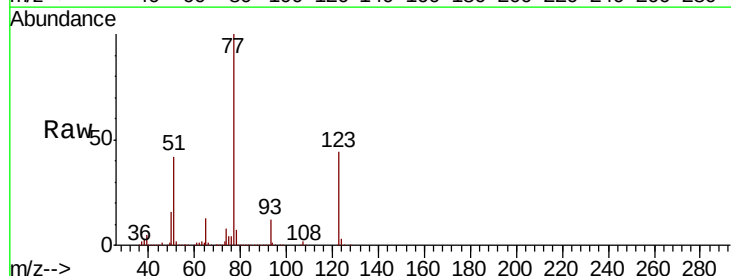


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

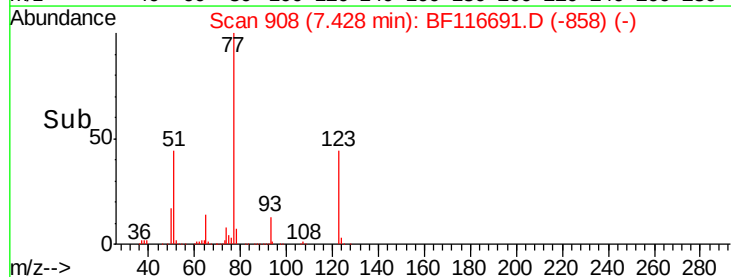
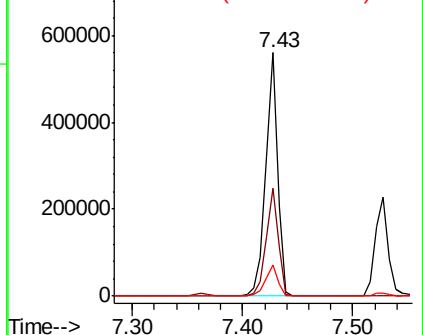


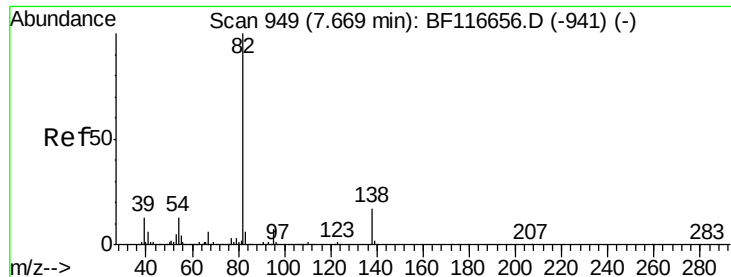
#24
 Nitrobenzene
 Concen: 57.228 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion	77	Resp	429706
Ion Ratio	Lower	Upper	
77	100		
123	44.1	33.1	49.7
65	13.0	10.6	15.8



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: 53.364 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

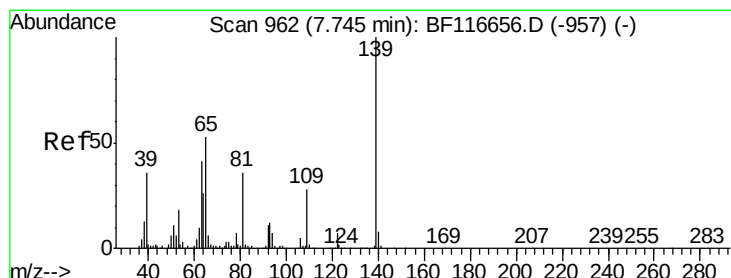
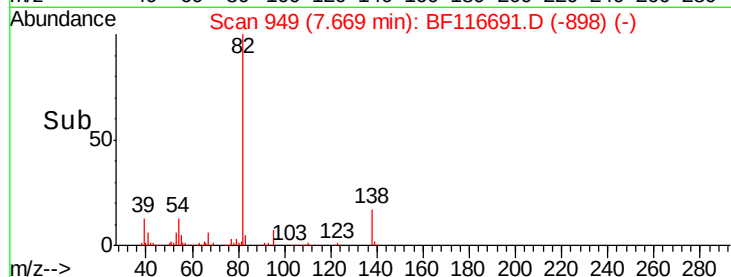
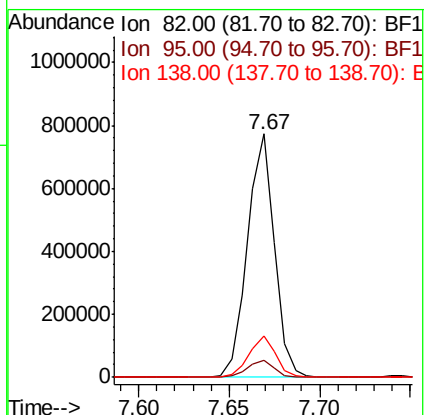
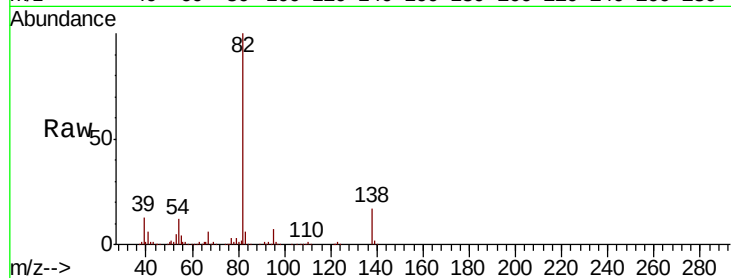
Tot Ion: 82 Resp: 798328

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 68.504 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

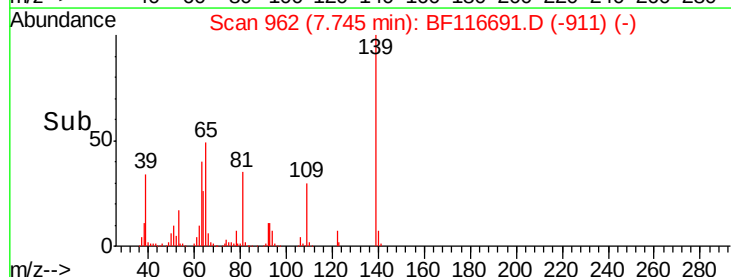
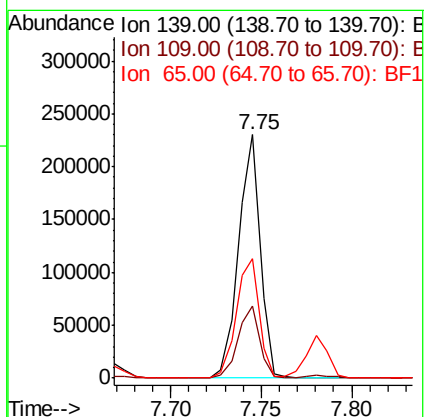
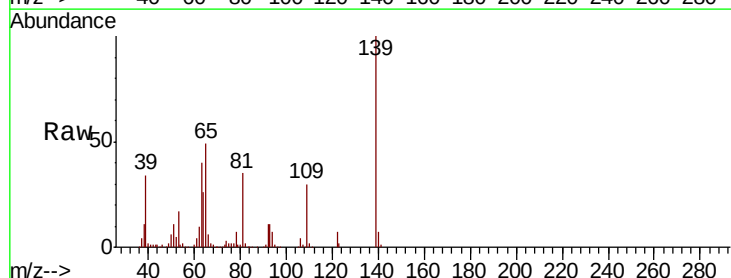
Tgt Ion: 139 Resp: 191236

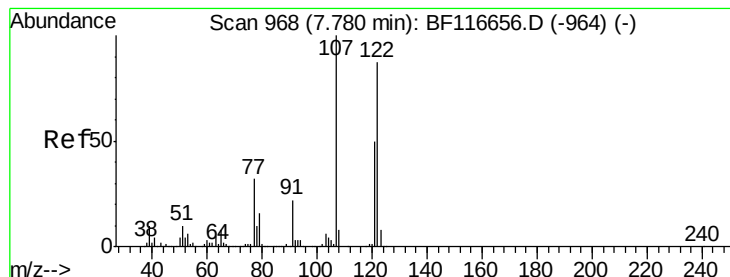
Ion Ratio Lower Upper

139 100

109 29.8 27.1 40.7

65 48.9 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 61.742 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

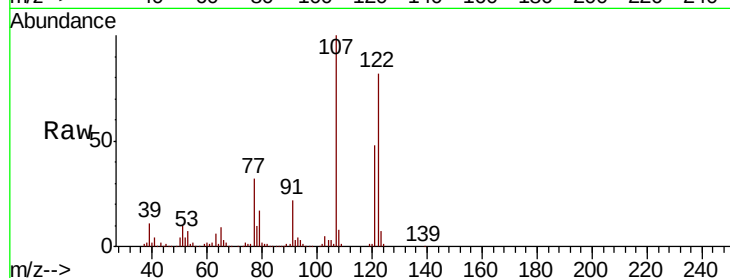
Tot Ion:122 Resp: 348091

Ion Ratio Lower Upper

122 100

107 121.5 98.1 147.1

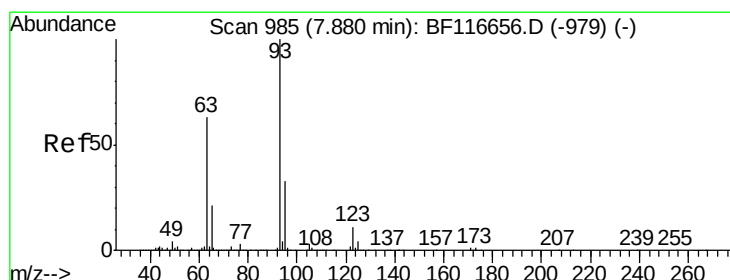
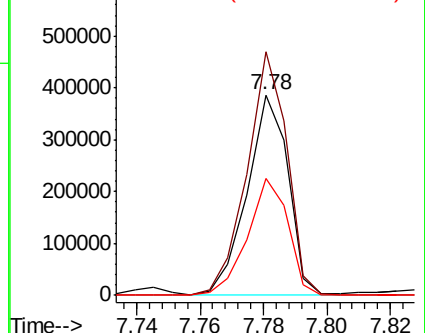
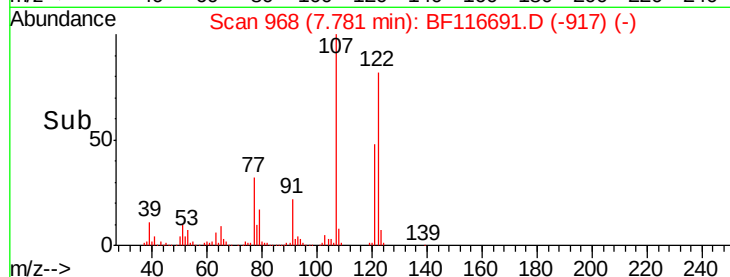
121 58.3 47.3 70.9



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: 51.658 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

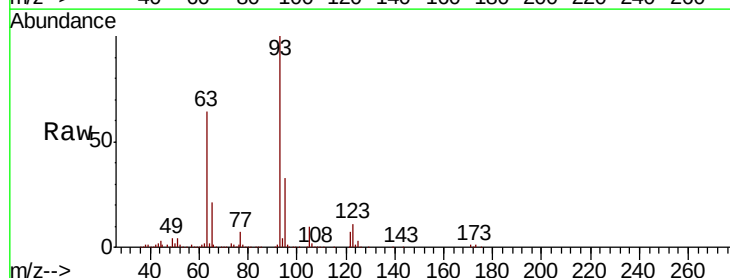
Tgt Ion: 93 Resp: 472258

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

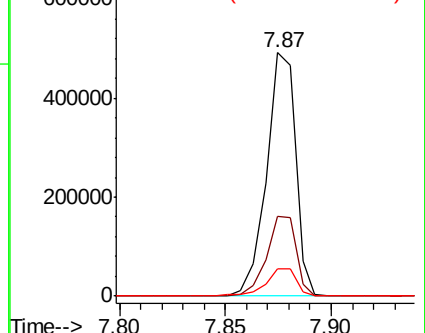
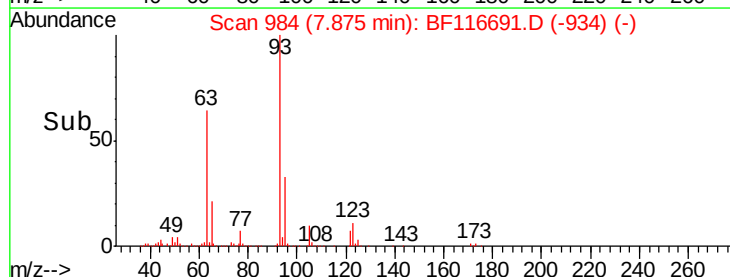
123 11.2 9.8 14.8

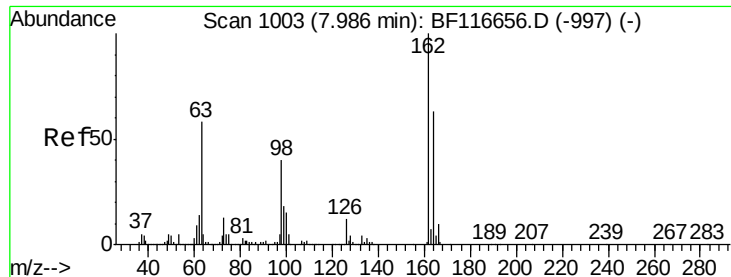


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

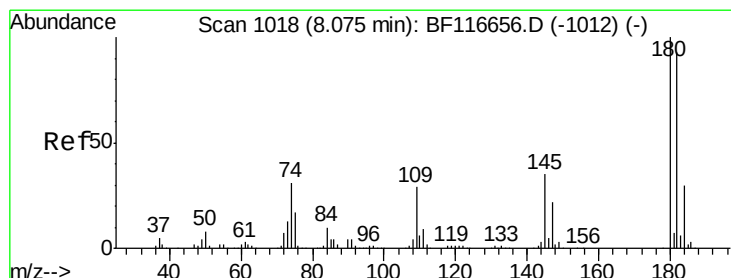
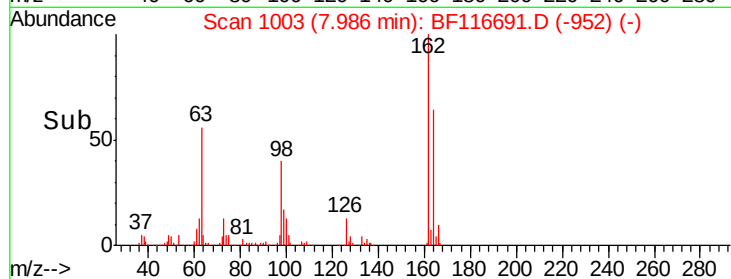
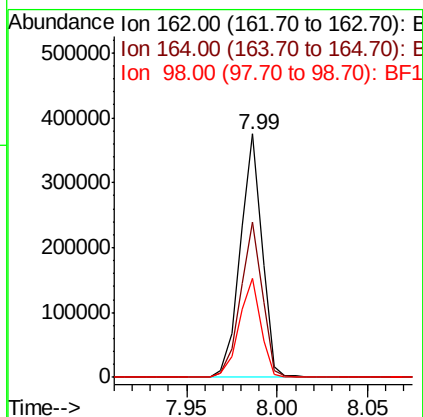
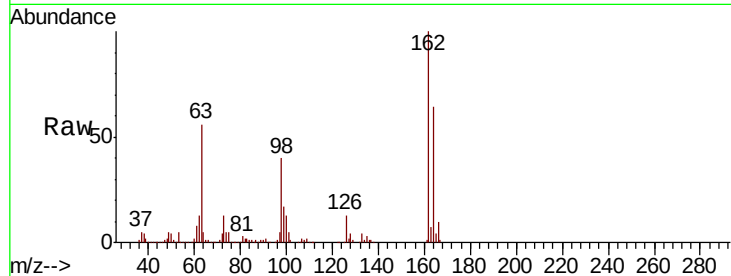




#29
 2,4-Dichlorophenol
 Concen: 57.689 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

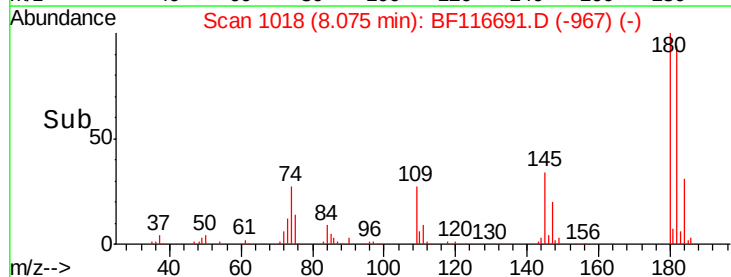
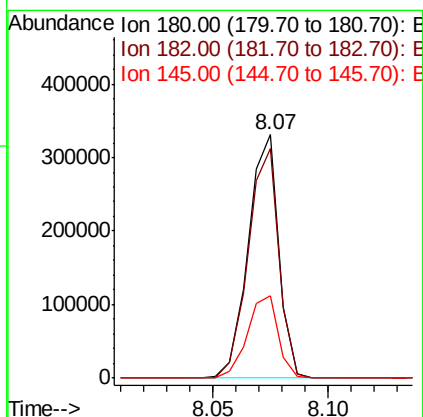
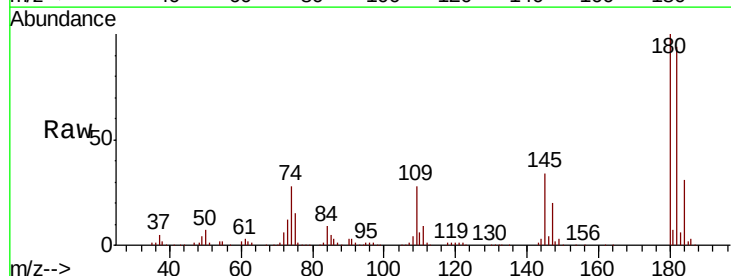
Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

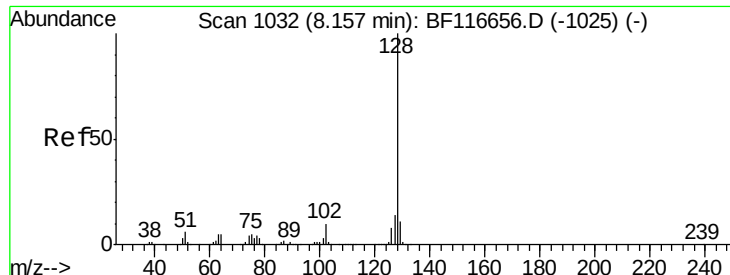
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.4	83.4
98	40.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.822 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.6	118.0
145	34.0	25.7	38.5

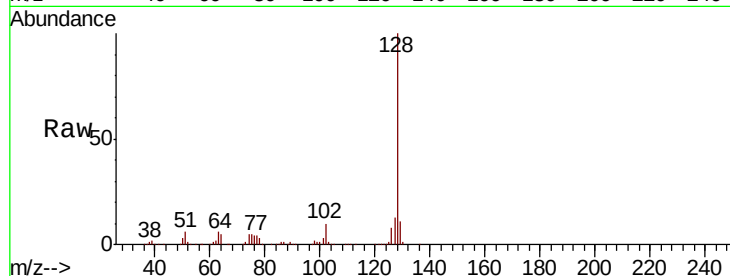




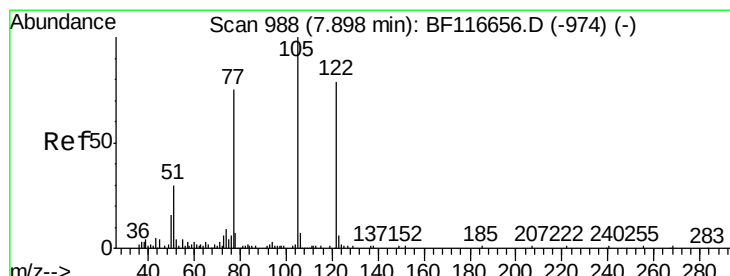
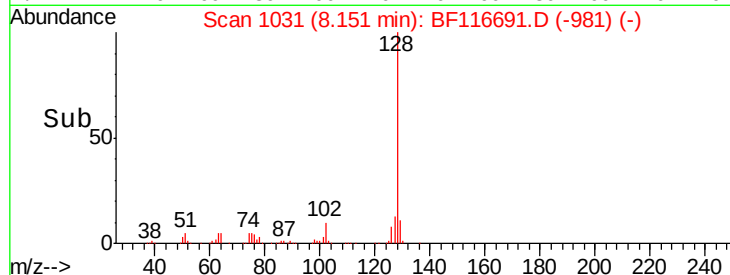
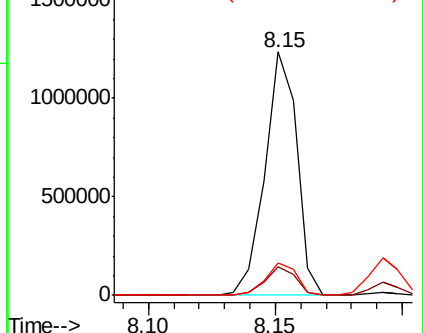
#31
Naphthalene
Concen: 54.527 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Tot Ion:128 Resp: 1092784
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.2 10.4 15.6

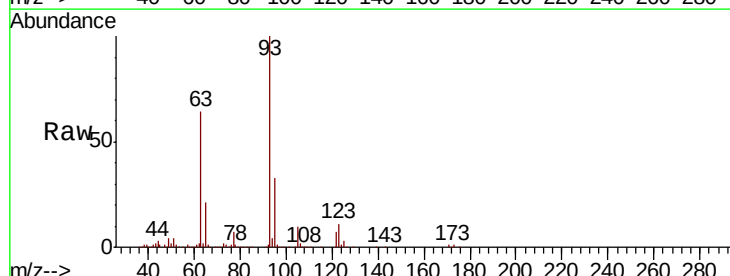


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

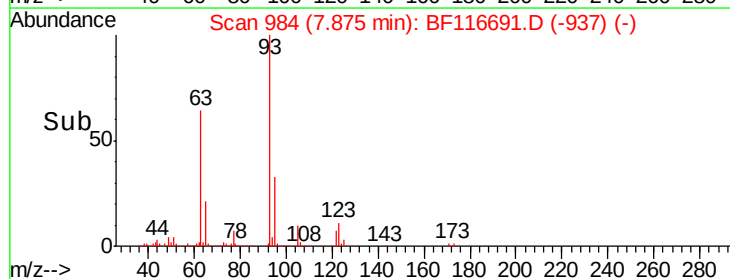
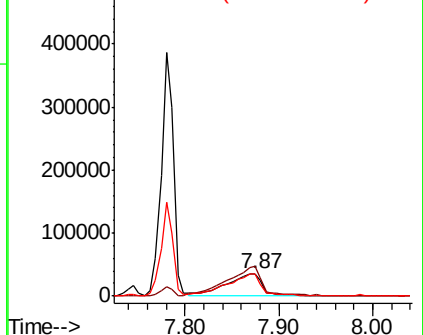


