

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115789.D
 Acq On : 26 Jul 2019 15:30
 Operator : HP/JU
 Sample : K3620-15MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

Quant Time: Jul 26 23:50:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122570	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	435506	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	197233	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	295926	20.00	ng	0.00
76) Chrysene-d12	14.03	240	280733	20.00	ng	0.00
87) Perylene-d12	15.50	264	340526	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	915623	122.19	ng	0.01
7) Phenol-d6	6.51	99	1171746	123.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	742097	99.08	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	239448	104.01	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1140397	101.20	ng	0.00
79) Terphenyl-d14	12.97	244	1058394	69.56	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.69	88	127619	34.143 ng	99
3) Pyridine	3.46	79	328006	32.344 ng	99
4) n-Nitrosodimethylamine	3.39	42	150753	40.977 ng	100
6) Aniline	6.53	93	206539	15.609 ng	98
8) 2-Chlorophenol	6.66	128	317203	36.818 ng	99
9) Benzaldehyde	6.42	77	201445	33.903 ng	96
10) Phenol	6.52	94	400573	36.291 ng	91
11) bis(2-Chloroethyl)ether	6.60	93	321394	38.245 ng	98
12) 1,3-Dichlorobenzene	6.82	146	353073	36.451 ng	99
13) 1,4-Dichlorobenzene	6.89	146	356046	36.840 ng	98
14) 1,2-Dichlorobenzene	7.05	146	332118	37.592 ng	98
15) Benzyl Alcohol	7.01	79	268773	35.634 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	413191	37.347 ng	97
17) 2-Methylphenol	7.12	107	265839	35.805 ng	98
18) Hexachloroethane	7.39	117	125144	34.886 ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	218336	35.209 ng	98
20) 3+4-Methylphenols	7.27	107	310157	35.169 ng	# 79
22) Acetophenone	7.27	105	438898	44.609 ng	98
24) Nitrobenzene	7.45	77	347467	43.012 ng	96
25) Isophorone	7.69	82	596717	39.815 ng	99
26) 2-Nitrophenol	7.77	139	164633	39.593 ng	97
27) 2,4-Dimethylphenol	7.80	122	274097	44.057 ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	374719	40.756 ng	99
29) 2,4-Dichlorophenol	8.01	162	247445	38.243 ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	287247	39.274 ng	99
31) Naphthalene	8.17	128	888531	42.127 ng	99
33) 4-Chloroaniline	8.22	127	123466	13.216 ng	98
34) Hexachlorobutadiene	8.29	225	162970	38.856 ng	98
35) Caprolactam	8.57	113	67329	33.674 ng	94
36) 4-Chloro-3-methylphenol	8.70	107	243427	36.269 ng	98
37) 2-Methylnaphthalene	8.86	142	564147	40.351 ng	99
38) 1-Methylnaphthalene	8.96	142	520912	39.226 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	249120	41.944 ng	99
41) Hexachlorocyclopentadiene	9.02	237	123315	36.397 ng	97

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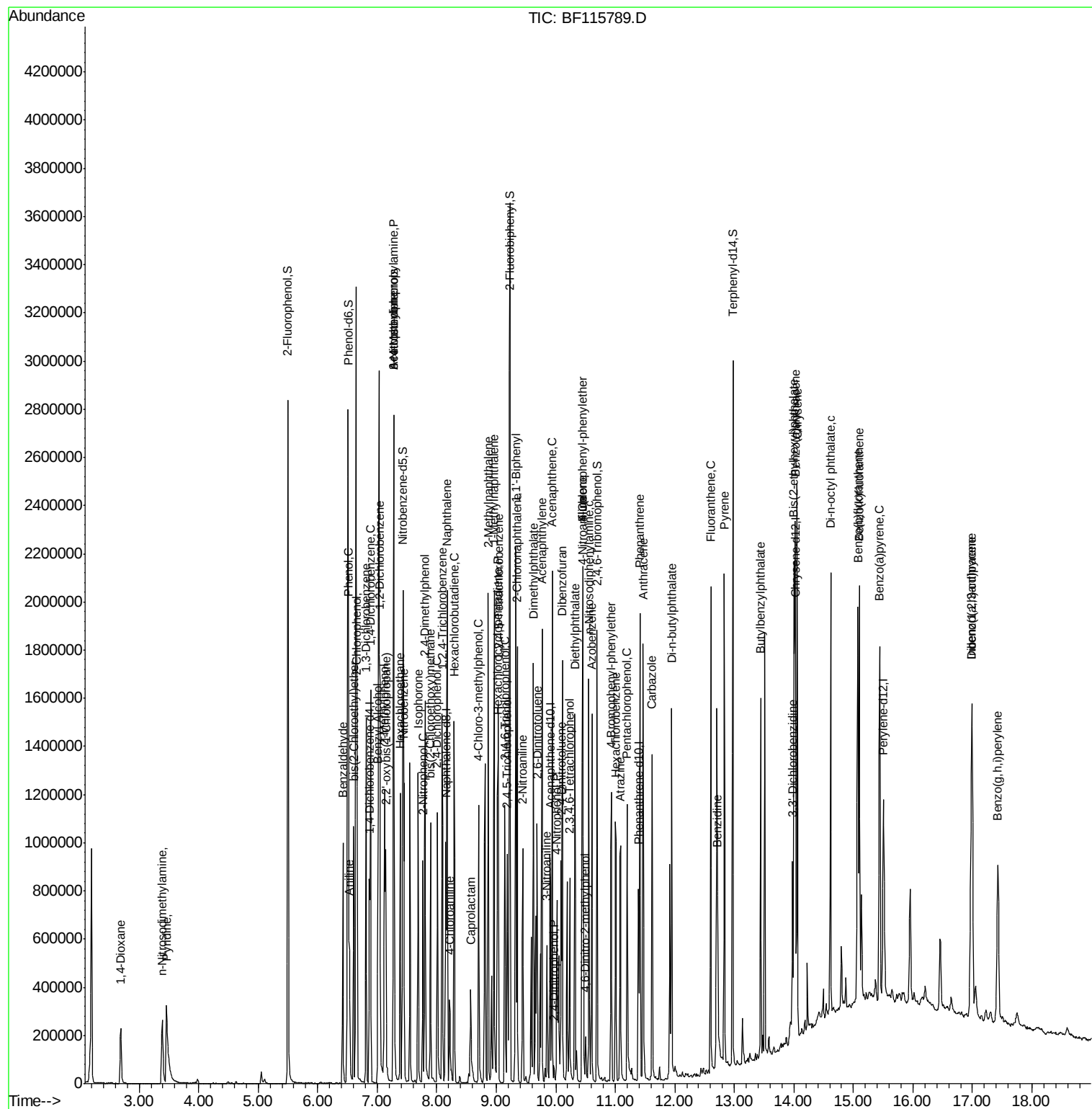
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	149617	34.447	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	155866	35.041	ng	98
46) 1,1'-Biphenyl	9.33	154	665814	43.180	ng	98
47) 2-Chloronaphthalene	9.35	162	509954	39.719	ng	99
48) 2-Nitroaniline	9.45	65	152807	38.453	ng	96
49) Acenaphthylene	9.77	152	760157	39.957	ng	99
50) Dimethylphthalate	9.62	163	798333	53.799	ng	99
51) 2,6-Dinitrotoluene	9.69	165	123210	36.536	ng	98
52) Acenaphthene	9.94	154	448336	36.502	ng	100
53) 3-Nitroaniline	9.85	138	93501	24.262	ng	94
54) 2,4-Dinitrophenol	9.97	184	12548	7.247	ng	92
55) Dibenzofuran	10.11	168	658828	37.771	ng	99
56) 4-Nitrophenol	10.02	139	178572	60.766	ng	95
57) 2,4-Dinitrotoluene	10.09	165	151517	34.680	ng	100
58) Fluorene	10.45	166	486645	39.027	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	118644	31.907	ng	98
60) Diethylphthalate	10.32	149	529844	38.108	ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	248875	35.991	ng	98
62) 4-Nitroaniline	10.46	138	117624	31.820	ng	99
63) Azobenzene	10.60	77	527481	39.113	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	24155	13.360	ng	99
66) n-Nitrosodiphenylamine	10.56	169	428455	46.545	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	141217	41.759	ng	95
68) Hexachlorobenzene	11.01	284	151643	39.266	ng	97
69) Atrazine	11.09	200	125491	41.556	ng	98
70) Pentachlorophenol	11.20	266	156620	66.307	ng	99
71) Phenanthrene	11.42	178	679878	44.821	ng	100
72) Anthracene	11.47	178	703310	44.864	ng	99
73) Carbazole	11.62	167	613058	44.596	ng	99
74) Di-n-butylphthalate	11.95	149	746588	44.090	ng	99
75) Fluoranthene	12.60	202	760746	47.459	ng	100
77) Benzidine	12.72	184	254840	25.625	ng	99
78) Pyrene	12.83	202	801056	33.679	ng	99
80) Butylbenzylphthalate	13.44	149	336892	33.226	ng	94
81) Benzo(a)anthracene	14.02	228	762600	41.233	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	175336	26.668	ng	99
83) Chrysene	14.06	228	736998	39.696	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	483532	38.500	ng	99
85) Di-n-octyl phthalate	14.62	149	869686	43.521	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	735554	46.632	ng	100
88) Benzo(b)fluoranthene	15.07	252	820797	37.433	ng	99
89) Benzo(k)fluoranthene	15.10	252	760089	38.881	ng	99
90) Benzo(a)pyrene	15.44	252	775148	41.130	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	626047	37.839	ng	98
92) Benzo(g,h,i)perylene	17.43	276	588544	35.668	ng	98

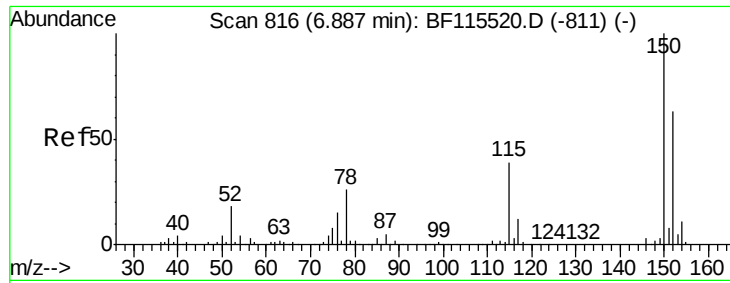
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

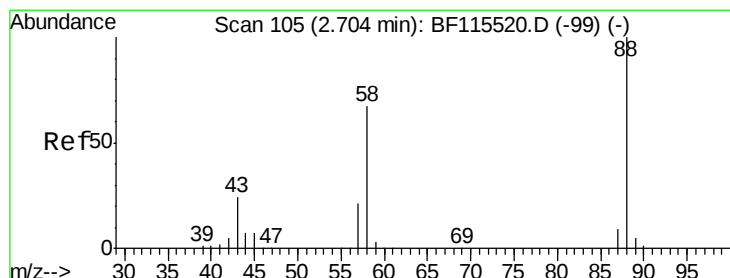
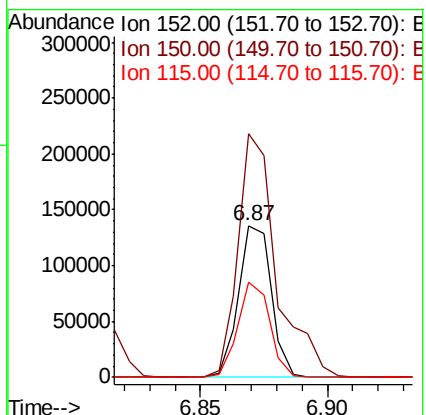
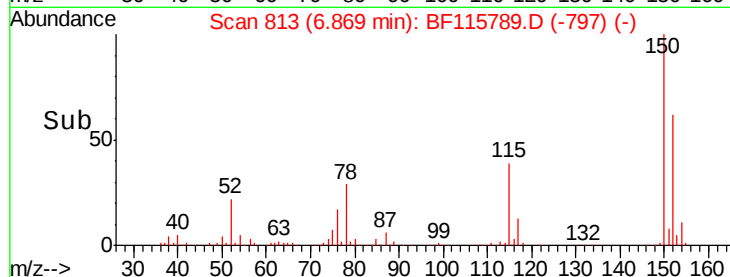
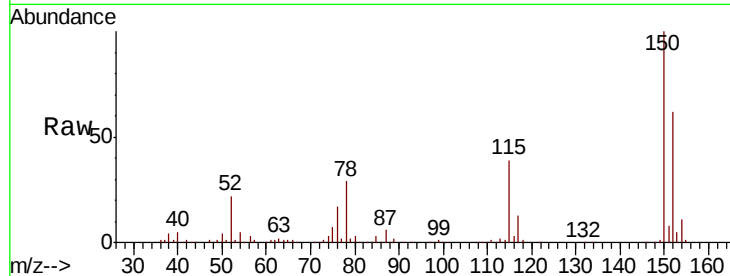
Tot Ion:152 Resp: 122570

Ion Ratio Lower Upper

152 100

150 160.5 126.6 189.8

115 63.1 47.8 71.6



#2

1,4-Dioxane

Concen: 34.143 ng

RT: 2.69 min Scan# 103

Delta R.T. 0.04 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

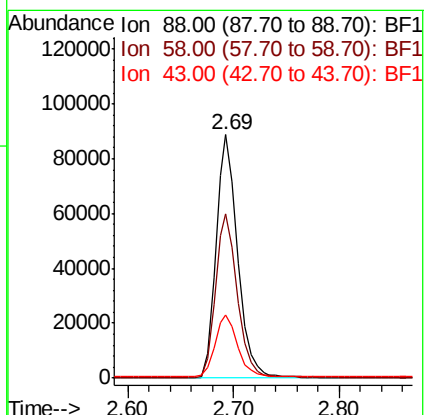
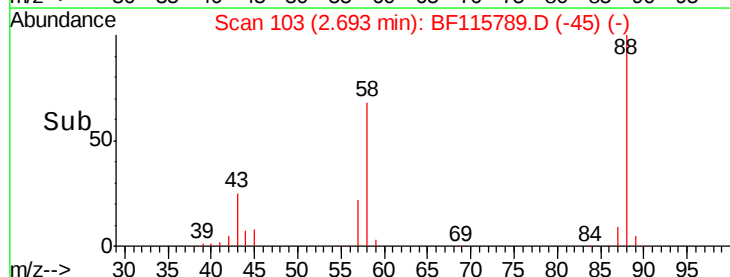
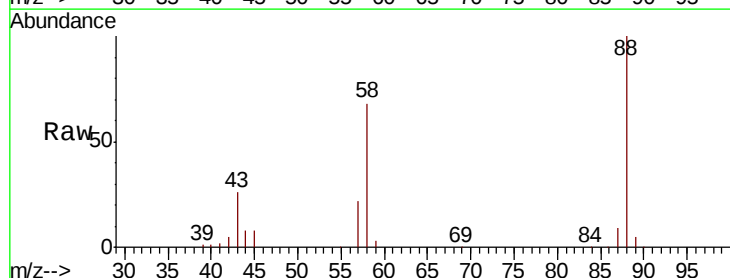
Tgt Ion: 88 Resp: 127619

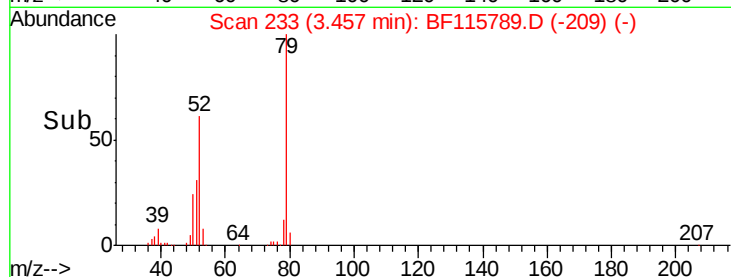
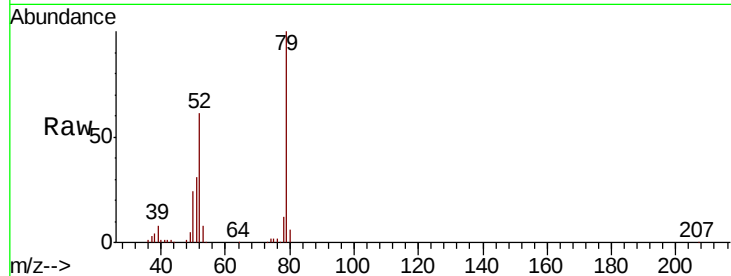
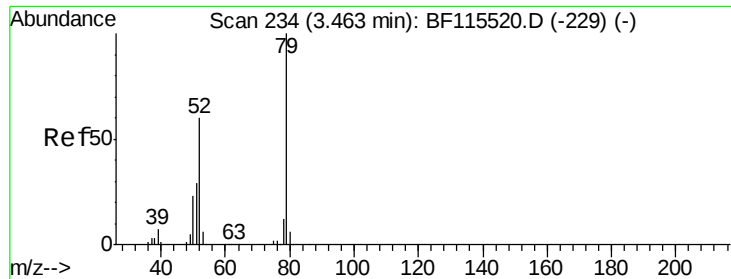
Ion Ratio Lower Upper

88 100

58 68.8 54.2 81.4

43 26.2 20.8 31.2

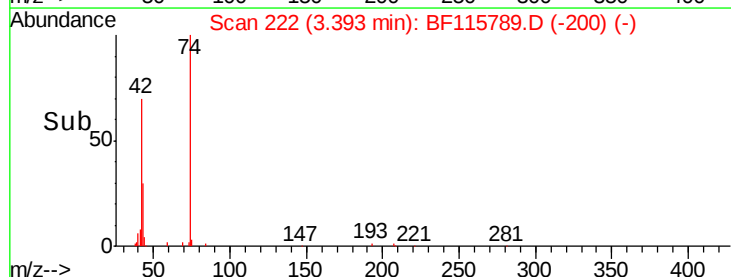
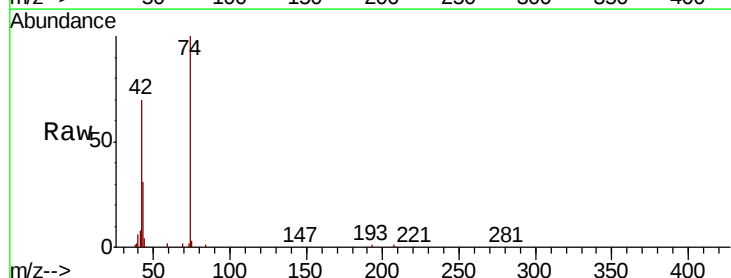
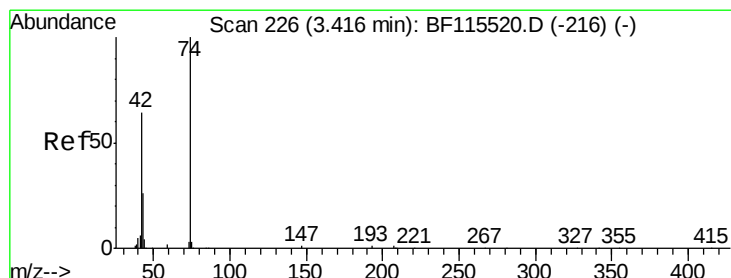
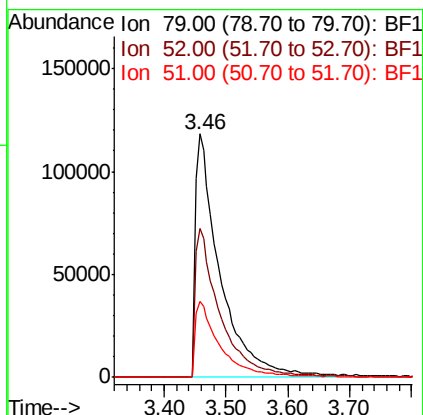




#3
 Pvridine
 Concen: 32.344 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.04 min
 Lab File: BF115789.D
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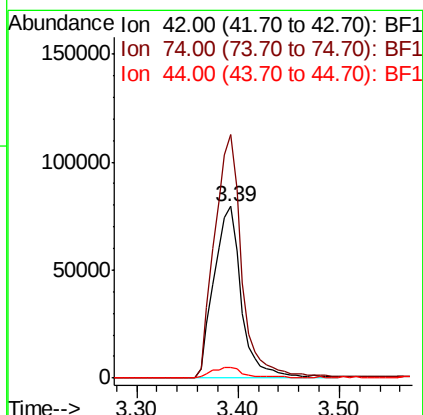
Instrument :
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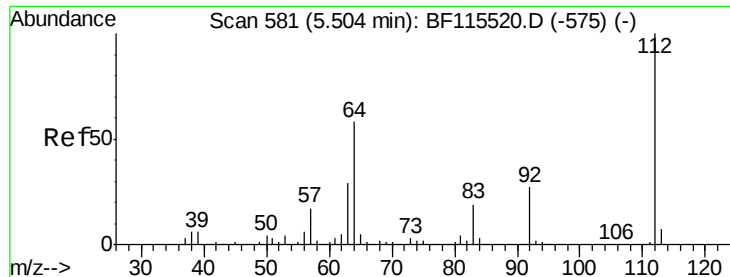
Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	48.4	72.6
51	31.0	24.8	37.2



#4
 n-Nitrosodimethylamine
 Concen: 40.977 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.03 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.0	113.4	170.0
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 122.191 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

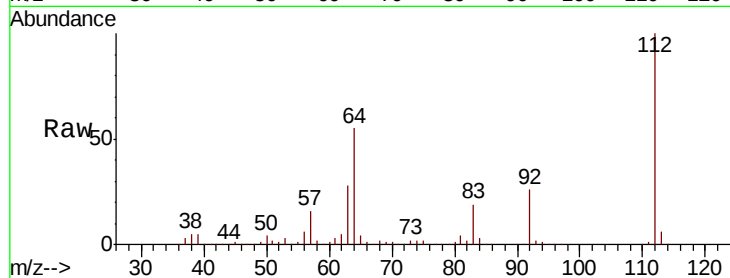
Tot Ion: 112 Resp: 915623

Ion Ratio Lower Upper

112 100

64 54.9 45.8 68.8

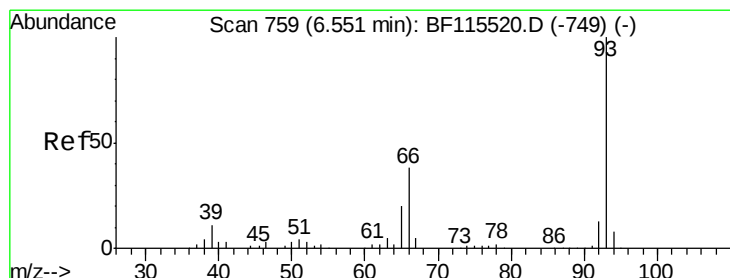
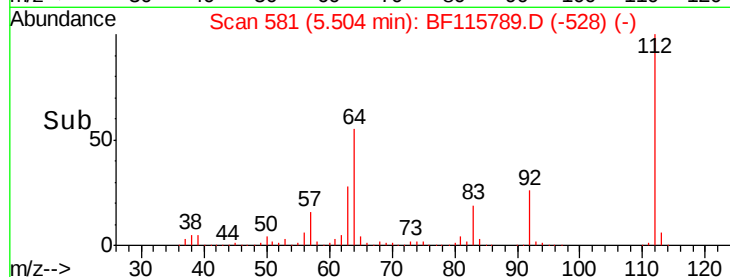
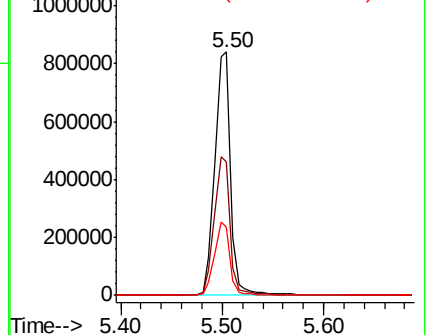
63 28.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.609 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

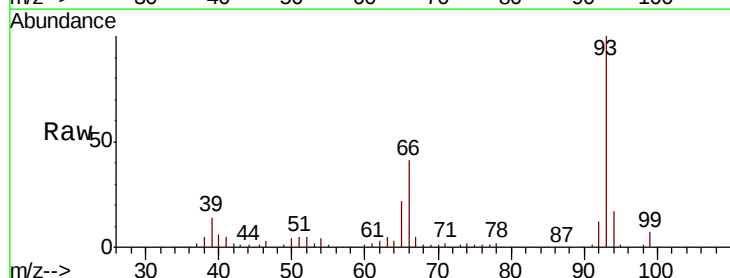
Tgt Ion: 93 Resp: 206539

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

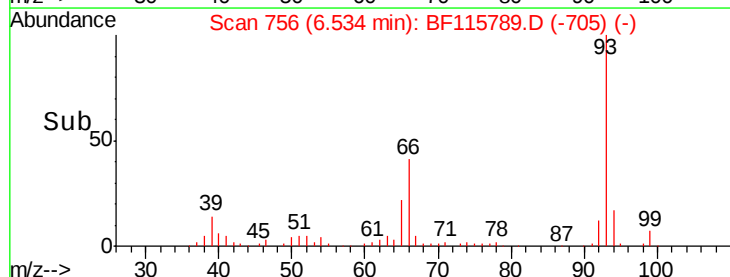
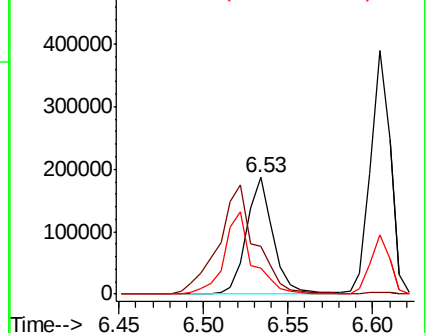
65 22.0 16.5 24.7

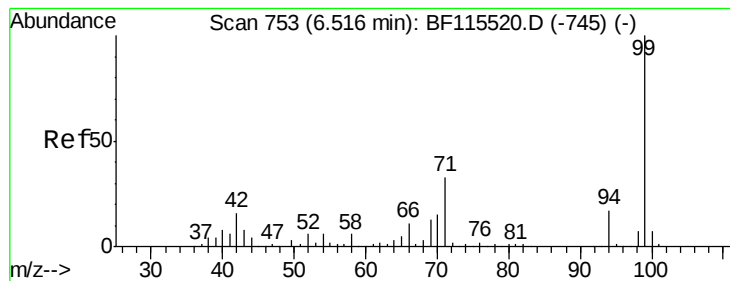


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.235 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

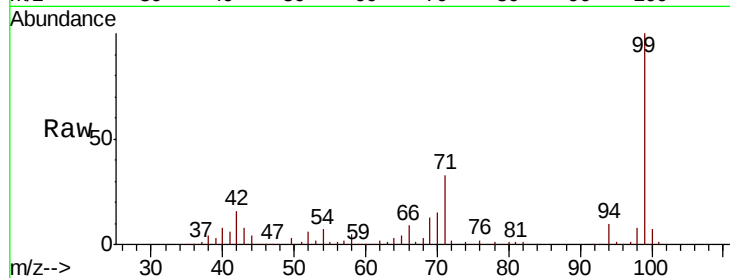
BNA_F

ClientSampleId :

CL-02-072519-CMS

Tot Ion: 99 Resp: 1171746

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	32.6	26.7	40.1

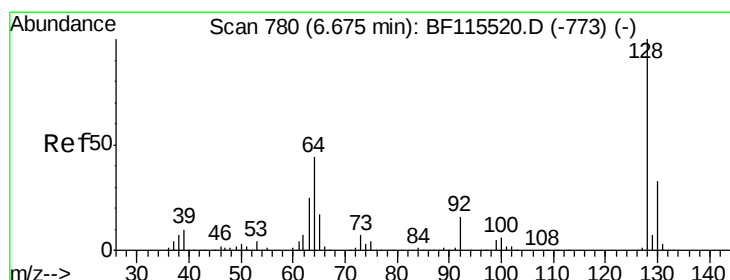
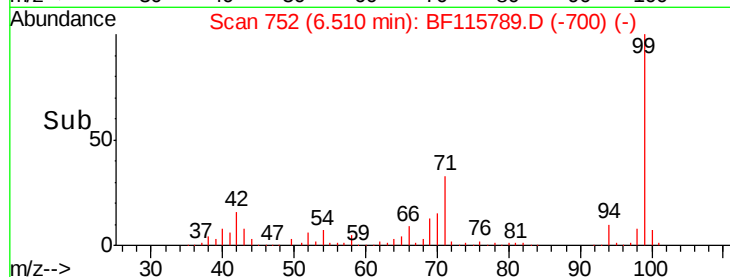
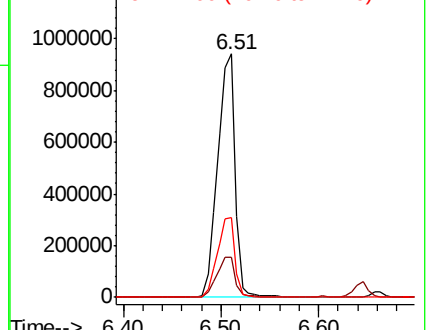


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.818 ng

RT: 6.66 min Scan# 778

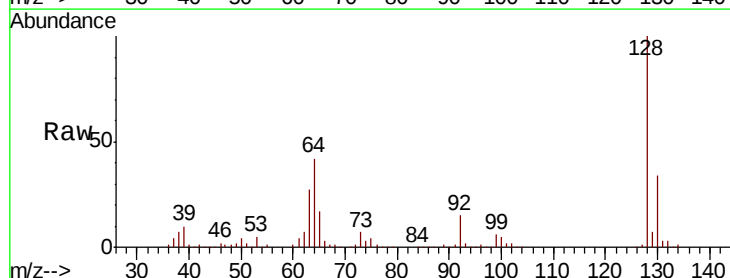
Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Tgt Ion: 128 Resp: 317203

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.8	53.8
64	42.0	22.4	62.4

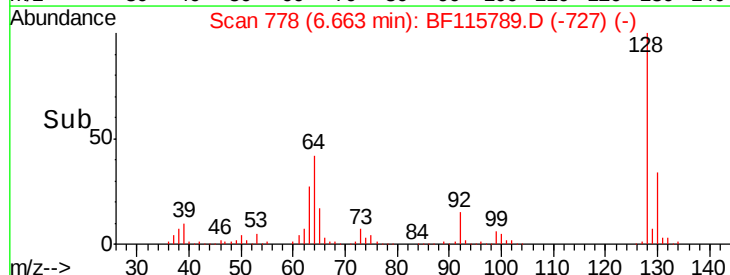
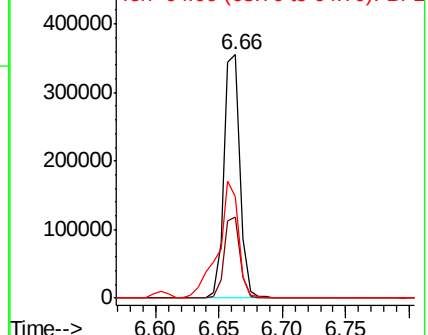


