

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115497.D
 Acq On : 11 Jul 2019 14:15
 Operator : HP/JU
 Sample : K3636-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP19-LF3MW4

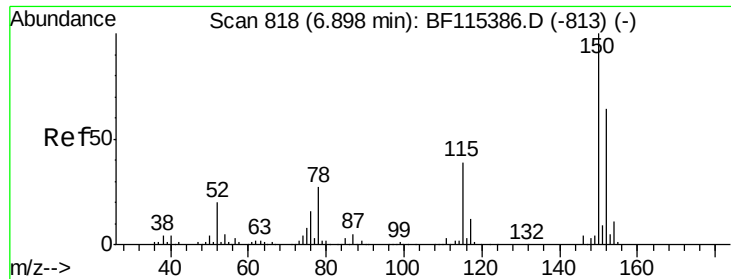
Quant Time: Jul 12 03:11:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	140377	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	504976	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	290327	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	571220	20.00	ng	0.00
76) Chrysene-d12	14.06	240	401075	20.00	ng	-0.01
87) Perylene-d12	15.54	264	344229	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	284729	31.34	ng	0.00
7) Phenol-d6	6.52	99	364006	31.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	766617	89.70	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	268979	83.79	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1525163	92.18	ng	0.00
79) Terphenyl-d14	13.01	244	1671840	85.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	616	Below Cal		# 73
19) n-Nitroso-di-n-propylamine	7.45	70	100023	12.795	ng	# 79
25) Isophorone	7.57	82	120222	6.490	ng	# 64
32) Benzoic acid	7.96	122	474	6.117	ng	# 54
50) Dimethylphthalate	9.65	163	48999	2.249	ng	# 95
51) 2,6-Dinitrotoluene	9.93	165	36425	7.707	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.72	198	633	8.011	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	16406	2.560	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.02	149	200544	11.883	ng	# 99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2912	Below Cal		# 8

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

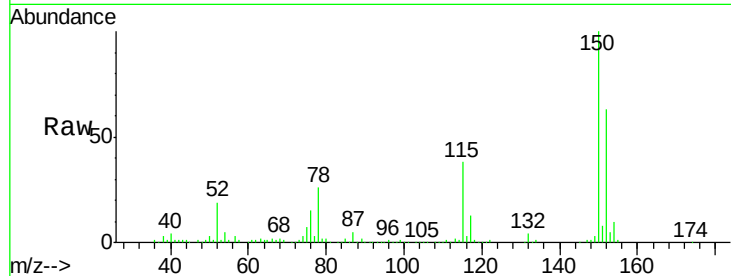


#1

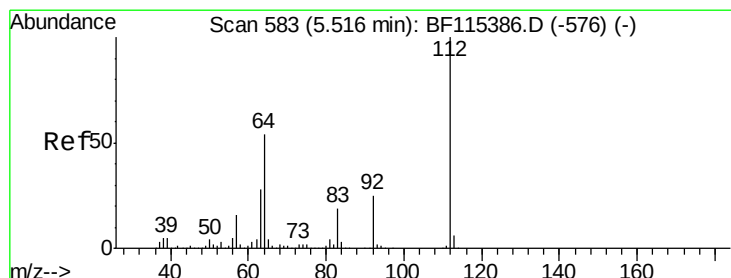
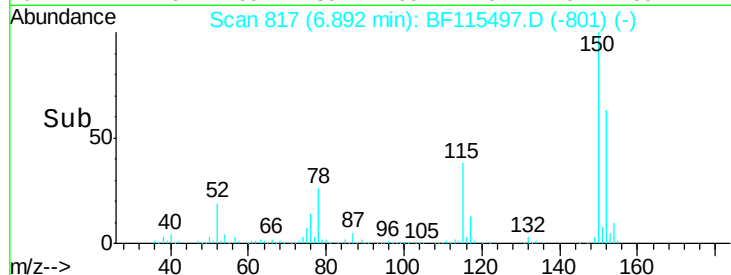
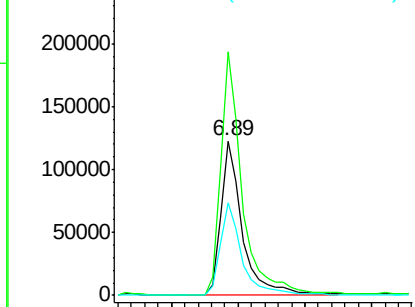
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SP19-LF3MW4