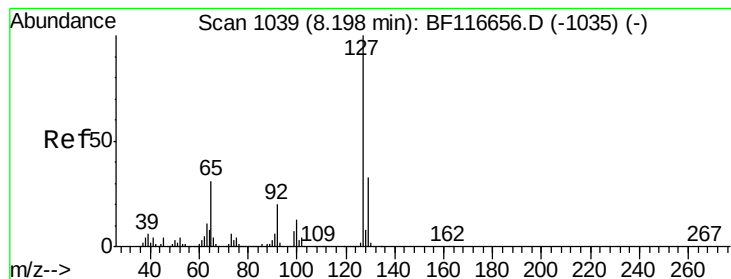
#32
Benzoic acid
Concen: 29.674 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:122 Resp: 94462
Ion Ratio Lower Upper
122 100
105 132.3 110.0 150.0
77 98.7 81.7 121.7



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





#33

4-Chloroaniline

Concen: 18.827 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

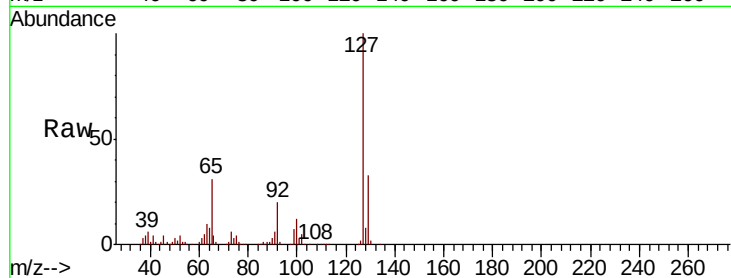
Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

Tot Ion:127	Resp:	171755
Ion Ratio	Lower	Upper
127	100	
129	33.5	26.2 39.2
65	31.1	26.0 39.0
92	19.8	16.1 24.1

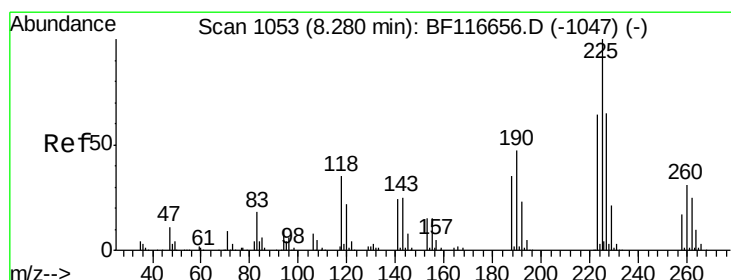
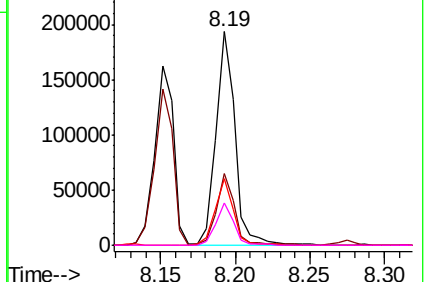
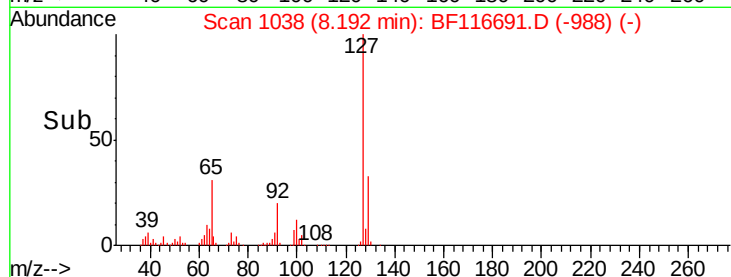


Abundance Ion 127.00 (126.70 to 127.70): E

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: 51.432 ng

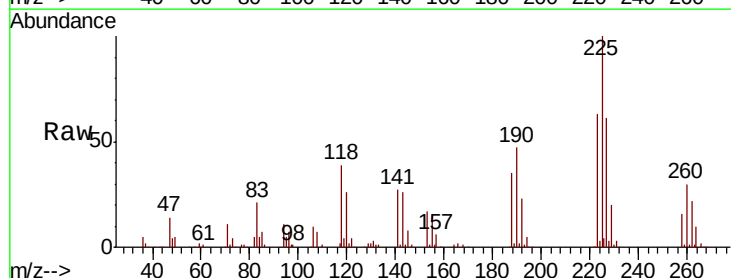
RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

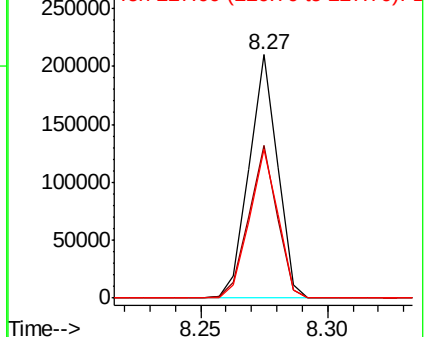
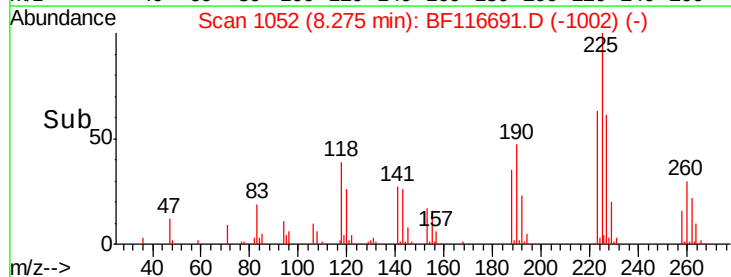
Tgt Ion:225	Resp:	164801
Ion Ratio	Lower	Upper
225	100	
223	62.8	49.4 74.2
227	61.3	51.0 76.4

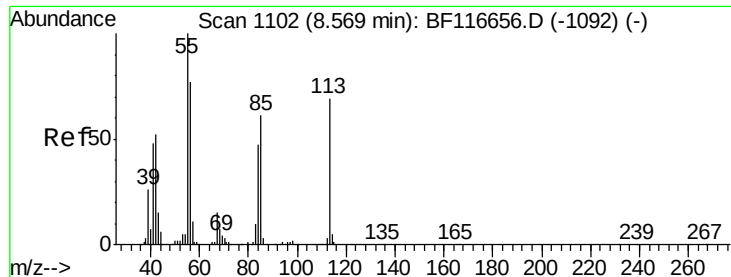


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

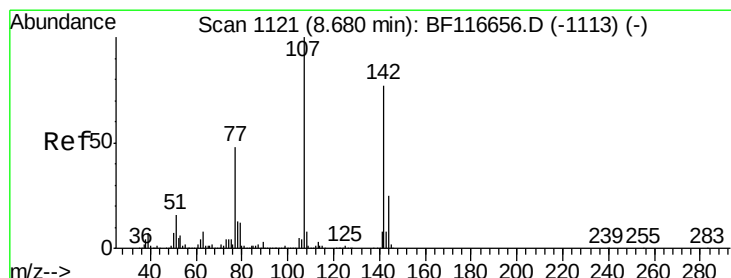
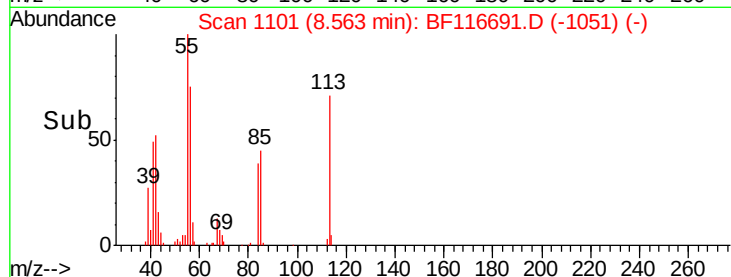
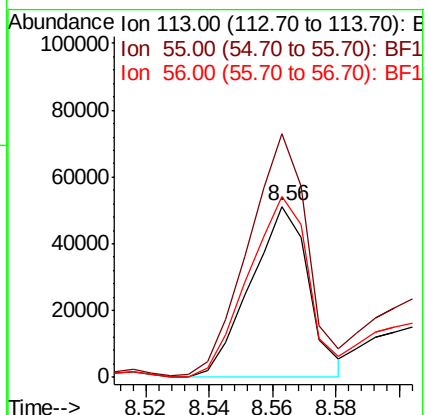
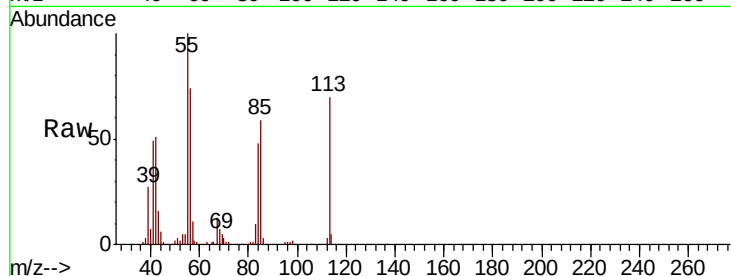




#35
 Caprolactam
 Concen: 32.153 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

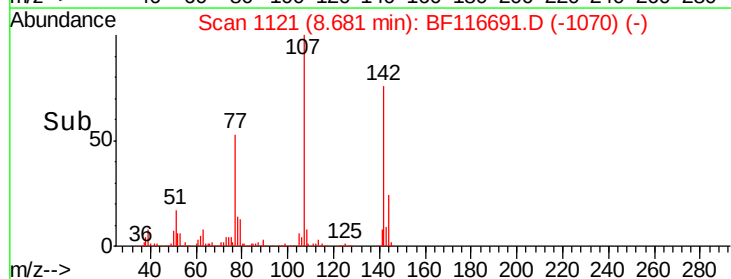
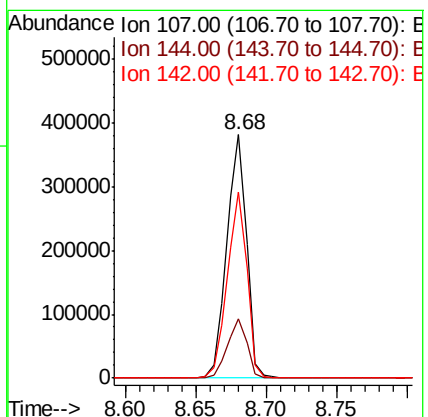
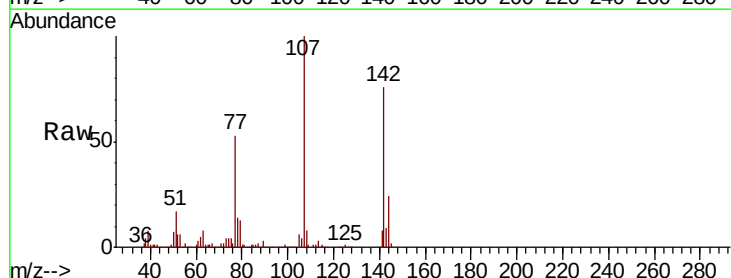
Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

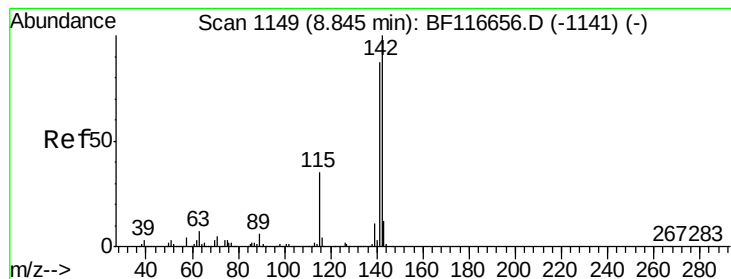
Tot Ion:113 Resp: 65196
 Ion Ratio Lower Upper
 113 100
 55 142.1 124.3 164.3
 56 105.8 94.6 134.6



#36
 4-Chloro-3-methylphenol
 Concen: 59.824 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion:107 Resp: 372538
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.6 27.8
 142 76.3 58.5 87.7





#37

2-Methylnaphthalene

Concen: 55.382 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

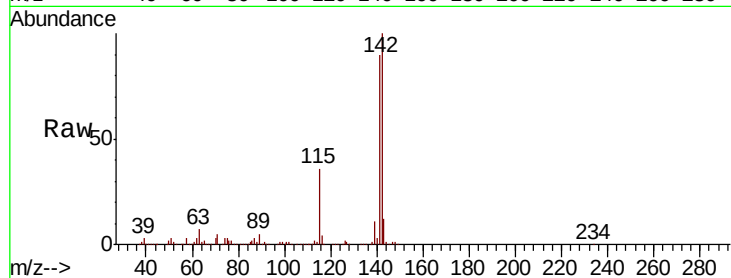
Tot Ion:142 Resp: 738490

Ion Ratio Lower Upper

142 100

141 89.7 72.6 109.0

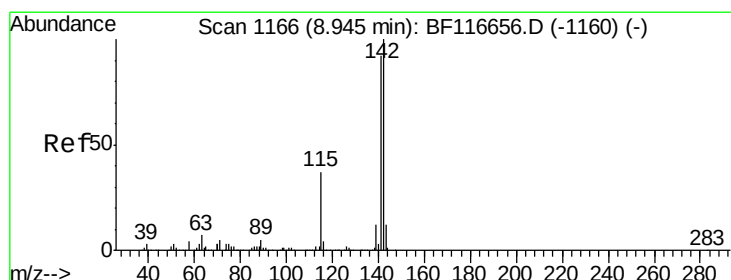
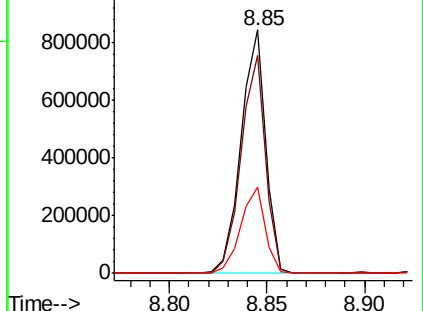
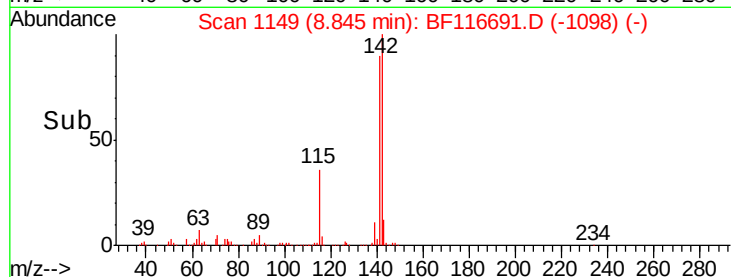
115 35.6 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.989 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

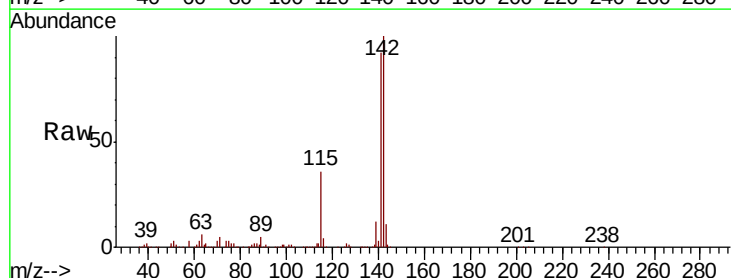
Tgt Ion:142 Resp: 692178

Ion Ratio Lower Upper

142 100

141 92.2 73.9 110.9

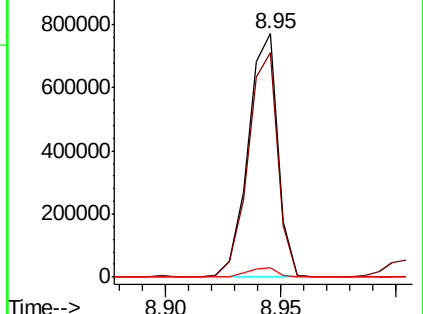
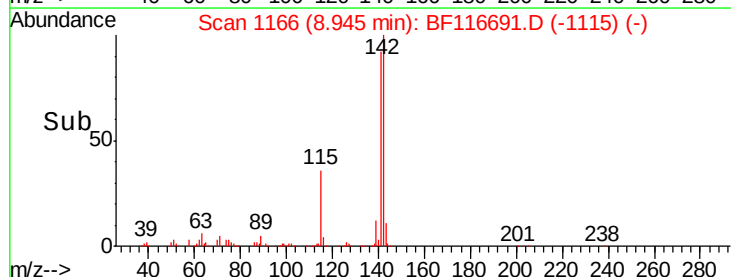
116 3.7 3.0 4.6

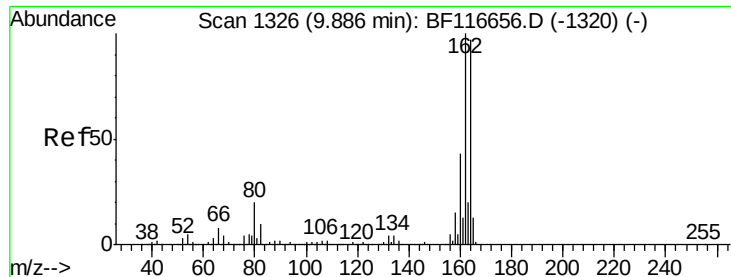


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

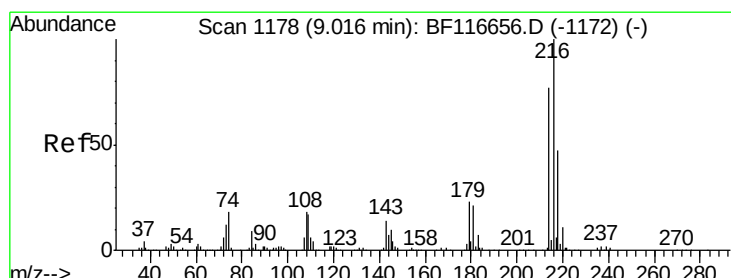
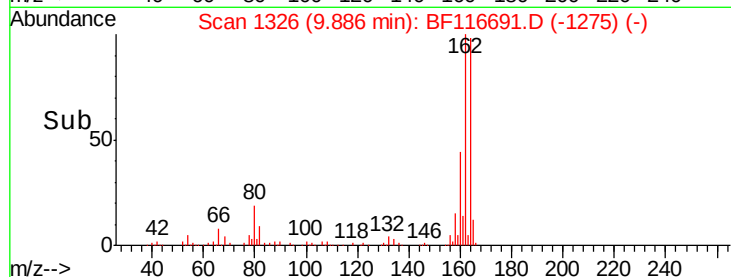
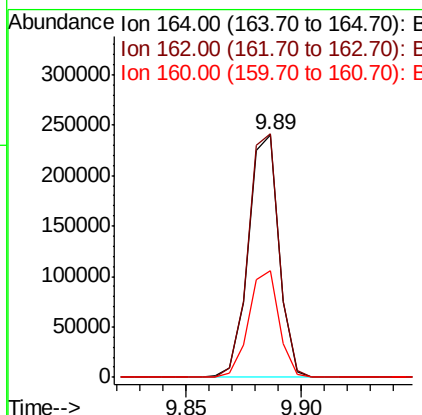
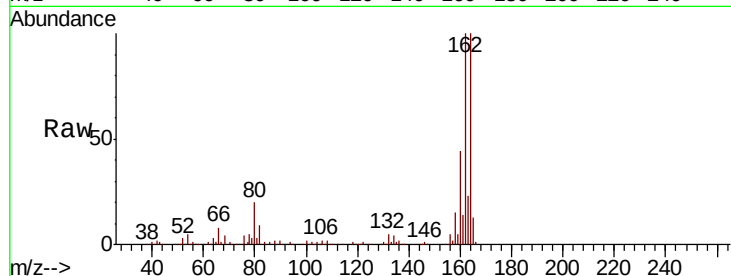




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

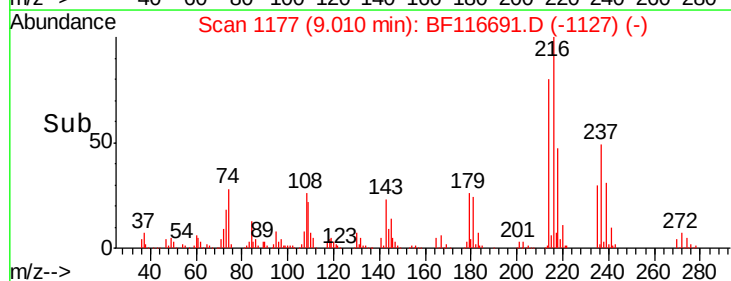
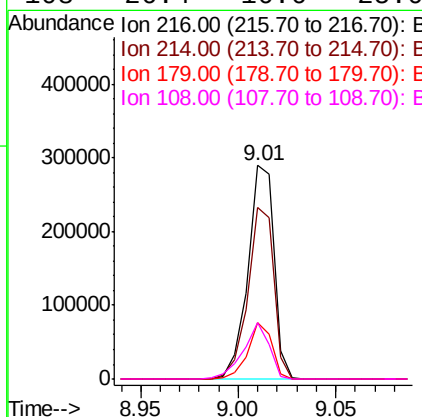
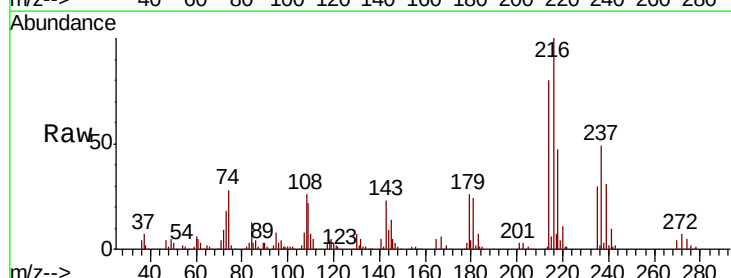
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

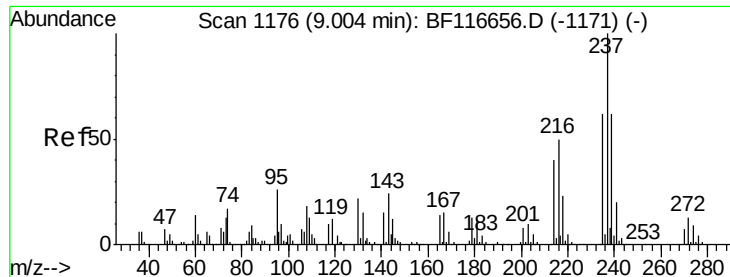
Tot Ion:164 Resp: 222618
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.2 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.236 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:216 Resp: 268090
Ion Ratio Lower Upper
216 100
214 80.2 62.7 94.1
179 24.4 19.3 28.9
108 26.4 16.6 25.0#