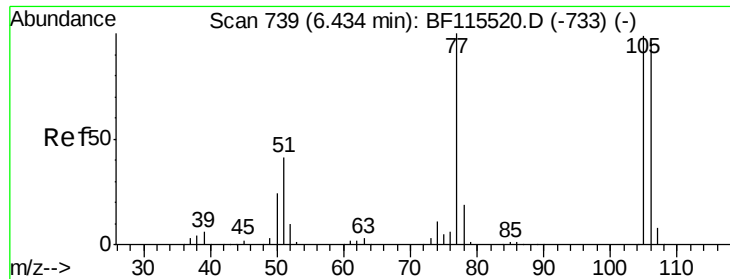
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

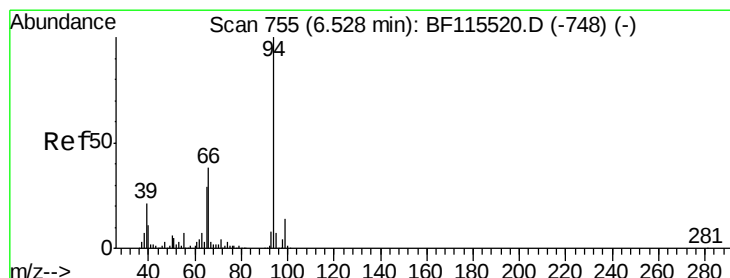
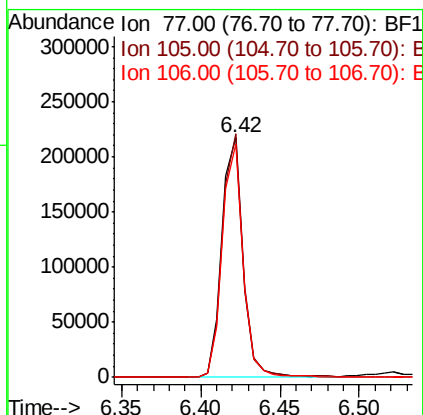
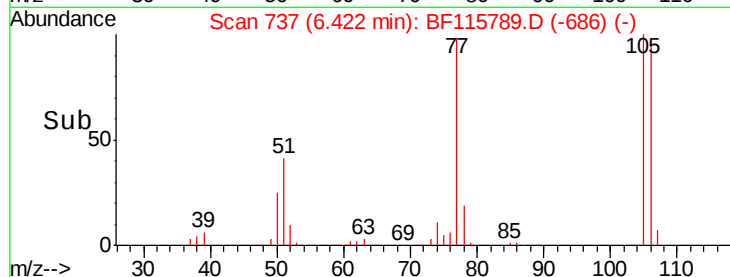
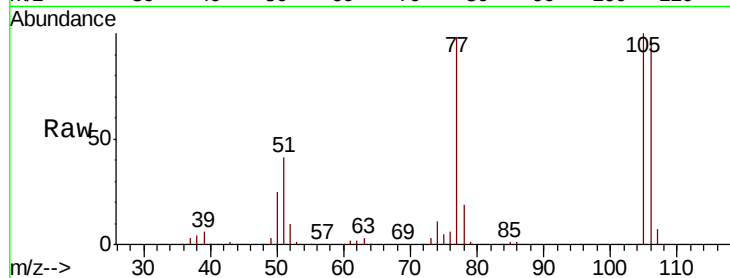




#9
Benzaldehyde
Concen: 33.903 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
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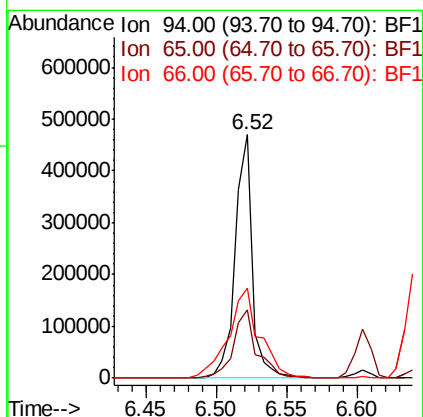
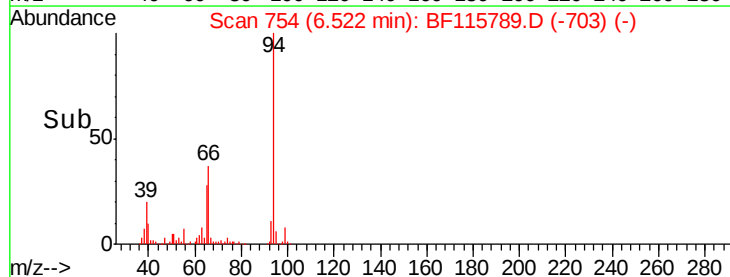
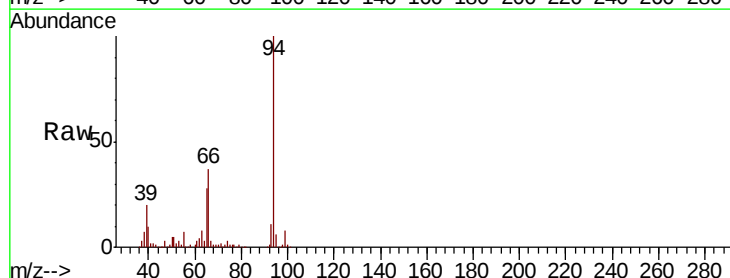
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

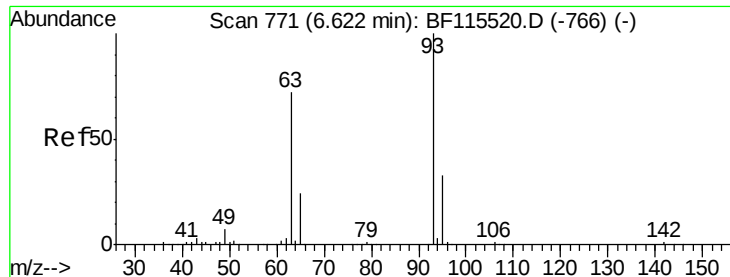
Tot Ion: 77 Resp: 201445
Ion Ratio Lower Upper
77 100
105 101.7 77.5 117.5
106 97.4 74.7 114.7



#10
Phenol
Concen: 36.291 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion: 94 Resp: 400573
Ion Ratio Lower Upper
94 100
65 28.0 11.2 51.2
66 37.1 24.4 64.4





#11

bis(2-Chloroethyl)ether

Concen: 38.245 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

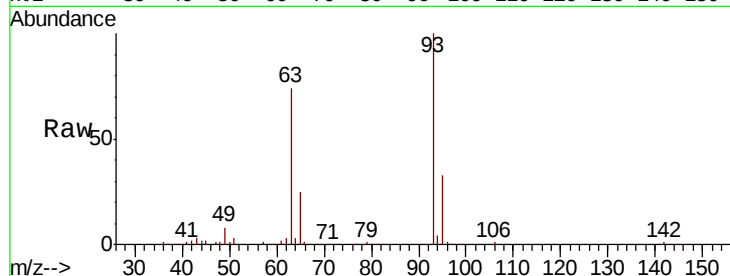
Tot Ion: 93 Resp: 321394

Ion Ratio Lower Upper

93 100

63 74.2 56.2 96.2

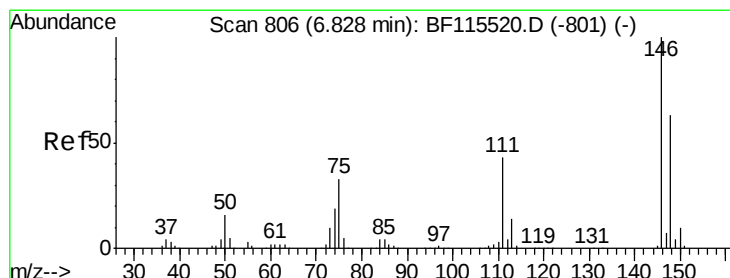
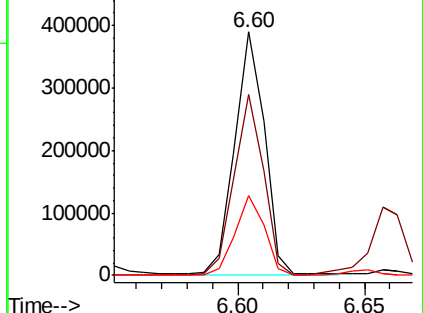
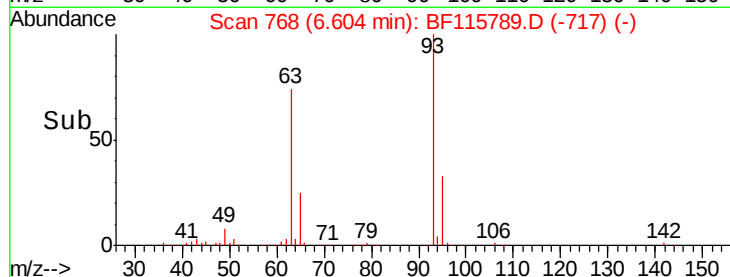
95 32.7 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.451 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

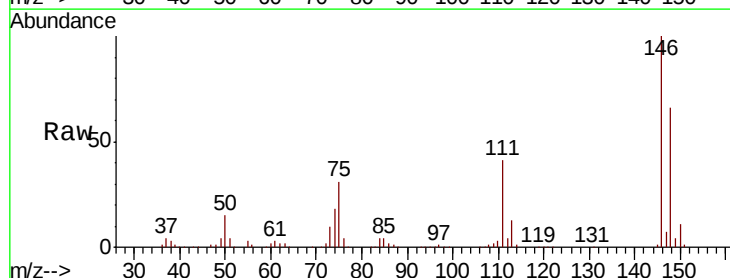
Tgt Ion: 146 Resp: 353073

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

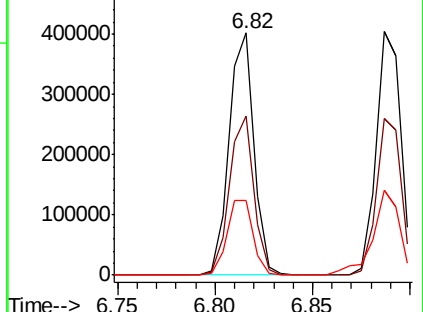
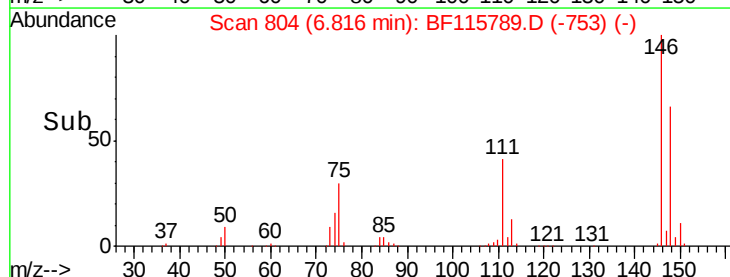
75 31.1 25.3 37.9

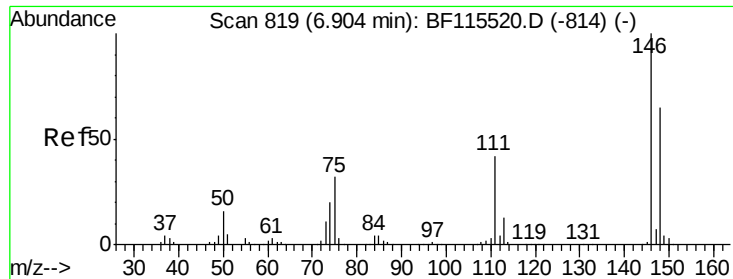


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

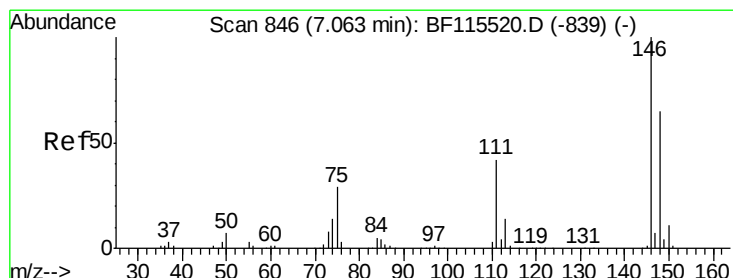
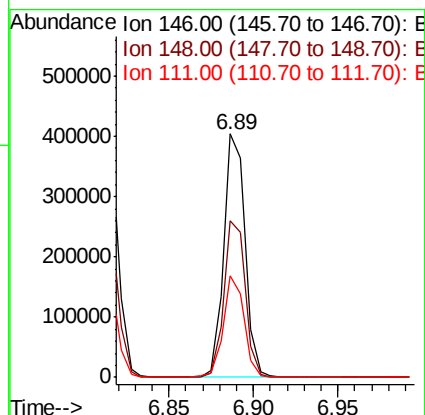
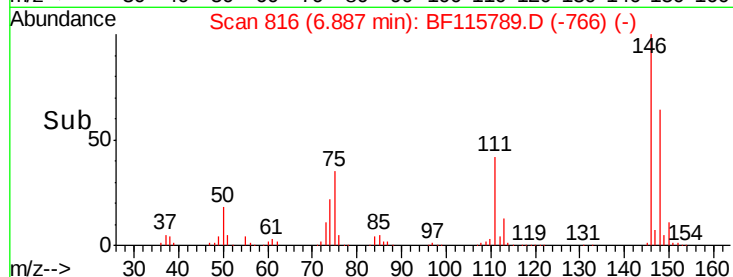
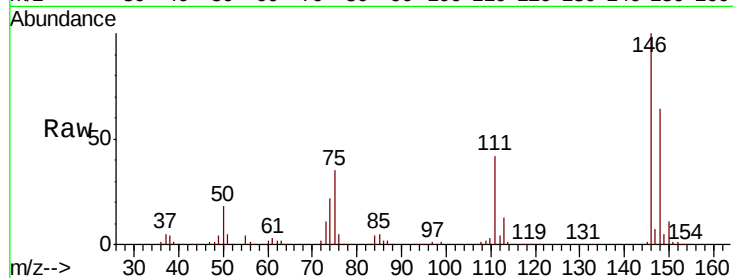




#13
 1,4-Dichlorobenzene
 Concen: 36.840 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

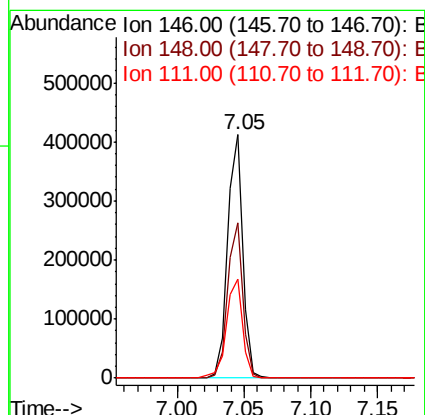
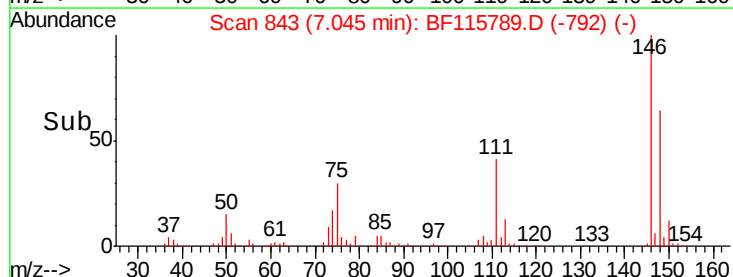
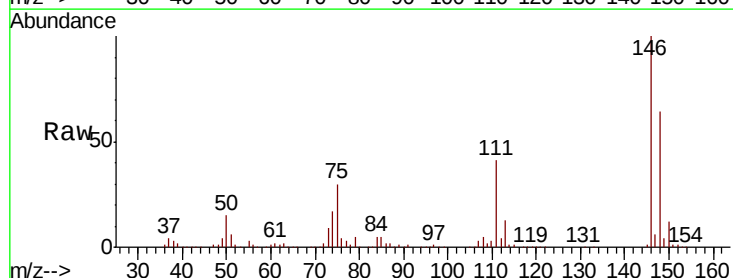
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

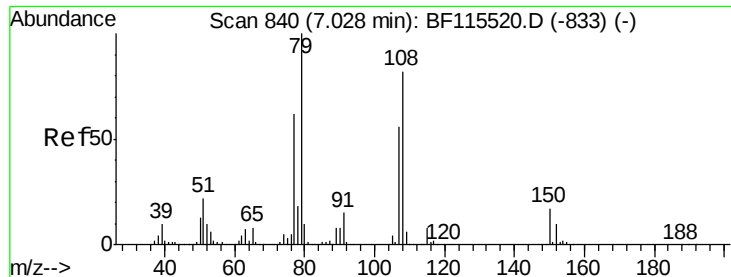
Tot Ion:146 Resp: 356046
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.7 79.1
 111 41.5 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 37.592 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion:146 Resp: 332118
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.8
 111 40.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 35.634 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

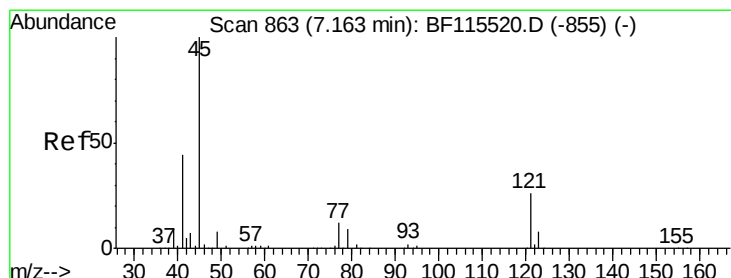
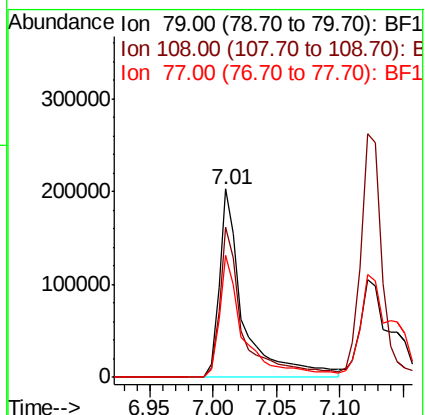
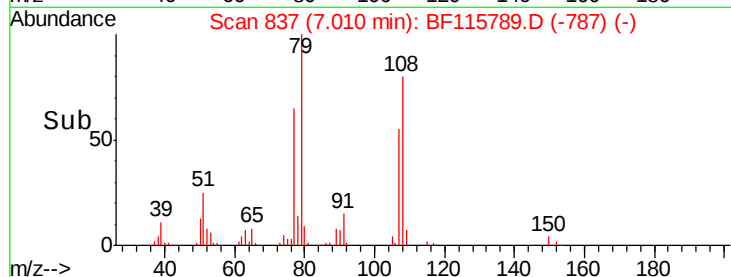
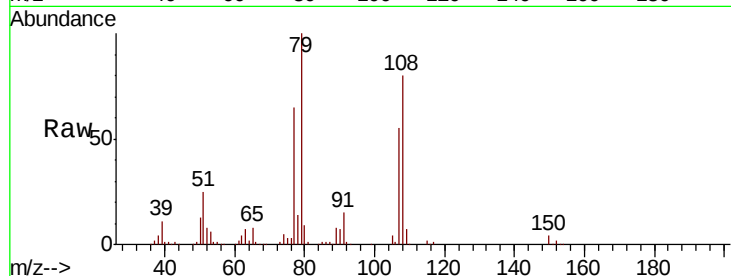
Tot Ion: 79 Resp: 268773

Ion Ratio Lower Upper

79 100

108 79.7 65.4 98.2

77 65.2 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.347 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

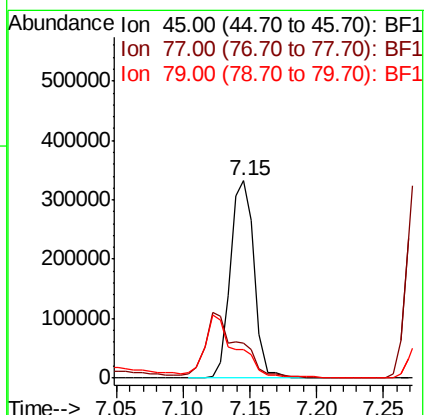
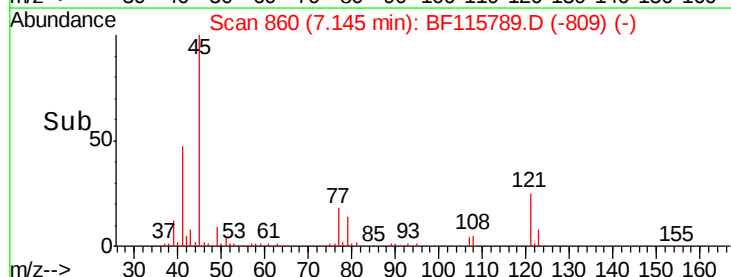
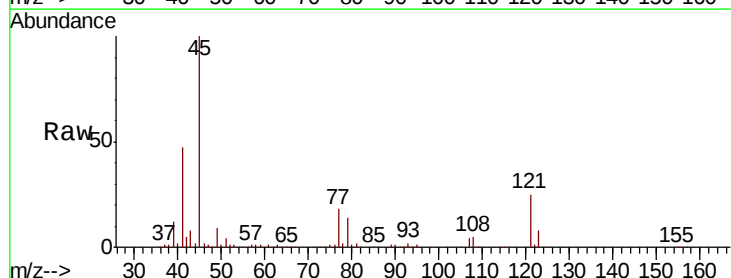
Tgt Ion: 45 Resp: 413191

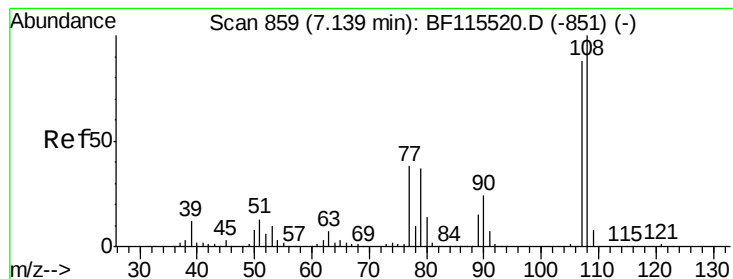
Ion Ratio Lower Upper

45 100

77 17.9 0.0 36.8

79 14.5 0.0 33.1





#17

2-Methylphenol

Concen: 35.805 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

Tot Ion:107 Resp: 265839

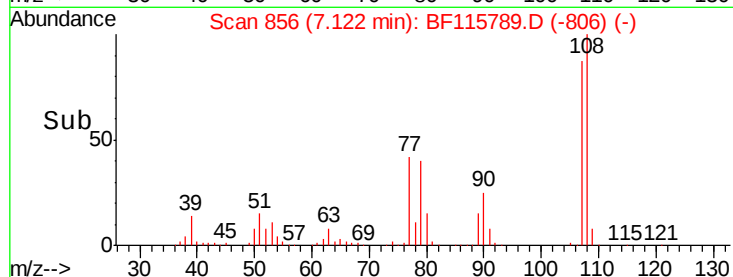
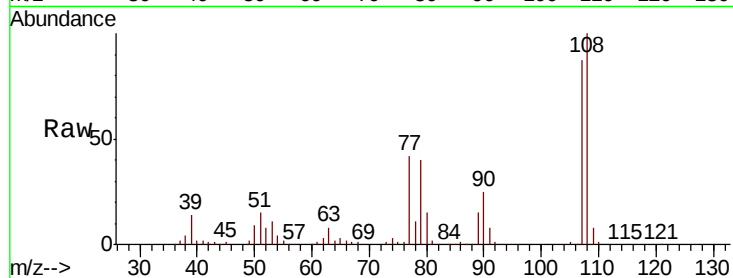
Ion Ratio Lower Upper

107 100

108 115.5 91.3 136.9

77 48.7 36.9 55.3

79 46.6 35.4 53.0

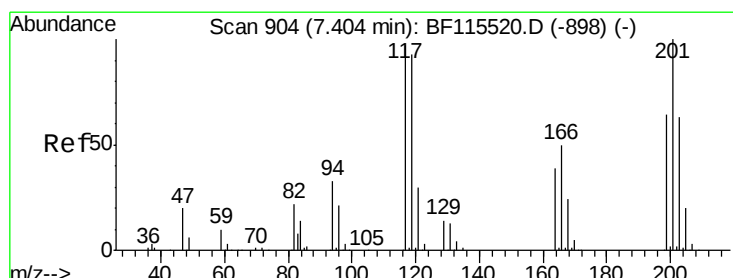
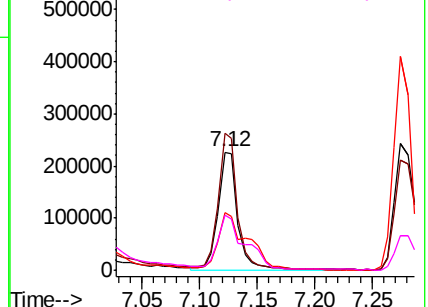


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.886 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

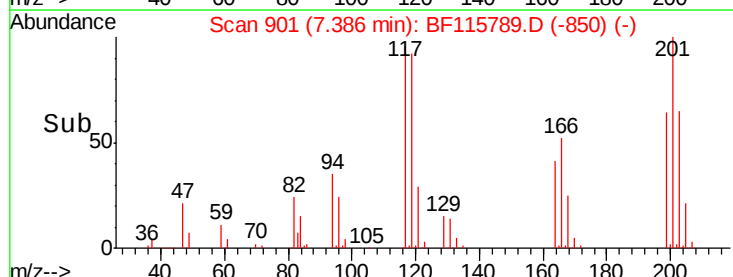
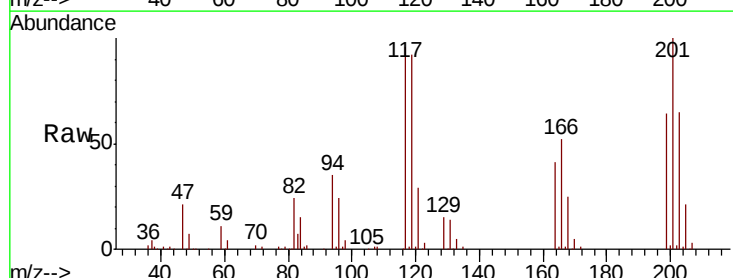
Tgt Ion:117 Resp: 125144

Ion Ratio Lower Upper

117 100

119 94.9 74.8 112.2

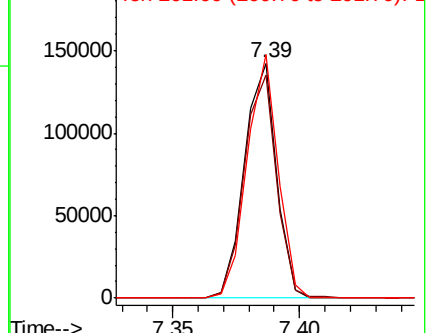
201 103.6 77.6 116.4

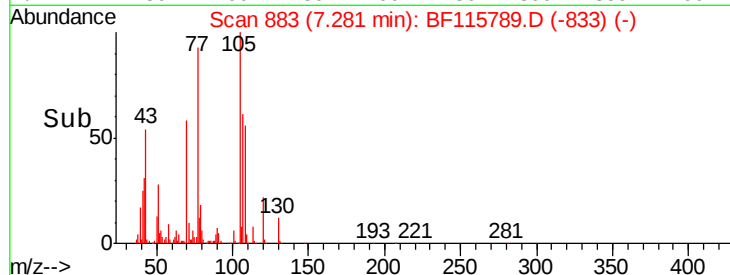
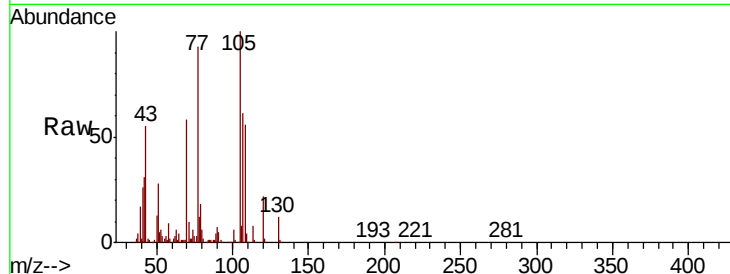
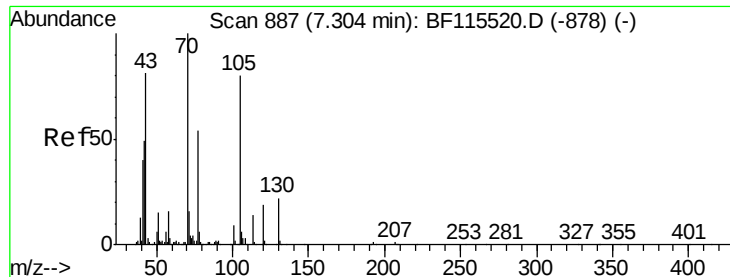


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

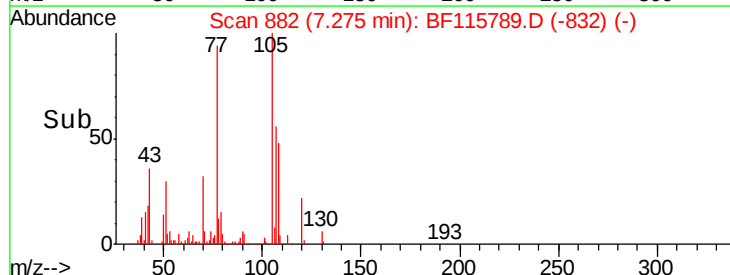
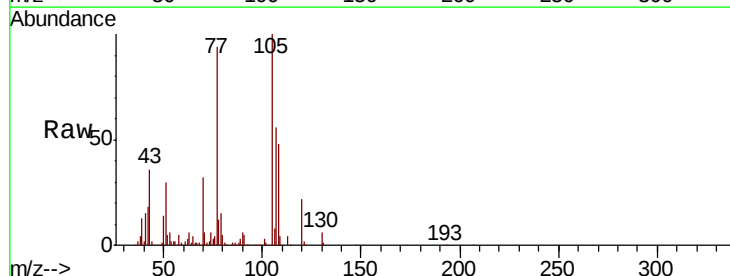
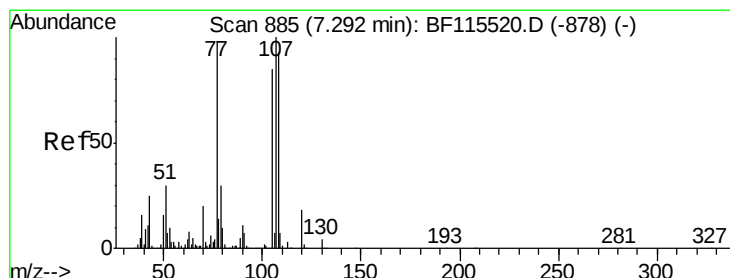
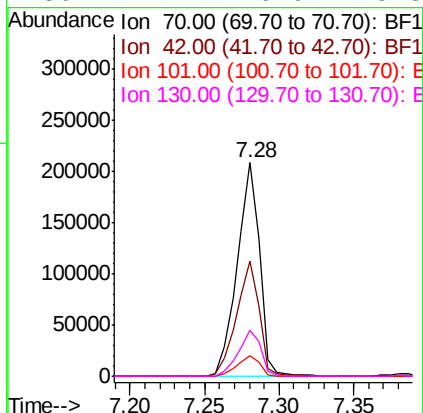