Tot Ion	152	Resp	140377
Ion Ratio	Lower	Upper	
152	100		
150	157.7	127.4	191.2
115	59.9	46.2	69.4



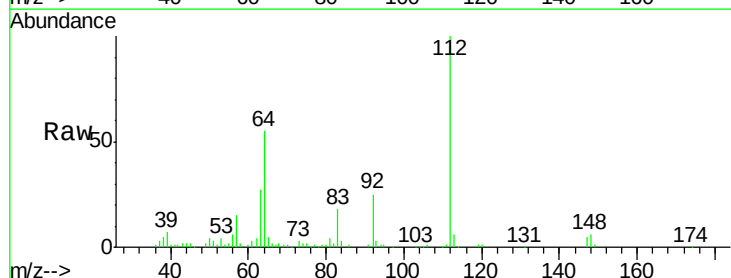
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



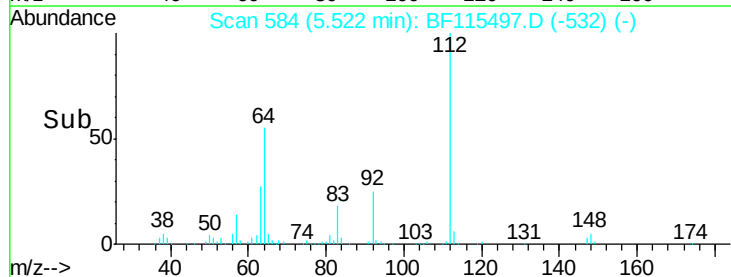
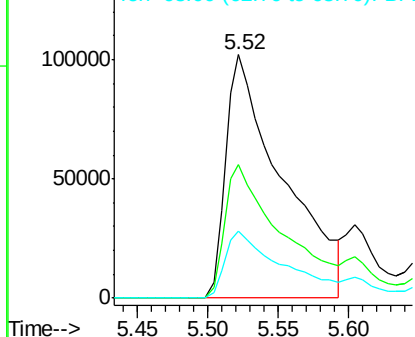
#5

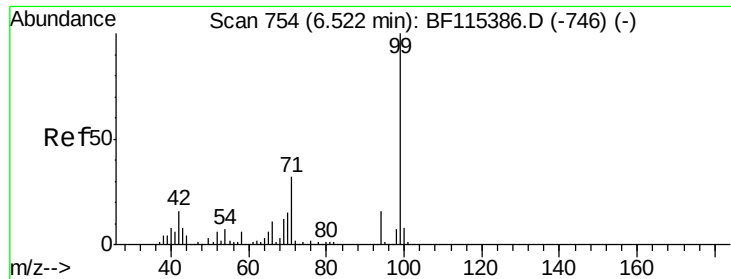
2-Fluorophenol
Concen: 31.338 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Tgt Ion	112	Resp	284729
Ion Ratio	Lower	Upper	
112	100		
64	54.7	44.2	66.2
63	27.4	22.1	33.1