#41

Hexachlorocyclopentadiene

Concen: 102.080 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

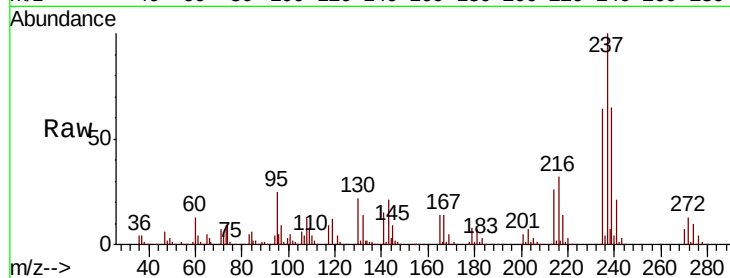
Tot Ion:237 Resp: 314579

Ion Ratio Lower Upper

237 100

235 64.5 41.4 81.4

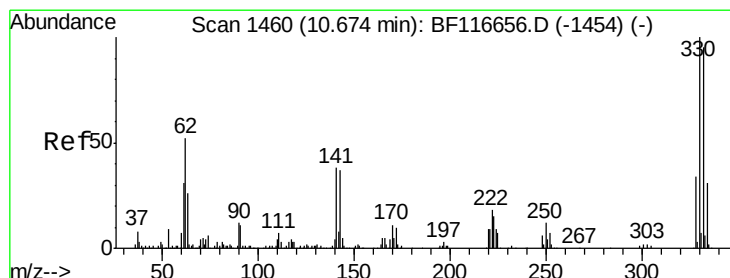
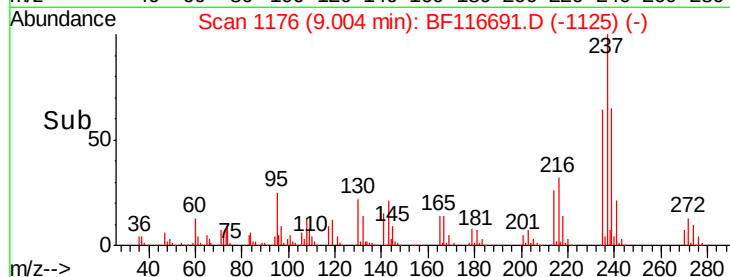
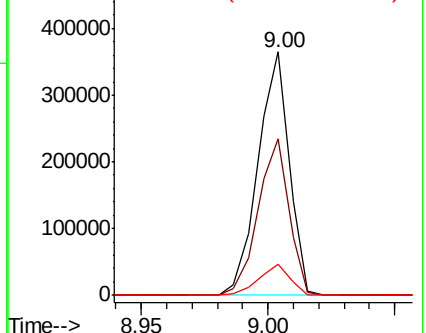
272 12.6 0.0 32.8



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: 148.197 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

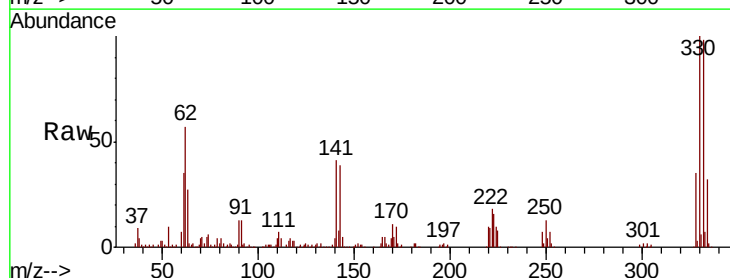
Tgt Ion:330 Resp: 220554

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

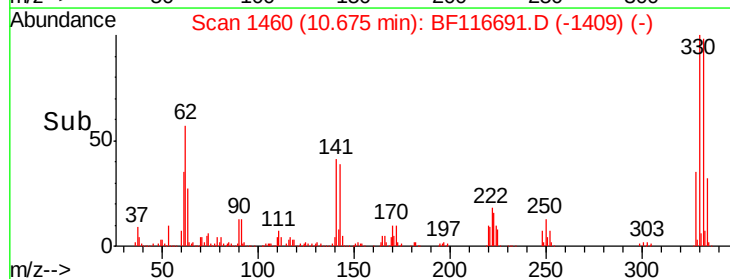
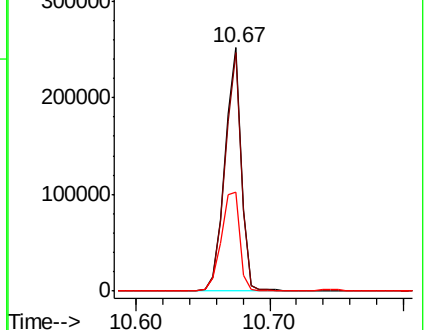
141 46.3 31.4 47.2

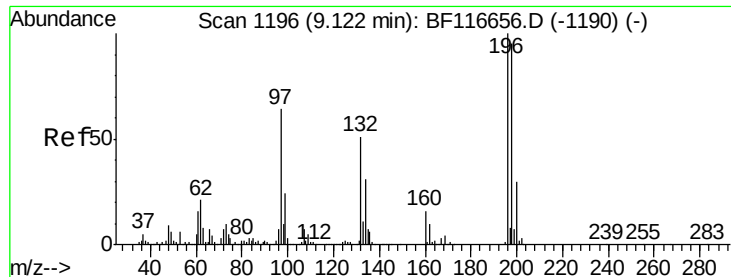


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

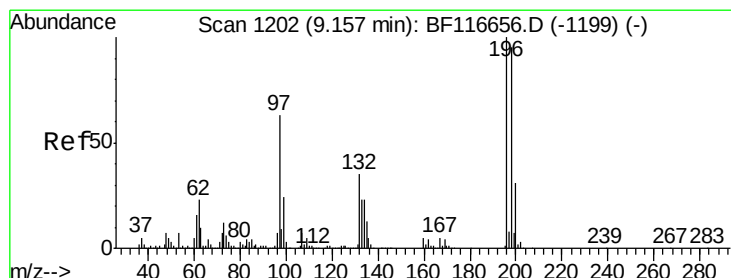
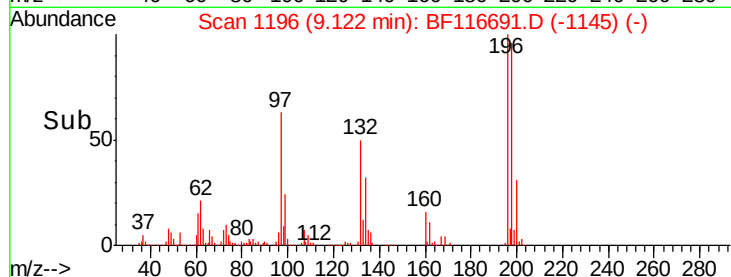
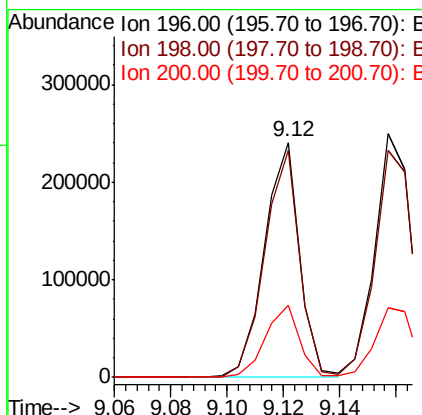
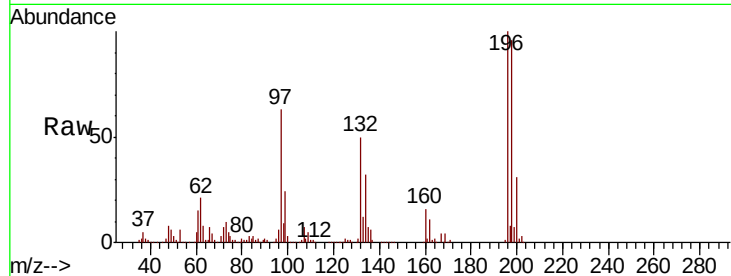




#43
2,4,6-Trichlorophenol
Concen: 56.880 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

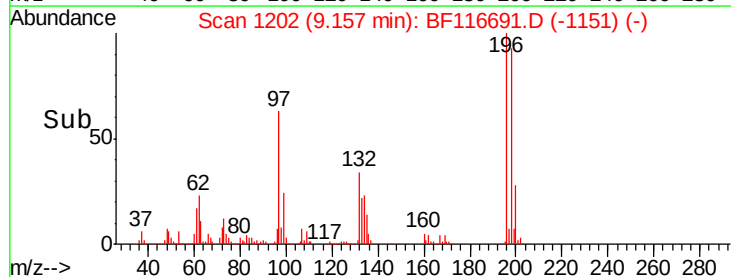
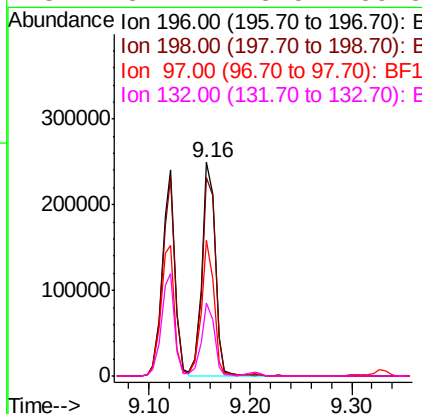
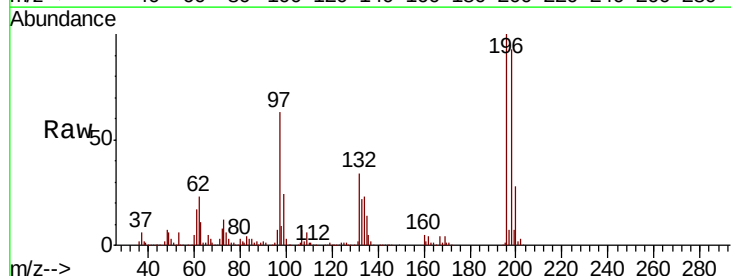
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

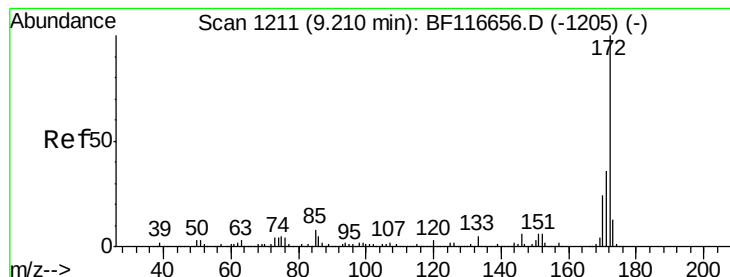
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.1	118.7
200	30.8	24.0	36.0



#44
2,4,5-Trichlorophenol
Concen: 59.978 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	78.1	117.1
97	63.4	41.6	62.4#
132	34.2	23.5	35.3





#45

2-Fluorobiphenyl

Concen: 67.266 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

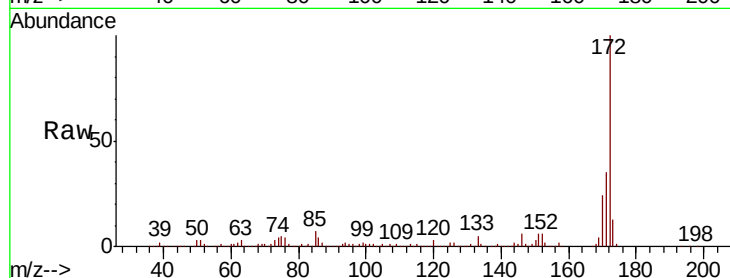
Tot Ion:172 Resp: 887700

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

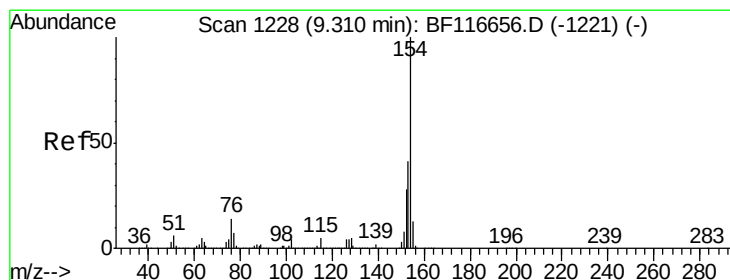
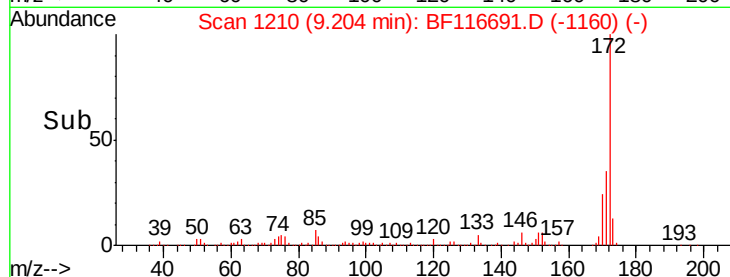
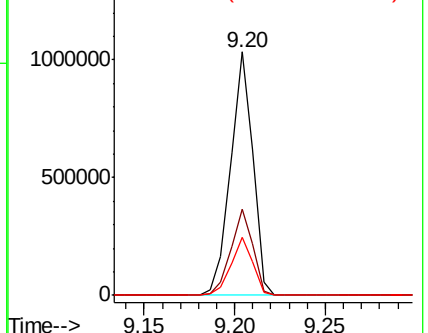
170 23.9 18.9 28.3



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: 51.821 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

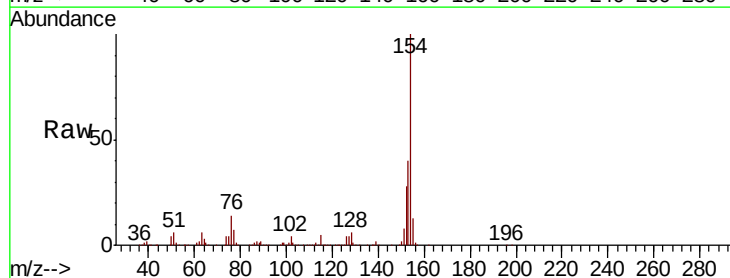
Tgt Ion:154 Resp: 875393

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

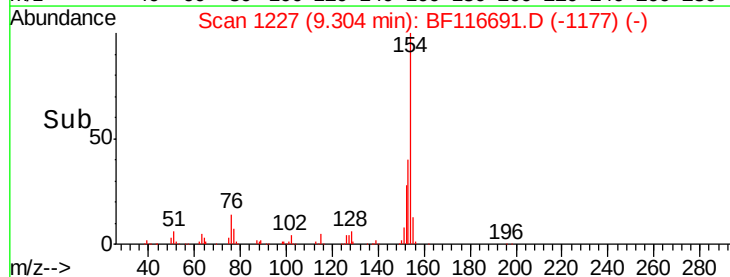
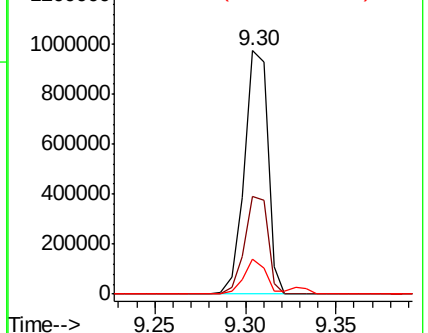
76 14.2 0.0 30.9

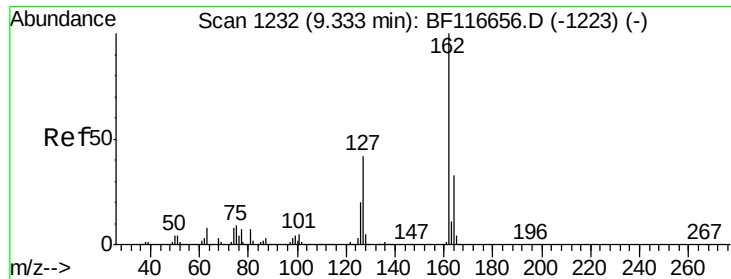


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

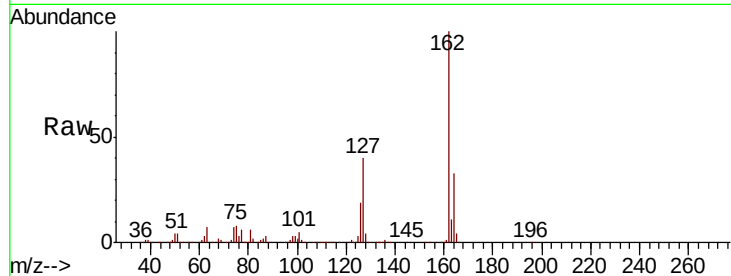




#47
 2-Chloronaphthalene
 Concen: 51.476 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.4	50.2
164	33.1	26.6	39.8

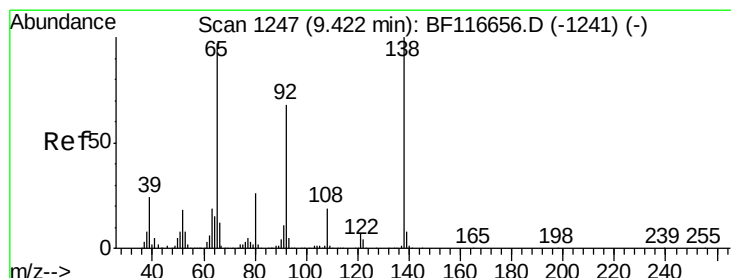
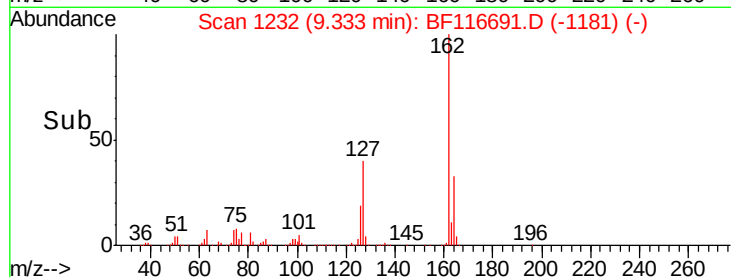
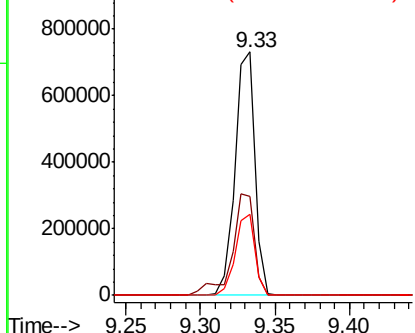


Abundance

Ion 162.00 (161.70 to 162.70): E

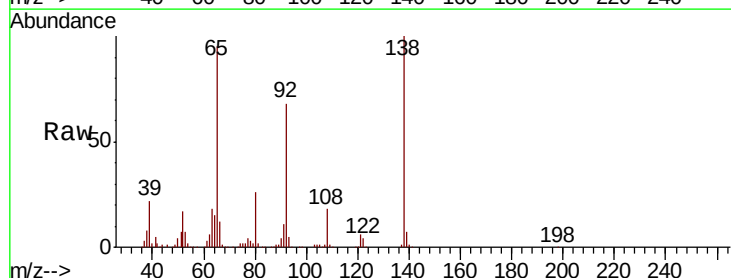
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 60.143 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.1	85.7
138	104.8	88.2	132.2

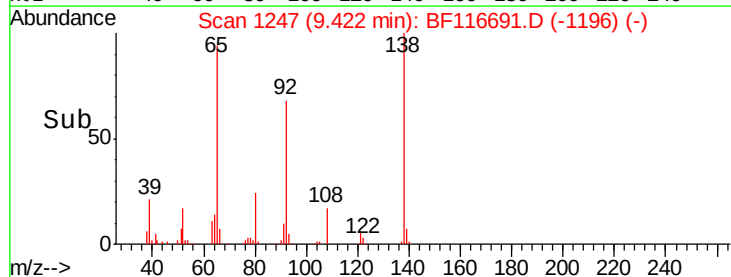
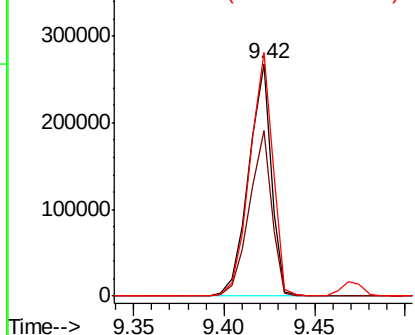


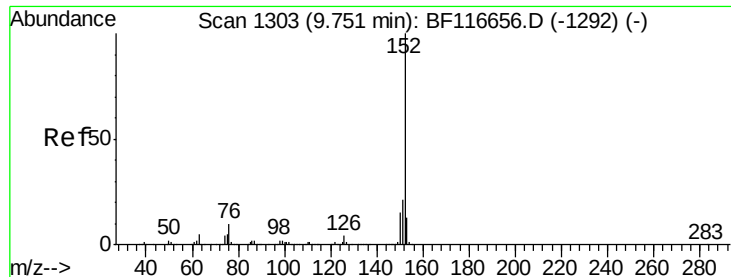
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.789 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