#19
n-Nitroso-di-n-propylamine
Concen: 35.209 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

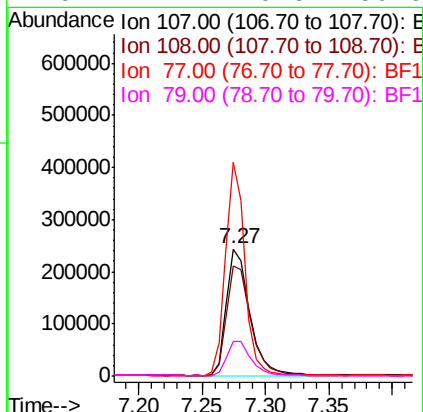
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

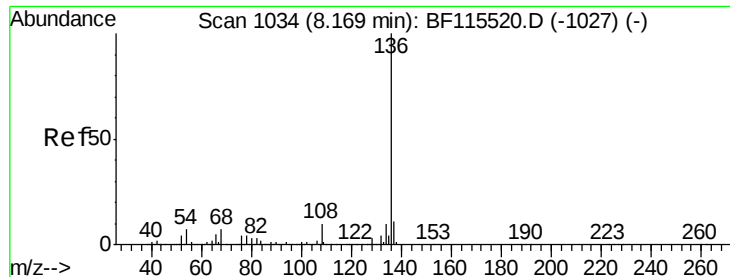
Tot Ion:	70	Resp:	218336
Ion	Ratio	Lower	Upper
70	100		
42	54.0	41.8	62.8
101	9.7	7.6	11.4
130	21.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 35.169 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:	107	Resp:	310157
Ion	Ratio	Lower	Upper
107	100		
108	86.4	73.0	113.0
77	167.7	107.5	147.5
79	27.2	10.6	50.6

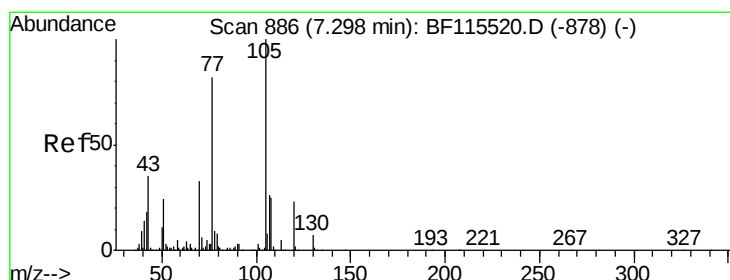
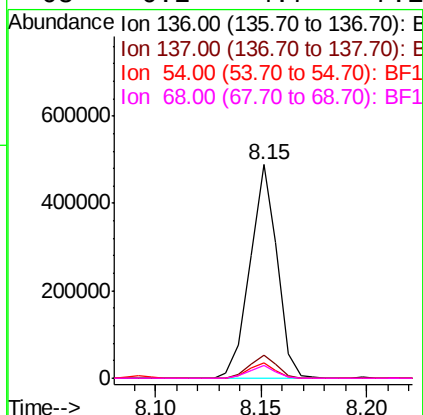
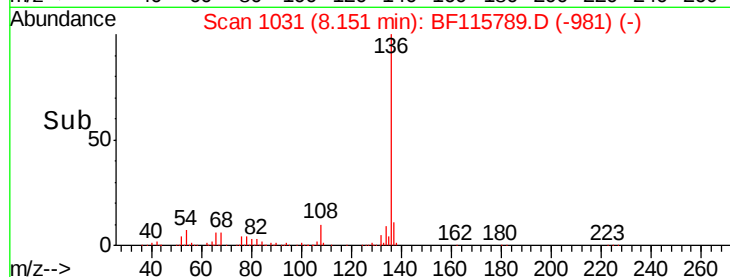
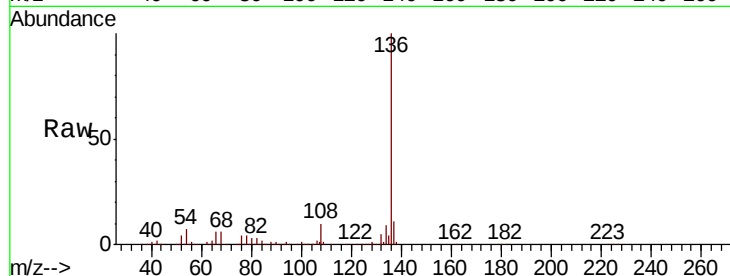




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

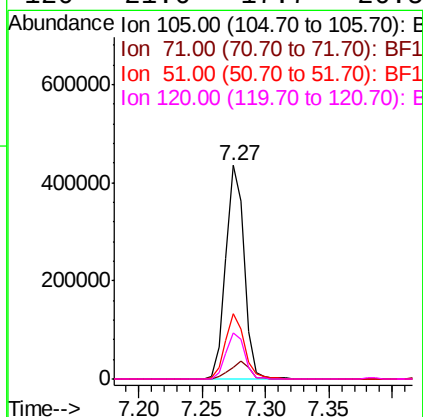
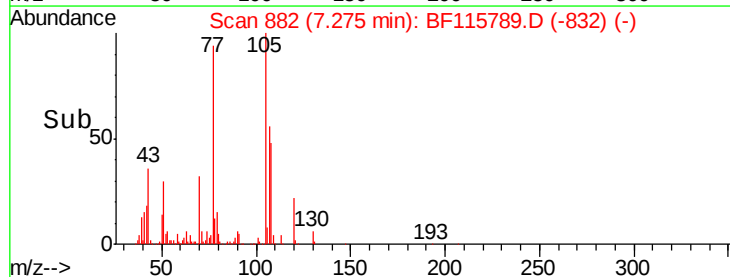
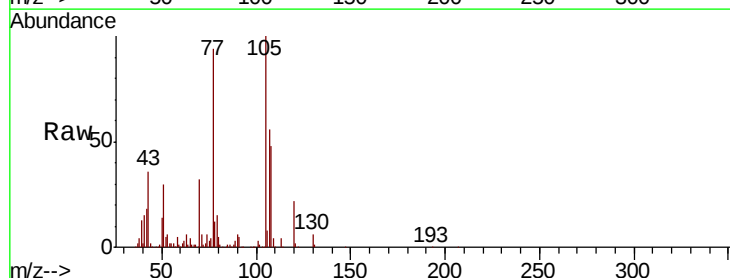
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

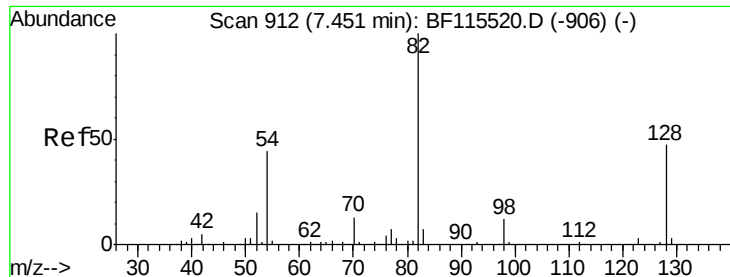
Tot Ion:136	Resp:	435506	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.7	13.1	
54 7.2	5.0	7.6	
68 6.2	4.7	7.1	



#22
Acetophenone
Concen: 44.609 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt	Ion:105	Resp:	438898
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.7	7.1
51	30.3	25.6	38.4
120	21.6	17.7	26.5

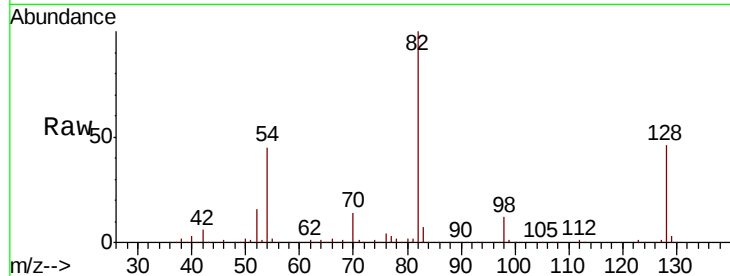




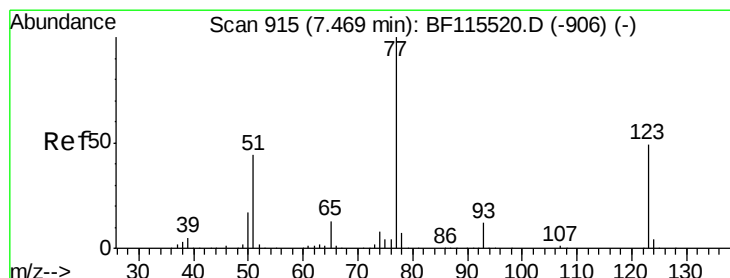
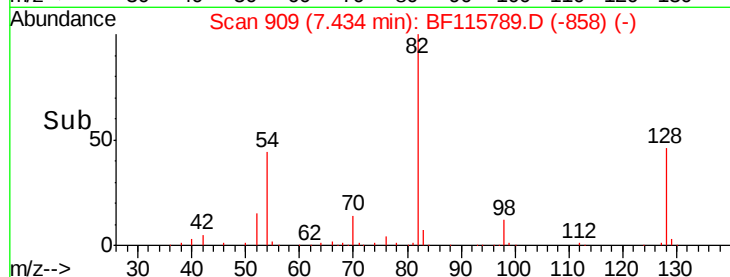
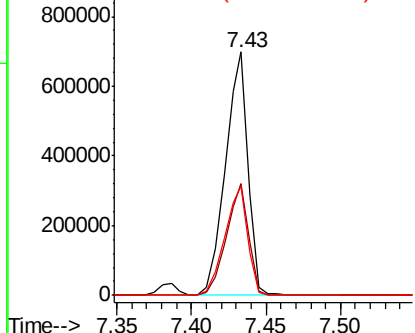
#23
Nitrobenzene-d5
Concen: 99.081 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion: 82 Resp: 742097
Ion Ratio Lower Upper
82 100
128 45.9 36.6 55.0
54 44.8 36.6 54.8

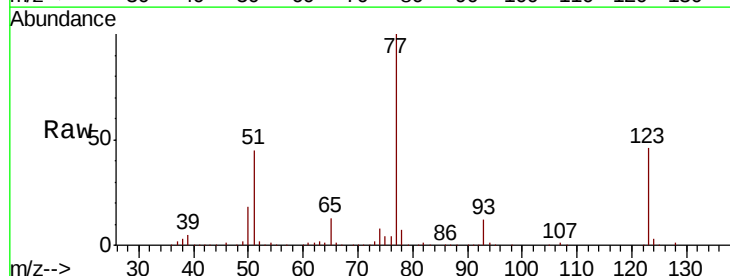


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

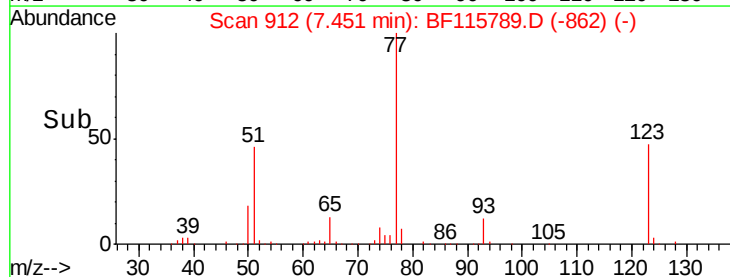
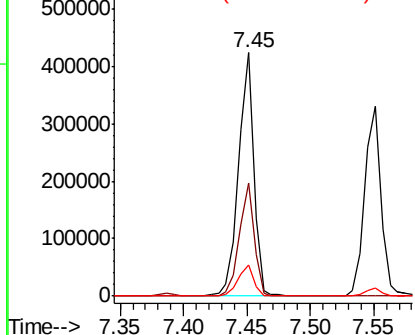


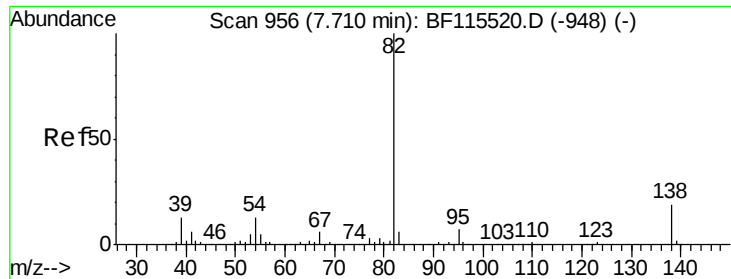
#24
Nitrobenzene
Concen: 43.012 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion: 77 Resp: 347467
Ion Ratio Lower Upper
77 100
123 46.3 39.9 59.9
65 13.1 10.5 15.7



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





#25

Isophorone

Concen: 39.815 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

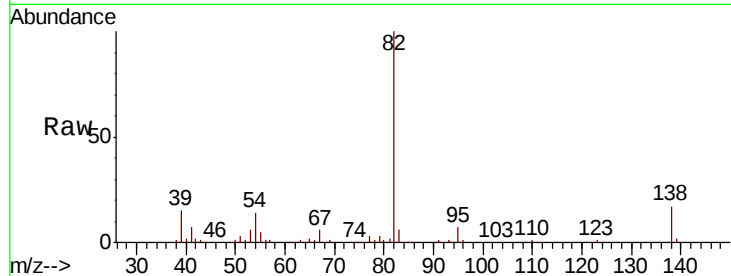
Tot Ion: 82 Resp: 596717

Ion Ratio Lower Upper

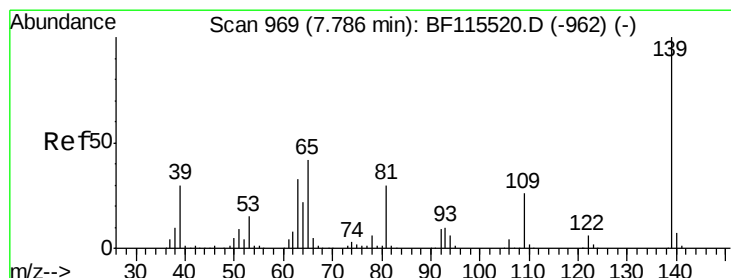
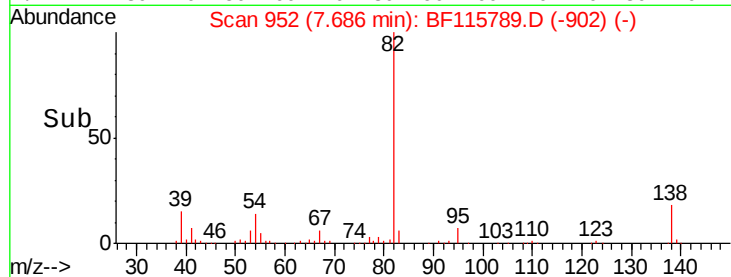
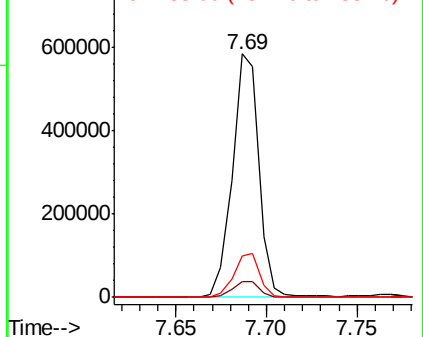
82 100

95 6.6 5.6 8.4

138 17.2 14.2 21.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.593 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

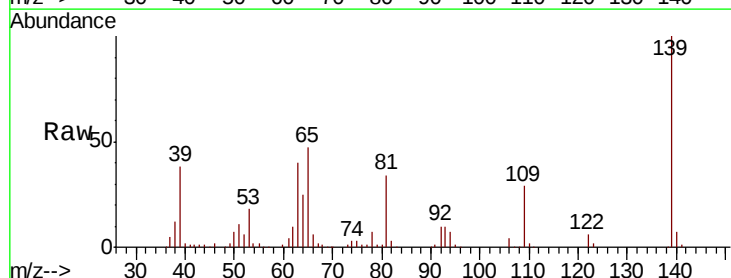
Tgt Ion: 139 Resp: 164633

Ion Ratio Lower Upper

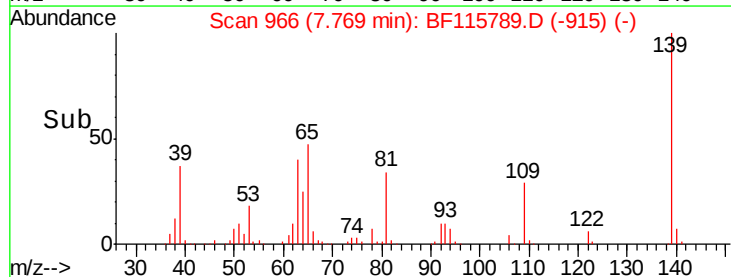
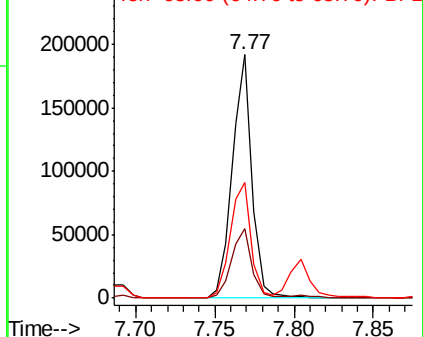
139 100

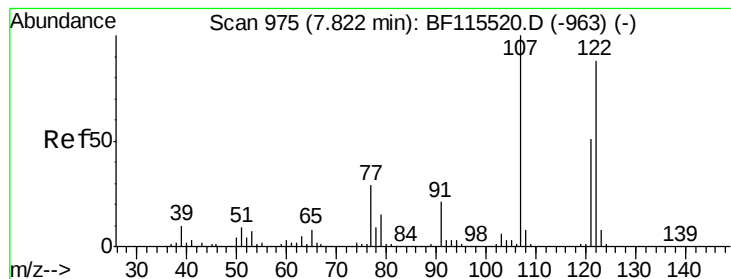
109 28.6 23.2 34.8

65 47.5 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.057 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

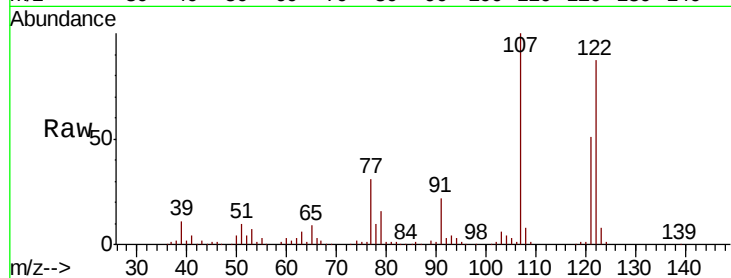
Tot Ion:122 Resp: 274097

Ion Ratio Lower Upper

122 100

107 114.4 92.6 138.8

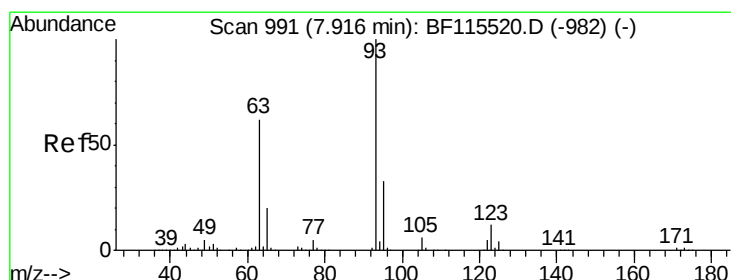
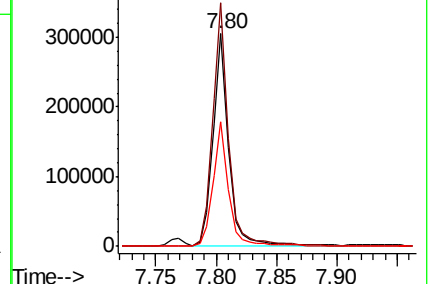
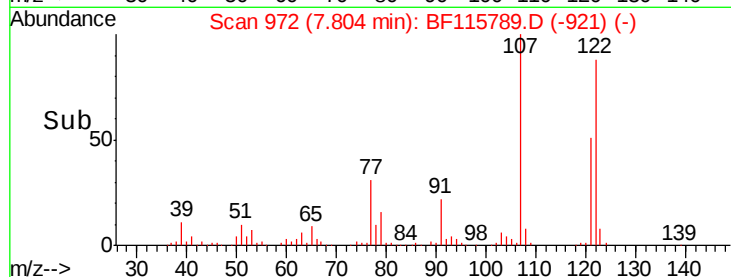
121 58.4 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.756 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

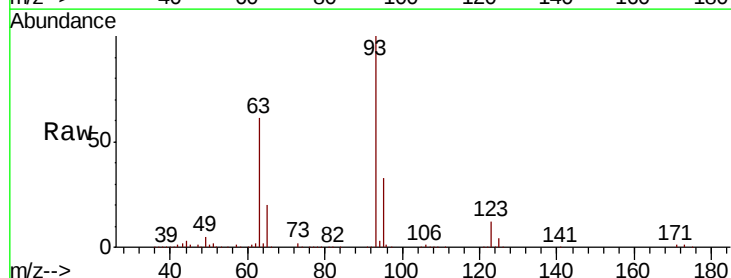
Tgt Ion: 93 Resp: 374719

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

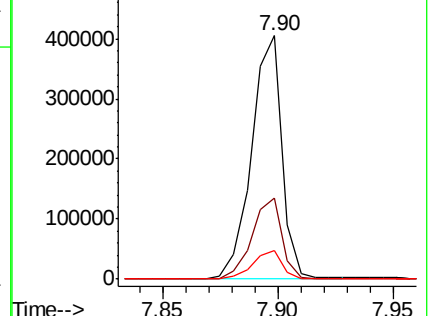
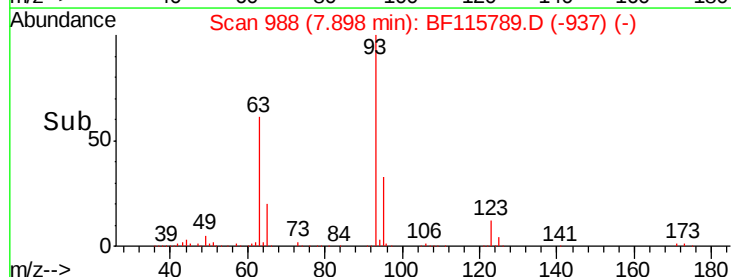
123 11.9 9.3 13.9

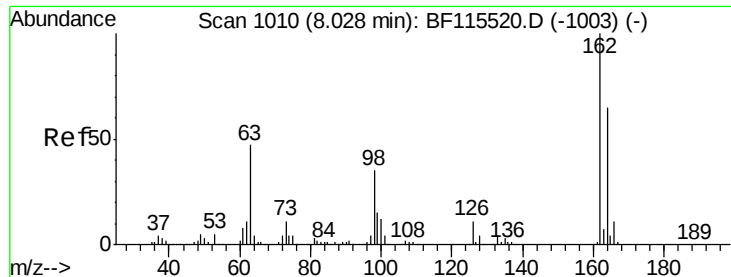


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

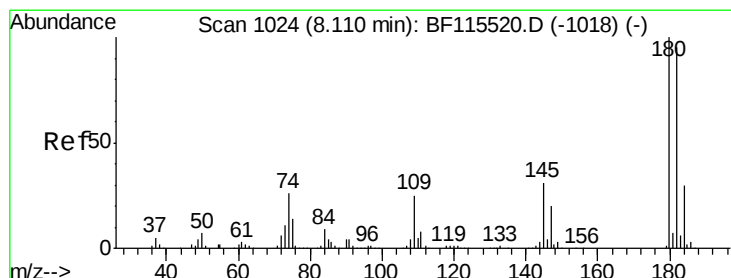
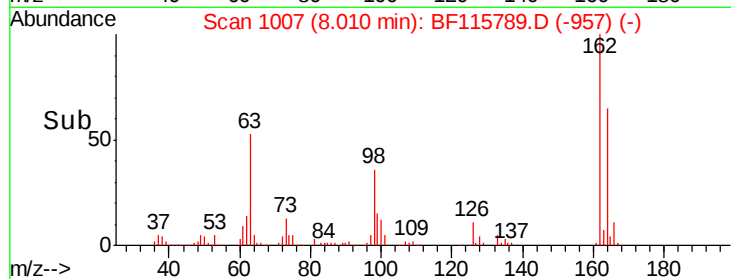
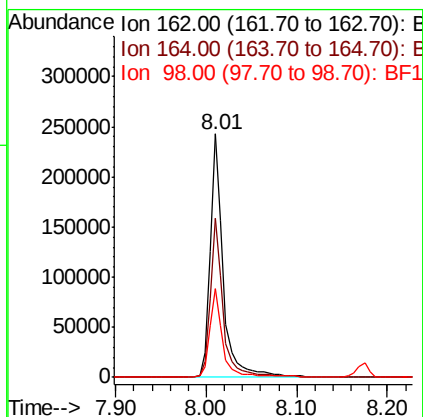
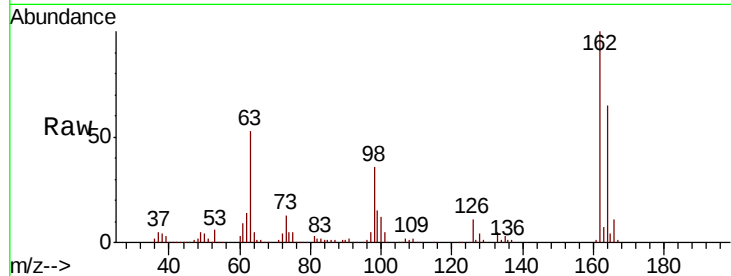




#29
 2,4-Dichlorophenol
 Concen: 38.243 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

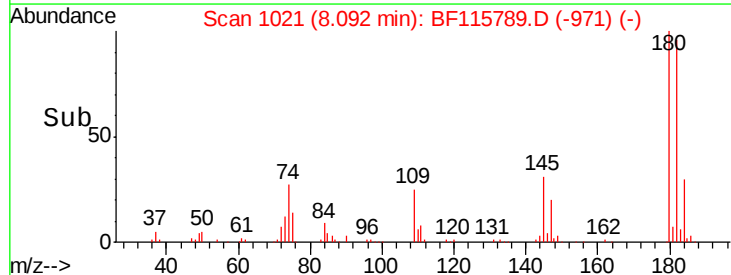
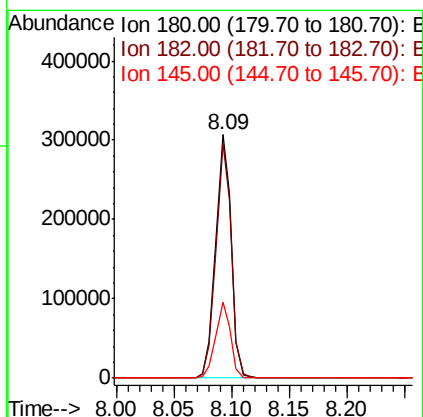
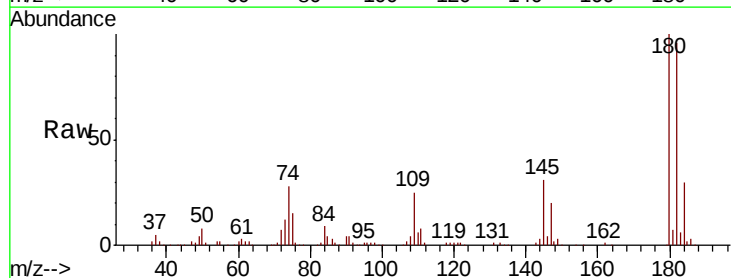
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

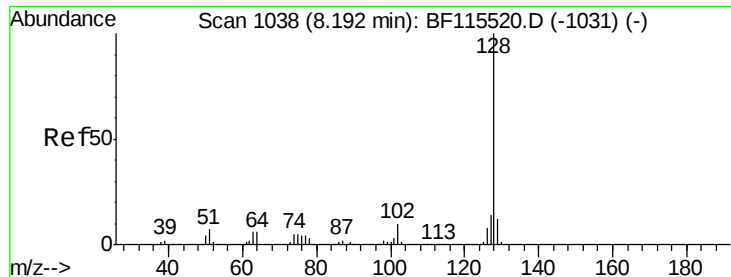
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.1	84.1
98	36.4	12.9	52.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.274 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
145	31.0	23.6	35.4

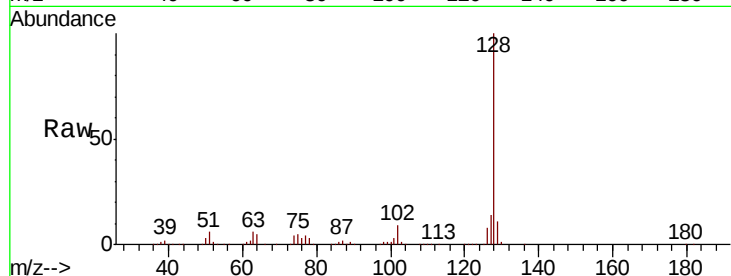




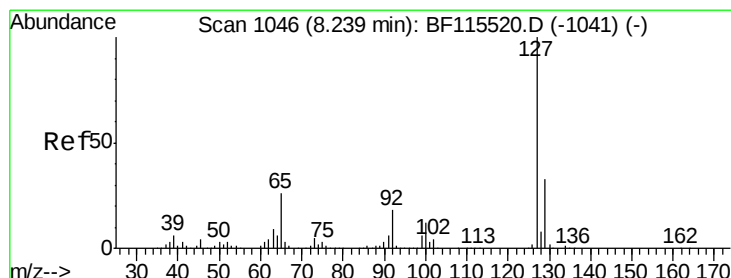
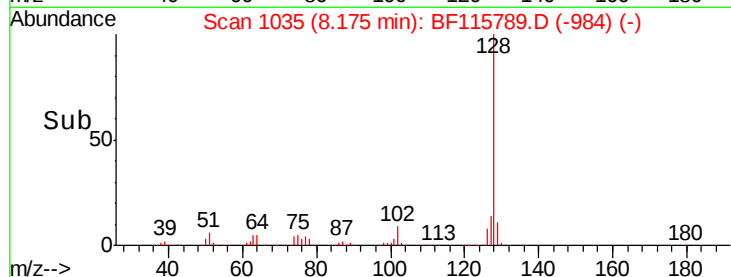
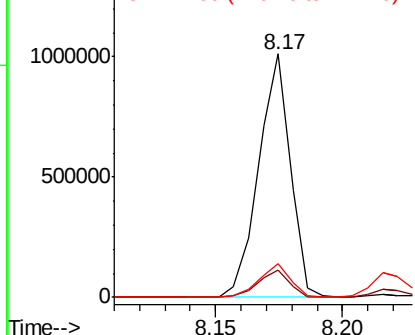
#31
Naphthalene
Concen: 42.127 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion:128 Resp: 888531
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.6 10.9 16.3