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





#7

Phenol-d6

Concen: 31.502 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SP19-LF3MW4

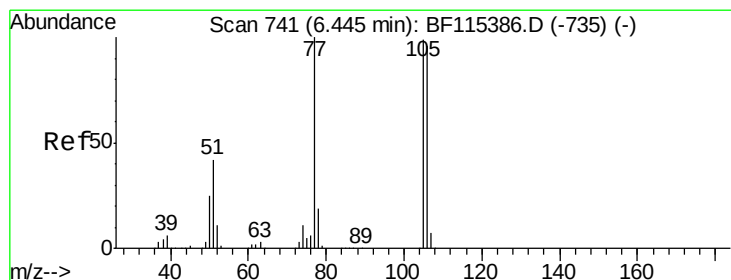
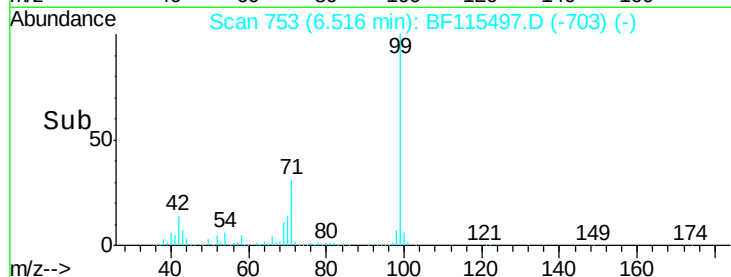
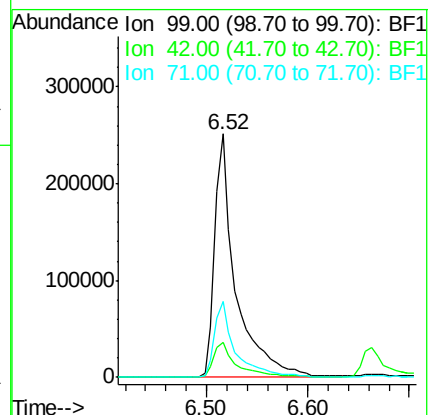
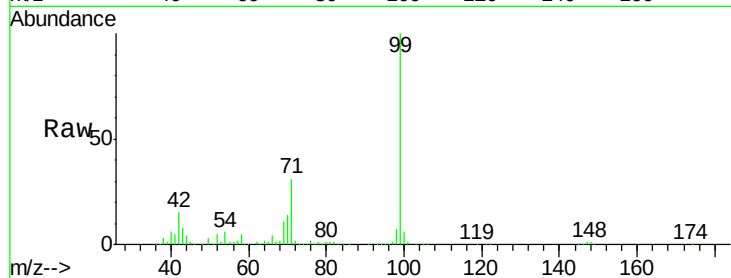
Tot Ion: 99 Resp: 364006

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

71 31.1 26.5 39.7



#9

Benzaldehyde

Concen: Below Cal

RT: 6.37 min Scan# 729

Delta R.T. -0.07 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

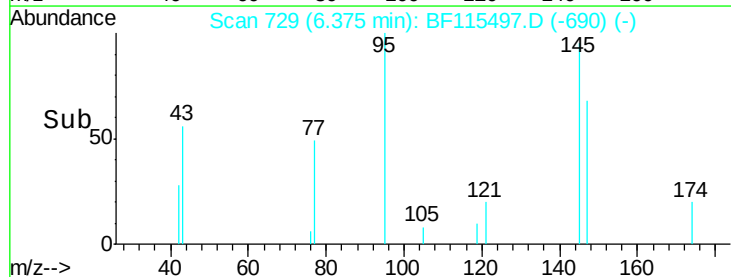
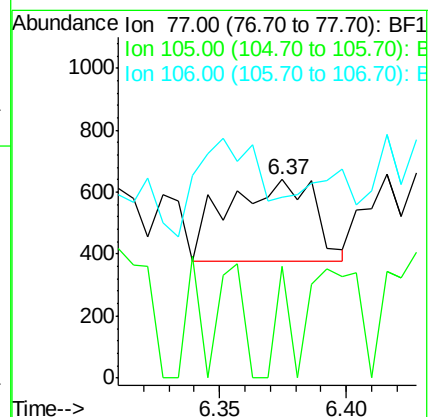
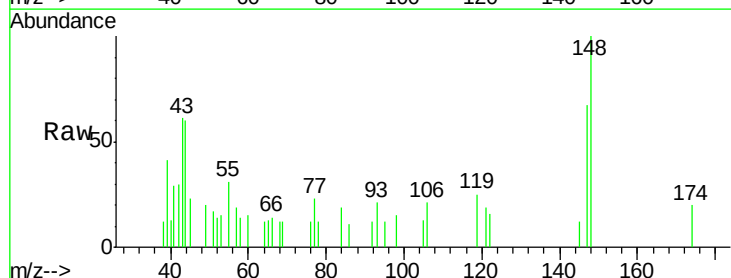
Tgt Ion: 77 Resp: 616