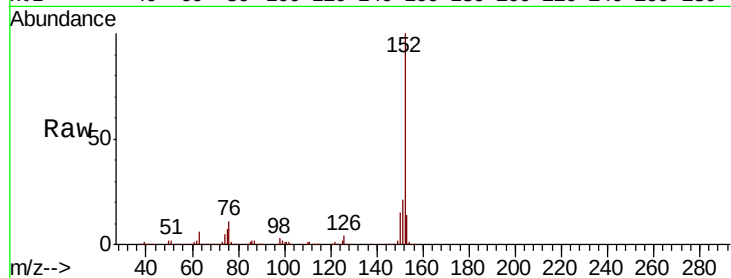
Tot Ion:152 Resp: 1108103

Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

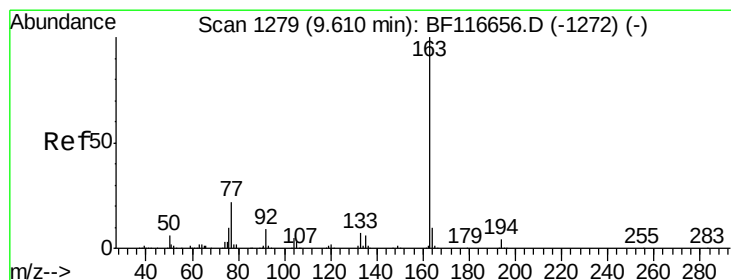
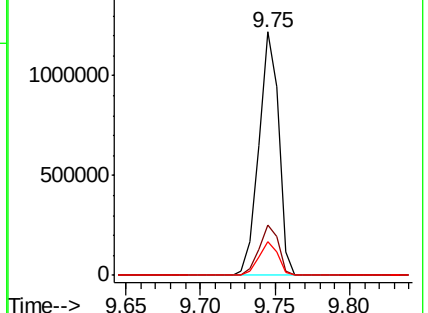
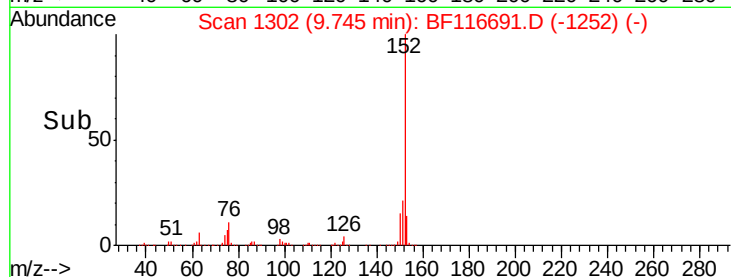
153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.877 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

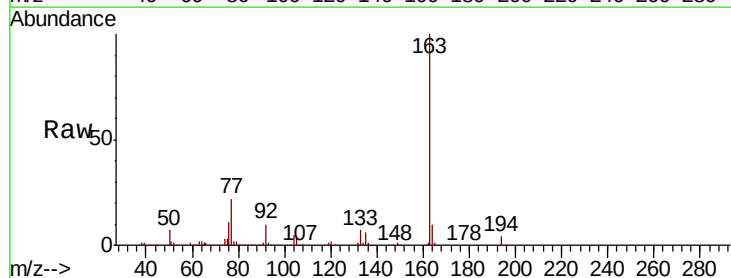
Tgt Ion:163 Resp: 920282

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

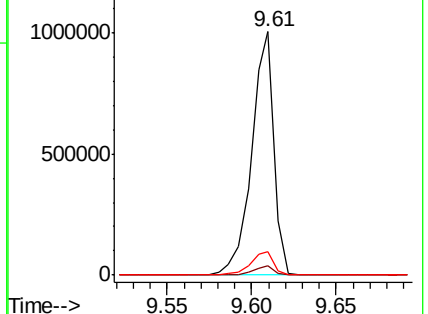
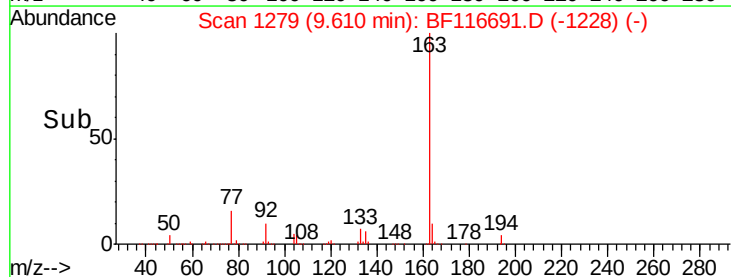
164 9.9 8.6 12.8

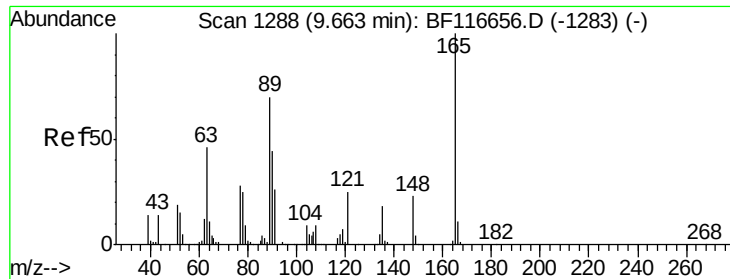


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

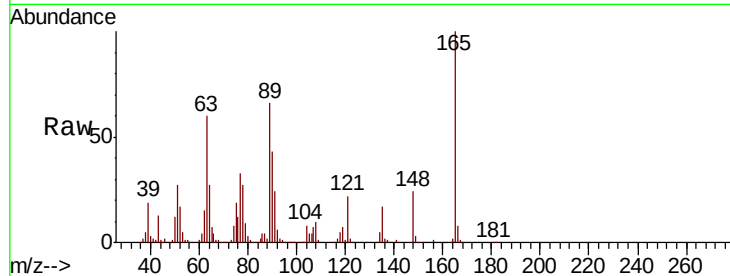




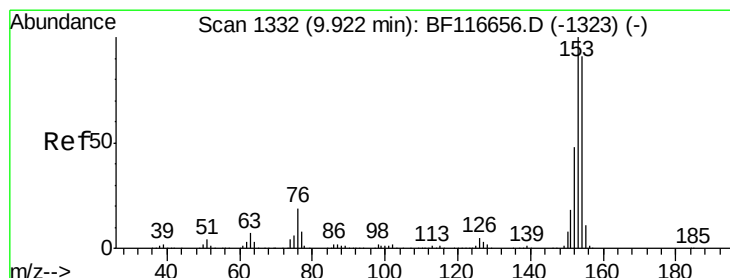
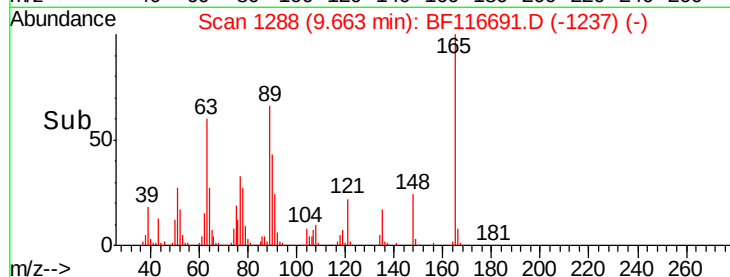
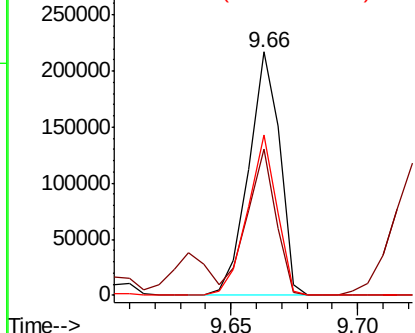
#51
 2,6-Dinitrotoluene
 Concen: 63.546 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.9	47.3	70.9
89	66.1	52.5	78.7

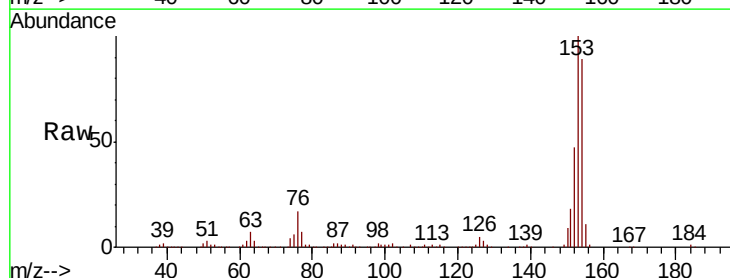


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

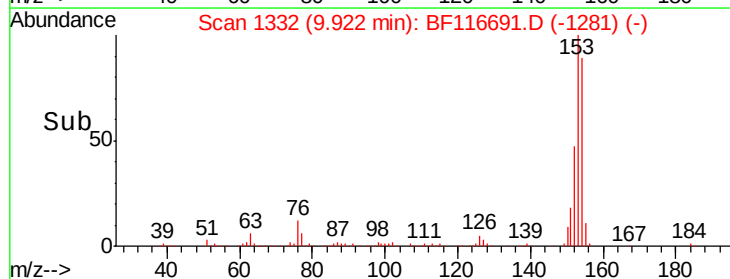
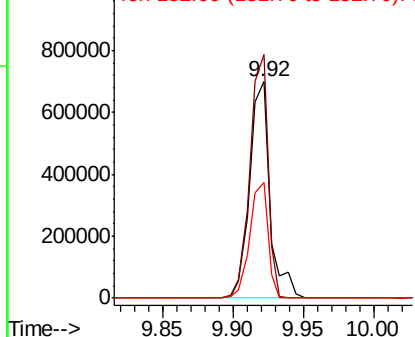


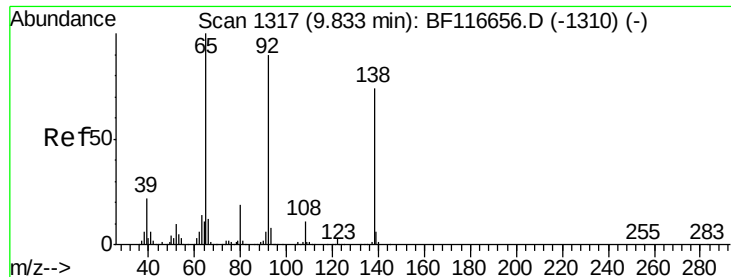
#52
 Acenaphthene
 Concen: 56.992 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	53.3	41.9	62.9



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

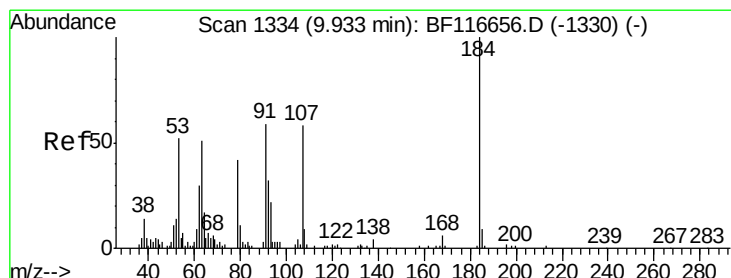
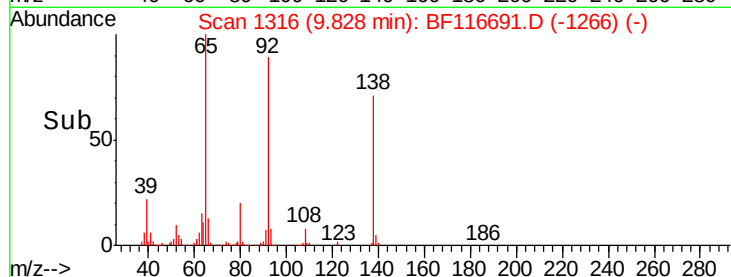
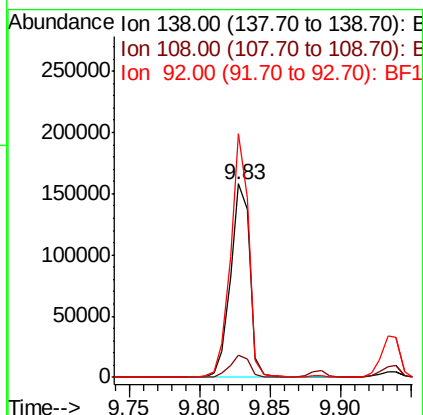
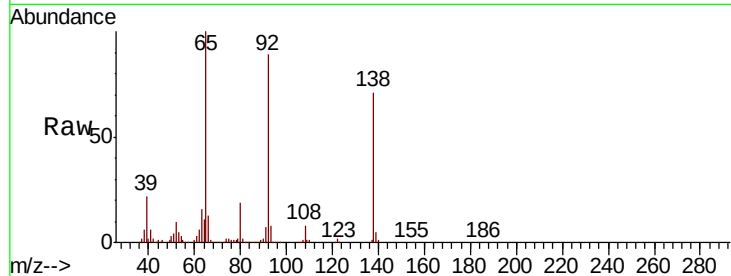




#53
3-Nitroaniline
Concen: 40.820 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

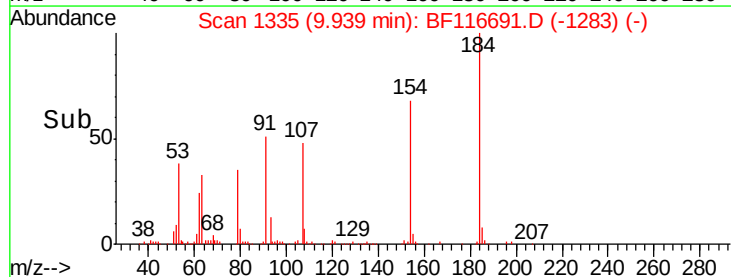
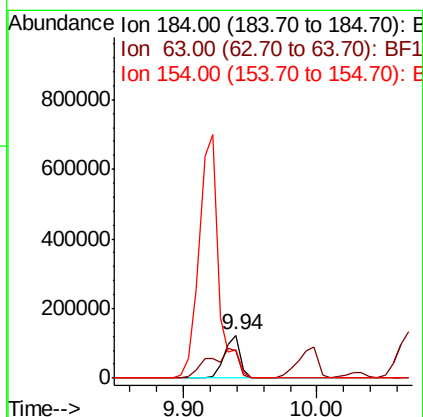
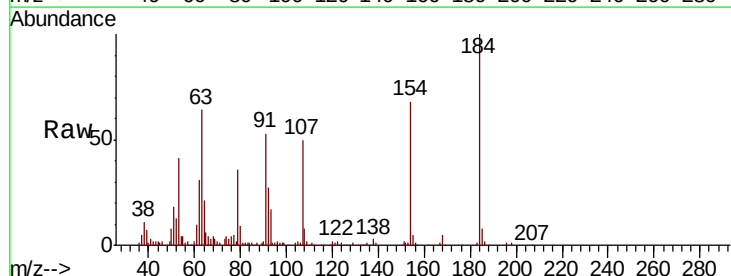
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

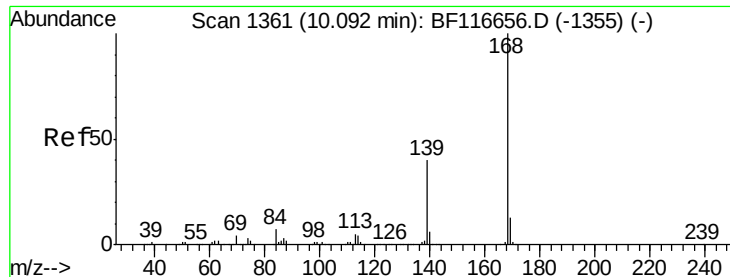
Tot Ion:138 Resp: 150010
Ion Ratio Lower Upper
138 100
108 11.4 8.5 12.7
92 126.0 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 98.254 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:184 Resp: 104652
Ion Ratio Lower Upper
184 100
63 63.7 52.2 78.2
154 68.2 60.8 91.2





#55

Dibenzofuran

Concen: 55.066 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampled :

T4-S-CMS

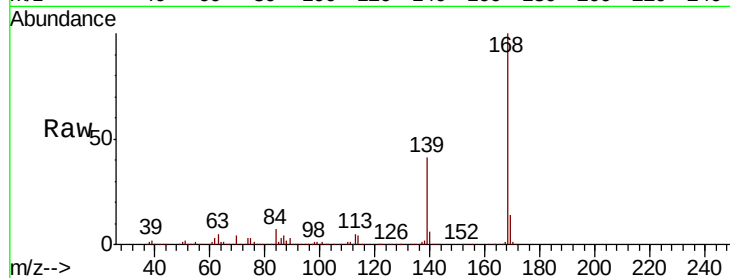
Tot Ion:168 Resp: 964663

Ion Ratio Lower Upper

168 100

139 41.2 31.5 47.3

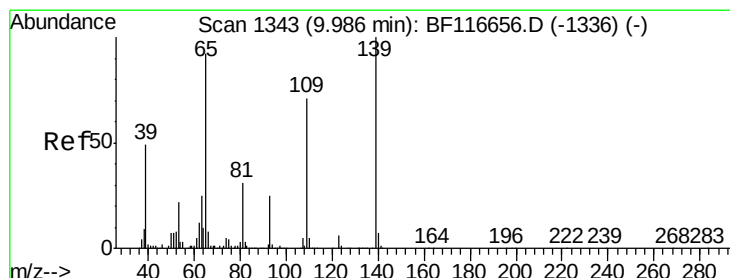
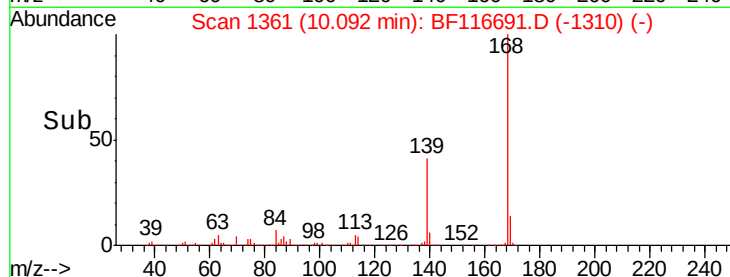
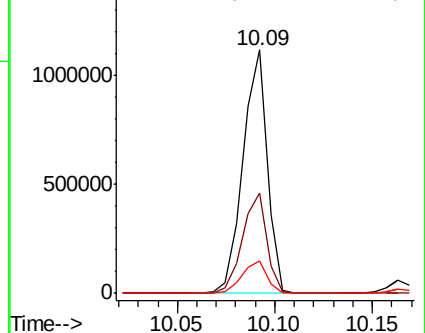
169 13.5 10.3 15.5



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: 135.908 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

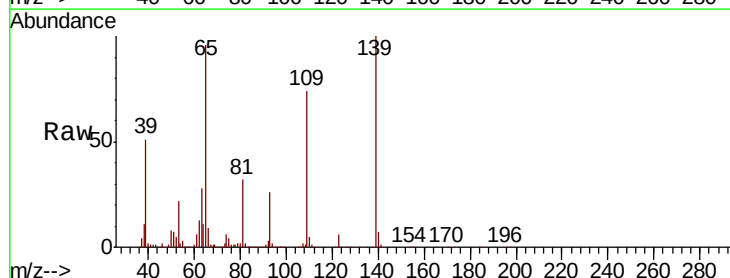
Tgt Ion:139 Resp: 342458

Ion Ratio Lower Upper

139 100

109 73.9 61.7 101.7

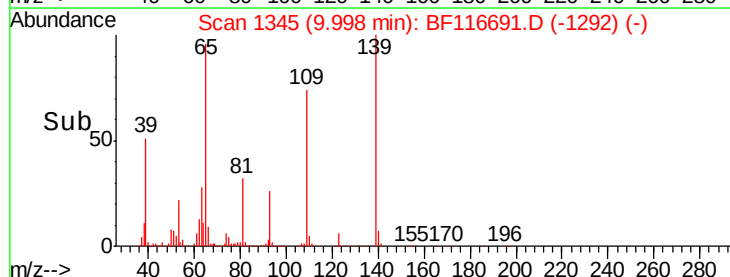
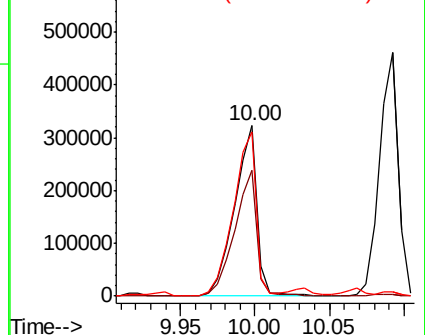
65 96.2 89.1 129.1

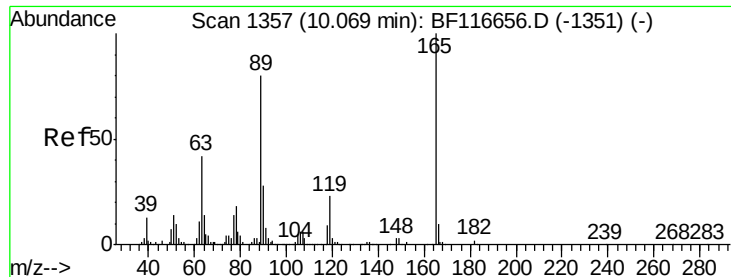


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 69.543 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

Tot Ion:165 Resp: 249353

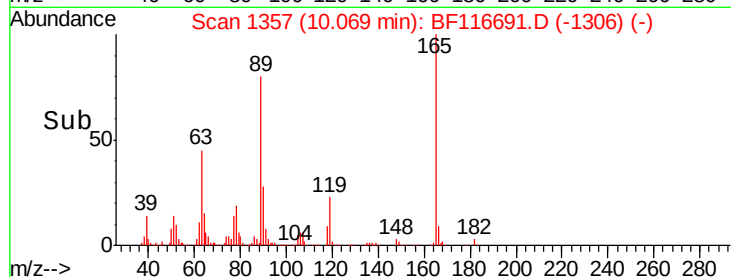
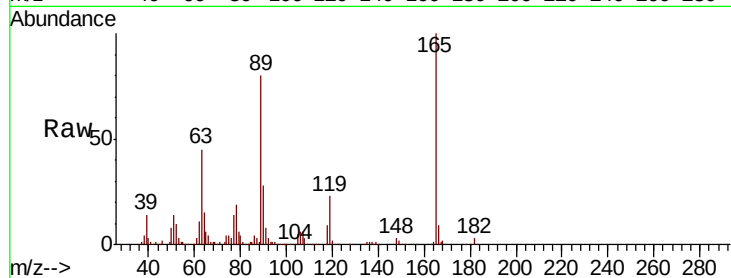
Ion Ratio Lower Upper

165 100

63 44.9 36.4 54.6

89 80.0 62.6 94.0

182 2.5 2.1 3.1

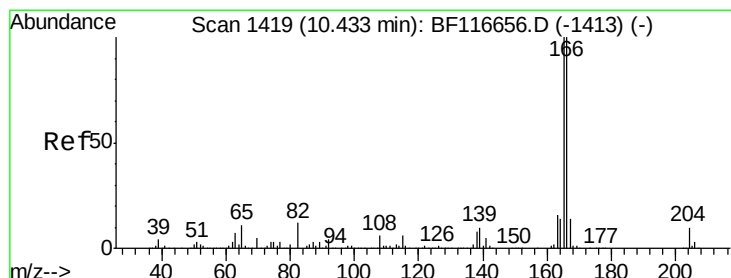
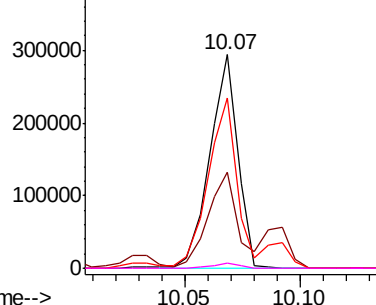


Abundance Ion 165.00 (164.70 to 165.70): E

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: 56.875 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