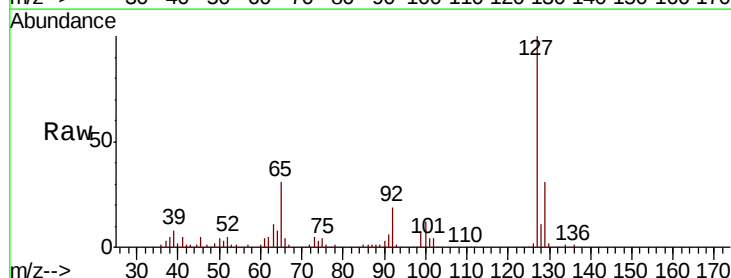


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

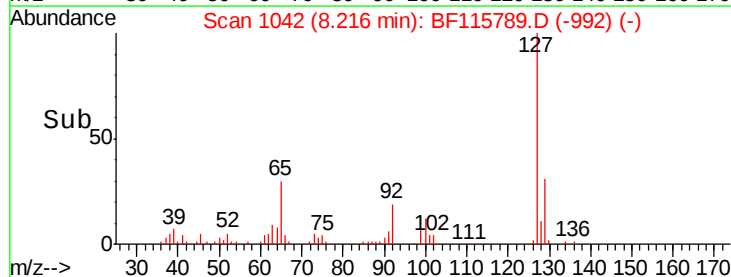
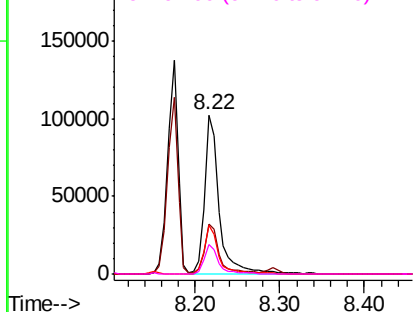


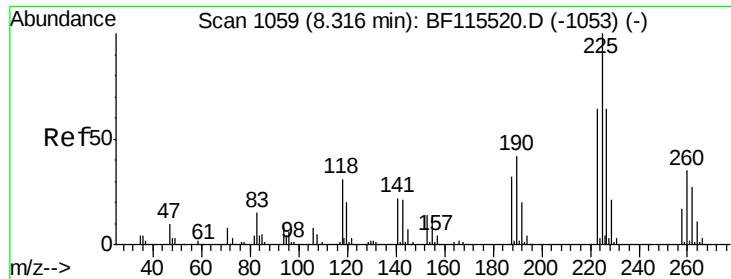
#33
4-Chloroaniline
Concen: 13.216 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:127 Resp: 123466
Ion Ratio Lower Upper
127 100
129 31.4 26.3 39.5
65 30.9 23.8 35.8
92 18.8 15.1 22.7



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





#34

Hexachlorobutadiene

Concen: 38.856 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

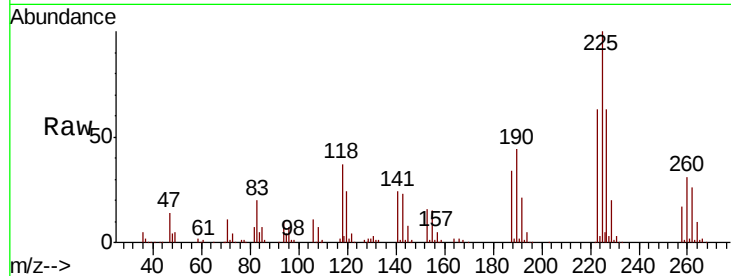
Tot Ion:225 Resp: 162970

Ion Ratio Lower Upper

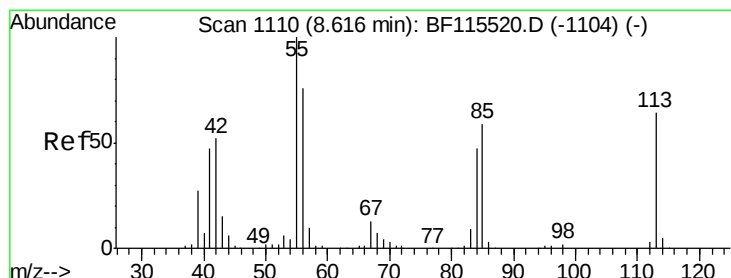
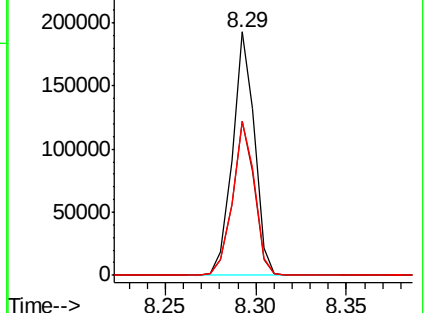
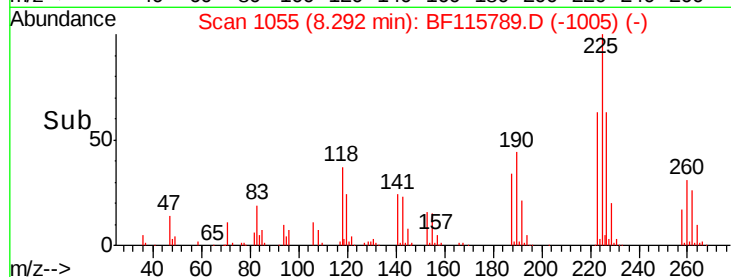
225 100

223 63.3 51.0 76.6

227 63.4 52.8 79.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 33.674 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.03 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

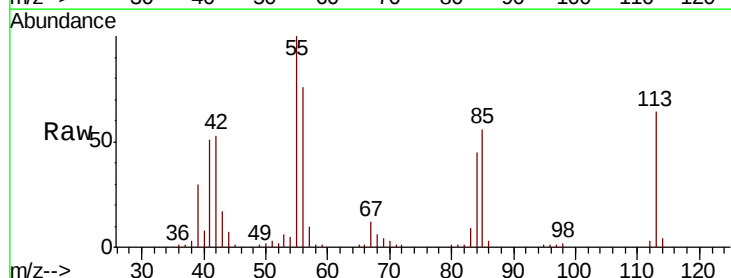
Tgt Ion:113 Resp: 67329

Ion Ratio Lower Upper

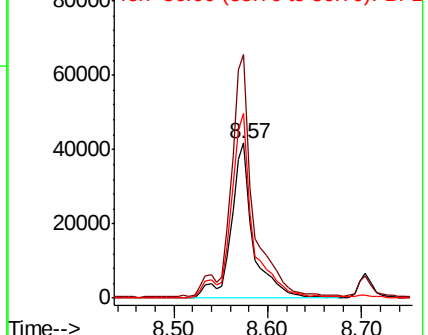
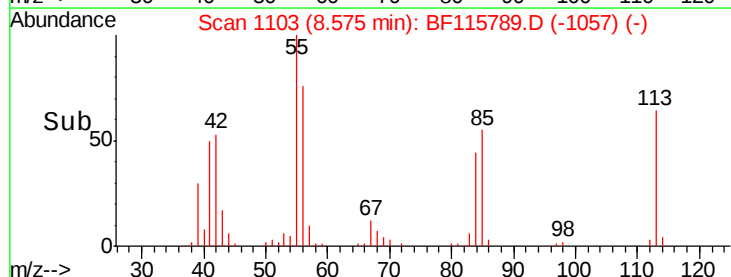
113 100

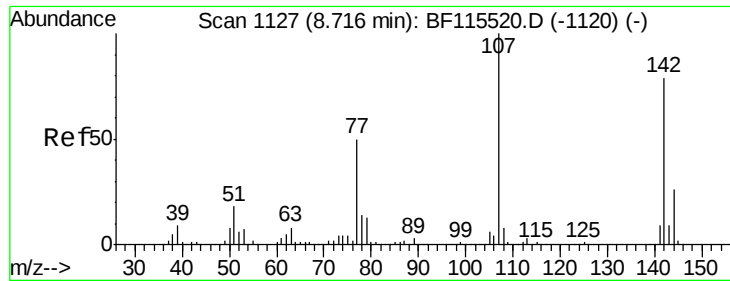
55 157.2 130.5 170.5

56 119.3 93.1 133.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

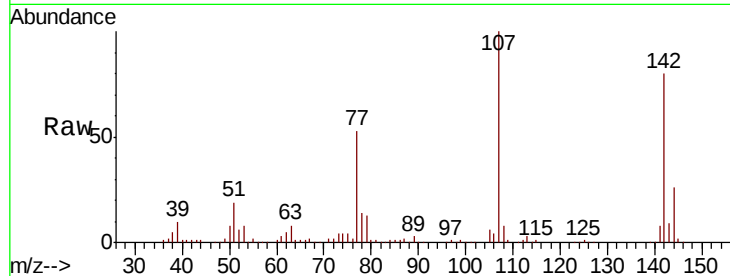




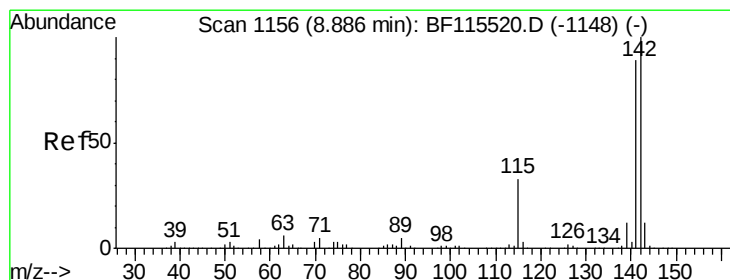
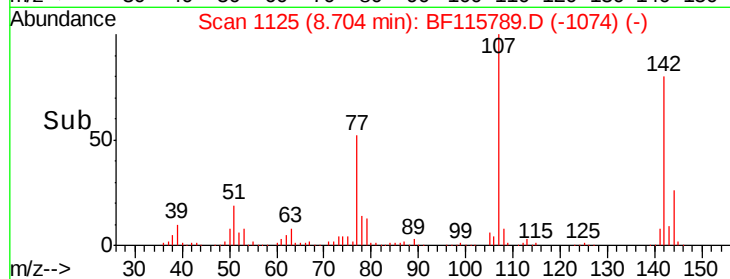
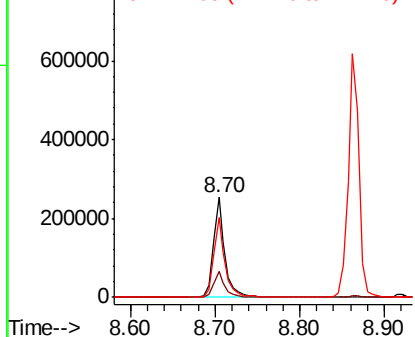
#36
4-Chloro-3-methylphenol
Concen: 36.269 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion:107 Resp: 243427
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 79.6 62.3 93.5

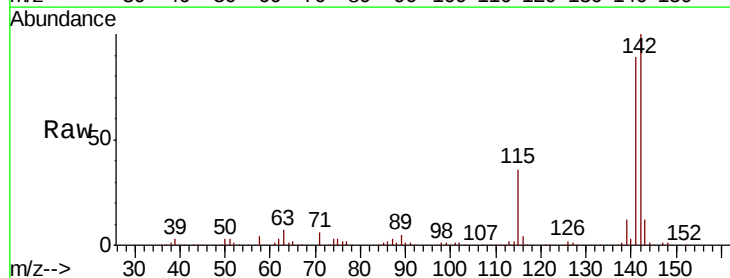


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

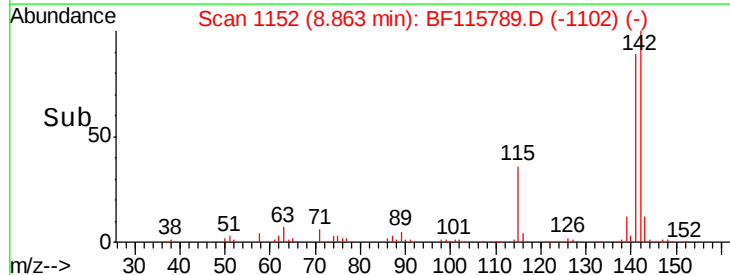
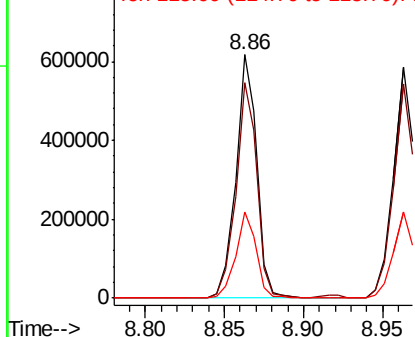


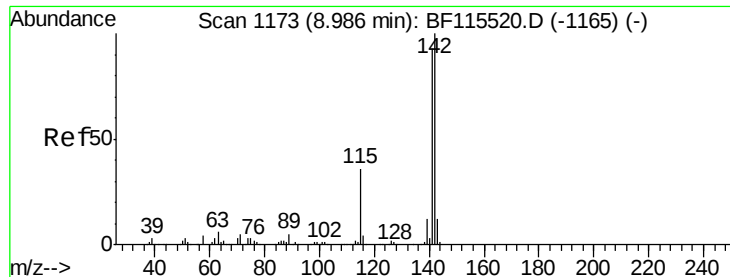
#37
2-Methylnaphthalene
Concen: 40.351 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:142 Resp: 564147
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4
115 35.6 27.7 41.5



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

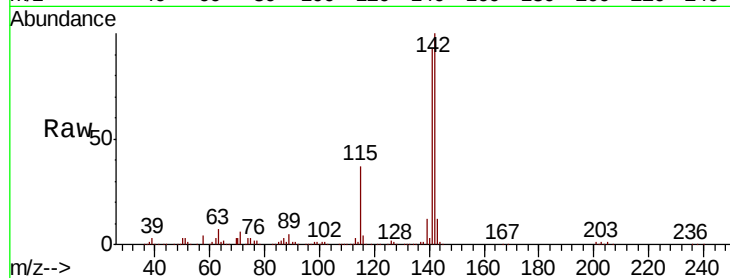




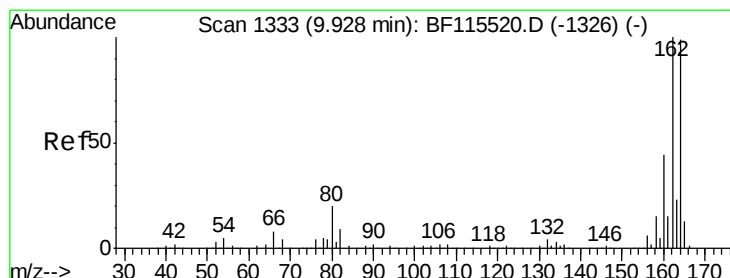
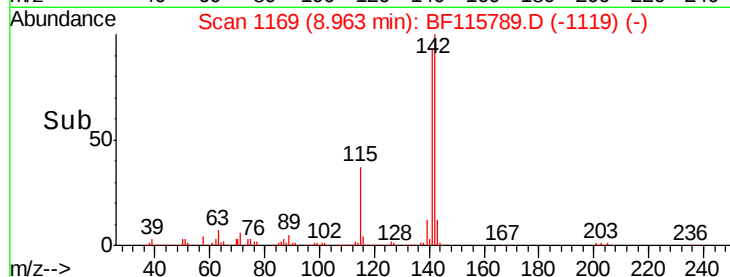
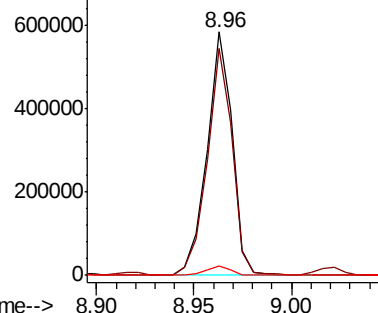
#38
1-Methylnaphthalene
Concen: 39.226 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion:142 Resp: 520912
Ion Ratio Lower Upper
142 100
141 93.0 73.9 110.9
116 4.0 3.0 4.6

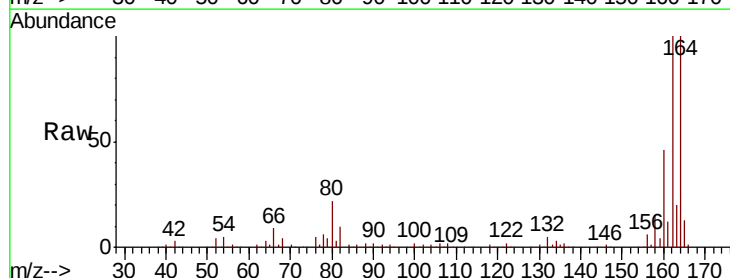


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

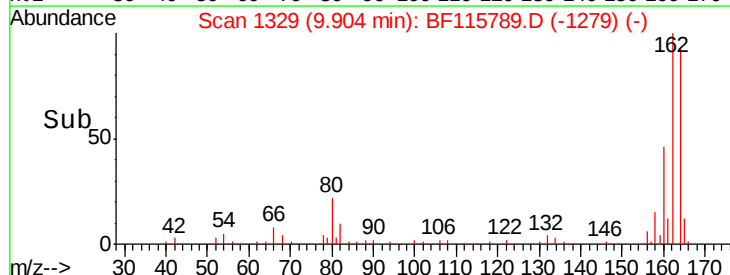
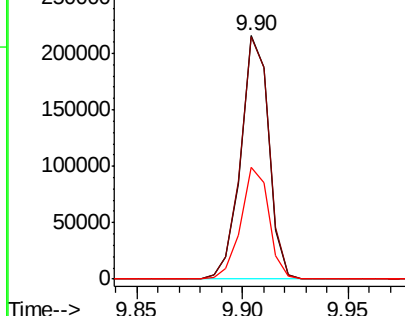


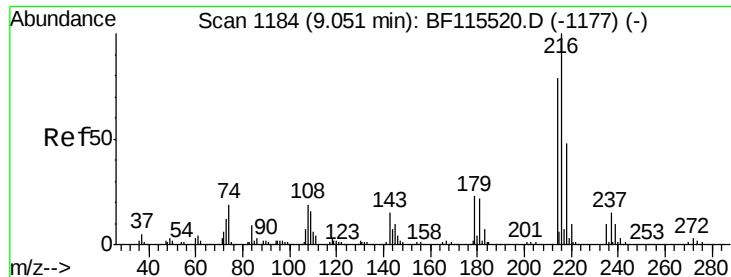
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:164 Resp: 197233
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 45.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.944 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

Tot Ion:216 Resp: 249120

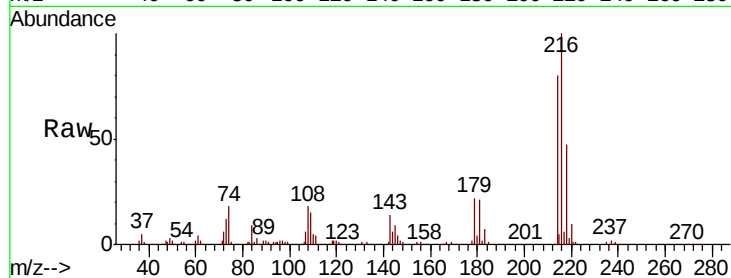
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 22.0 17.4 26.2

108 20.7 16.6 25.0

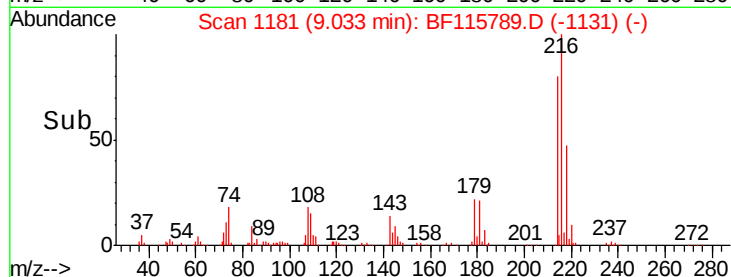
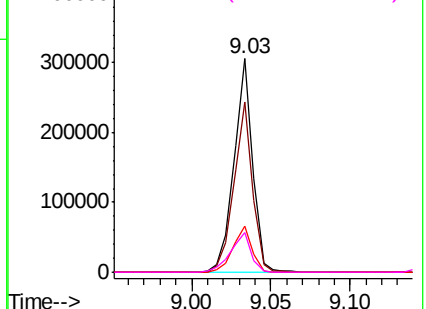


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 36.397 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

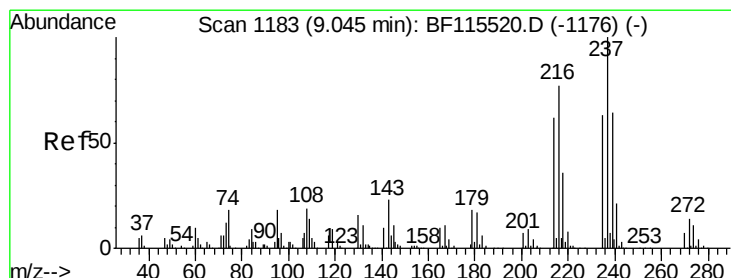
Tgt Ion:237 Resp: 123315

Ion Ratio Lower Upper

237 100

235 61.6 44.3 84.3

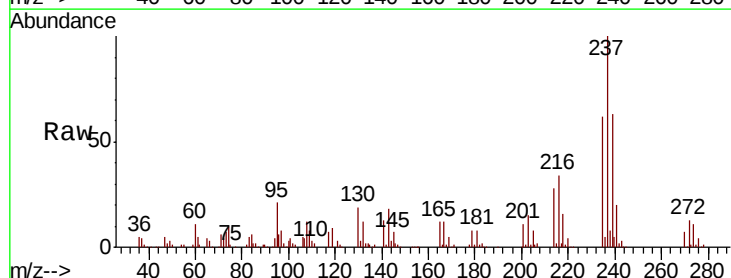
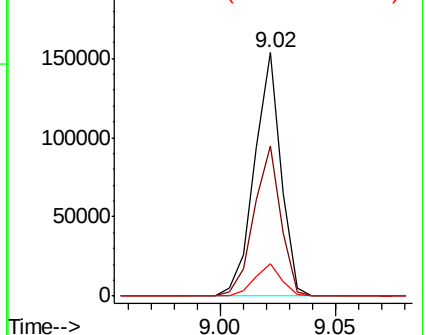
272 13.3 0.0 33.0

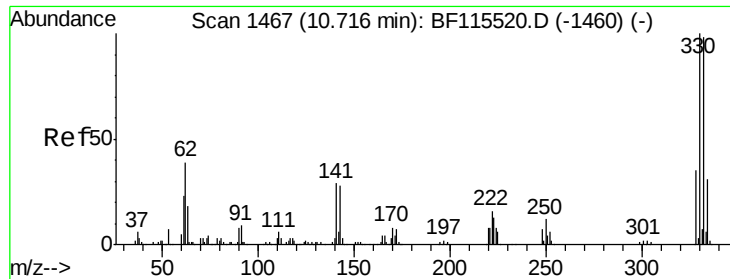


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 104.009 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

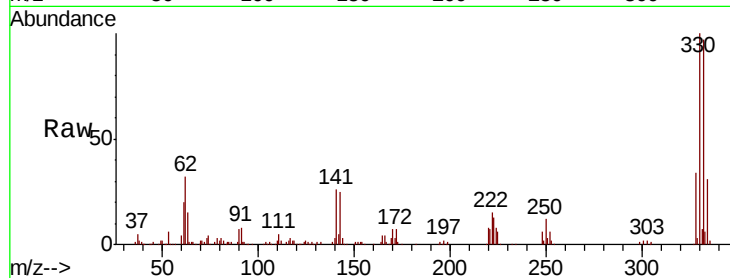
Tot Ion:330 Resp: 239448

Ion Ratio Lower Upper

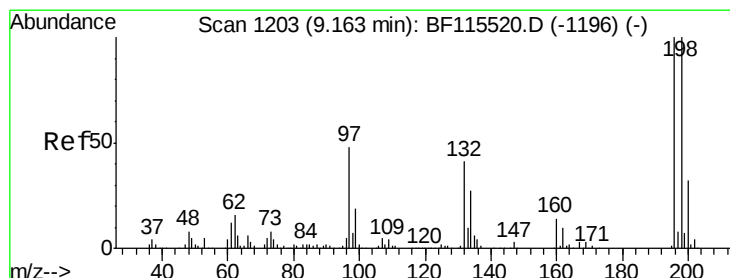
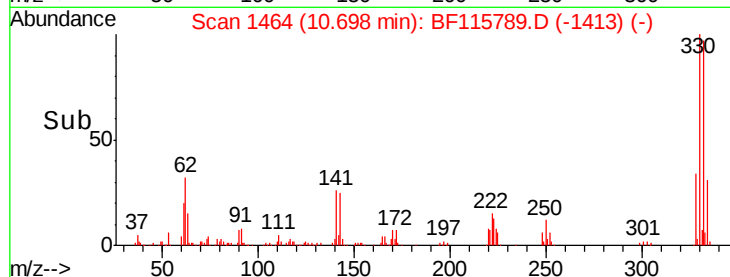
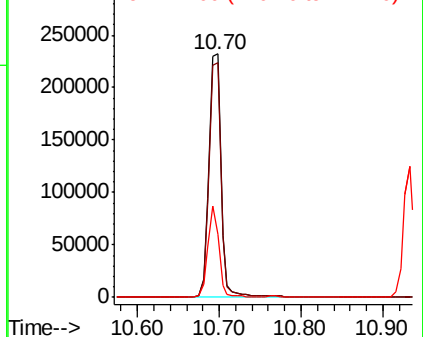
330 100

332 96.5 76.1 114.1

141 34.0 25.9 38.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 34.447 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

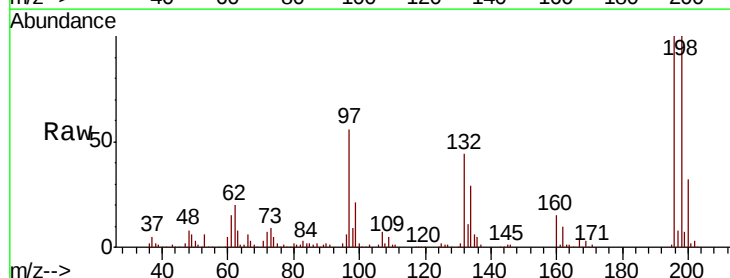
Tgt Ion:196 Resp: 149617

Ion Ratio Lower Upper

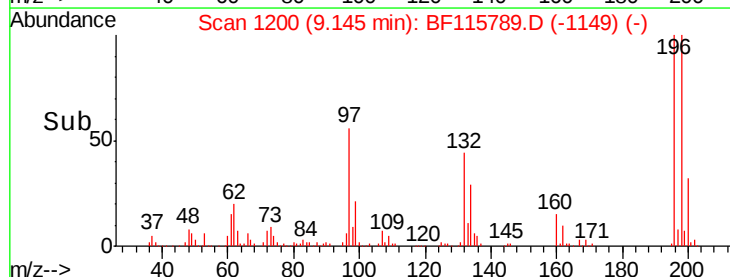
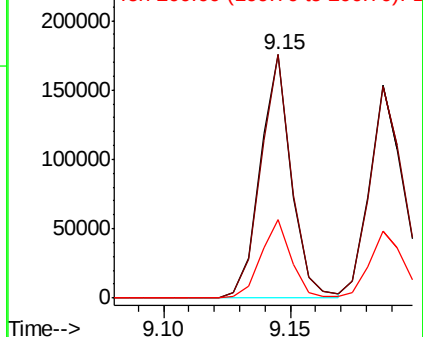
196 100

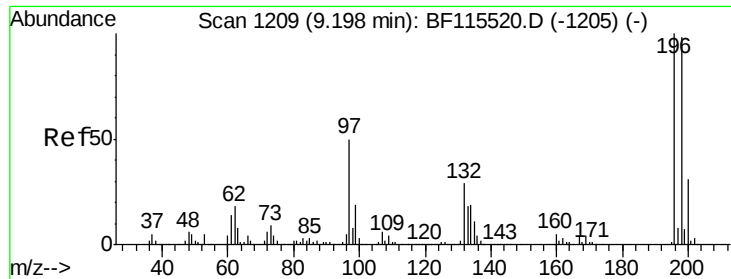
198 100.0 79.8 119.6

200 32.4 25.4 38.0



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

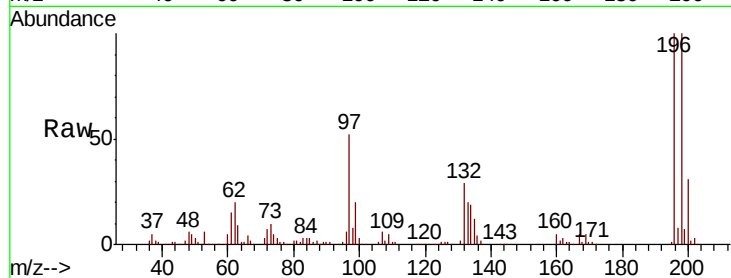




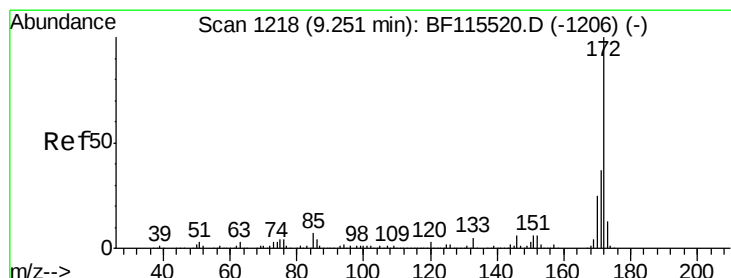
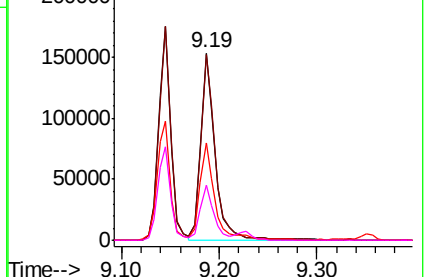
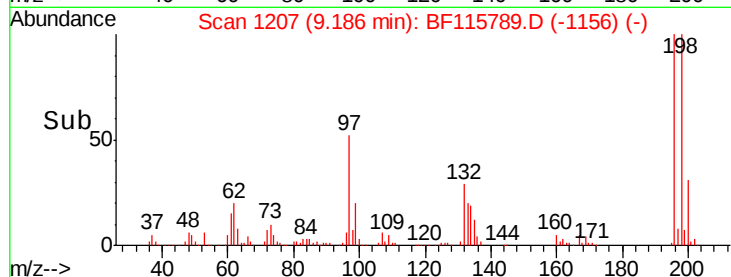
#44
 2,4,5-Trichlorophenol
 Concen: 35.041 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

Tot Ion:196 Resp: 155866
 Ion Ratio Lower Upper
 196 100
 198 99.6 78.2 117.2
 97 51.7 41.9 62.9
 132 29.3 24.1 36.1

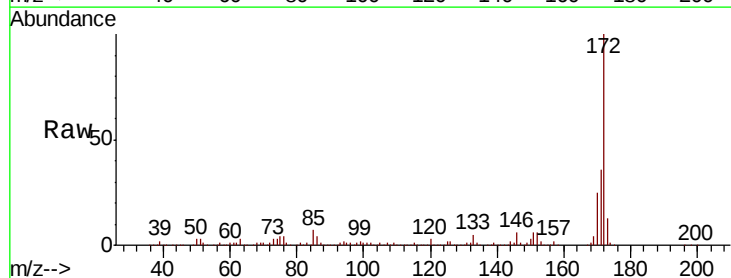


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

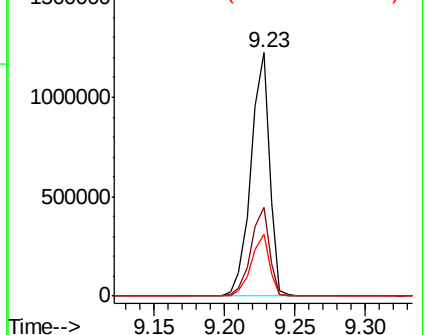
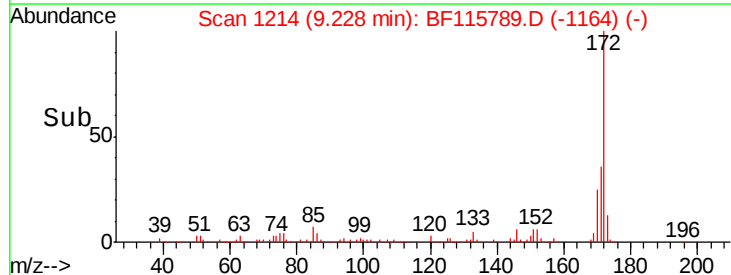


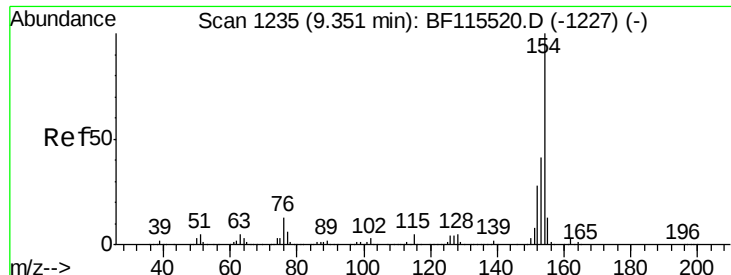
#45
 2-Fluorobiphenyl
 Concen: 101.201 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion:172 Resp: 1140397
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 25.2 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

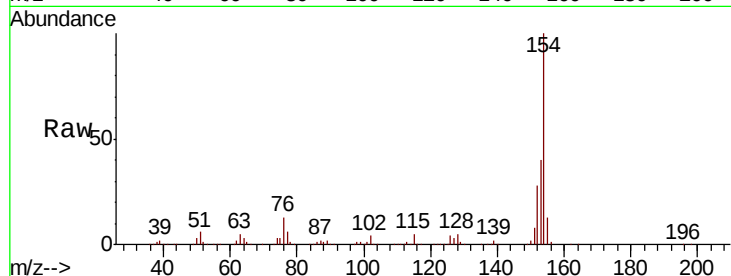




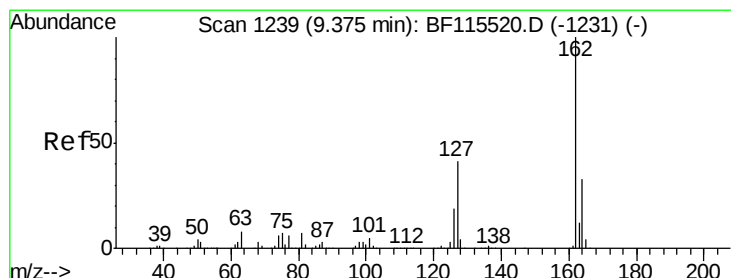
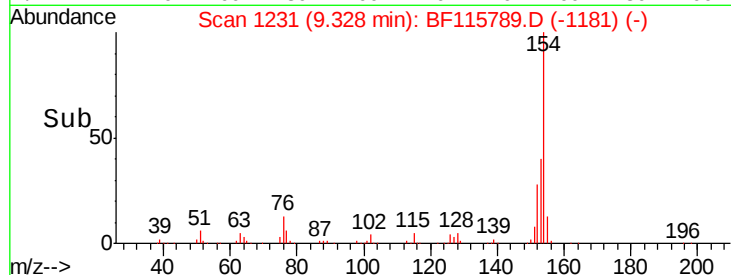
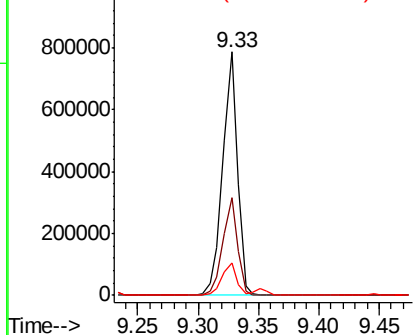
#46
1,1'-Biphenyl
Concen: 43.180 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion:154 Resp: 665814
Ion Ratio Lower Upper
154 100
153 40.2 21.4 61.4
76 13.4 0.0 33.2

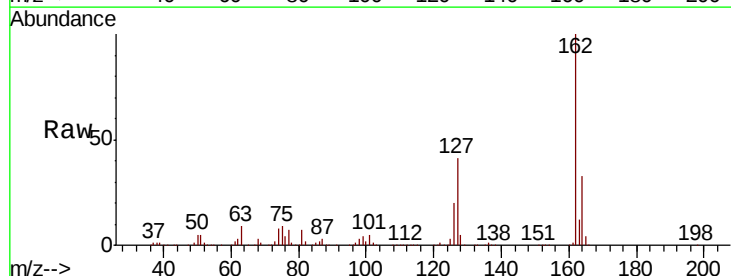


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

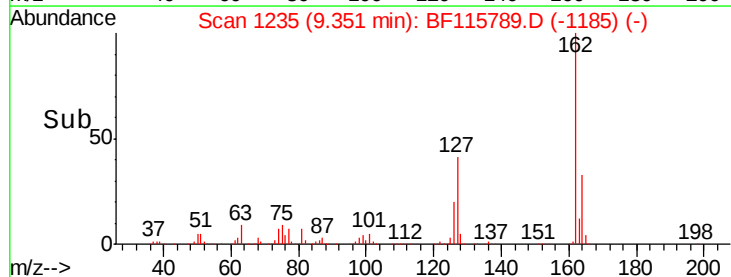
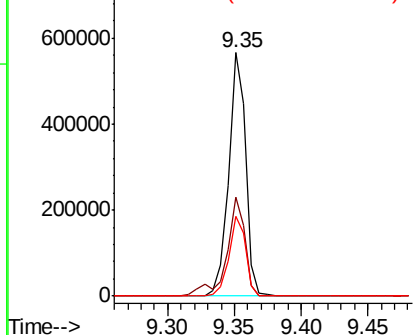


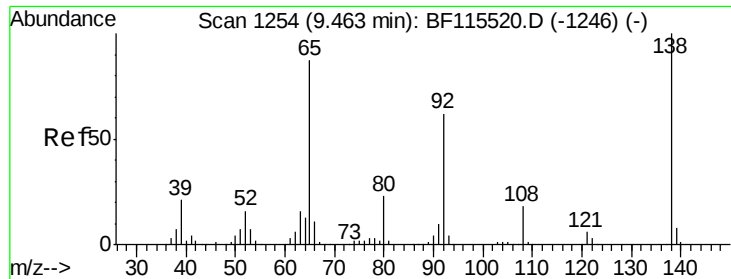
#47
2-Chloronaphthalene
Concen: 39.719 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:162 Resp: 509954
Ion Ratio Lower Upper
162 100
127 40.9 32.1 48.1
164 32.6 26.2 39.4



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

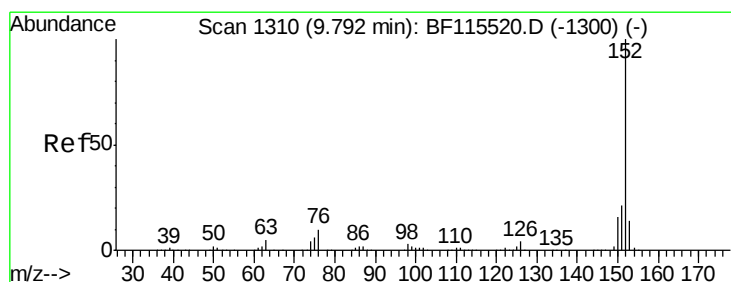
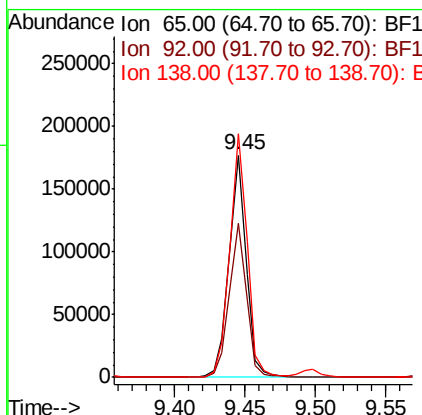
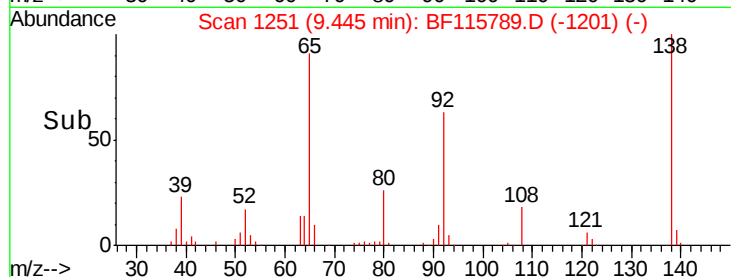
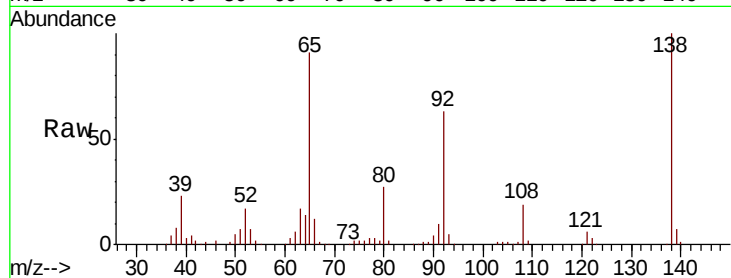




#48
2-Nitroaniline
Concen: 38.453 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

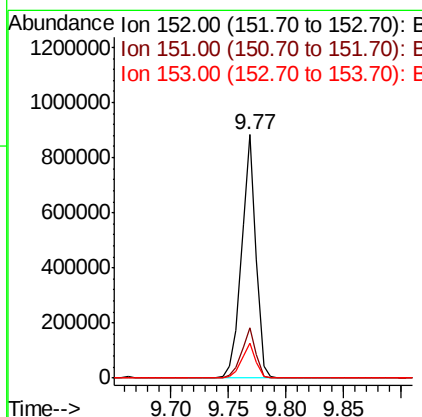
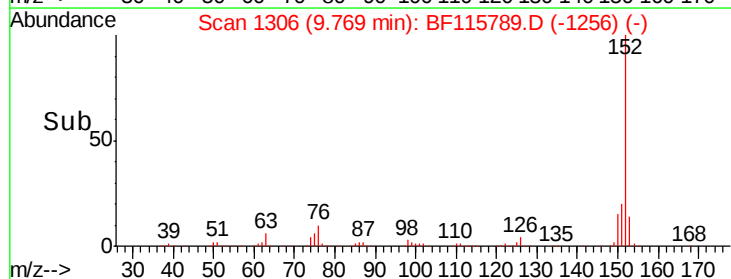
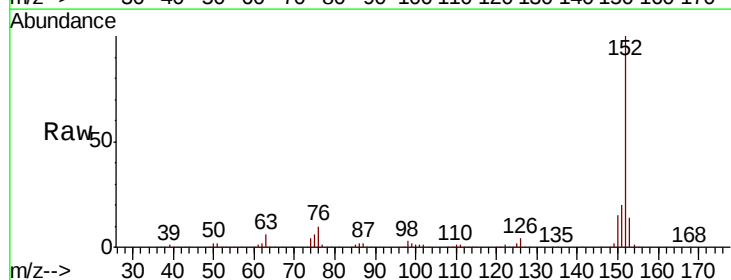
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

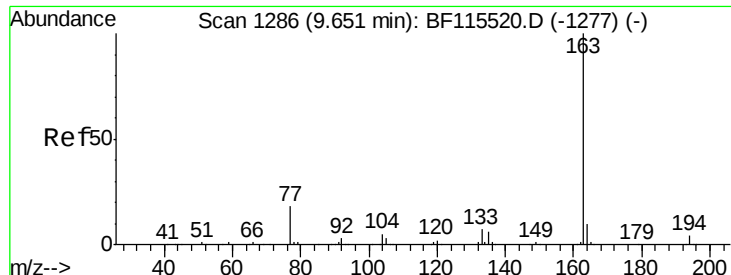
Tot Ion: 65 Resp: 152807
Ion Ratio Lower Upper
65 100
92 69.1 56.9 85.3
138 109.5 91.4 137.2



#49
Acenaphthylene
Concen: 39.957 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion: 152 Resp: 760157
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.2 11.5 17.3

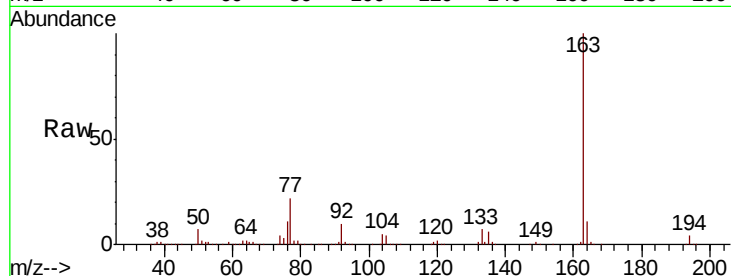




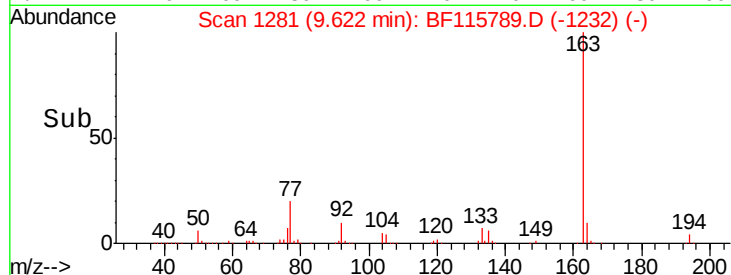
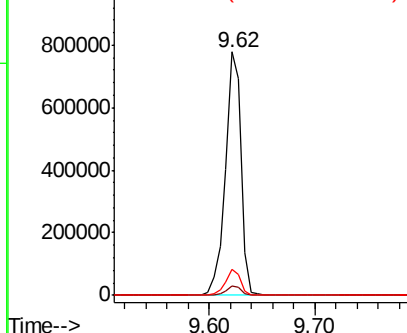
#50
Dimethylphthalate
Concen: 53.799 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion:163 Resp: 798333
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.6 8.3 12.5

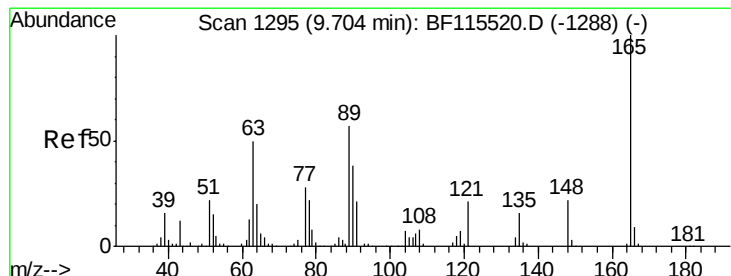


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

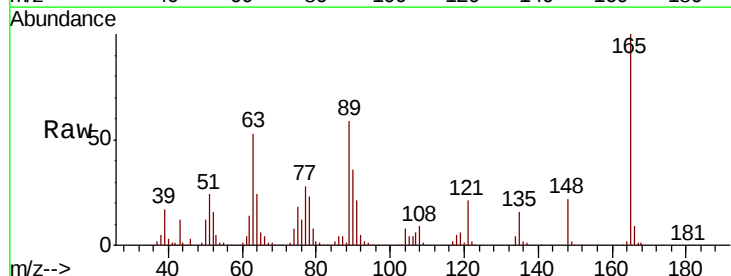
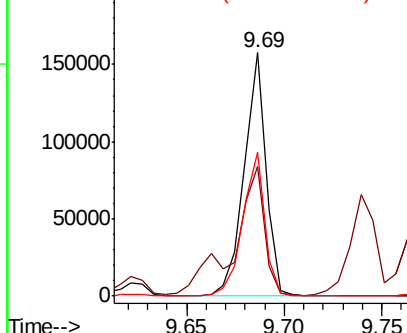


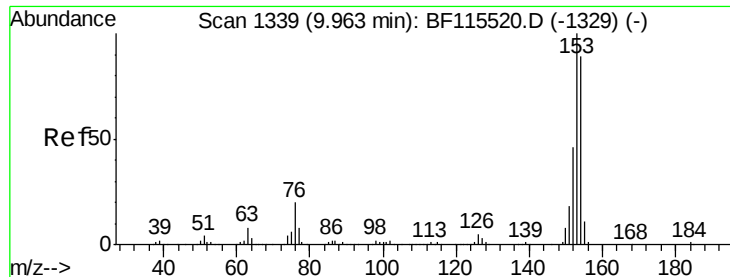
#51
2,6-Dinitrotoluene
Concen: 36.536 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:165 Resp: 123210
Ion Ratio Lower Upper
165 100
63 53.5 43.5 65.3
89 59.2 46.3 69.5



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: 36.502 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

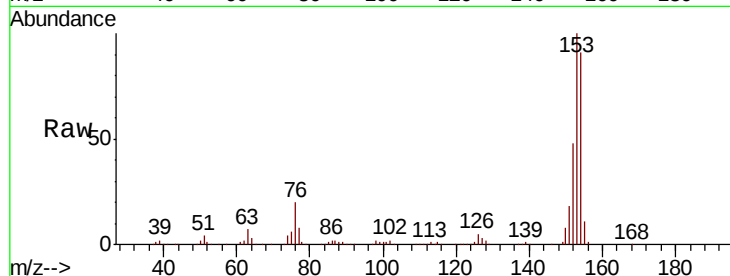
Tot Ion:154 Resp: 448336

Ion Ratio Lower Upper

154 100

153 110.0 88.1 132.1

152 53.0 42.0 63.0

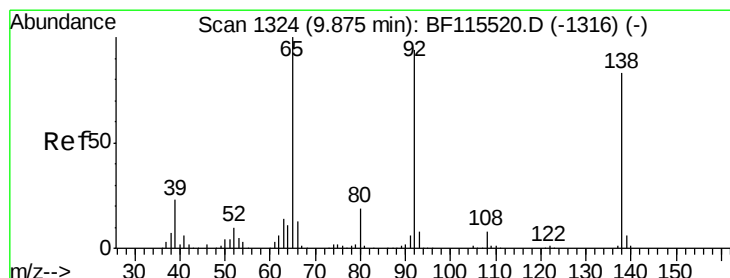
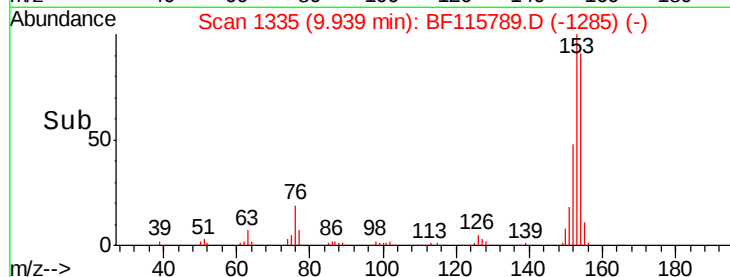
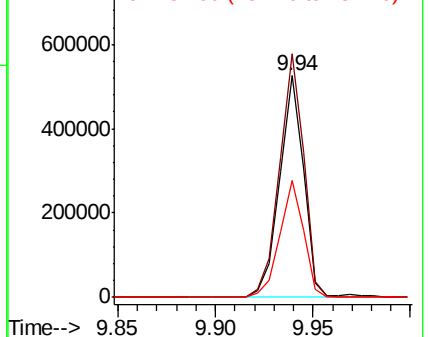


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 24.262 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

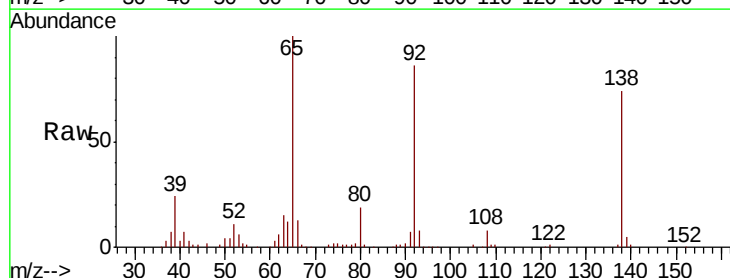
Tgt Ion:138 Resp: 93501

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

92 116.3 87.2 130.8

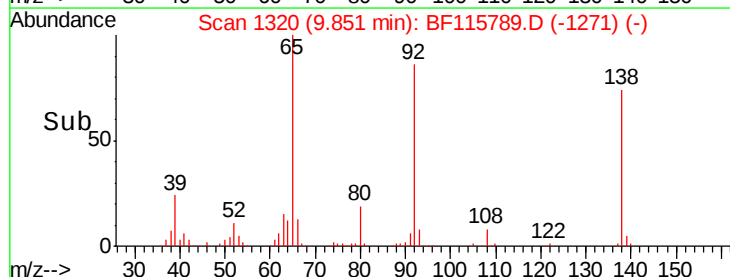
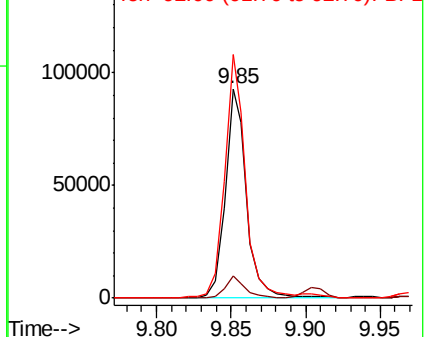


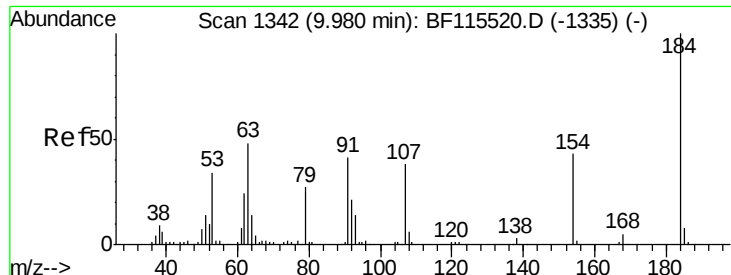
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

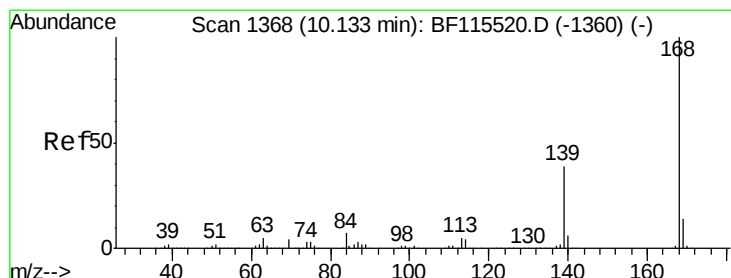
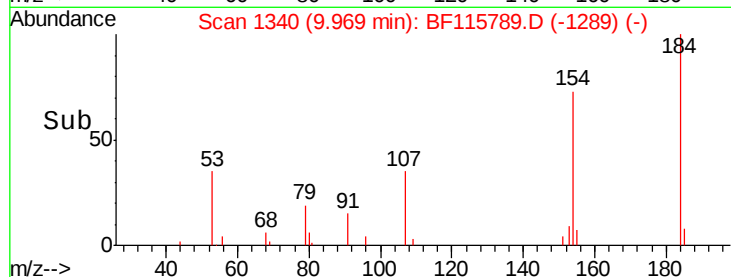
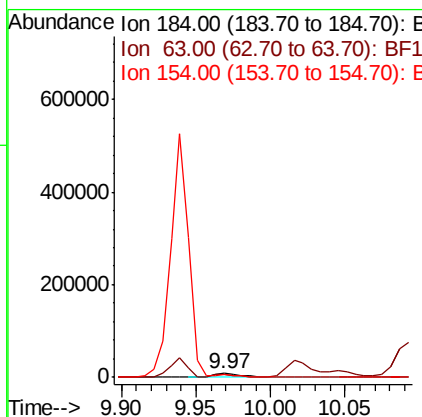
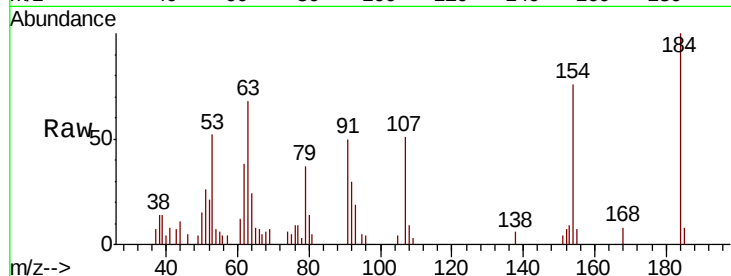




#54
 2,4-Dinitrophenol
 Concen: 7.247 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

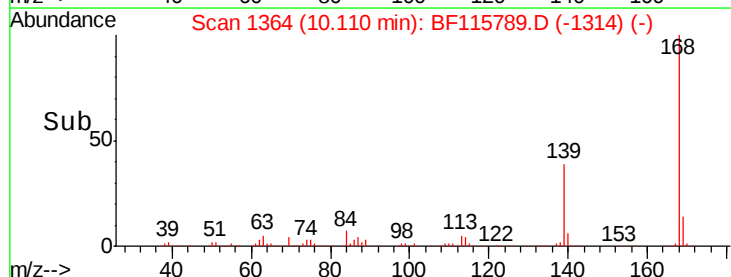
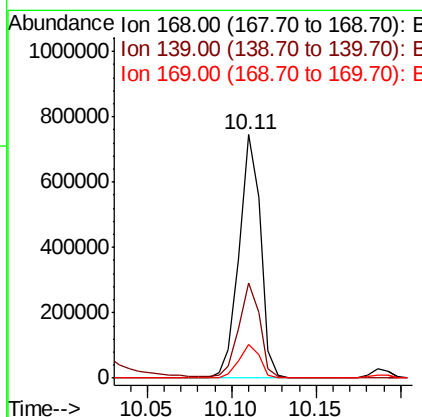
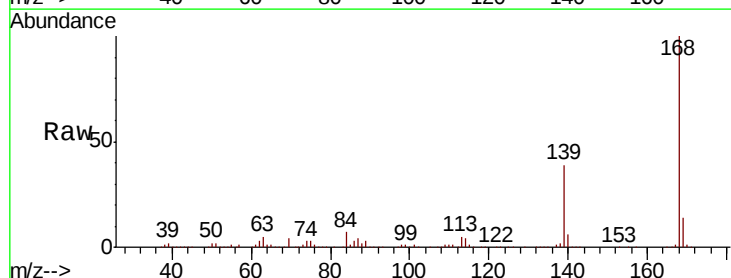
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

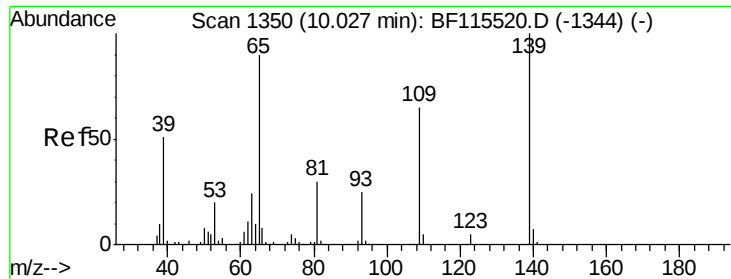
Tot Ion:184 Resp: 12548
 Ion Ratio Lower Upper
 184 100
 63 67.6 55.2 82.8
 154 76.4 51.4 77.0



#55
 Dibenzofuran
 Concen: 37.771 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion:168 Resp: 658828
 Ion Ratio Lower Upper
 168 100
 139 38.9 31.4 47.2
 169 13.7 11.3 16.9

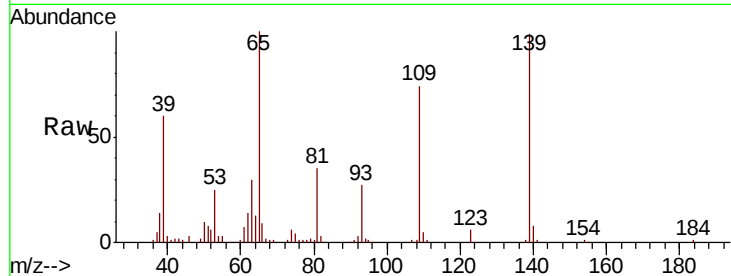




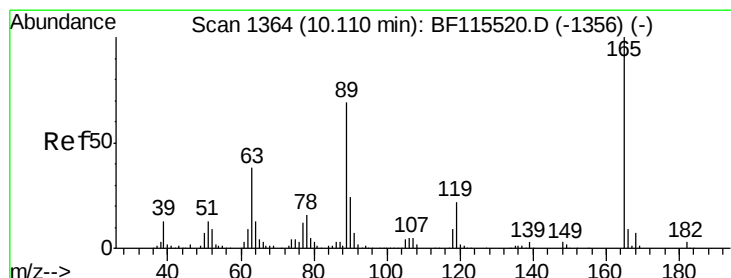
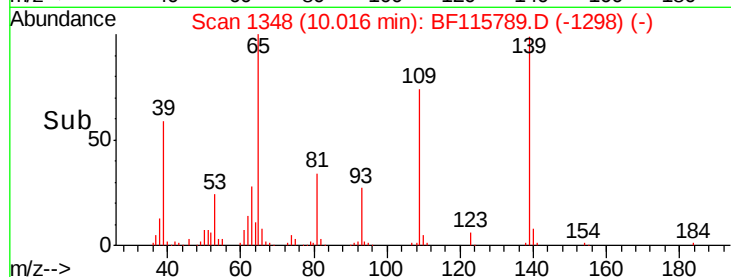
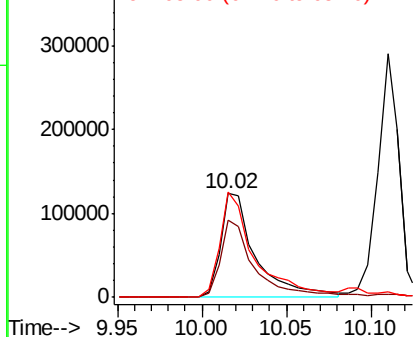
#56
4-Nitrophenol
Concen: 60.766 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion:139 Resp: 178572
Ion Ratio Lower Upper
139 100
109 74.6 51.2 91.2
65 101.1 76.0 116.0