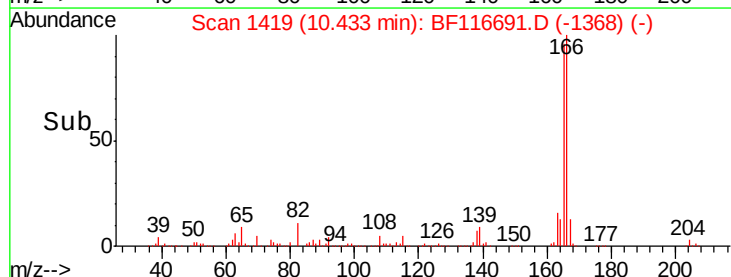
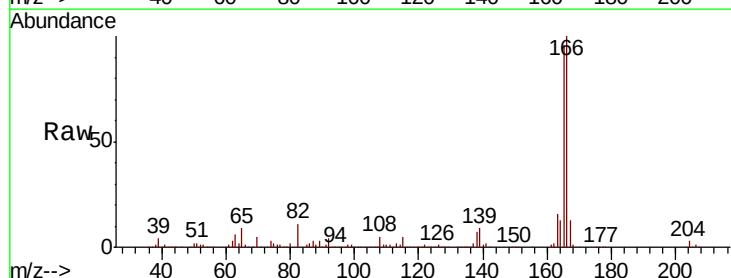
Tgt Ion:166 Resp: 759186

Ion Ratio Lower Upper

166 100

165 96.5 78.8 118.2

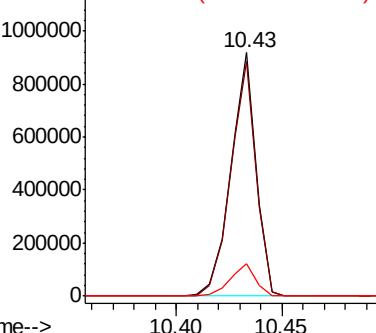
167 13.1 10.0 15.0

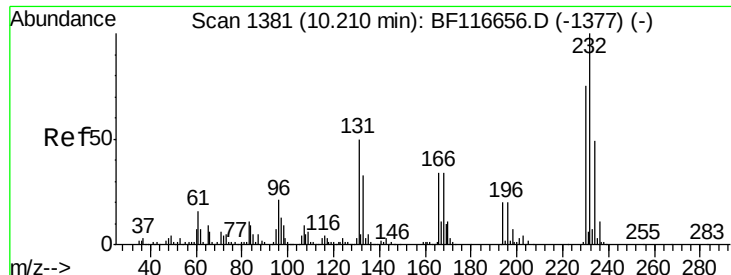


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

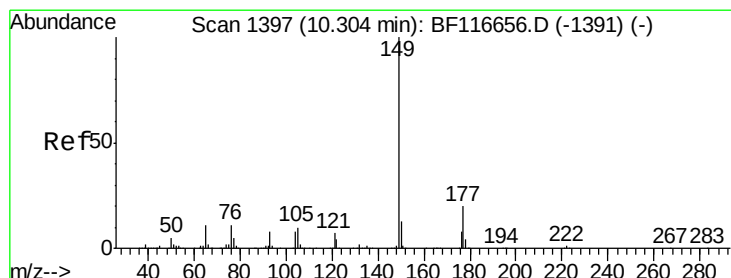
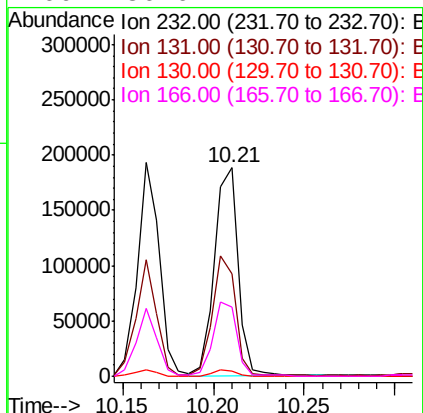
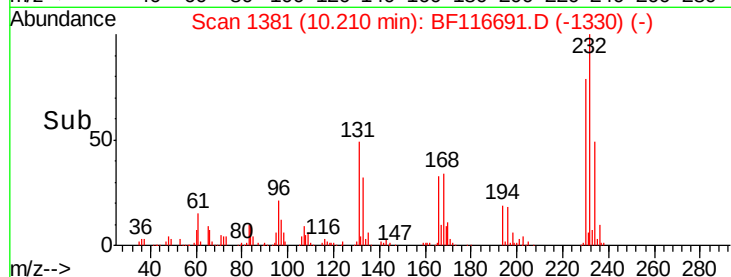
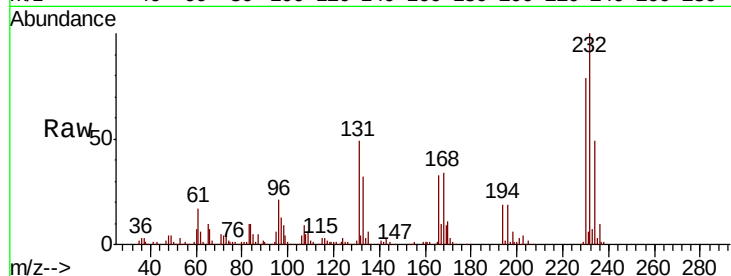




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.338 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

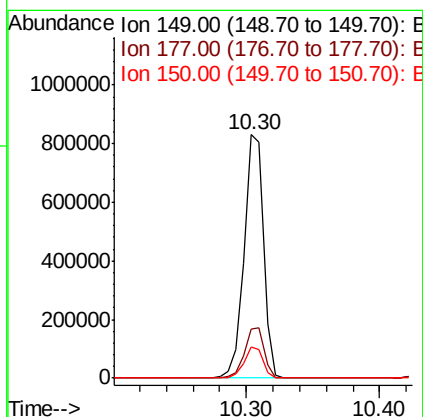
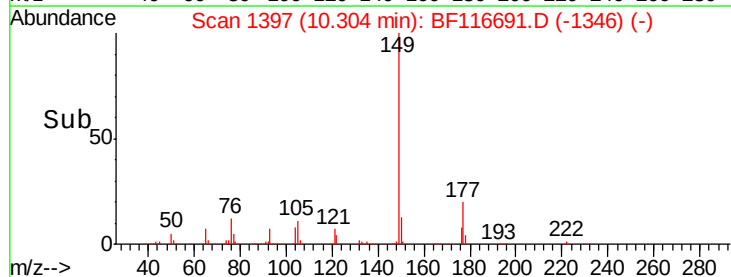
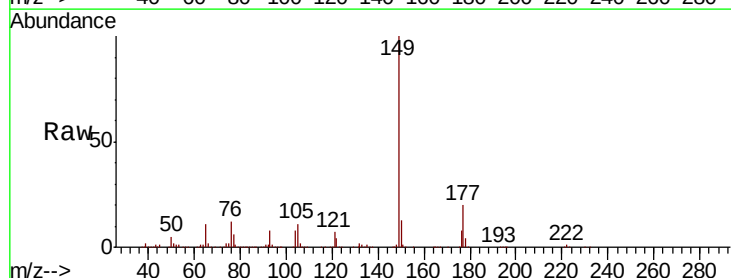
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

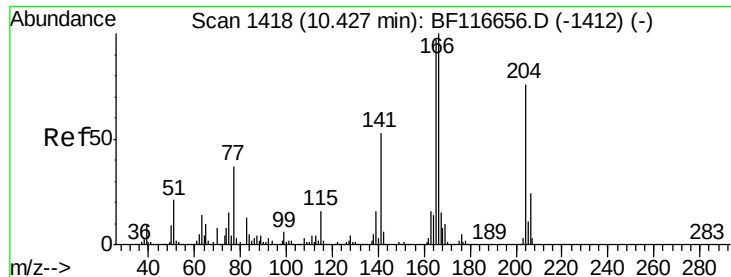
Tot Ion	Ratio	Lower	Upper
232	100		
131	56.5	42.7	64.1
130	2.9	1.9	2.9#
166	36.6	27.4	41.2



#60
Diethylphthalate
Concen: 53.839 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.2	25.8
150	12.7	9.7	14.5

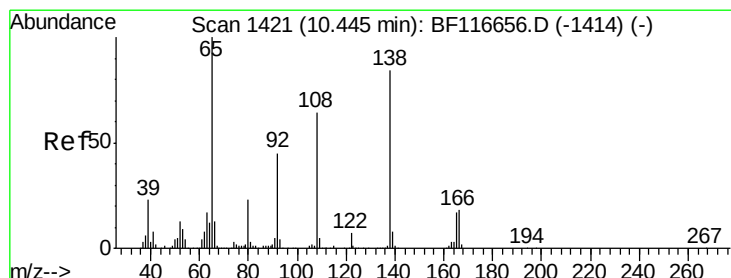
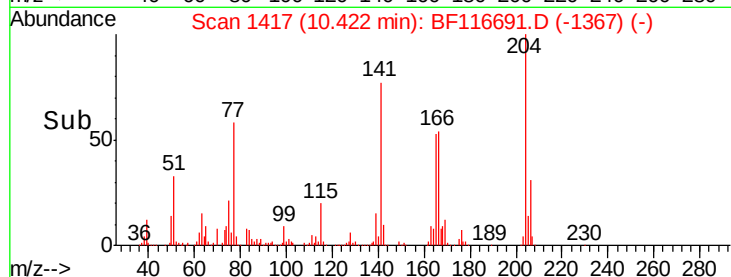
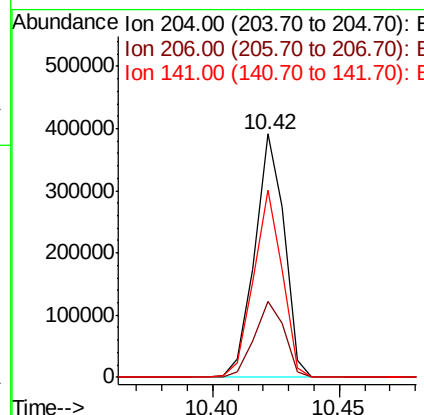
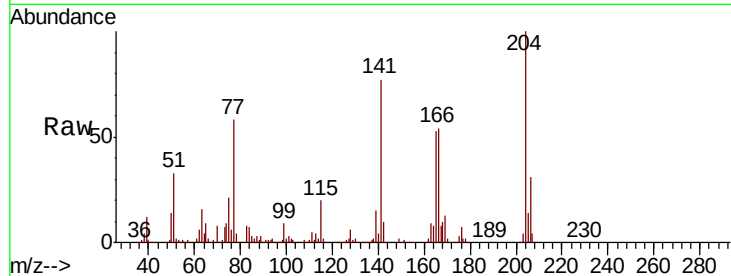




#61
4-Chlorophenyl-phenylether
Concen: 54.117 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

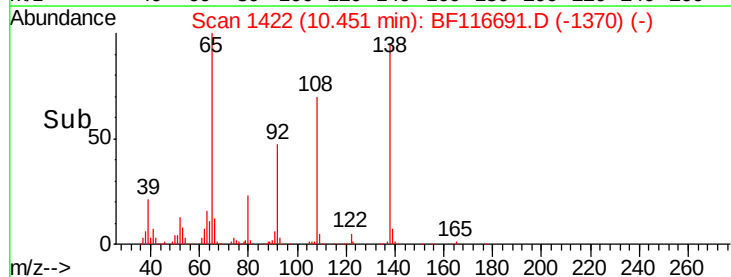
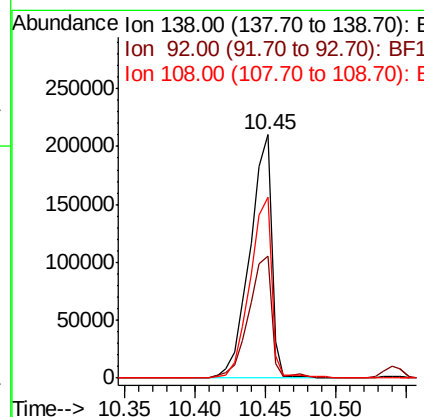
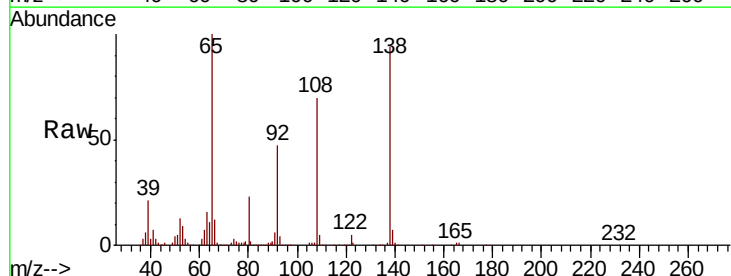
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

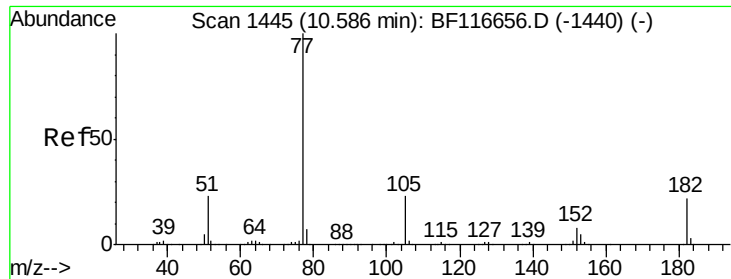
Tot Ion:204 Resp: 316321
Ion Ratio Lower Upper
204 100
206 31.3 25.4 38.2
141 77.1 53.8 80.8



#62
4-Nitroaniline
Concen: 64.161 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:138 Resp: 228819
Ion Ratio Lower Upper
138 100
92 49.9 28.7 68.7
108 74.3 60.4 100.4





#63

Azobenzene

Concen: 55.926 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

Tot Ion: 77 Resp: 897797

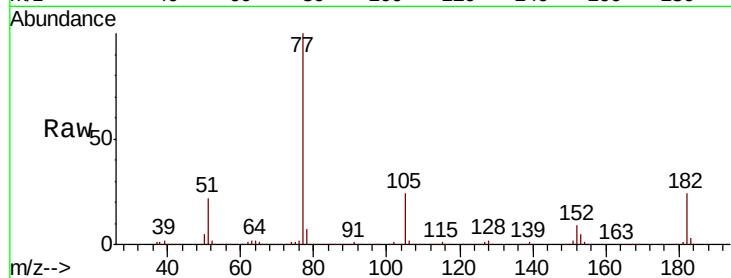
Ion Ratio Lower Upper

77 100

182 23.7 1.2 41.2

105 23.6 0.6 40.6

51 22.0 8.2 48.2

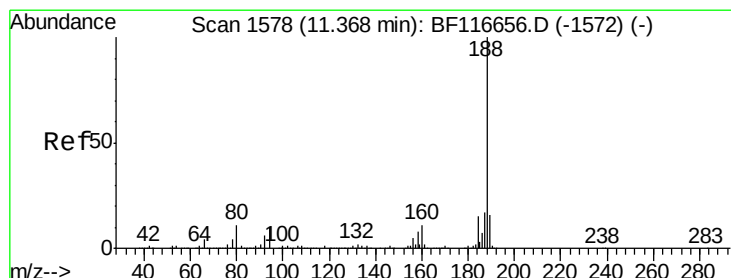
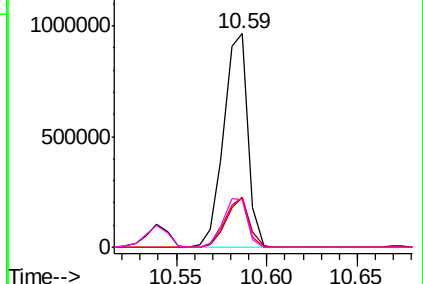
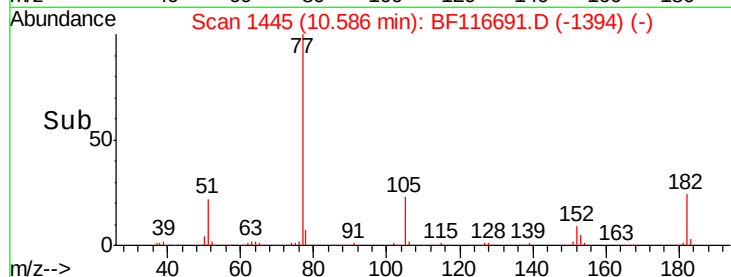


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

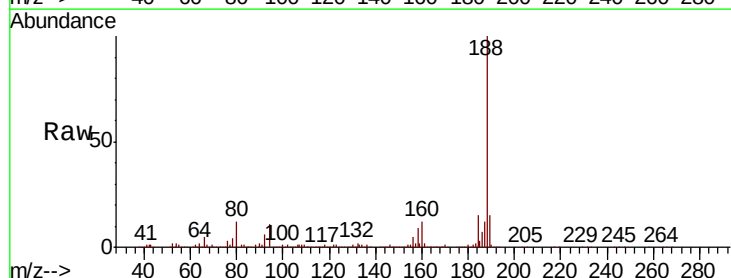
Tgt Ion: 188 Resp: 377815

Ion Ratio Lower Upper

188 100

94 11.4 7.3 10.9#

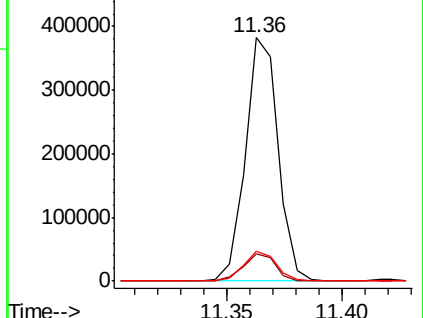
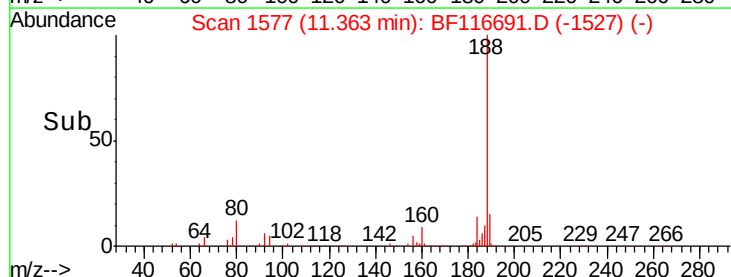
80 12.3 8.4 12.6

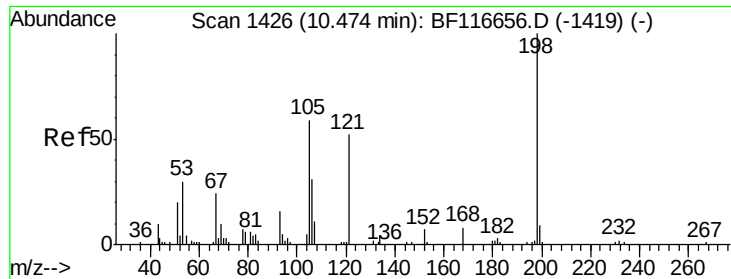


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

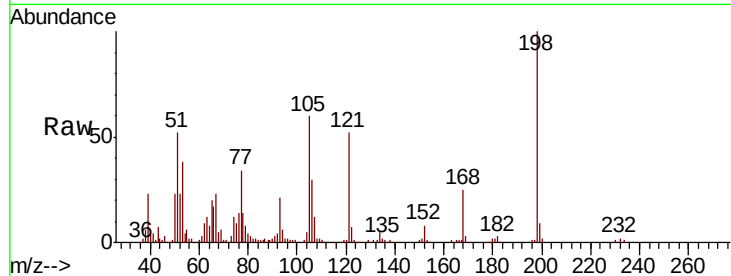




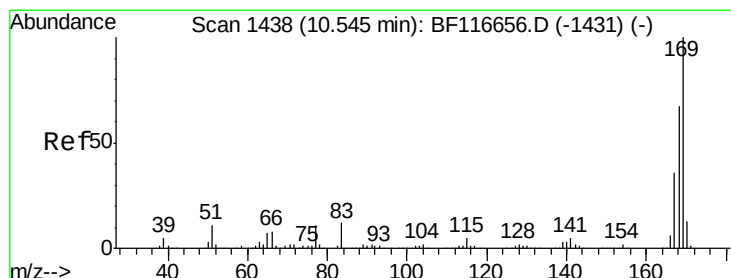
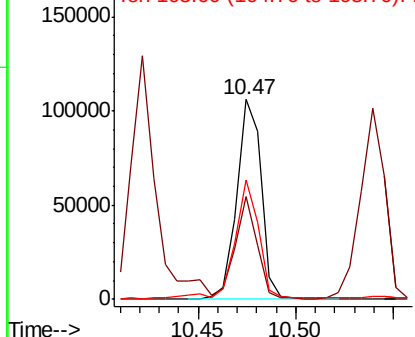
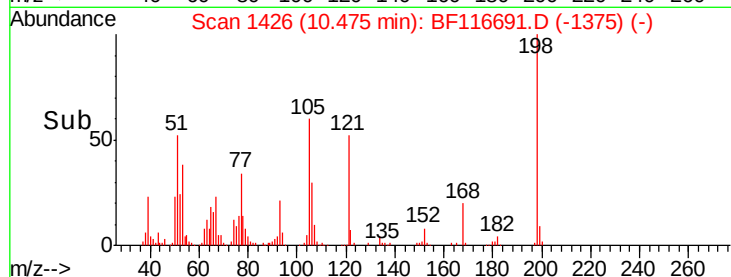
#65
4,6-Dinitro-2-methylphenol
Concen: 63.222 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.6	18.4	58.4
105	59.5	22.9	62.9

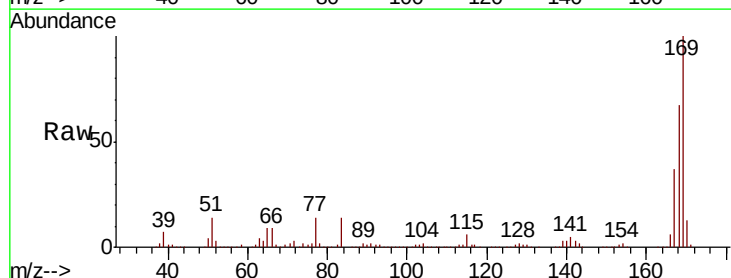


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

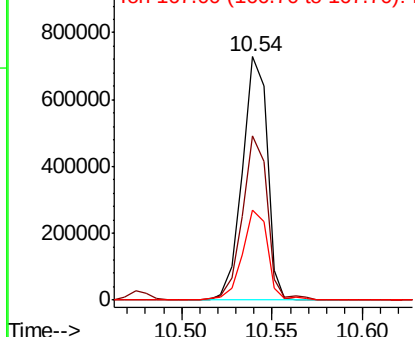
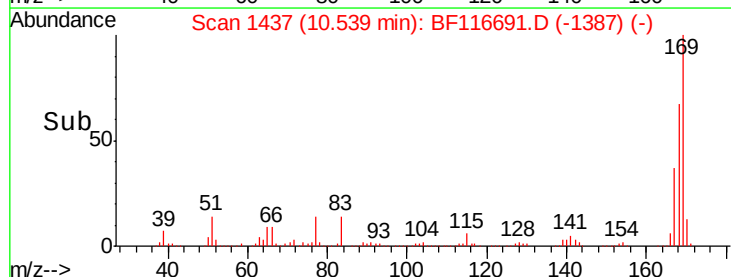