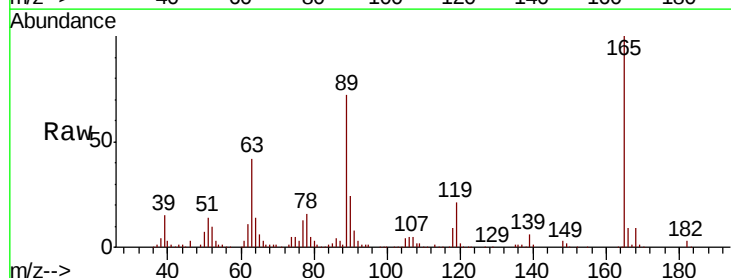


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

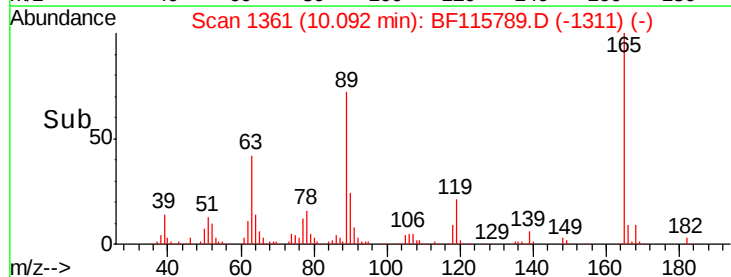
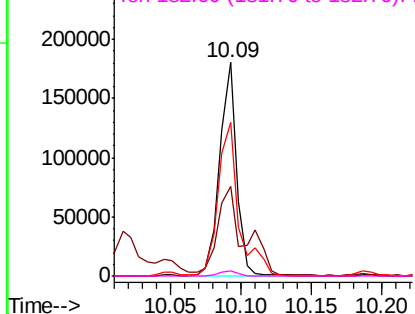


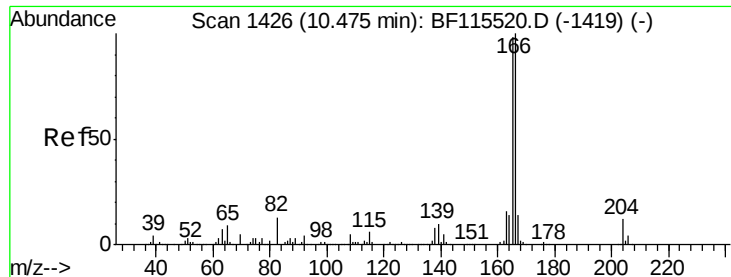
#57
2,4-Dinitrotoluene
Concen: 34.680 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:165 Resp: 151517
Ion Ratio Lower Upper
165 100
63 42.1 33.4 50.2
89 71.7 57.3 85.9
182 2.7 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

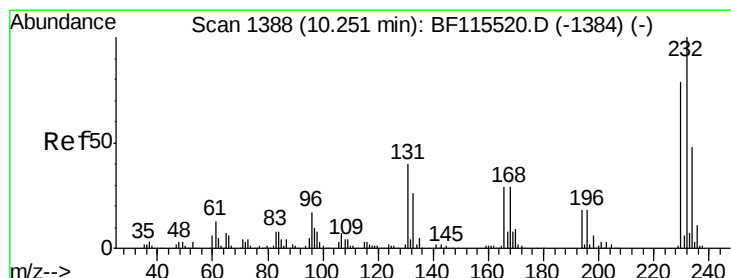
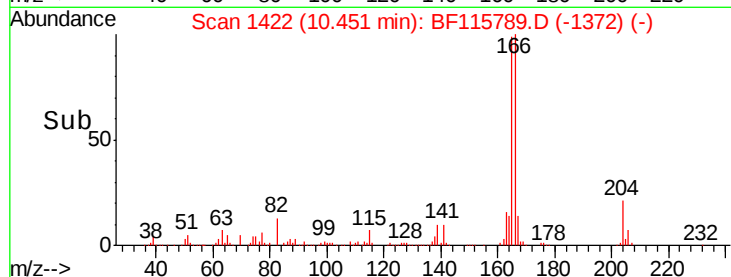
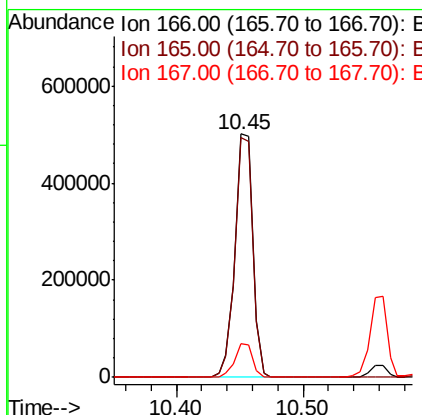
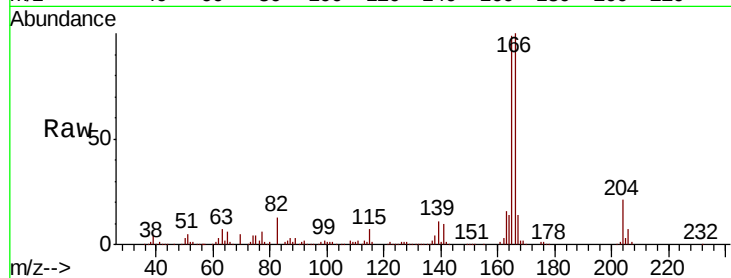




#58
 Fluorene
 Concen: 39.027 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

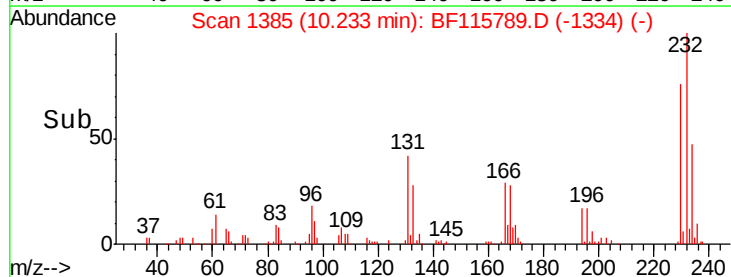
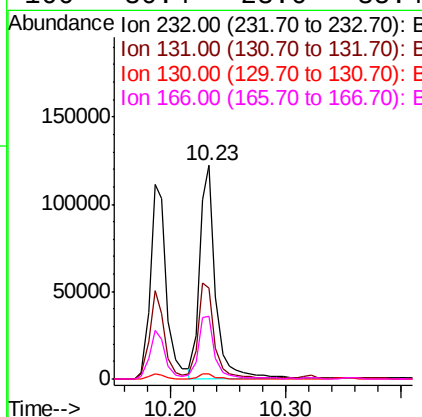
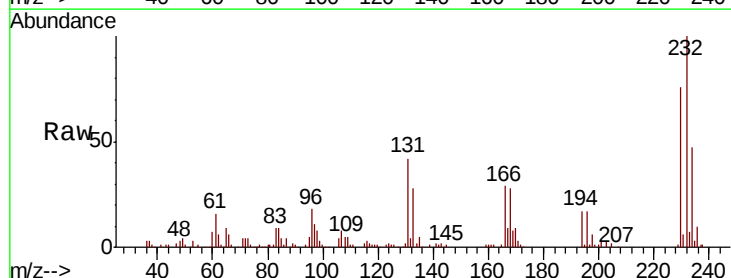
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

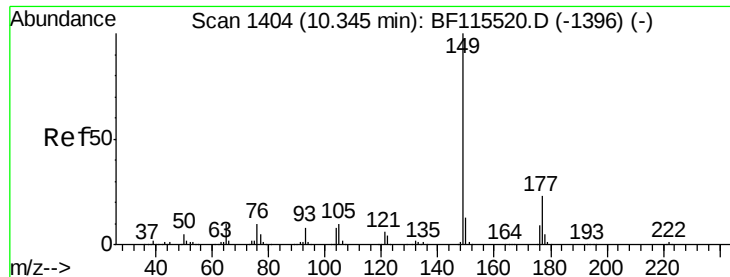
Tot Ion:166 Resp: 486645
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.0 118.4
 167 13.9 11.0 16.6



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.907 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion:232 Resp: 118644
 Ion Ratio Lower Upper
 232 100
 131 46.3 35.8 53.8
 130 2.4 1.8 2.6
 166 30.4 23.6 35.4

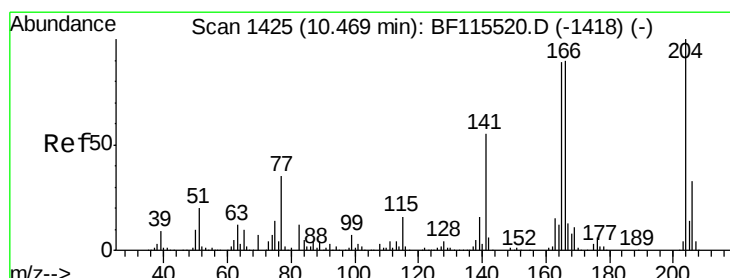
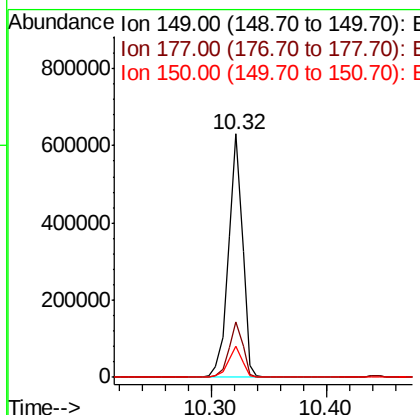
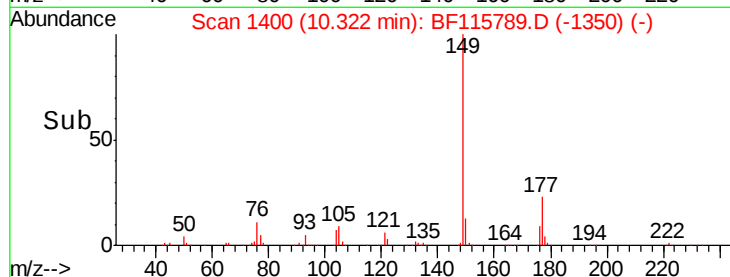
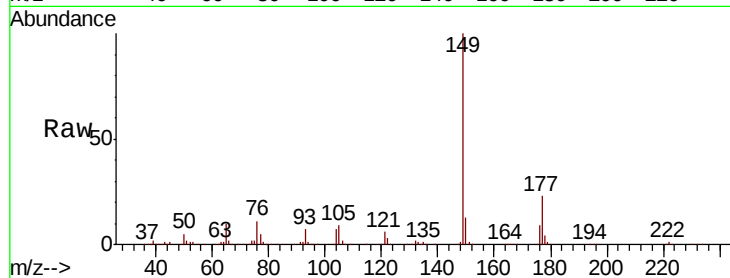




#60
Diethylphthalate
Concen: 38.108 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

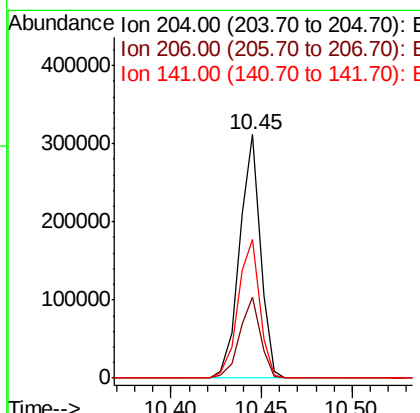
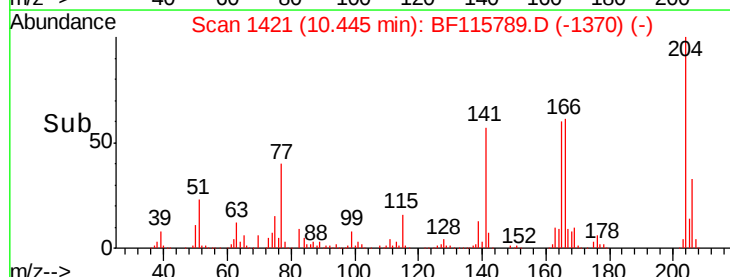
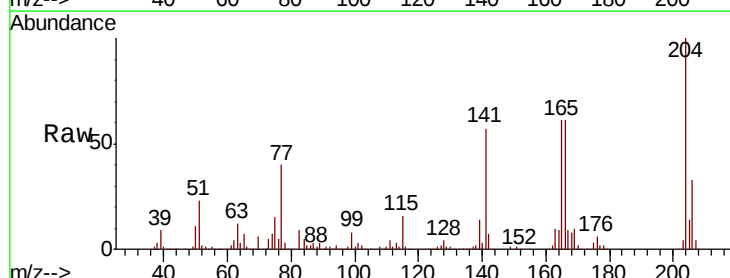
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

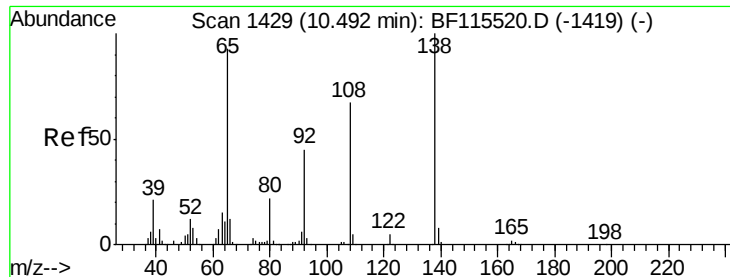
Tot Ion:149 Resp: 529844
Ion Ratio Lower Upper
149 100
177 22.6 19.0 28.4
150 12.6 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 35.991 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:204 Resp: 248875
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 56.9 47.3 70.9





#62

4-Nitroaniline

Concen: 31.820 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

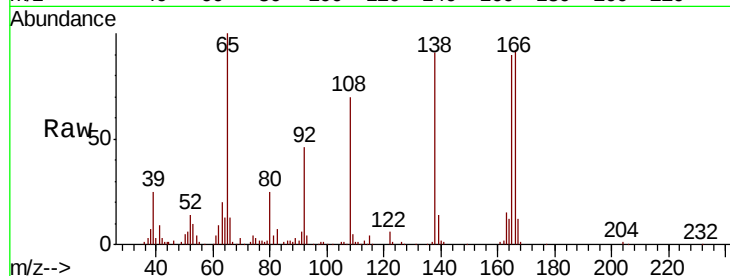
Tot Ion:138 Resp: 117624

Ion Ratio Lower Upper

138 100

92 50.5 30.3 70.3

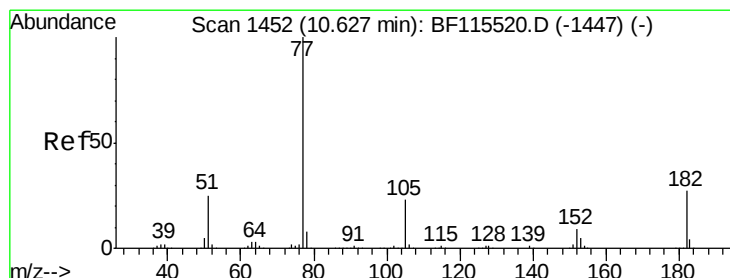
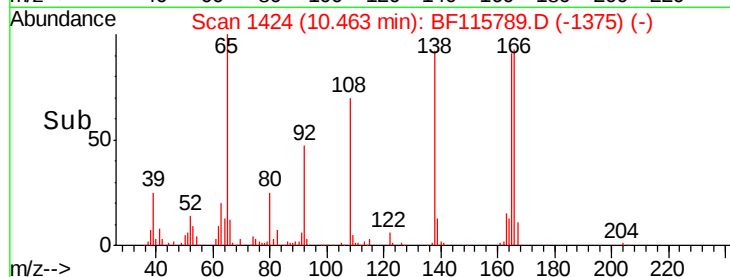
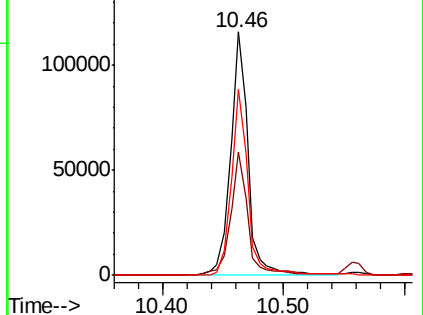
108 76.4 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 39.113 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Tgt Ion: 77 Resp: 527481

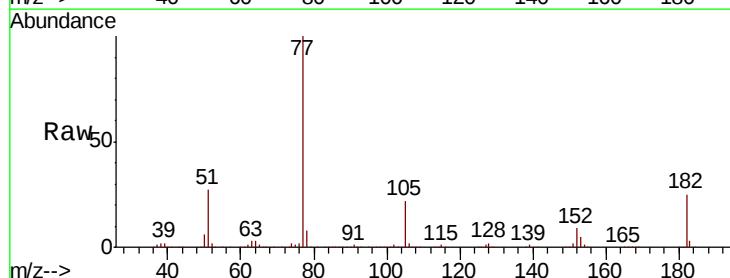
Ion Ratio Lower Upper

77 100

182 24.5 6.9 46.9

105 22.1 3.1 43.1

51 26.8 6.7 46.7

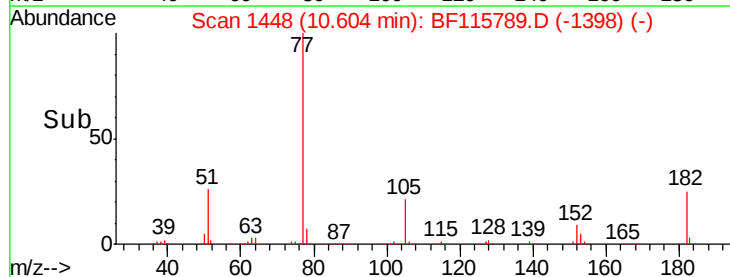
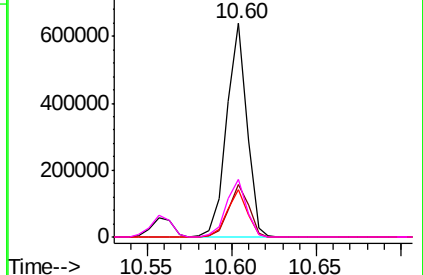


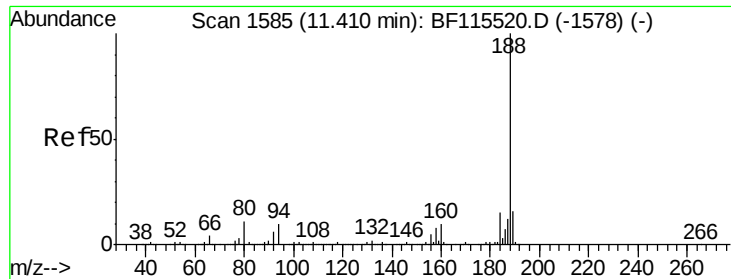
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

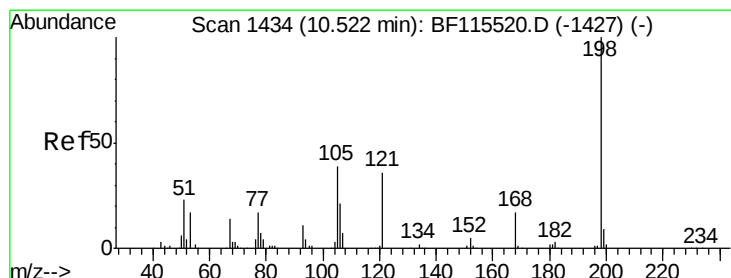
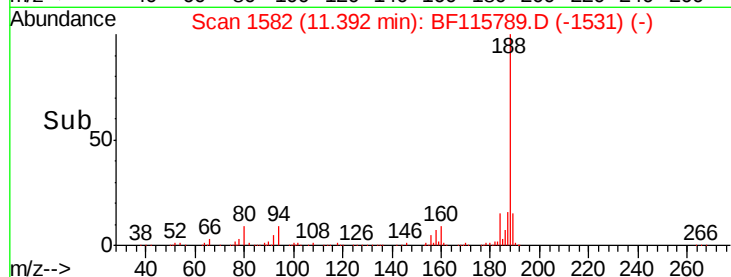
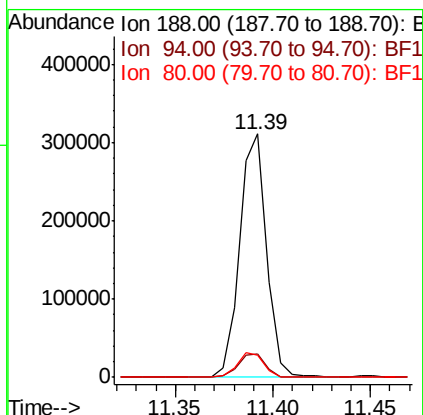
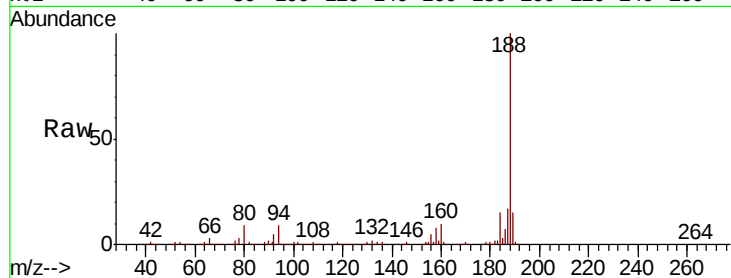




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

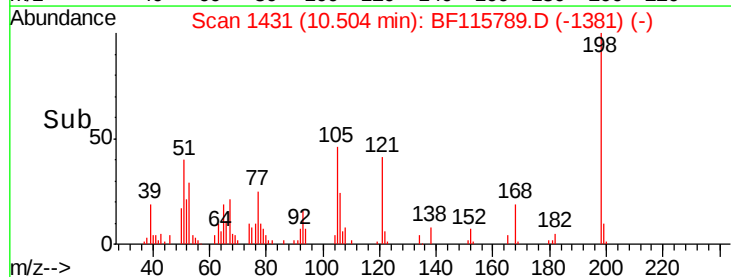
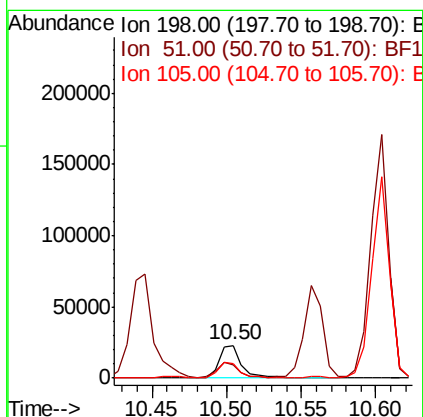
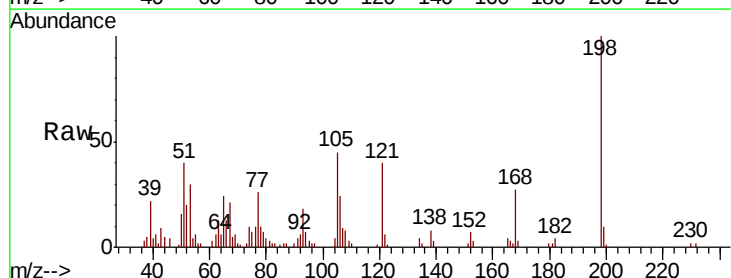
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

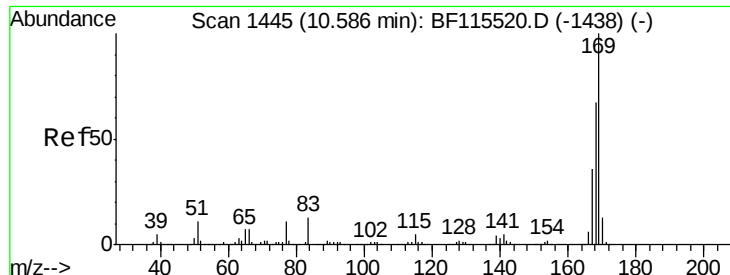
Tot Ion:188 Resp: 295926
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.3 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 13.360 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:198 Resp: 24155
Ion Ratio Lower Upper
198 100
51 39.6 20.3 60.3
105 45.0 24.7 64.7





#66

n-Nitrosodiphenylamine

Concen: 46.545 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

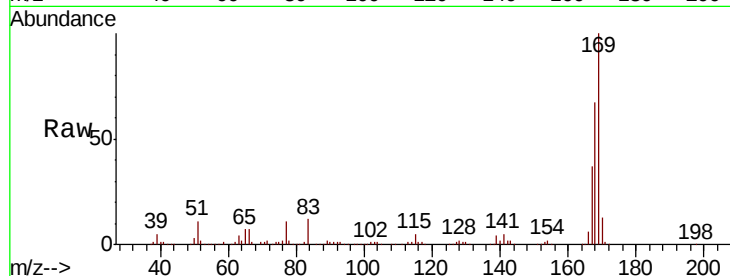
Tot Ion:169 Resp: 428455

Ion Ratio Lower Upper

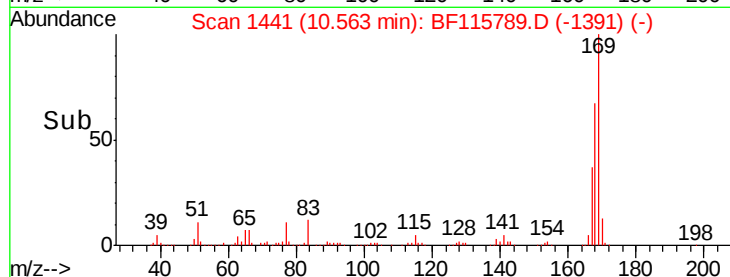
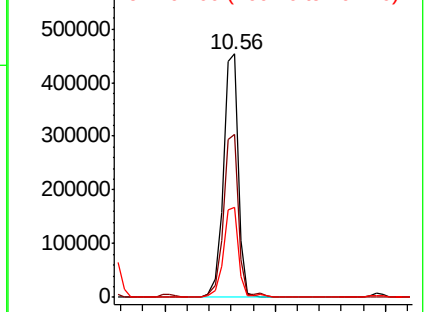
169 100

168 66.9 53.4 80.0

167 36.7 29.1 43.7



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: 41.759 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

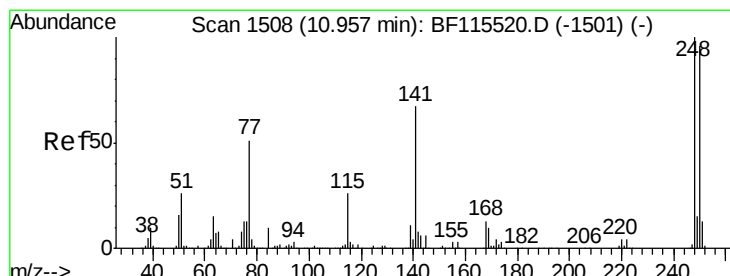
Tgt Ion:248 Resp: 141217

Ion Ratio Lower Upper

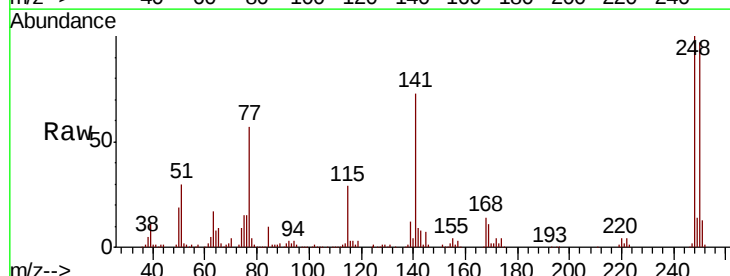
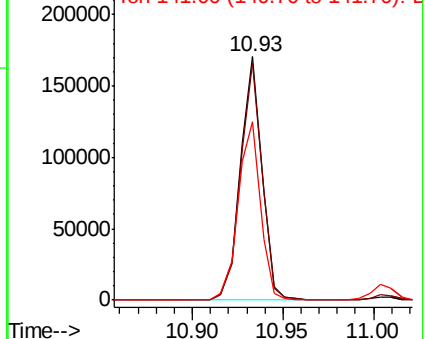
248 100

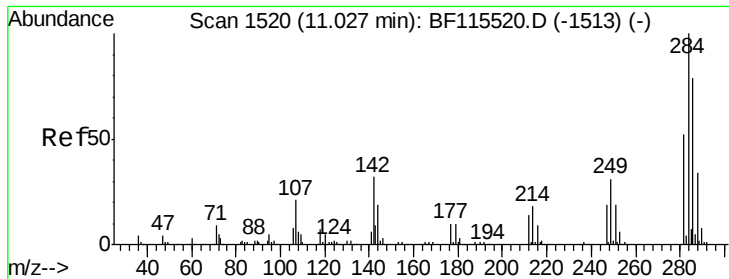
250 97.4 77.0 115.4

141 73.4 52.1 78.1



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: 39.266 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

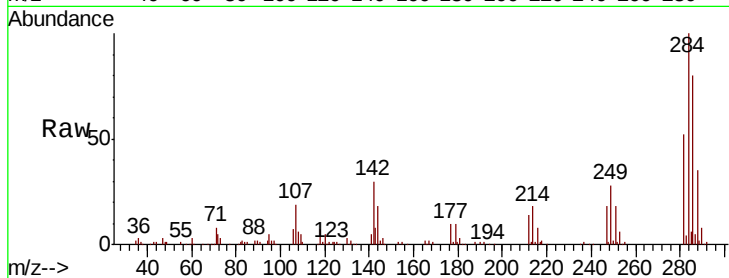
Tot Ion:284 Resp: 151643

Ion Ratio Lower Upper

284 100

142 29.8 21.8 32.8

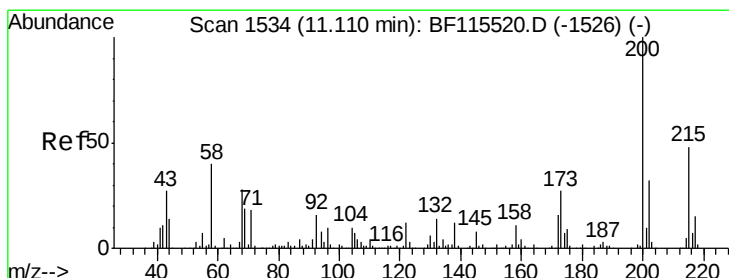
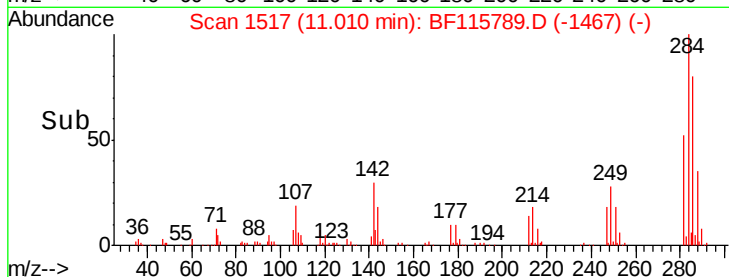
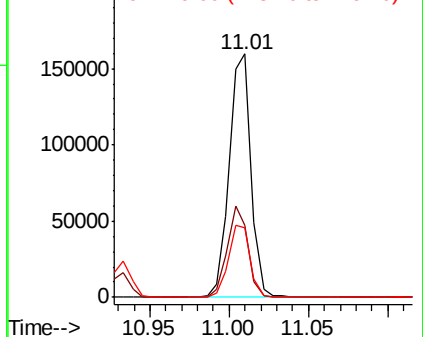
249 28.5 23.1 34.7



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: 41.556 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

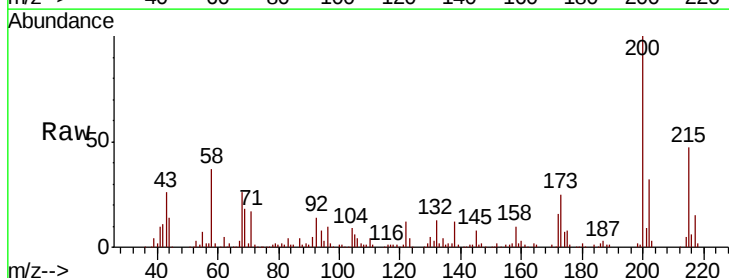
Tgt Ion:200 Resp: 125491

Ion Ratio Lower Upper

200 100

173 24.8 6.9 46.9

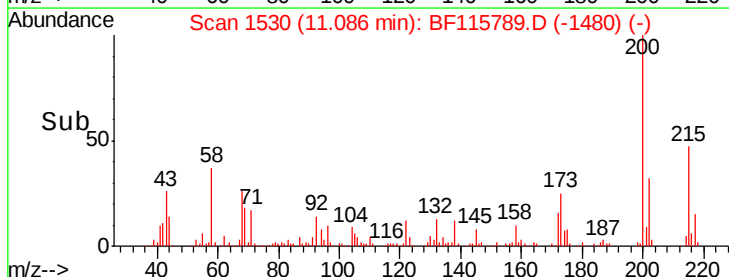
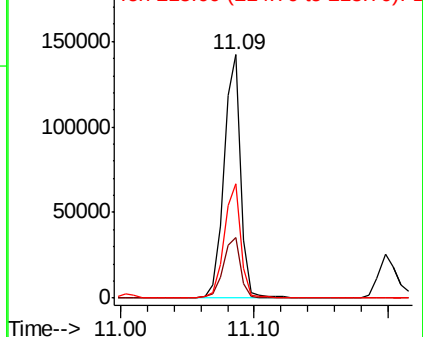
215 46.9 26.6 66.6

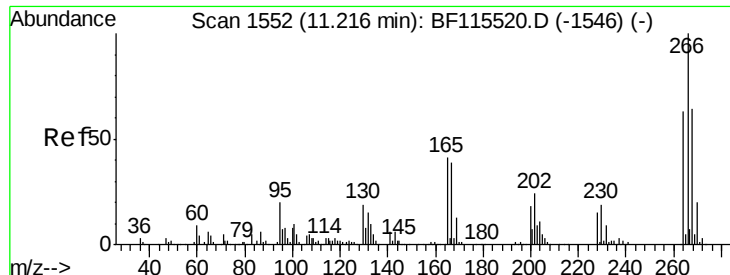


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

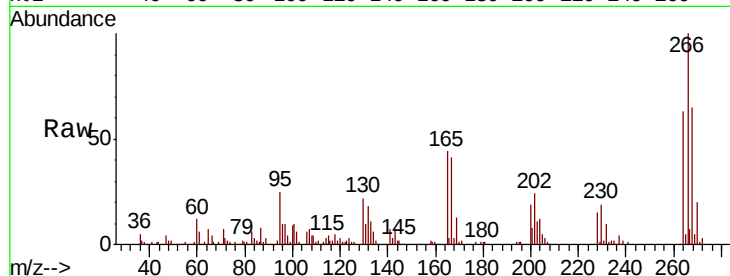




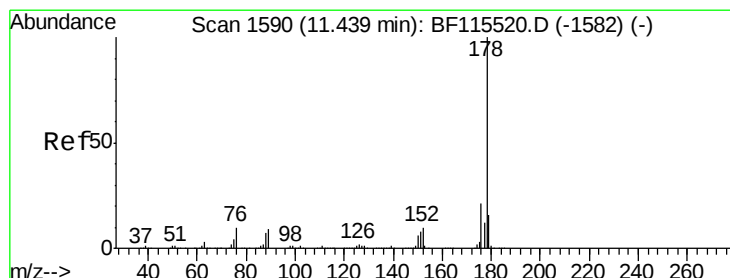
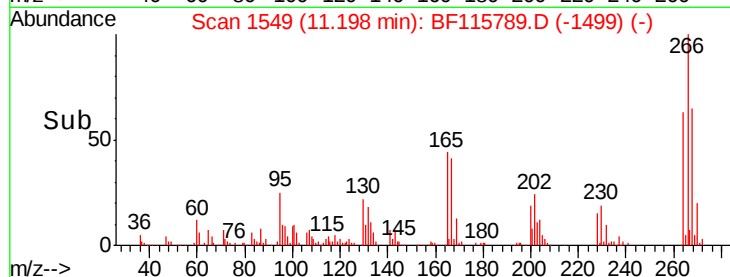
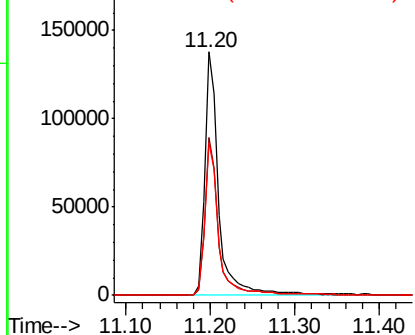
#70
 Pentachlorophenol
 Concen: 66.307 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

Tot Ion:266 Resp: 156620
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.2 76.8
 264 62.9 50.0 75.0

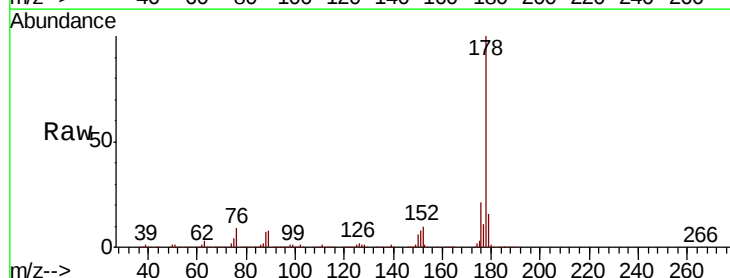


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

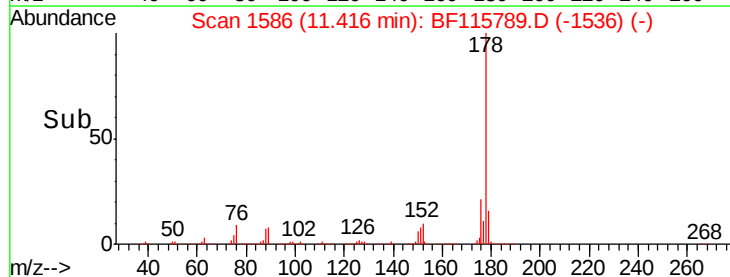
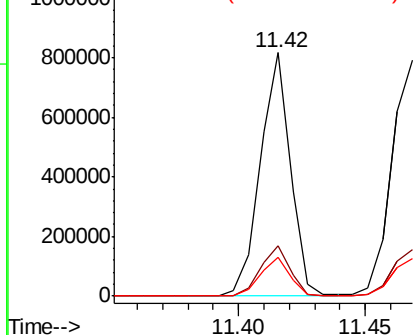


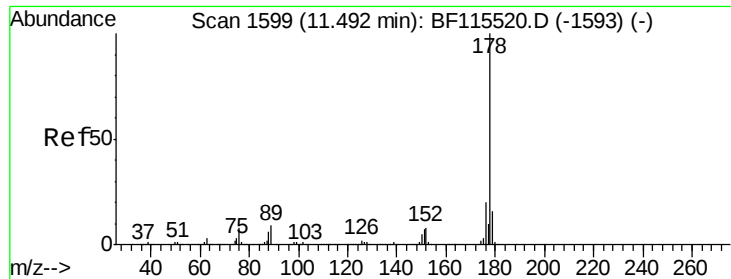
#71
 Phenanthrene
 Concen: 44.821 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion:178 Resp: 679878
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.4 24.6
 179 15.9 12.7 19.1



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





#72

Anthracene

Concen: 44.864 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

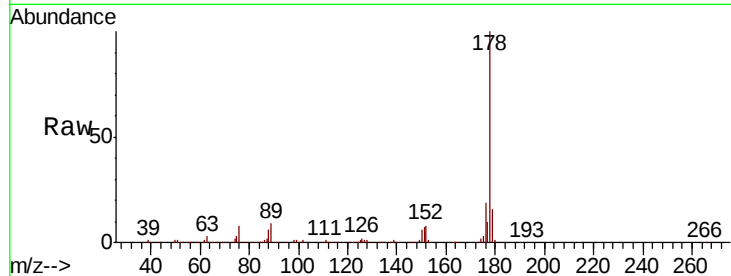
Tot Ion:178 Resp: 703310

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

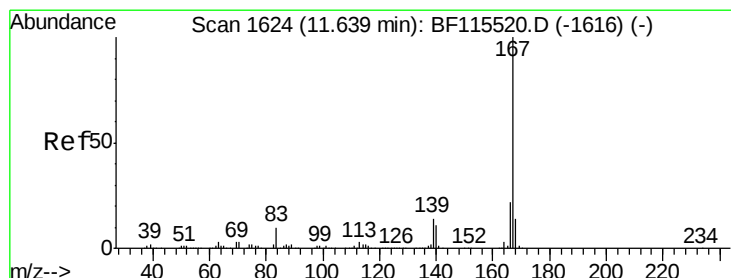
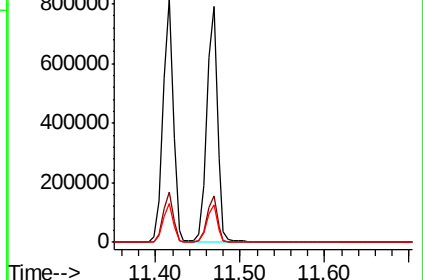
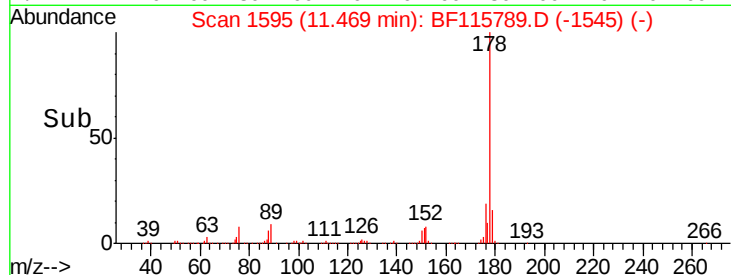
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 44.596 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

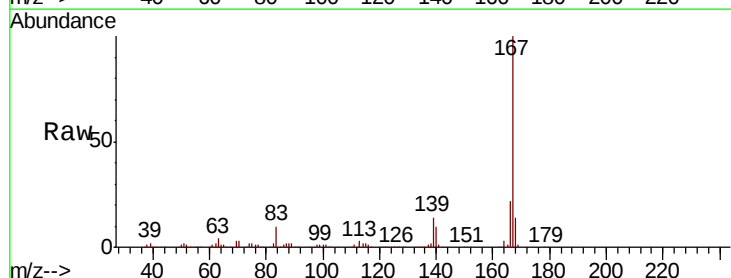
Tgt Ion:167 Resp: 613058

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

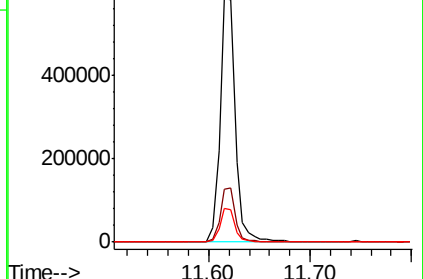
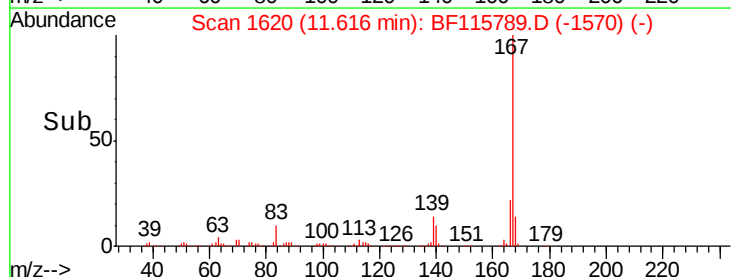
139 13.7 11.1 16.7

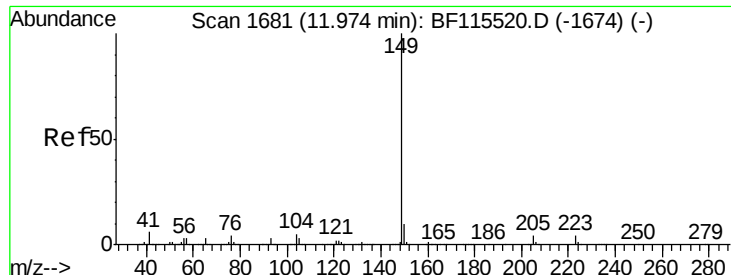


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

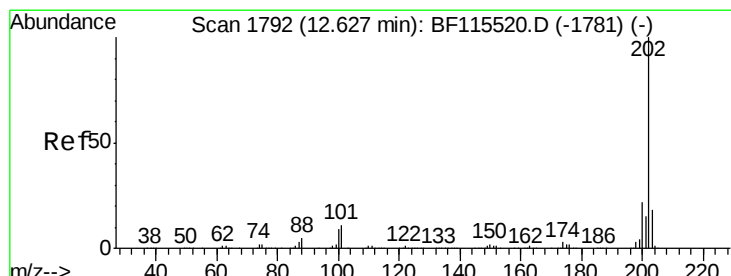
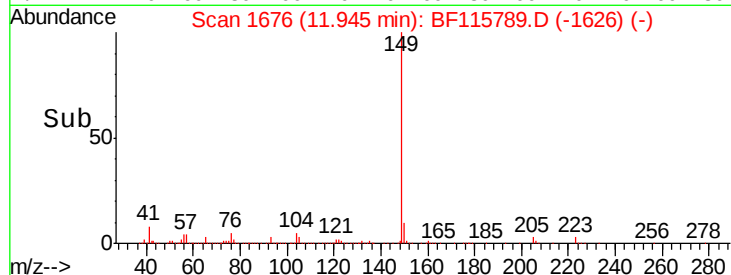
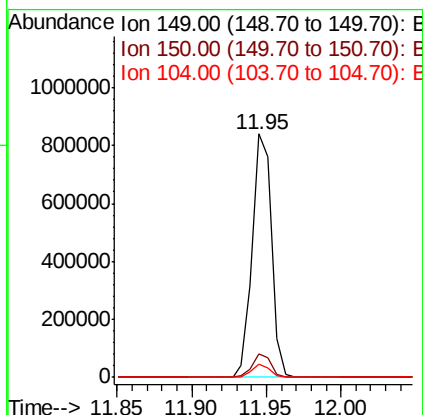
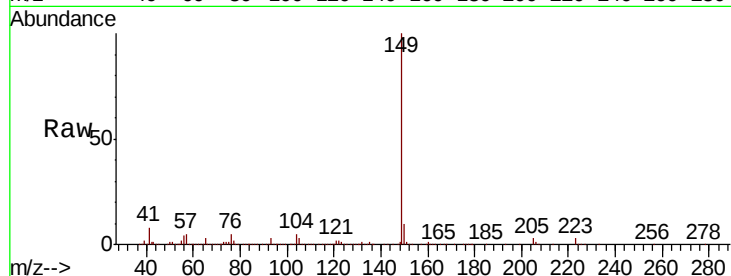




#74
Di-n-butylphthalate
Concen: 44.090 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

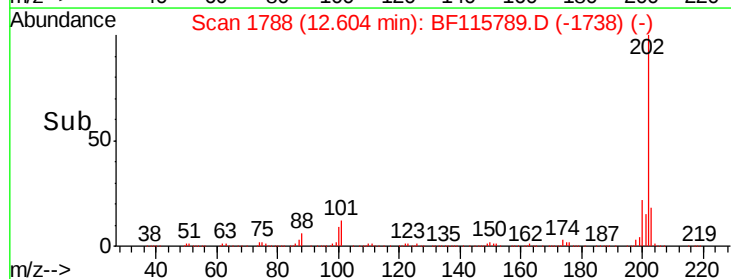
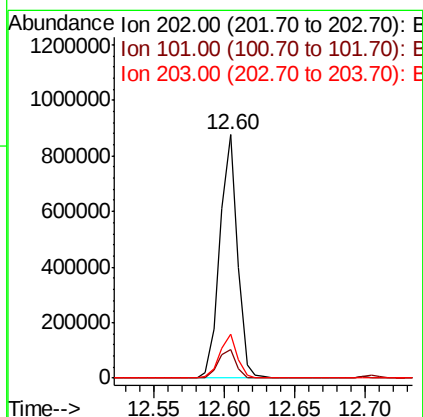
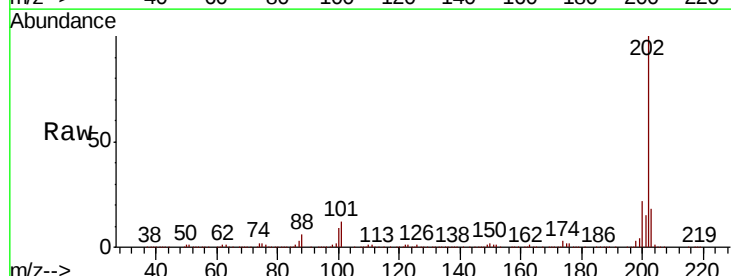
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

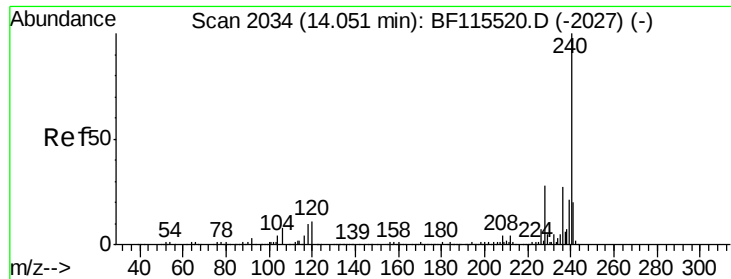
Tot Ion:149 Resp: 746588
Ion Ratio Lower Upper
149 100
150 9.6 8.0 12.0
104 5.3 4.3 6.5



#75
Fluoranthene
Concen: 47.459 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:202 Resp: 760746
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.6
203 18.0 0.0 38.0

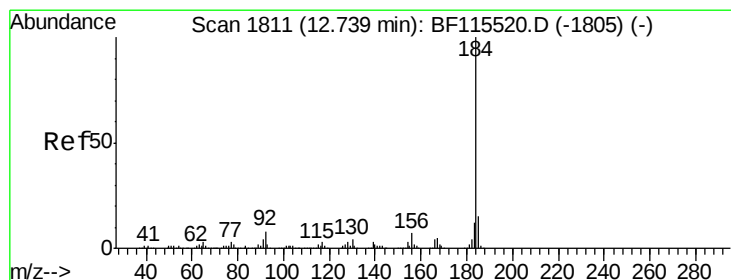
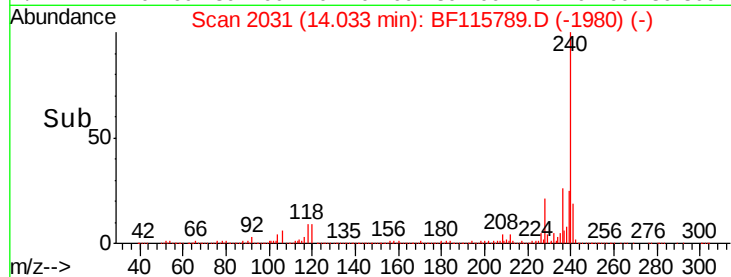
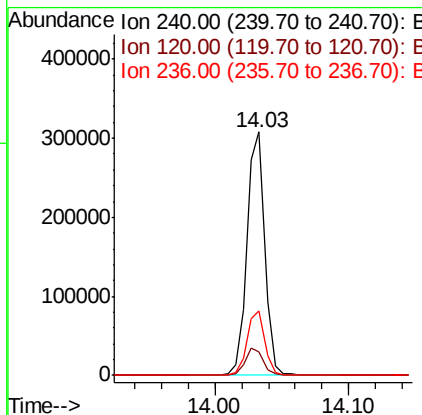
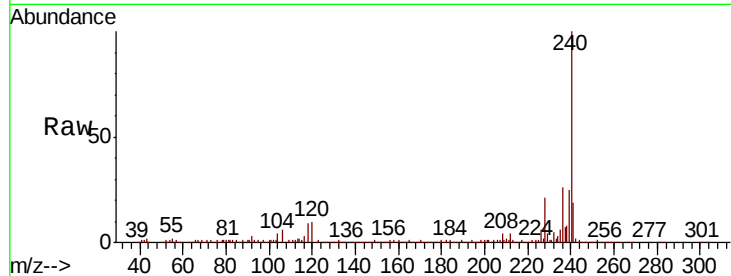




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

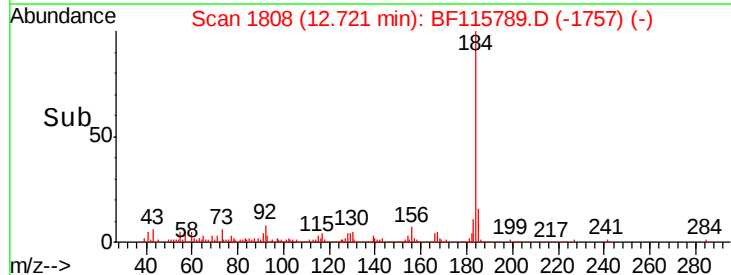
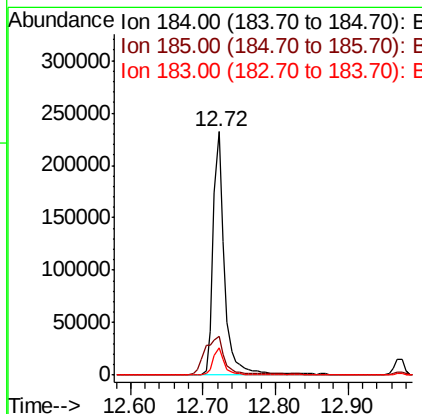
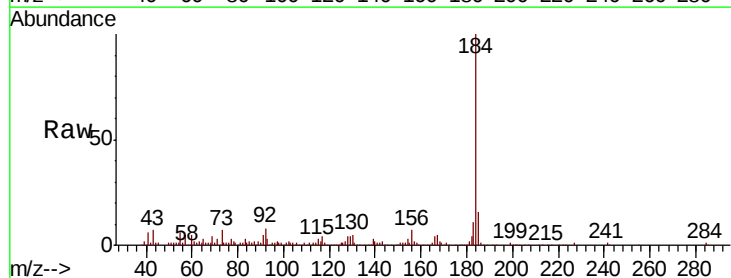
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

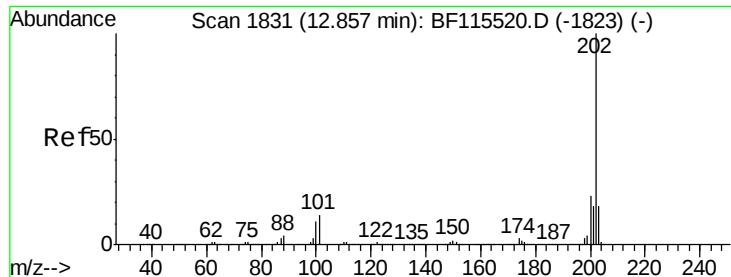
Tot Ion:240 Resp: 280733
 Ion Ratio Lower Upper
 240 100
 120 9.6 10.0 15.0#
 236 26.4 21.8 32.6



#77
 Benzidine
 Concen: 25.625 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion:184 Resp: 254840
 Ion Ratio Lower Upper
 184 100
 185 16.0 12.5 18.7
 183 11.2 9.2 13.8

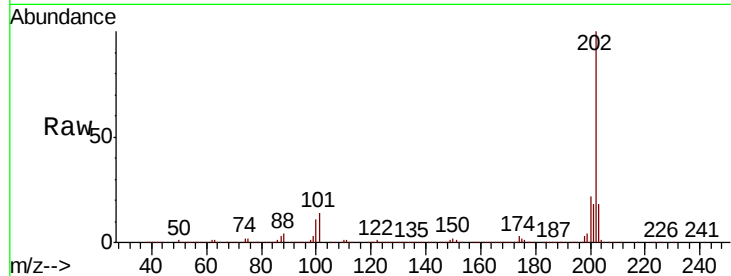




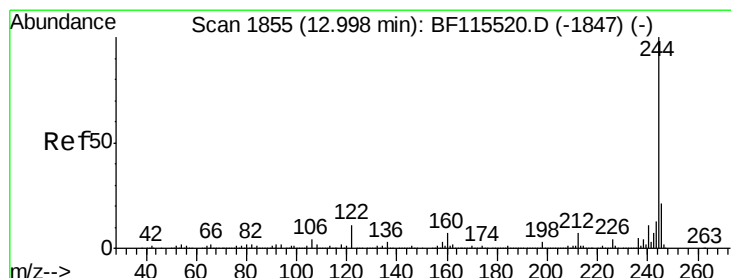
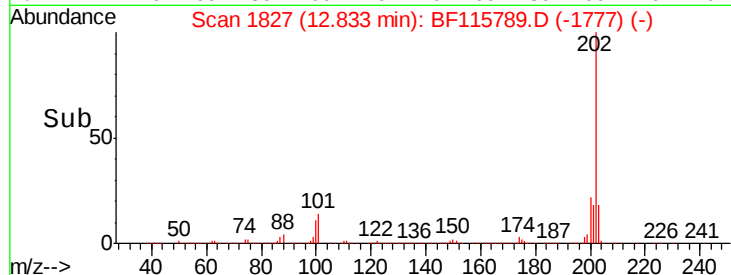
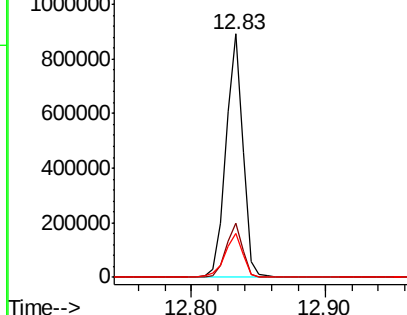
#78
Pvrene
Concen: 33.679 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

Tot Ion:202 Resp: 801056
Ion Ratio Lower Upper
202 100
200 22.4 18.2 27.4
203 18.0 14.6 21.8

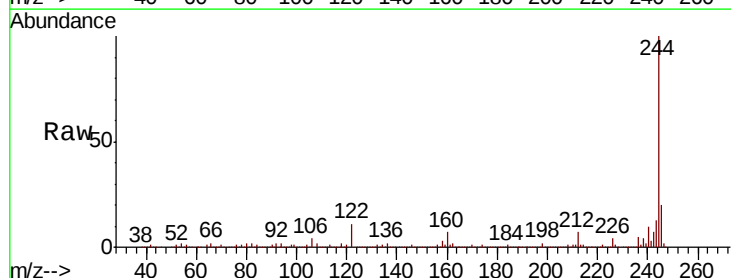


Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 200.00 (199.70 to 200.70): E
1000000
Ion 203.00 (202.70 to 203.70): E
800000
600000
400000
200000
0

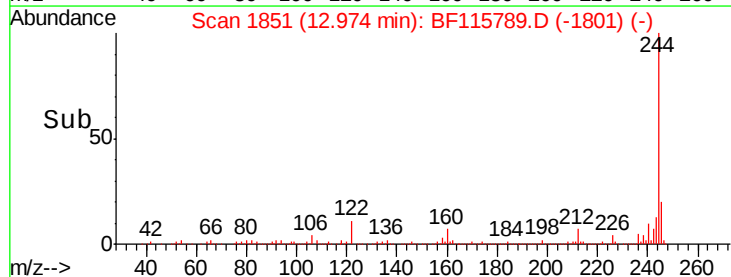
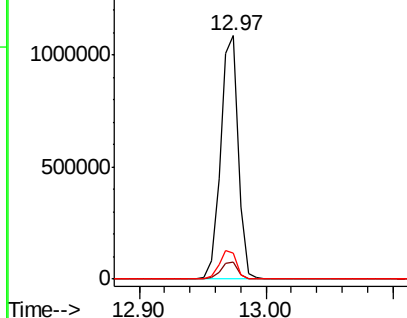


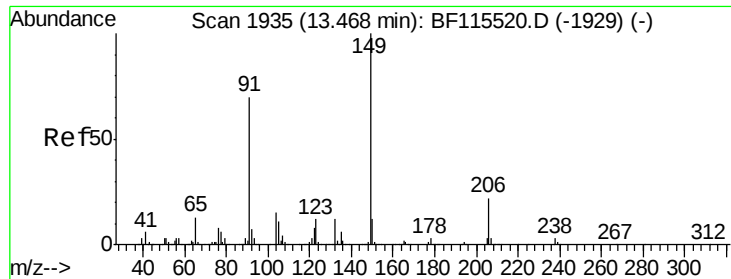
#79
Terphenyl-d14
Concen: 69.565 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:244 Resp: 1058394
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 10.8 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E
500000
0

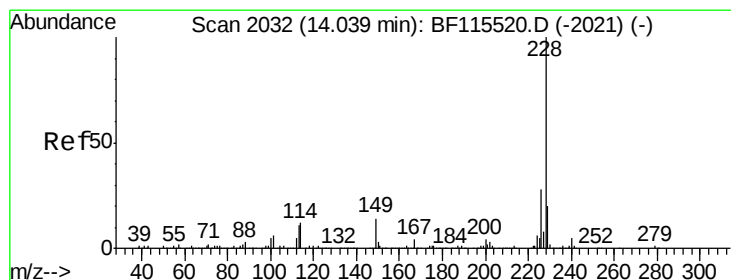
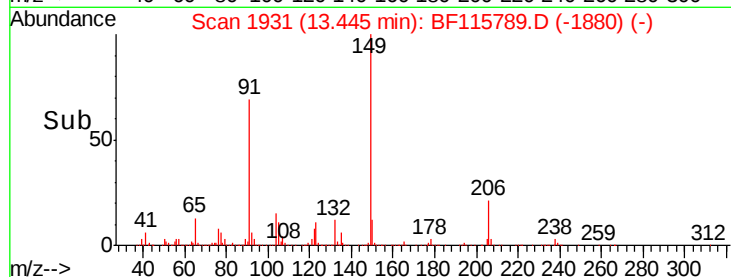
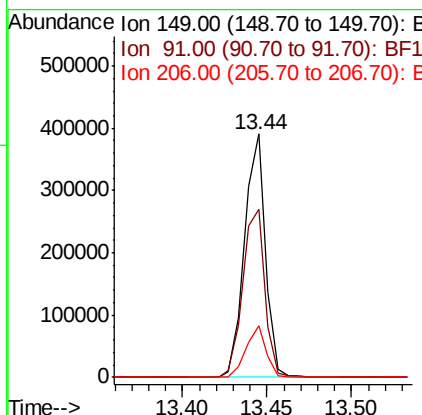
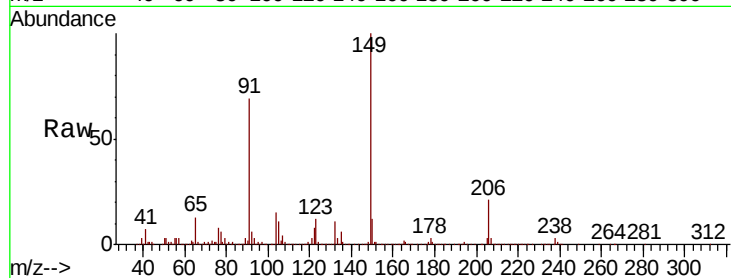