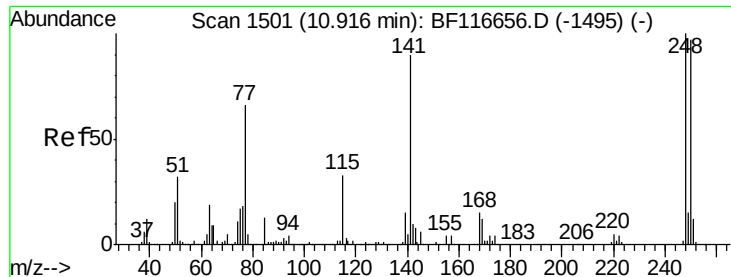
#66
n-Nitrosodiphenylamine
Concen: 53.090 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.8	83.6
167	36.8	29.4	44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

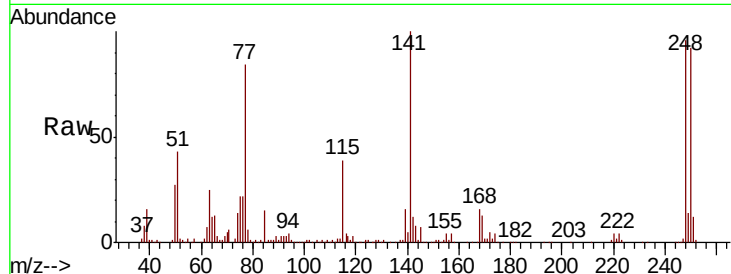




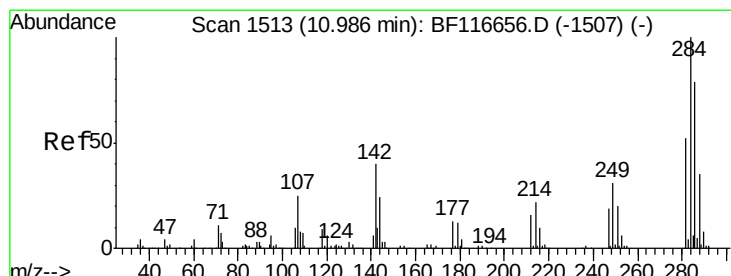
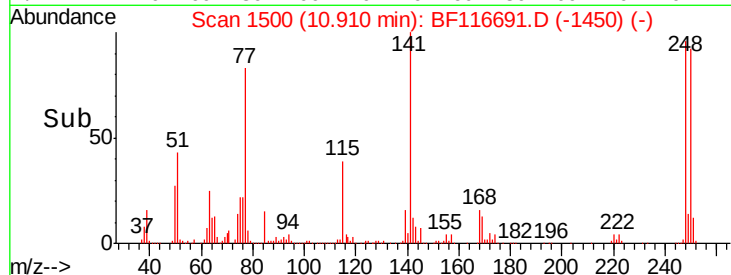
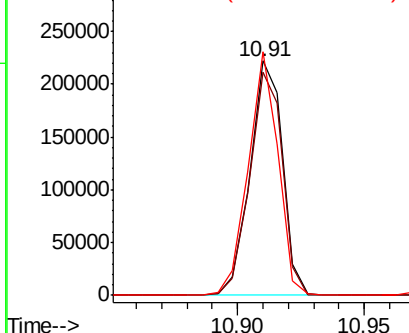
#67
 4-Bromophenyl-phenylether
 Concen: 51.545 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.8	116.8
141	104.0	75.9	113.9

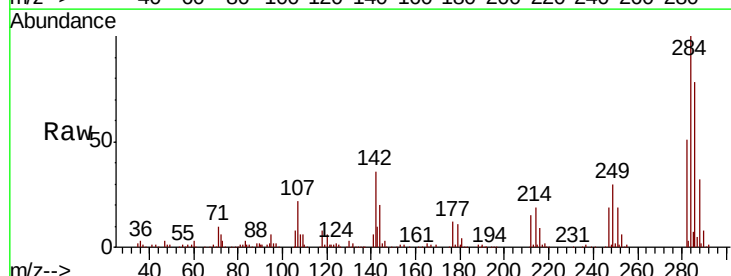


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

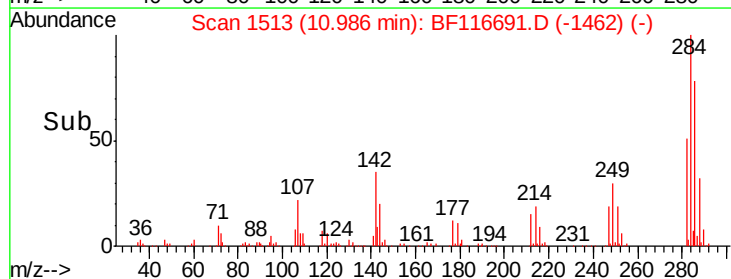
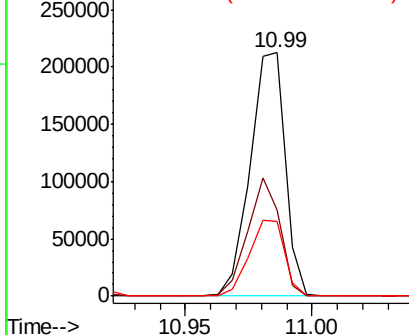


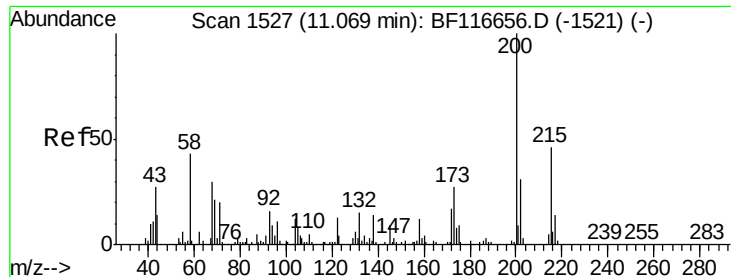
#68
 Hexachlorobenzene
 Concen: 51.225 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	34.0	51.0
249	30.5	26.4	39.6



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: 55.235 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

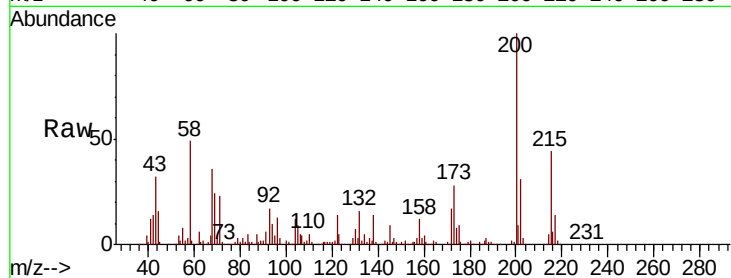
Tot Ion:200 Resp: 202189

Ion Ratio Lower Upper

200 100

173 28.2 6.2 46.2

215 44.1 24.3 64.3

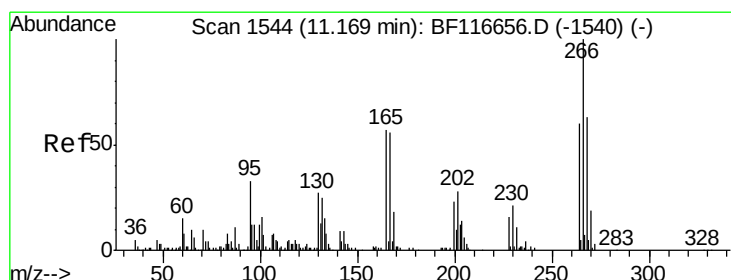
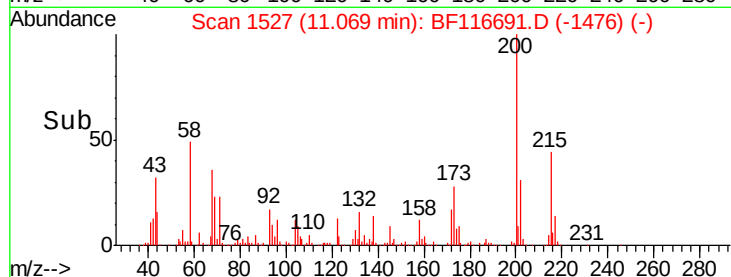
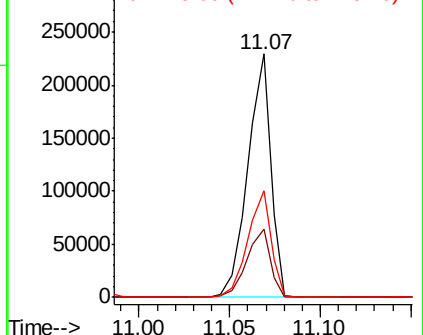


Abundance

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: 110.683 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

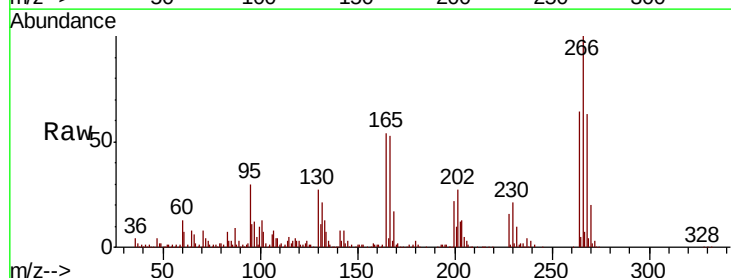
Tgt Ion:266 Resp: 215008

Ion Ratio Lower Upper

266 100

268 63.3 51.2 76.8

264 64.5 51.9 77.9

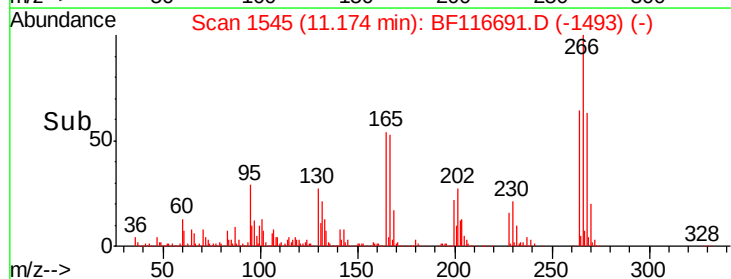
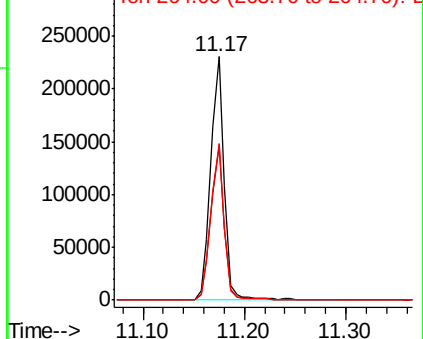


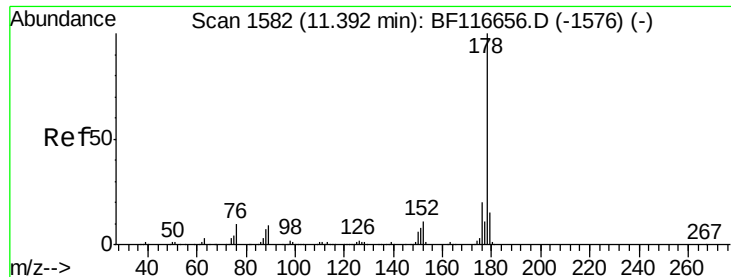
Abundance

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

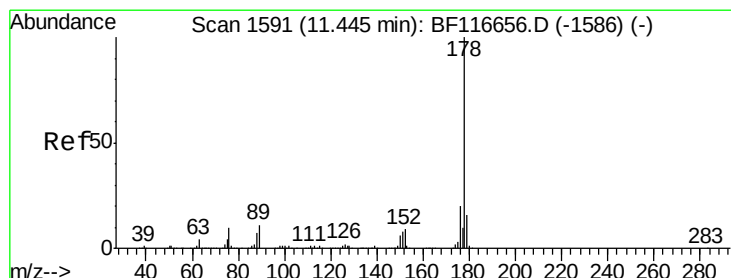
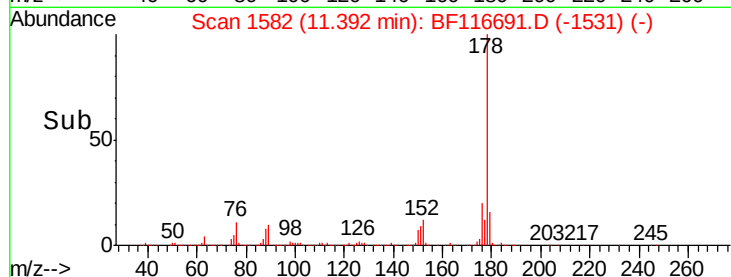
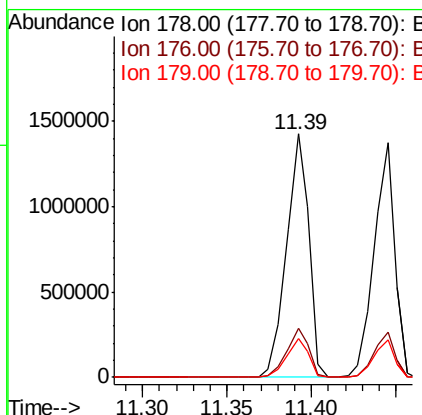
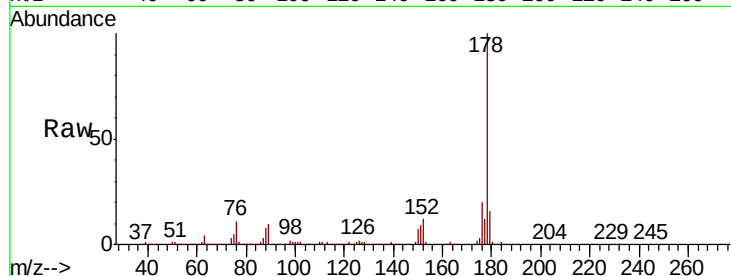




#71
Phenanthrene
Concen: 62.796 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

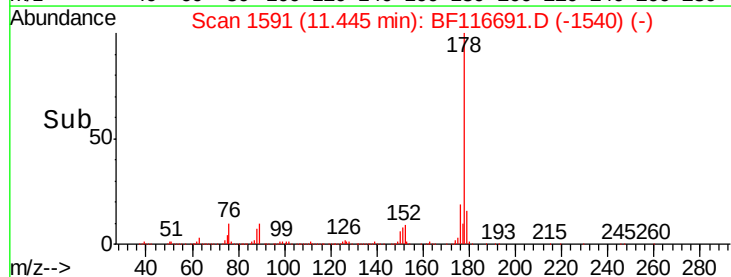
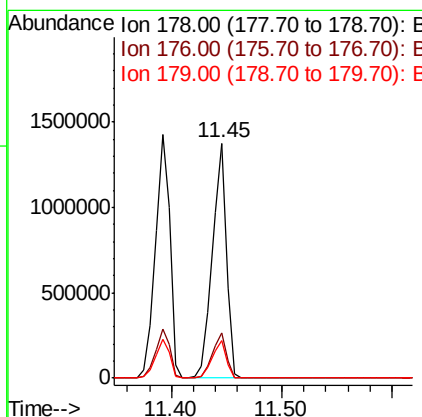
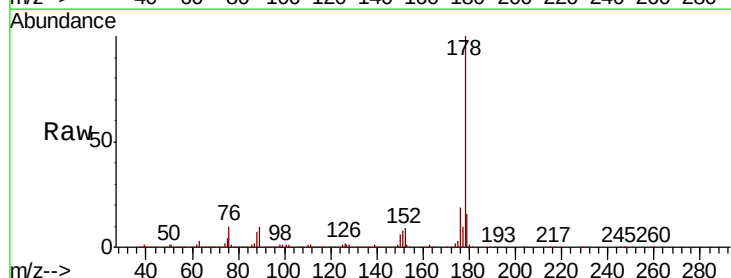
Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

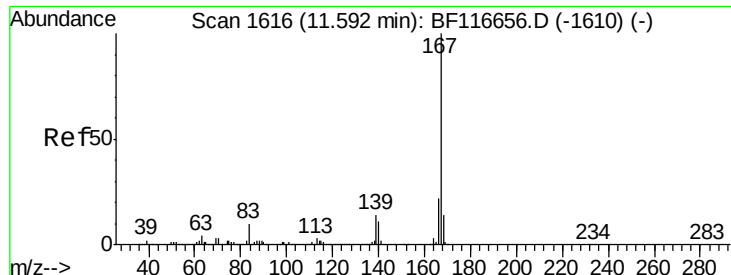
Tot Ion:178 Resp: 1320692
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 15.7 12.2 18.2



#72
Anthracene
Concen: 56.052 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:178 Resp: 1186687
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.5 18.7



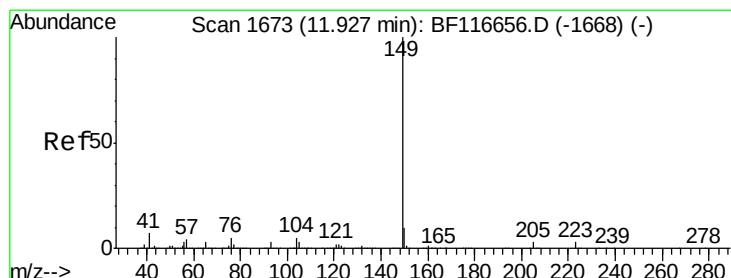
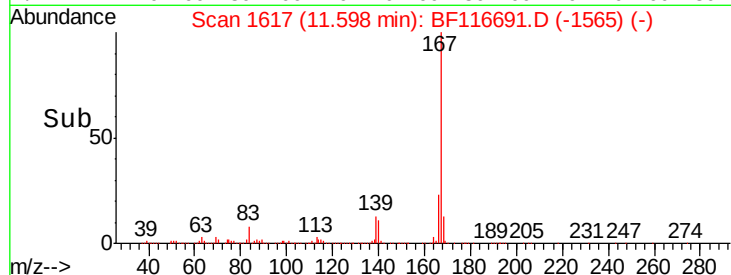
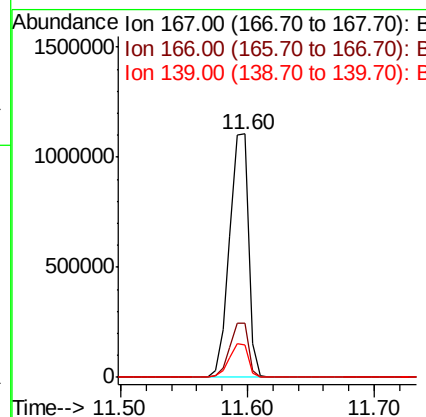
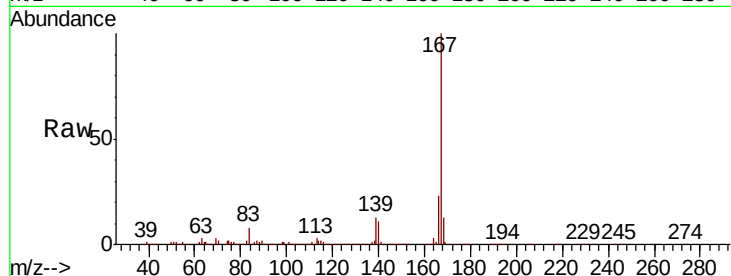


#73
 Carbazole
 Concen: 57.296 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Instrument :
 BNA_F
 ClientSampled :
 T4-S-CMS

Tot Ion:167 Resp: 1155487

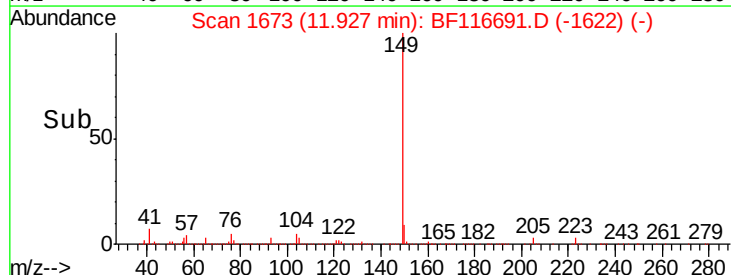
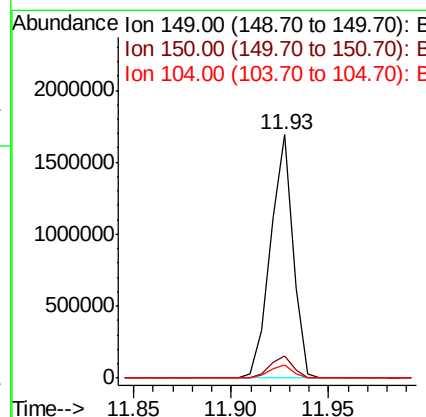
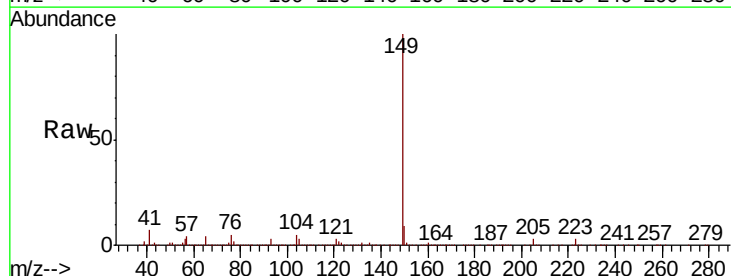
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.4	11.1	16.7

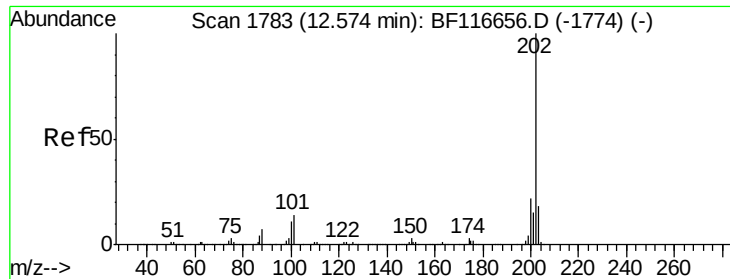


#74
 Di-n-butylphthalate
 Concen: 52.278 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion:149 Resp: 1351574

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 71.213 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

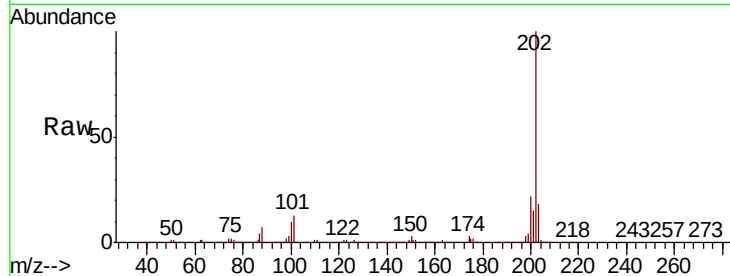
Tot Ion:202 Resp: 1471892

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.3

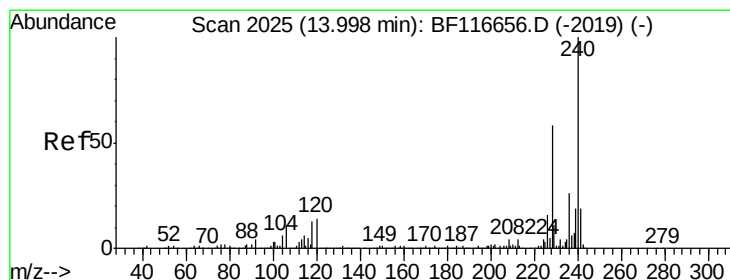
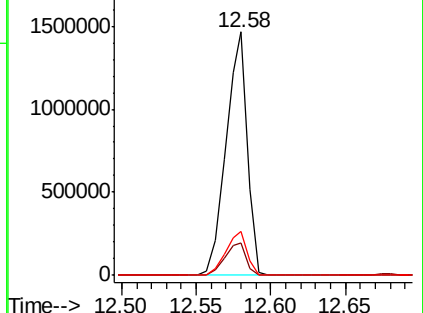
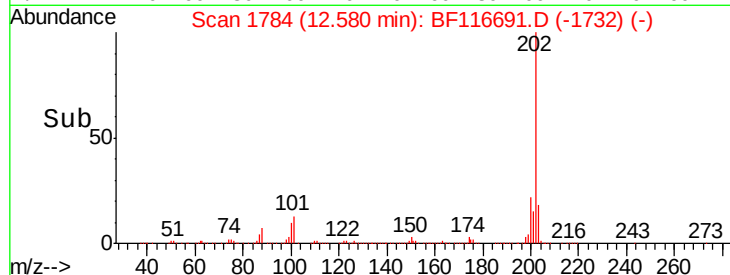
203 17.9 0.0 37.6



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: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

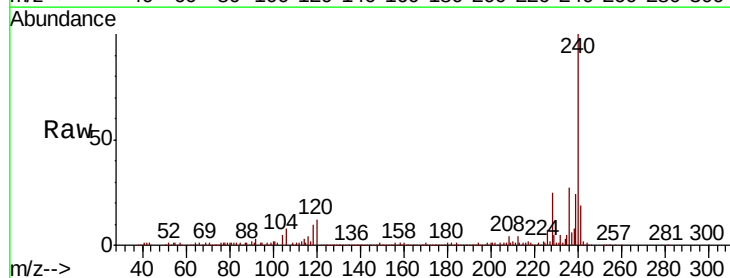
Tgt Ion:240 Resp: 284885

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

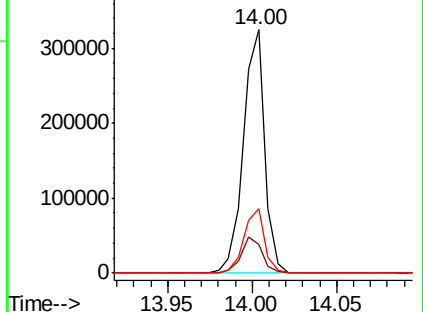
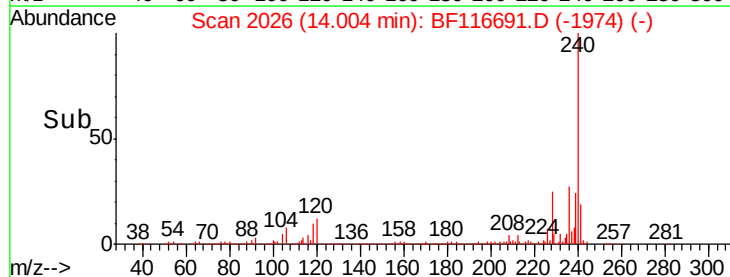
236 26.6 21.1 31.7

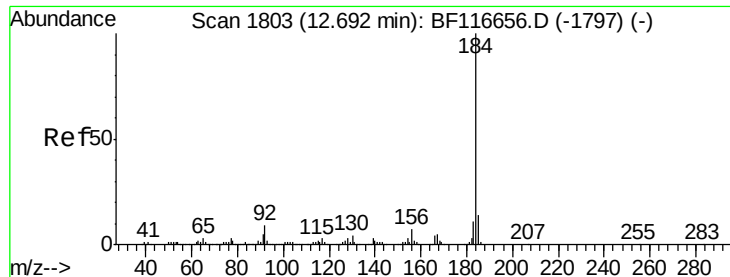


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.838 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

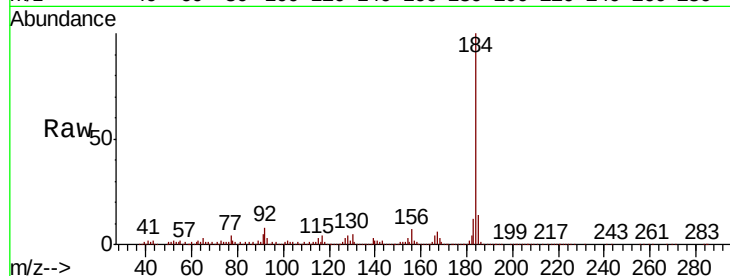
Tot Ion:184 Resp: 489840

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

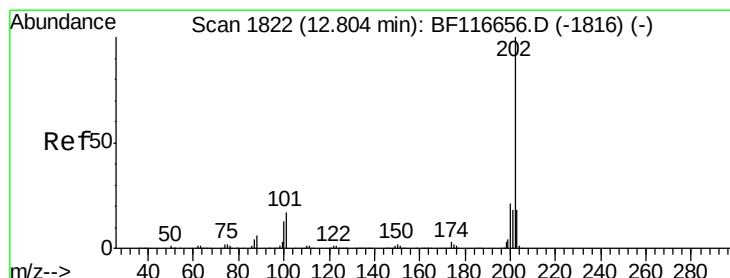
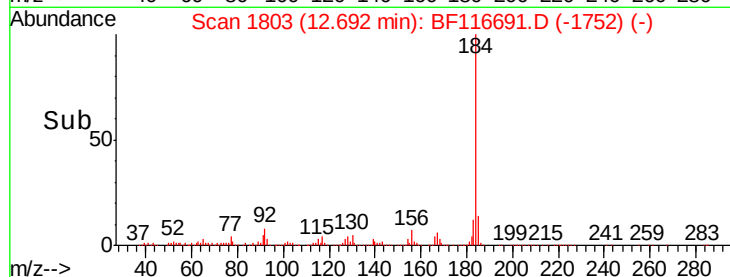
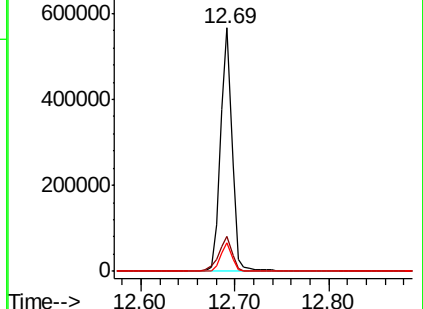
183 11.9 9.2 13.8



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: 57.450 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

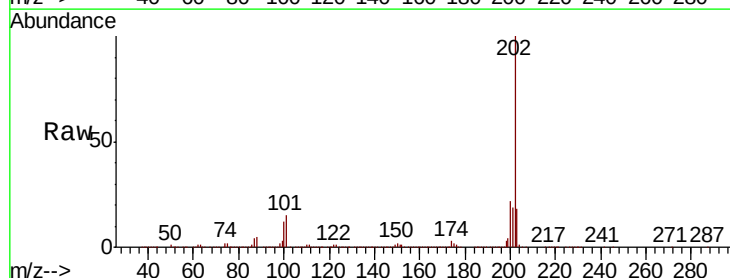
Tgt Ion:202 Resp: 1454882

Ion Ratio Lower Upper

202 100

200 21.8 16.5 24.7

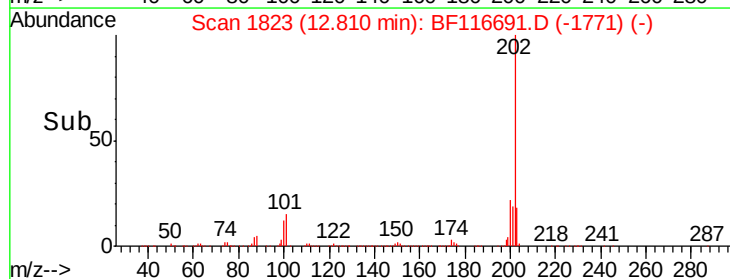
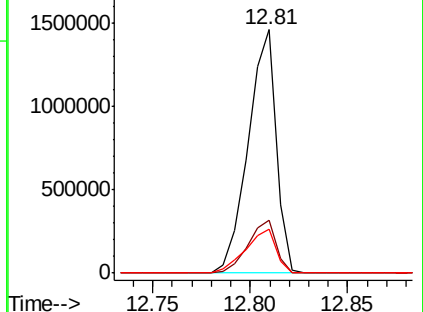
203 17.9 13.7 20.5

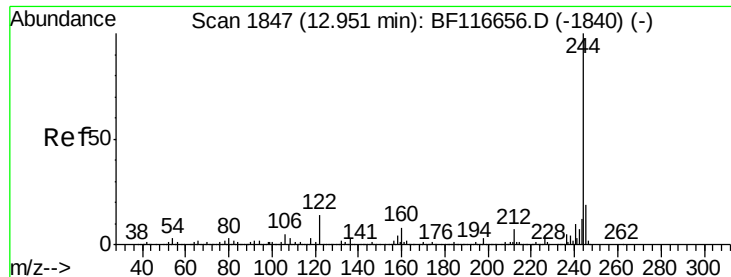


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.819 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

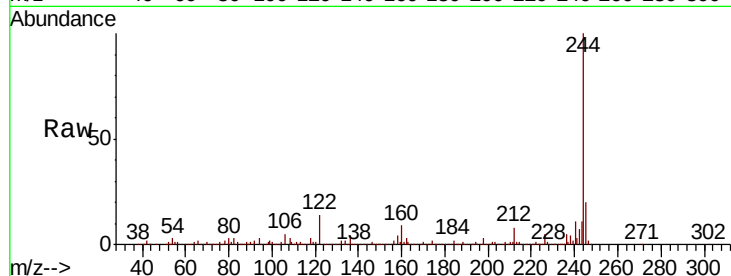
Tot Ion:244 Resp: 936595

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

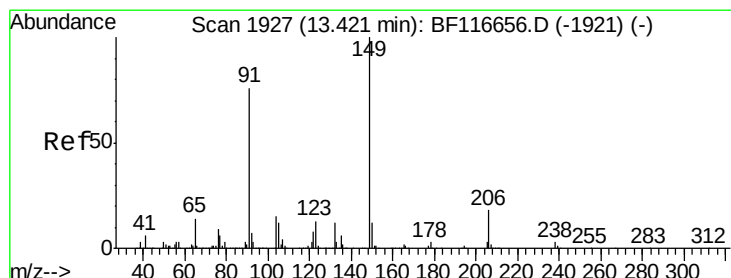
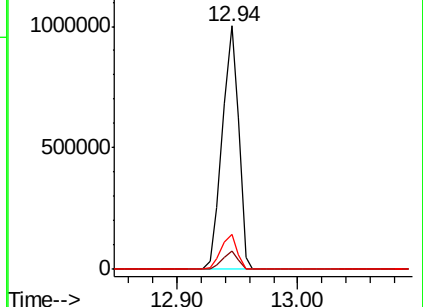
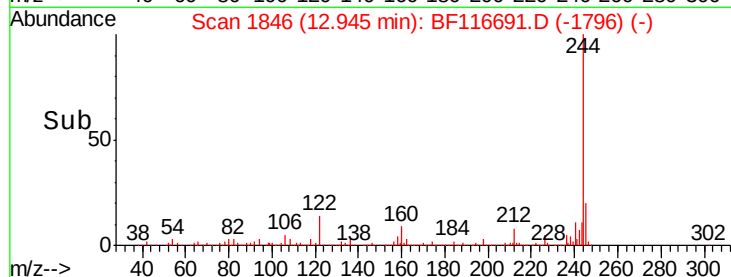
122 14.5 10.2 15.4



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: 51.369 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

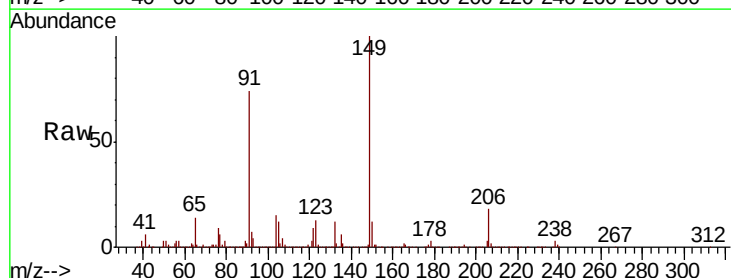
Tgt Ion:149 Resp: 632617

Ion Ratio Lower Upper

149 100

91 74.2 61.0 91.4

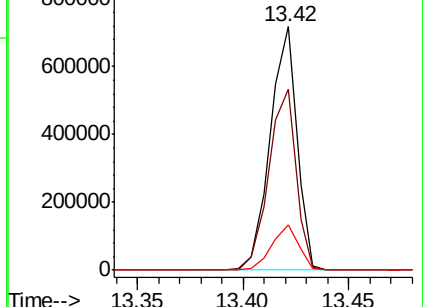
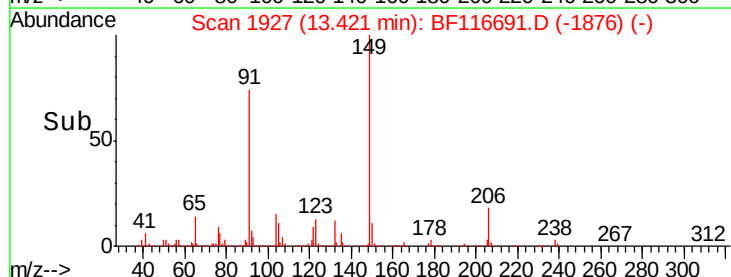
206 18.4 14.8 22.2

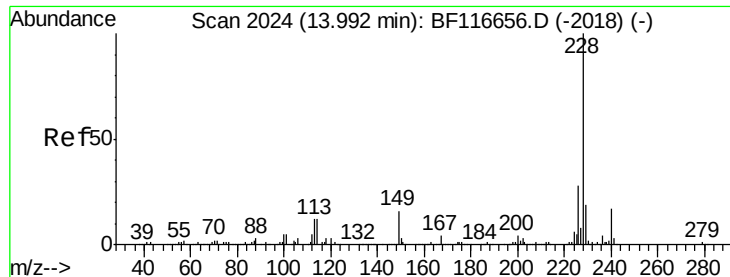


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.413 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

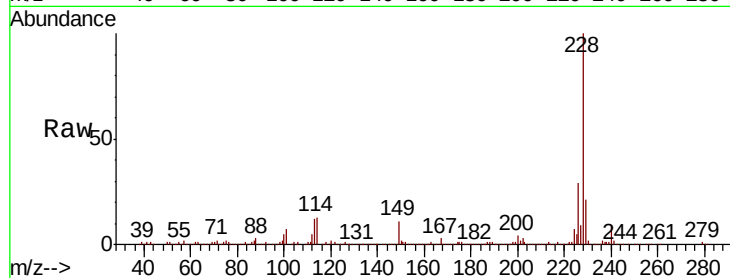
BNA_F

ClientSampleId :

T4-S-CMS

Tot Ion:228 Resp: 1089268

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.0	33.0
229	20.8	16.4	24.6

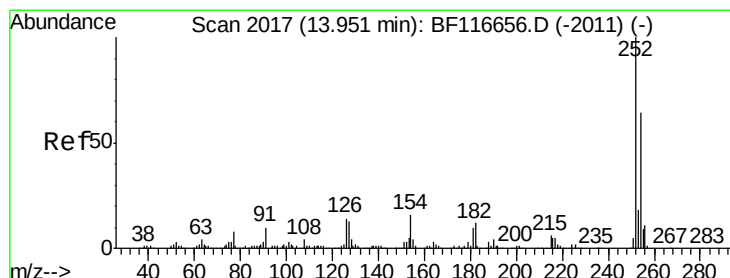
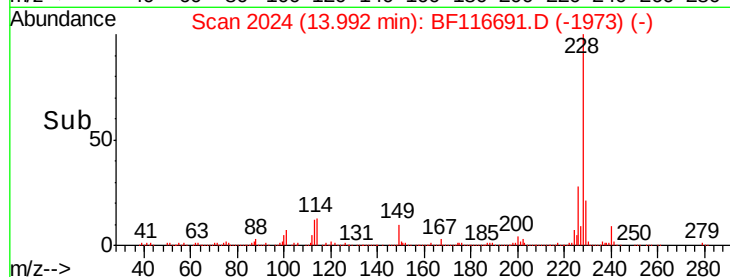
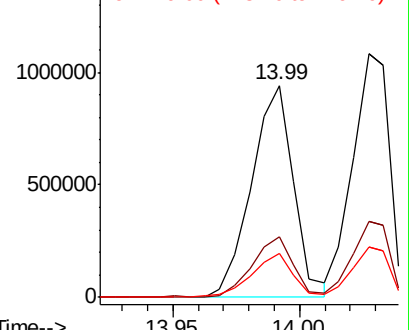


Abundance

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: 35.423 ng

RT: 13.95 min Scan# 2017

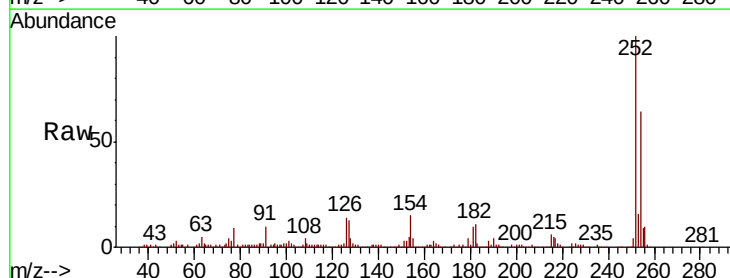
Delta R.T. 0.00 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Tgt Ion:252 Resp: 215838

Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.1	75.1
126	13.5	10.6	16.0

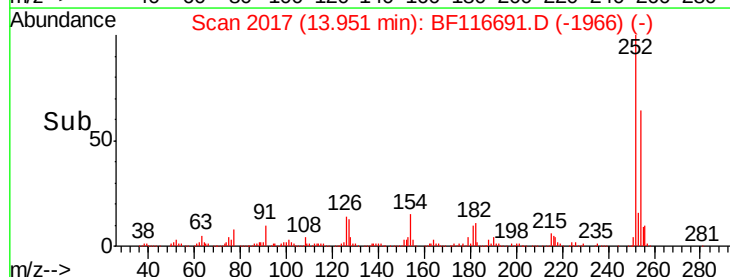
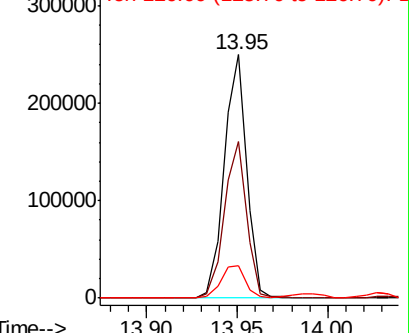


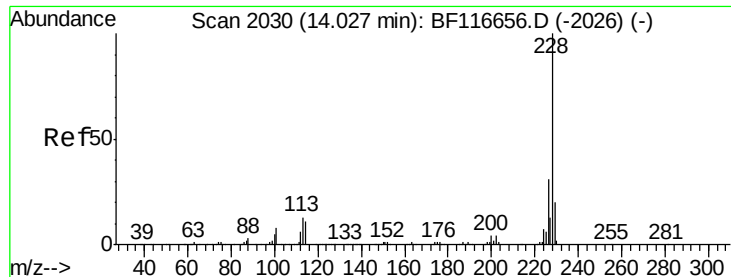
Abundance

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

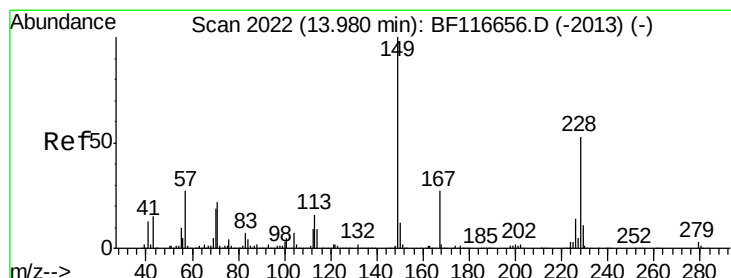
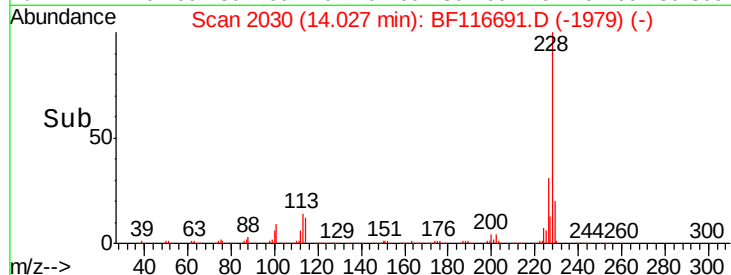
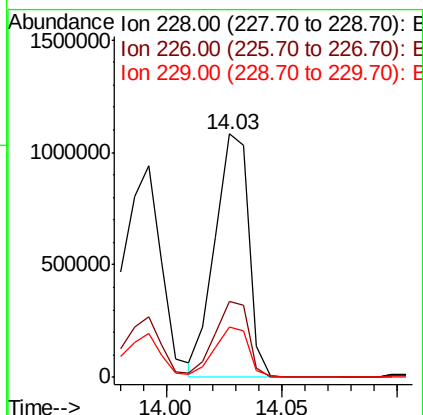
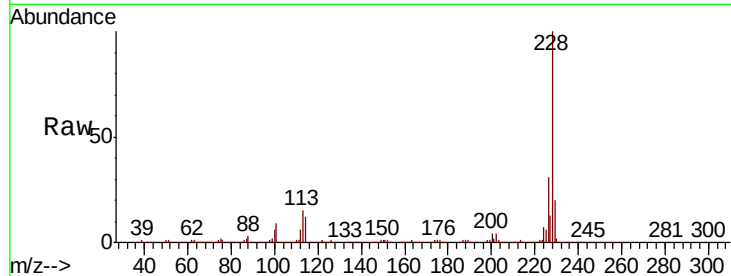