#80
Butylbenzylphthalate
Concen: 33.226 ng
RT: 13.44 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

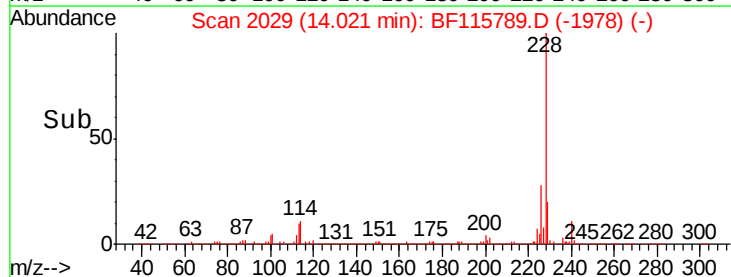
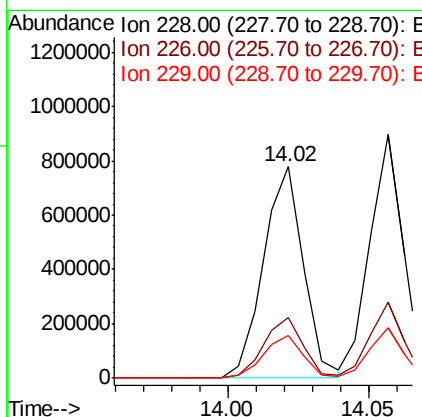
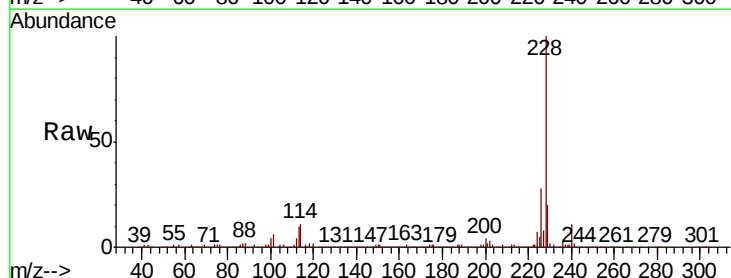
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

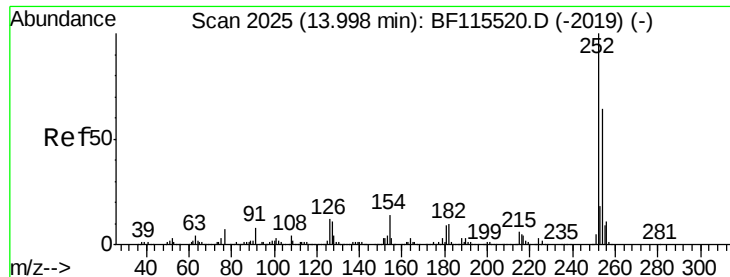
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	59.8	89.8
206	21.2	16.2	24.4



#81
Benzo(a)anthracene
Concen: 41.233 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.2
229	20.3	16.1	24.1

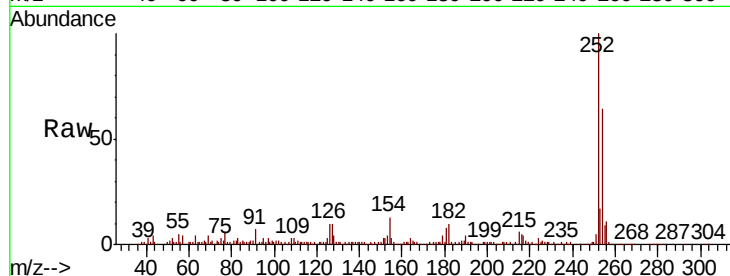




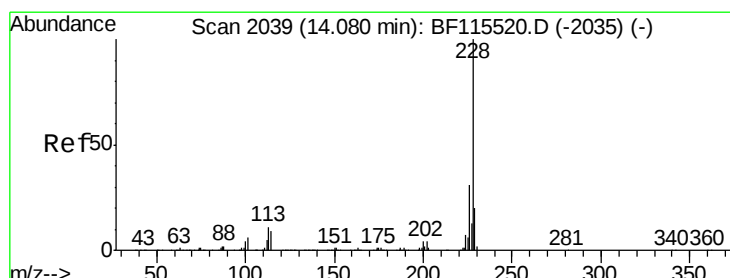
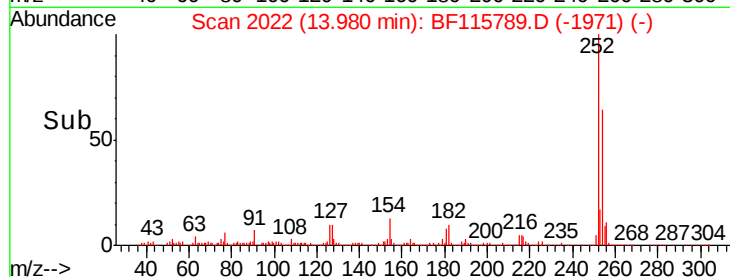
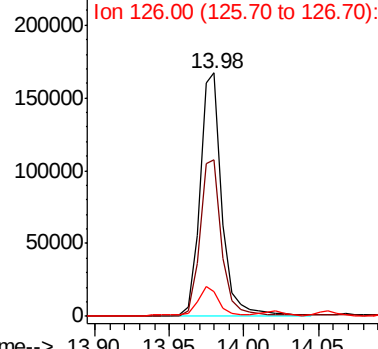
#82
 3,3'-Dichlorobenzidine
 Concen: 26.668 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.6	77.4
126	10.1	9.9	14.9

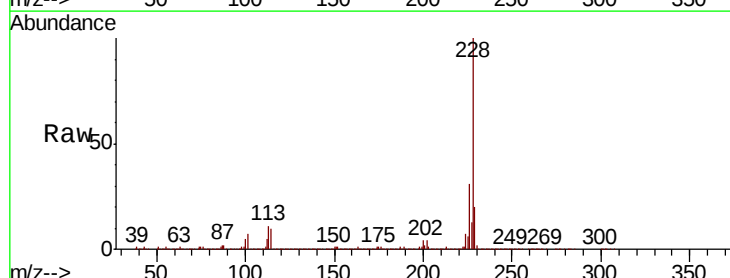


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

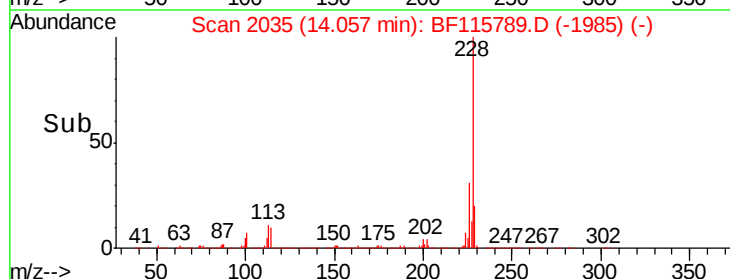
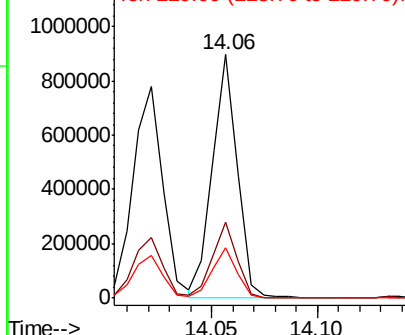


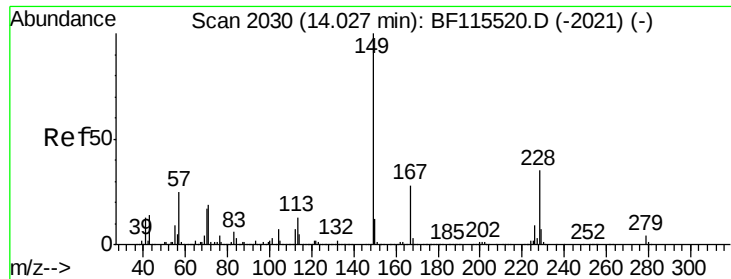
#83
 Chrysene
 Concen: 39.696 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	20.4	16.2	24.2



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.500 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

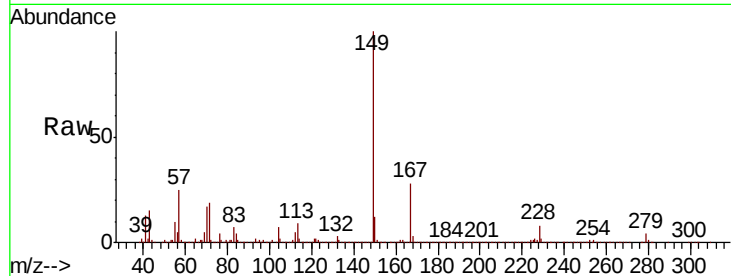
Tot Ion:149 Resp: 483532

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

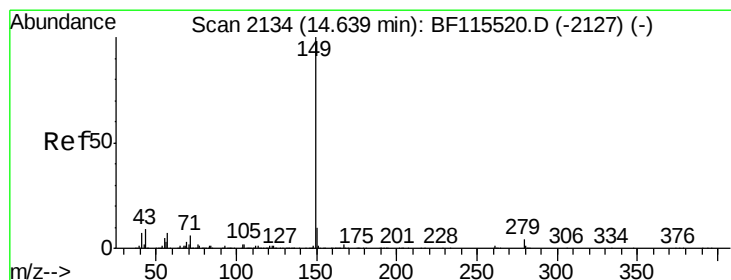
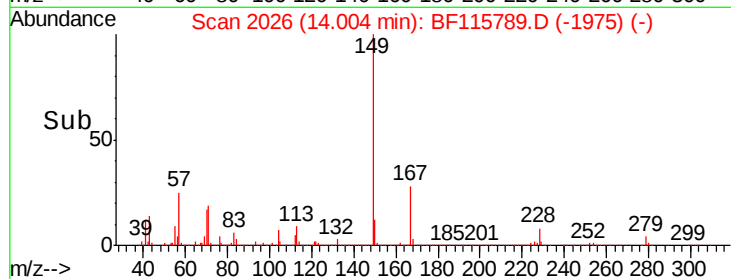
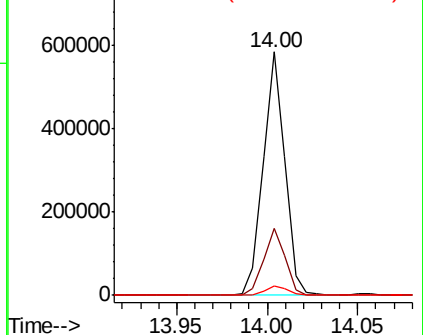
279 3.9 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 43.521 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

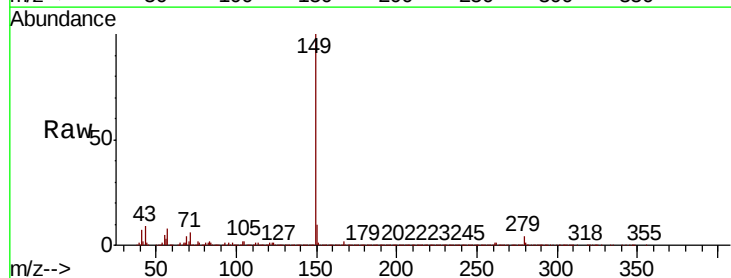
Tgt Ion:149 Resp: 869686

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

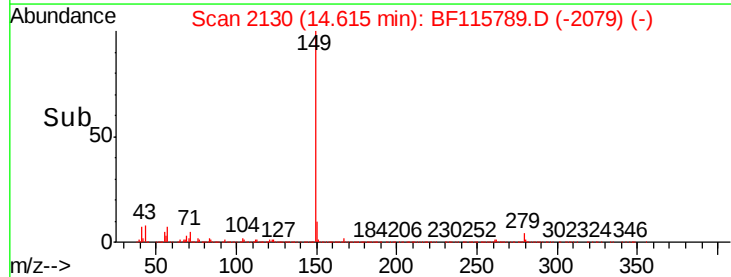
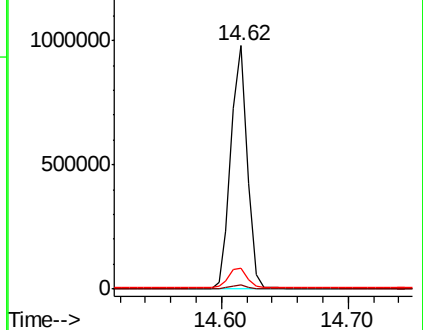
43 9.0 7.4 11.0

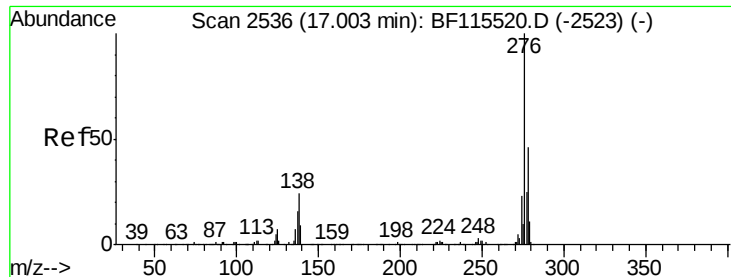


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

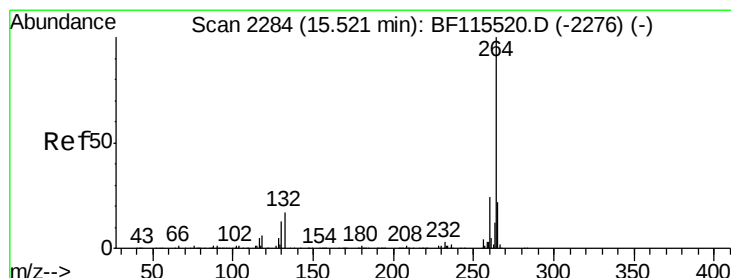
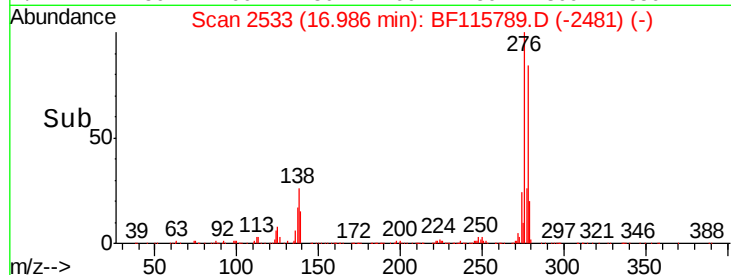
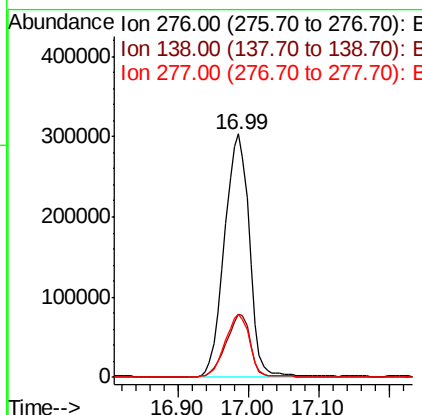
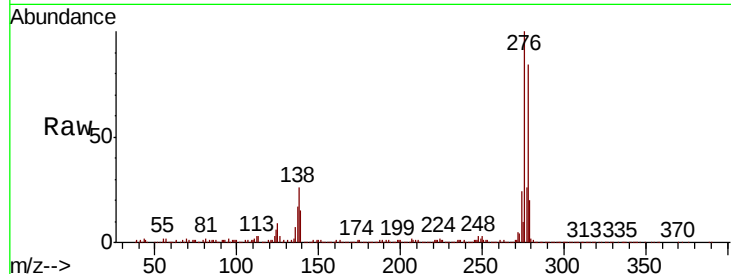




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 46.632 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

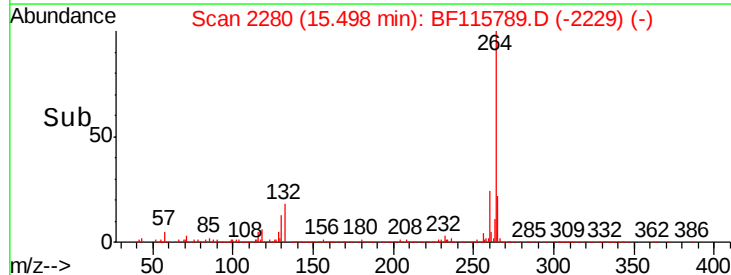
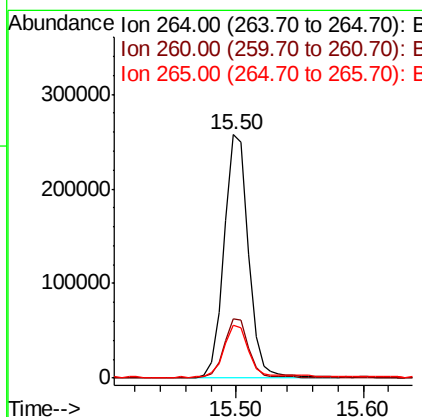
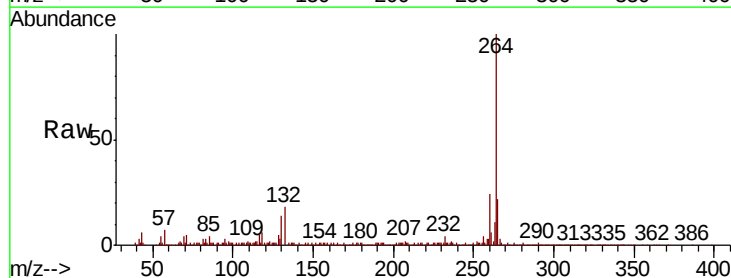
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMS

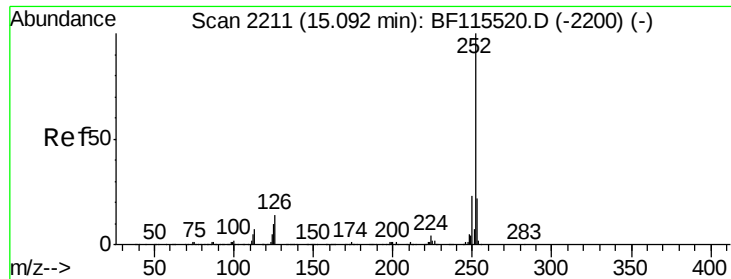
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.1	30.1
277	25.1	19.8	29.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF115789.D
 Acq: 26 Jul 2019 15:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.0	17.5	26.3

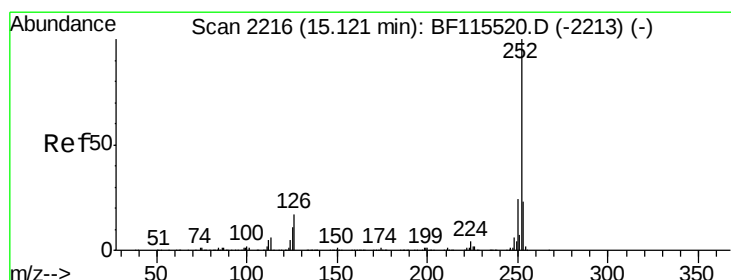
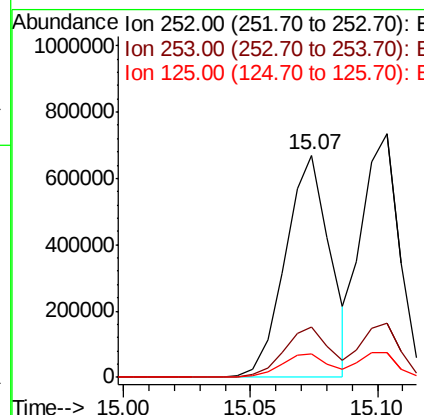
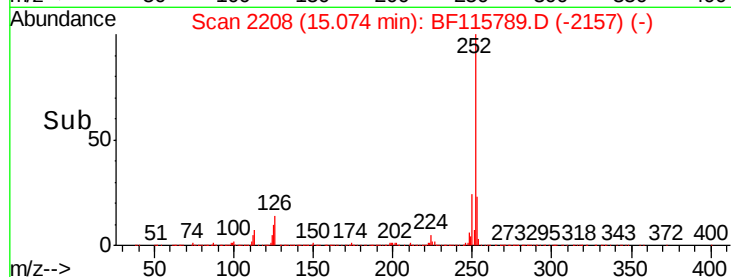
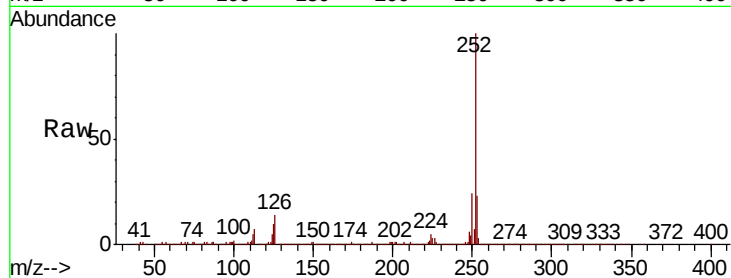




#88
Benzo(b)fluoranthene
Concen: 37.433 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

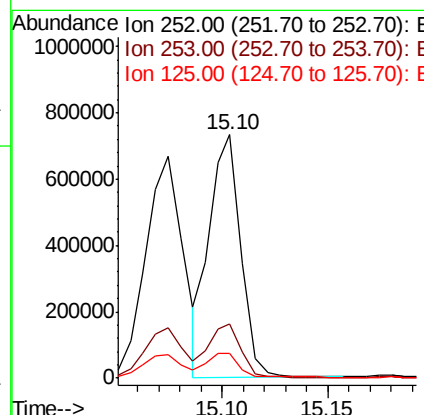
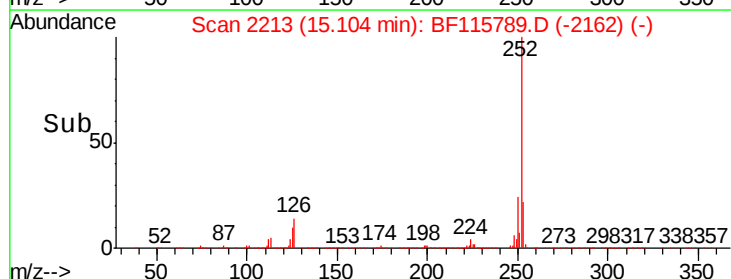
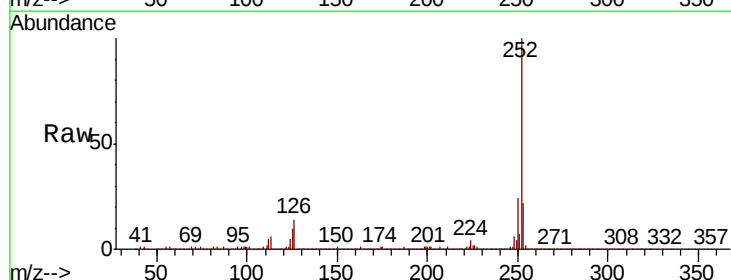
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMS

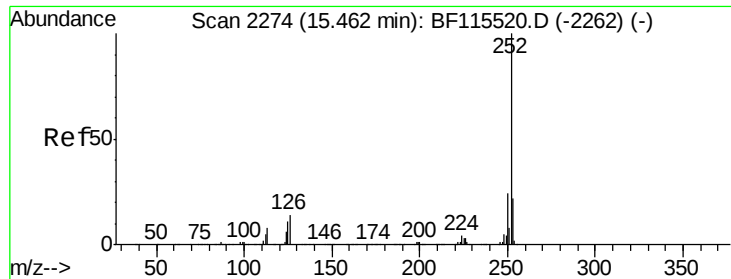
Tot Ion:252 Resp: 820797
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.4 8.4 12.6



#89
Benzo(k)fluoranthene
Concen: 38.881 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF115789.D
Acq: 26 Jul 2019 15:30

Tgt Ion:252 Resp: 760089
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.2 8.6 13.0





#90

Benzo(a)pyrene

Concen: 41.130 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

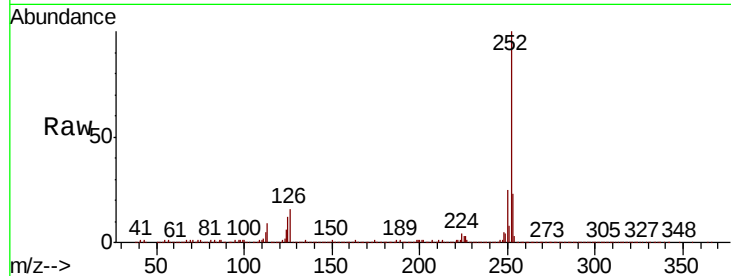
Tot Ion:252 Resp: 775148

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

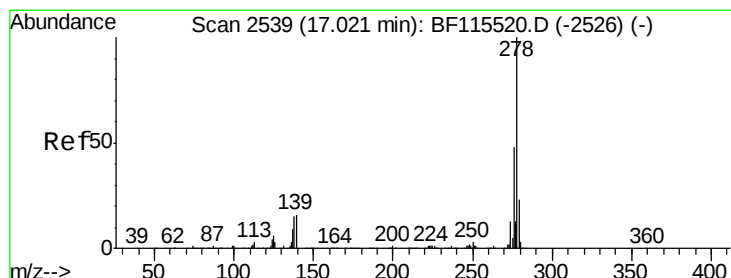
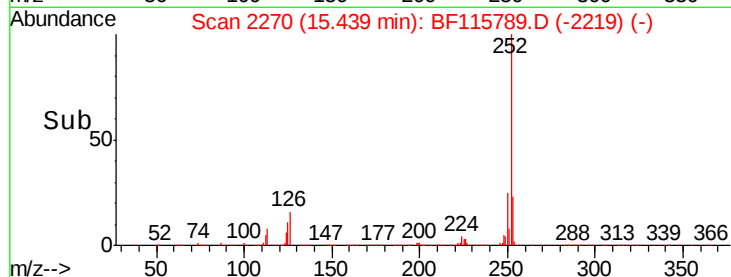
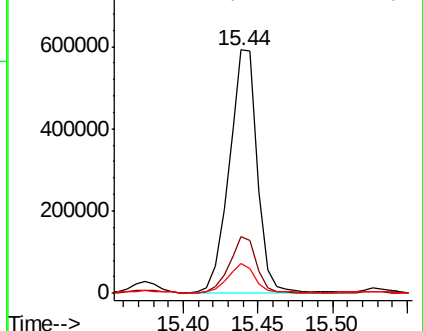
125 12.1 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 37.839 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

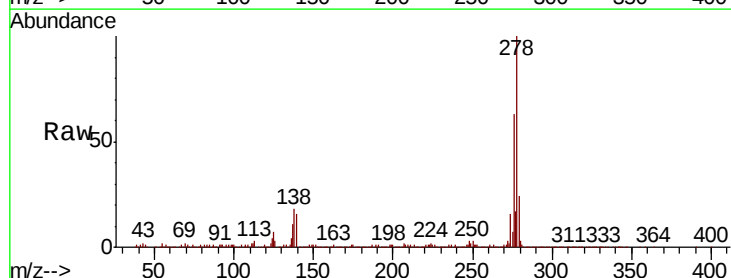
Tgt Ion:278 Resp: 626047

Ion Ratio Lower Upper

278 100

139 16.4 13.6 20.4

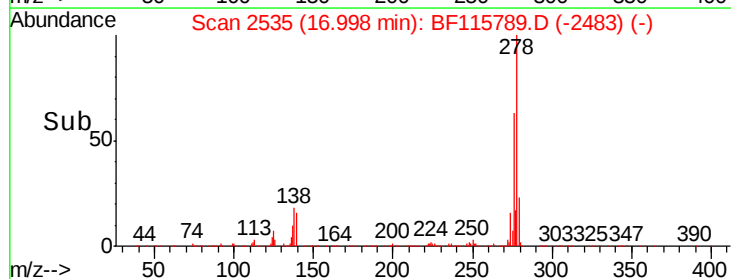
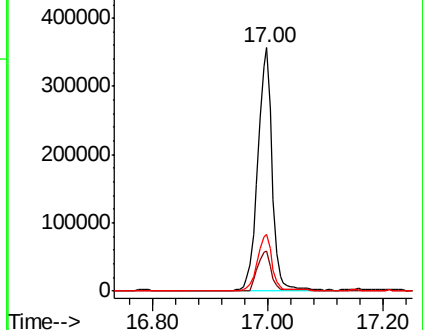
279 23.5 19.6 29.4

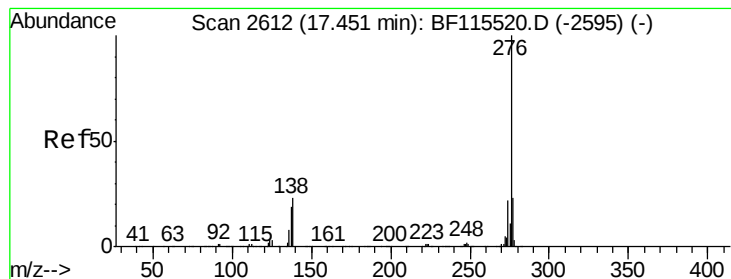


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 35.668 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF115789.D

Acq: 26 Jul 2019 15:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMS

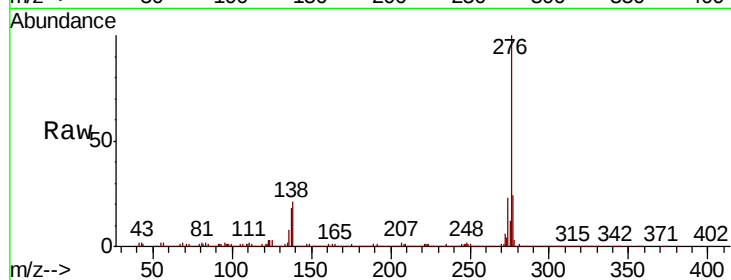
Tot Ion: 276 Resp: 588544

Ion Ratio Lower Upper

276 100

277 24.3 18.1 27.1

138 21.0 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