#83
 Chrysene
 Concen: 58.989 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

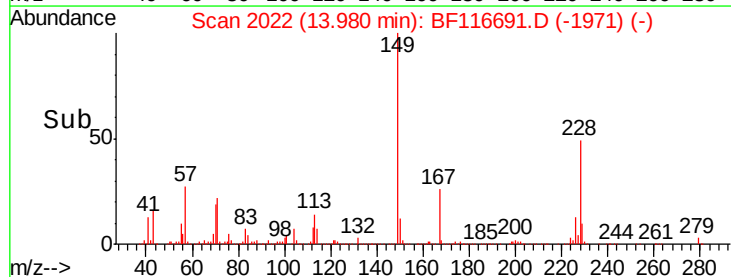
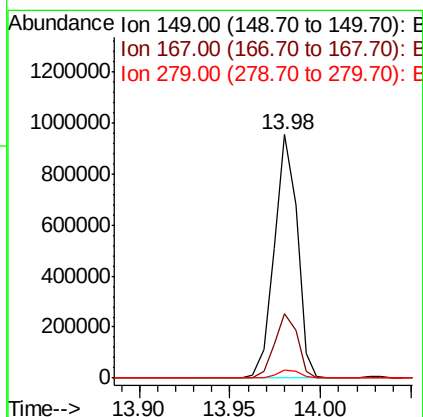
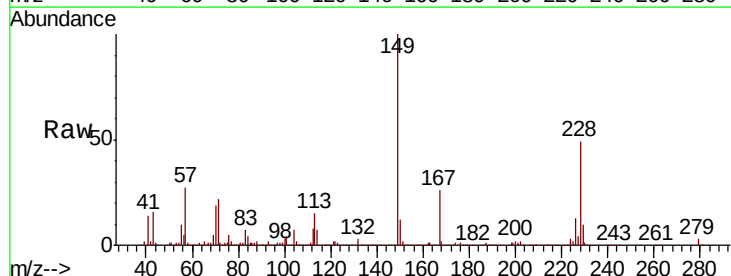
Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMS

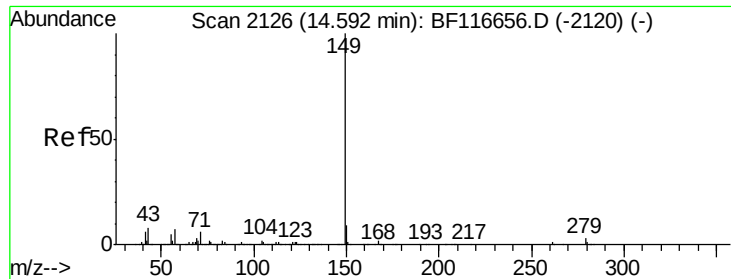
Tot Ion:228 Resp: 1095754
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.0 36.0
 229 20.5 15.4 23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.002 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116691.D
 Acq: 31 Aug 2019 11:35

Tgt Ion:149 Resp: 836147
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.1 2.8 4.2

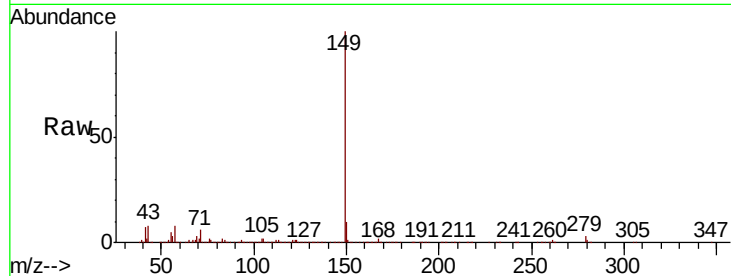




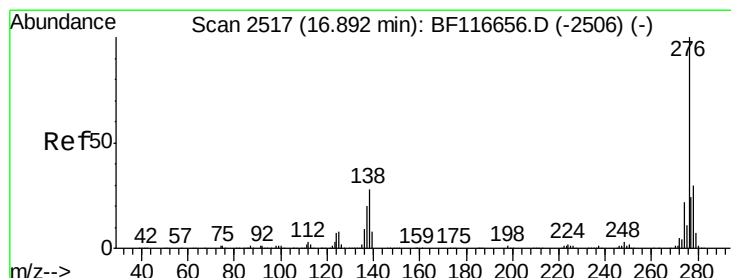
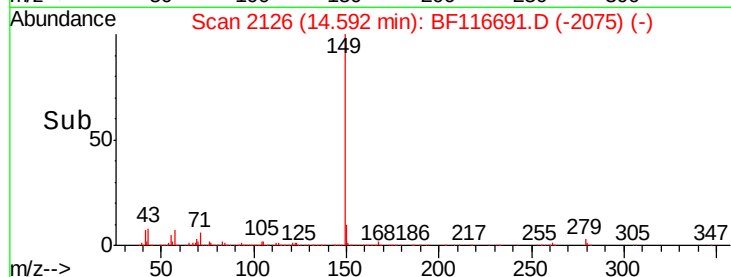
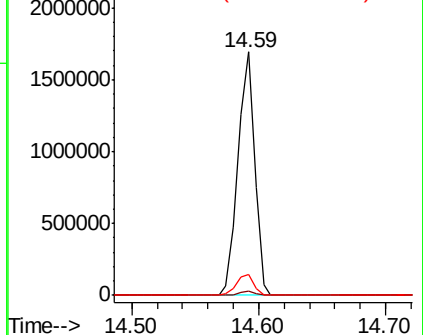
#85
Di-n-octyl phthalate
Concen: 61.453 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Tot Ion:149 Resp: 1528827
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.8 11.8

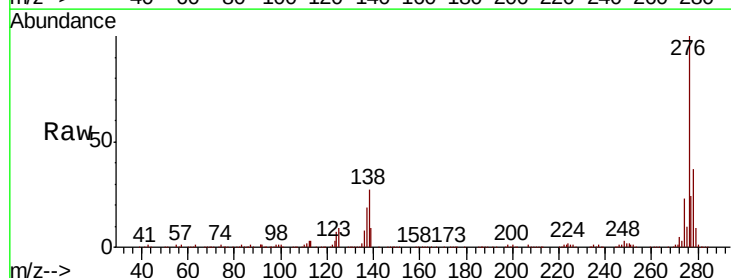


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

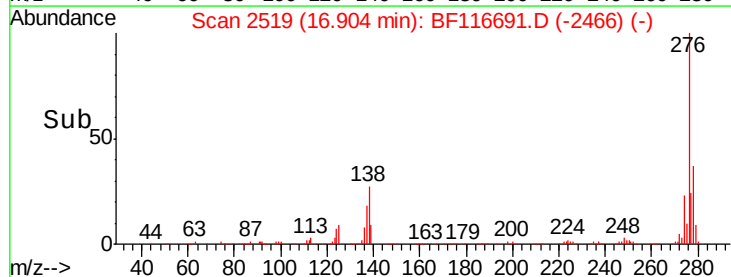
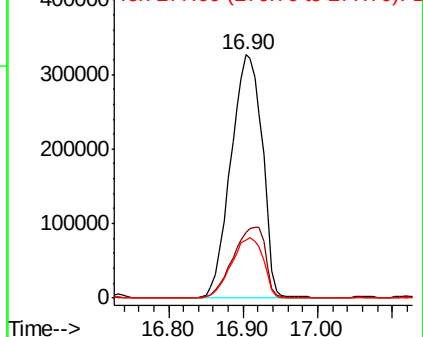


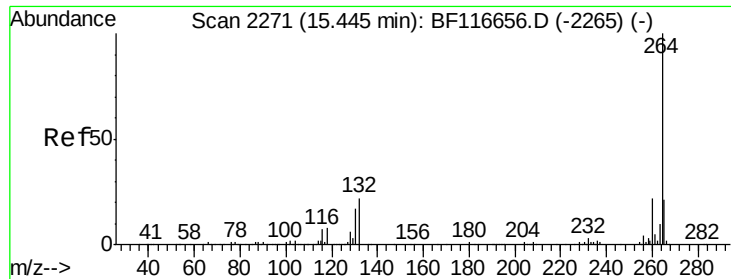
#86
Indeno(1,2,3-cd)pyrene
Concen: 63.768 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:276 Resp: 951438
Ion Ratio Lower Upper
276 100
138 30.0 19.4 29.2#
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

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

Instrument :

BNA_F

ClientSampleId :

T4-S-CMS

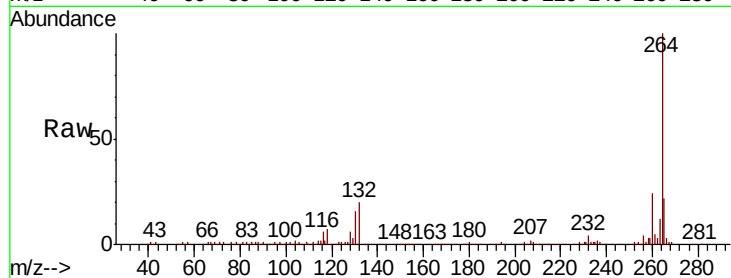
Tot Ion:264 Resp: 287671

Ion Ratio Lower Upper

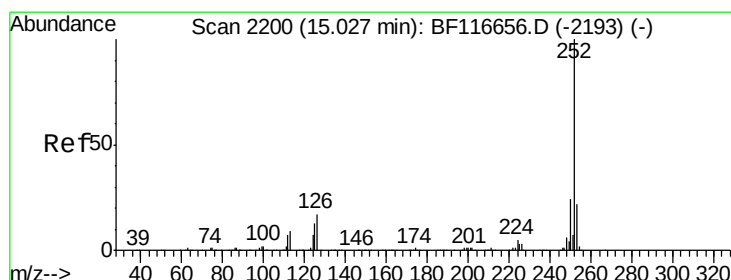
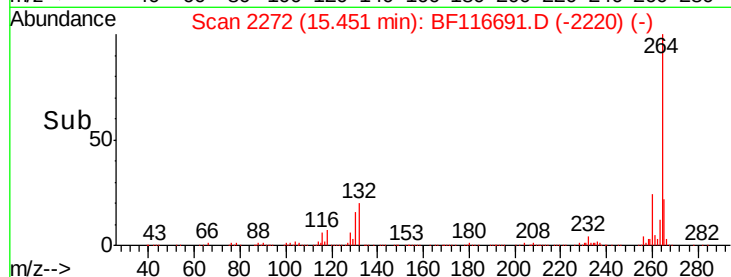
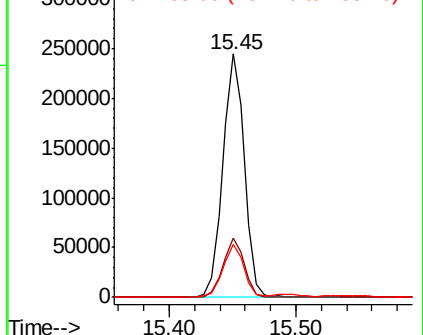
264 100

260 24.3 18.3 27.5

265 21.8 16.5 24.7



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: 63.618 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF116691.D

Acq: 31 Aug 2019 11:35

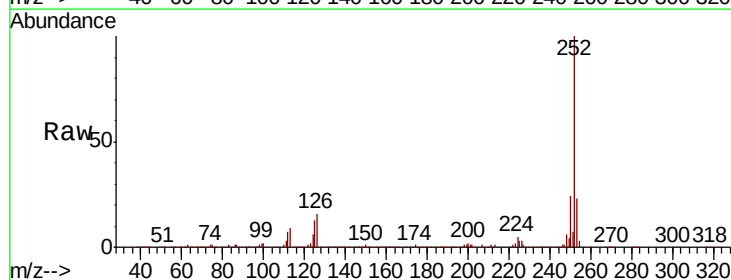
Tgt Ion:252 Resp: 1106446

Ion Ratio Lower Upper

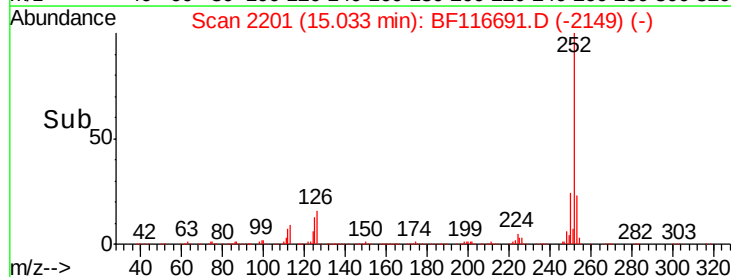
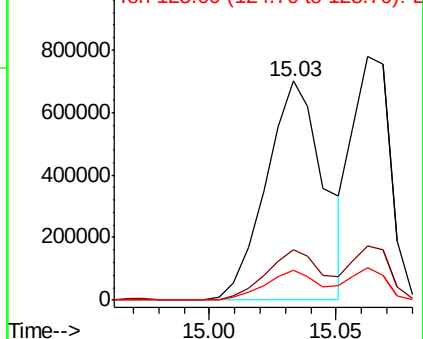
252 100

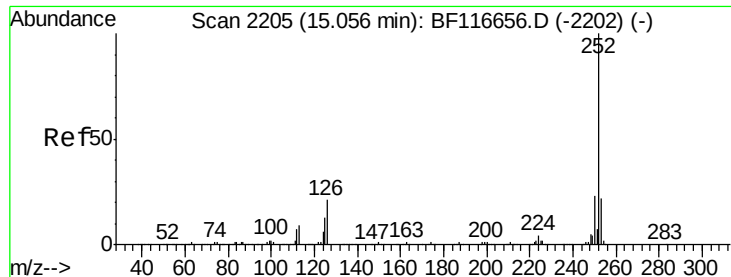
253 22.7 17.7 26.5

125 13.5 8.2 12.2#



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

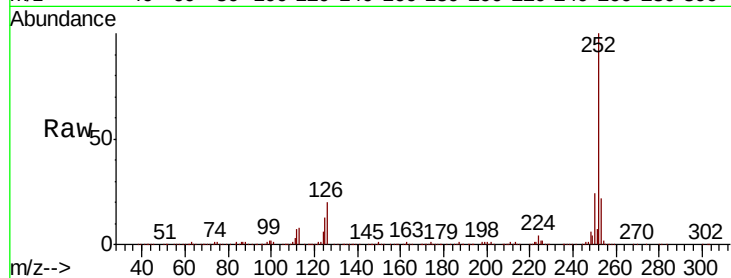




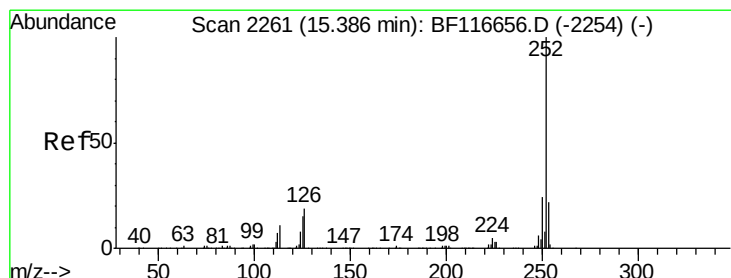
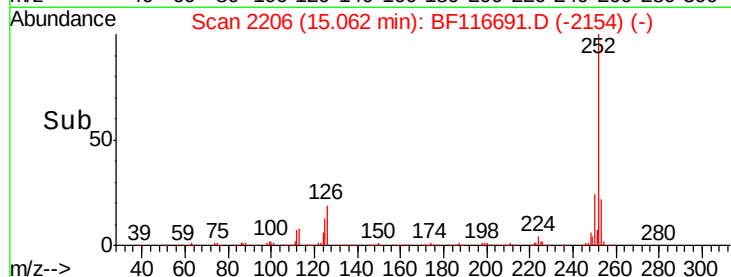
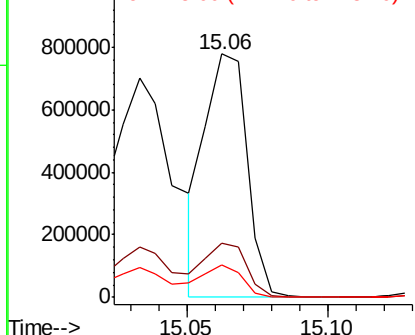
#89
Benzo(k)fluoranthene
Concen: 51.103 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Tot Ion:252 Resp: 810375
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 13.2 8.6 13.0#

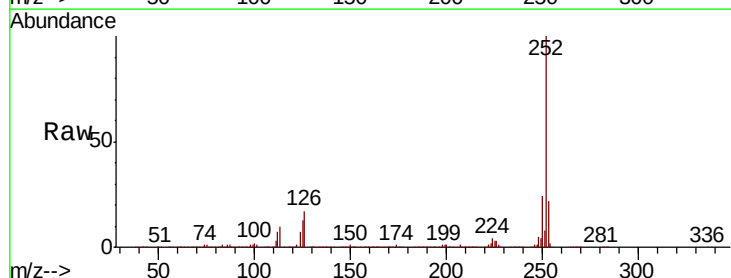


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

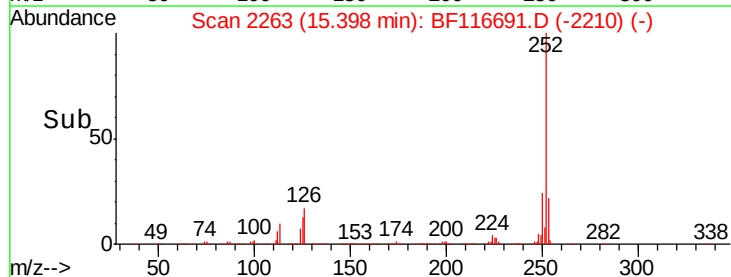
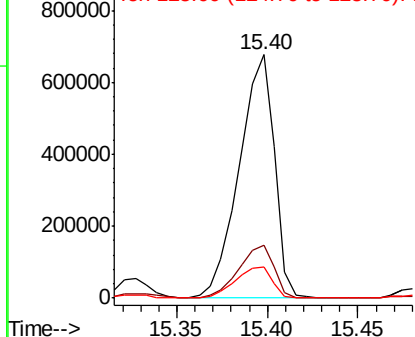


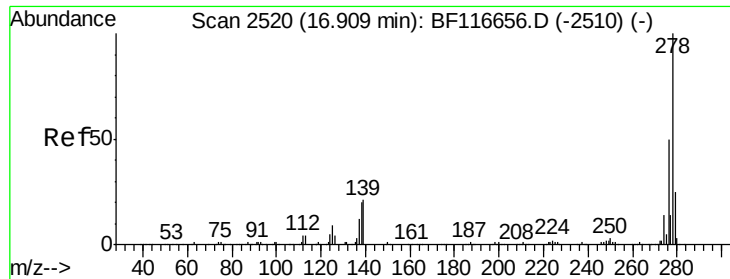
#90
Benzo(a)pyrene
Concen: 60.221 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion:252 Resp: 911231
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 13.0 9.8 14.8



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

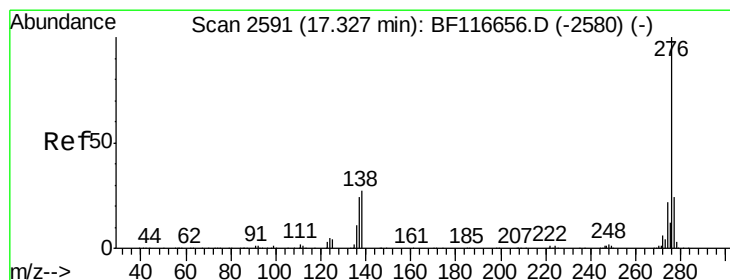
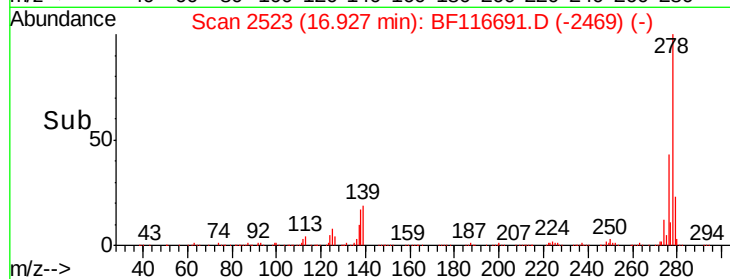
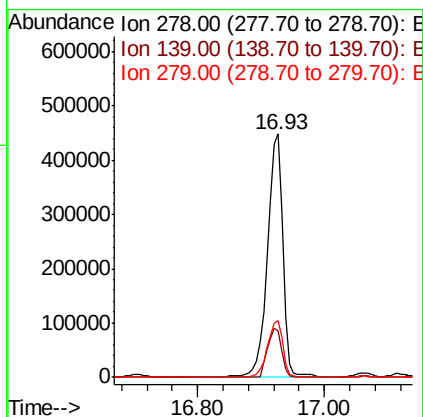
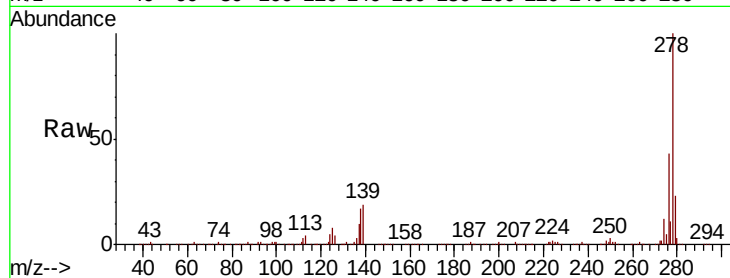




#91
Dibenzo(a,h)anthracene
Concen: 57.454 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	12.4	18.6#
279	23.4	18.2	27.4



#92
Benzo(g,h,i)perylene
Concen: 60.974 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.02 min
Lab File: BF116691.D
Acq: 31 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	26.5	16.2	24.2#