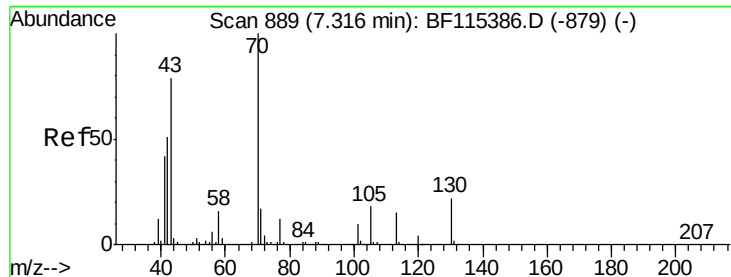
Ion Ratio Lower Upper

77 100

105 56.3 82.9 122.9#

106 91.1 77.8 117.8

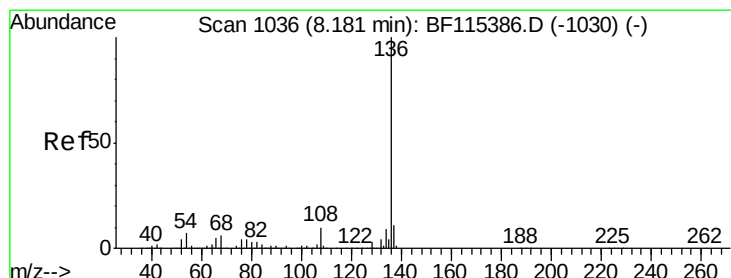
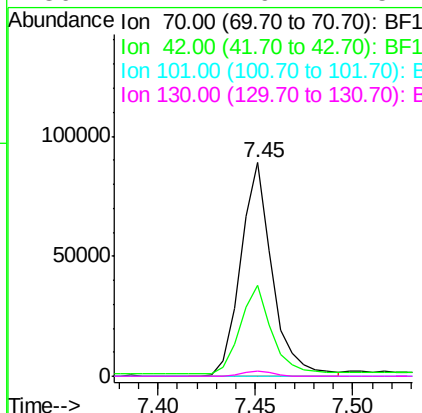
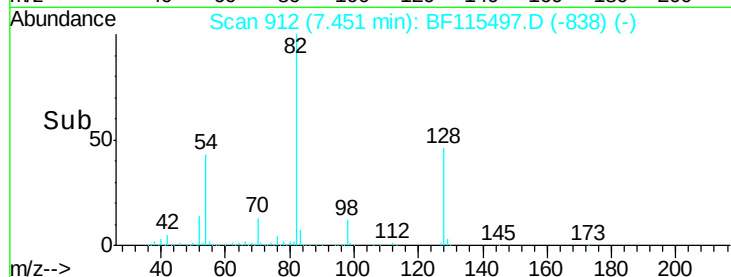
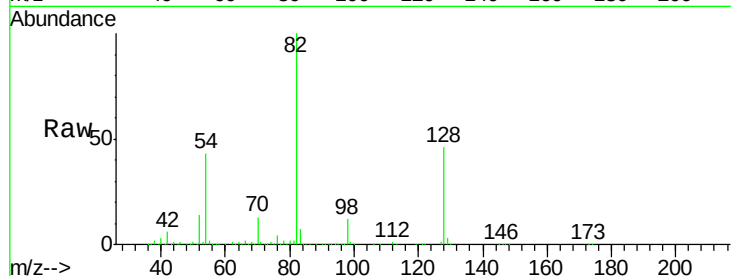




#19
n-Nitroso-di-n-propylamine
Concen: 12.795 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

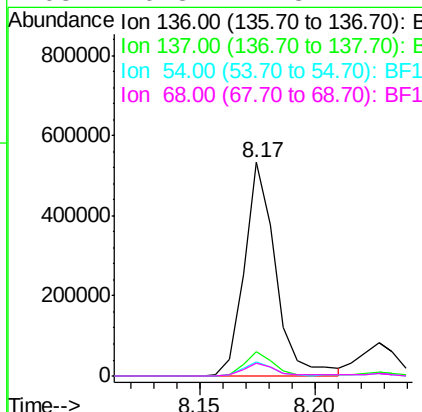
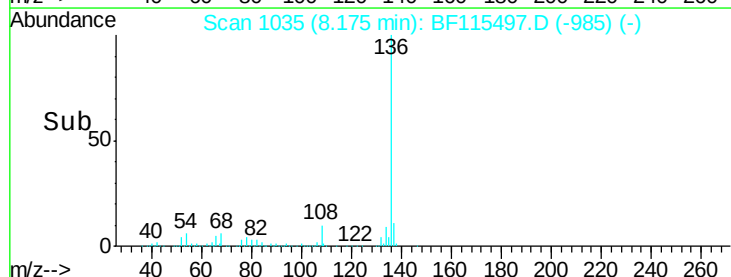
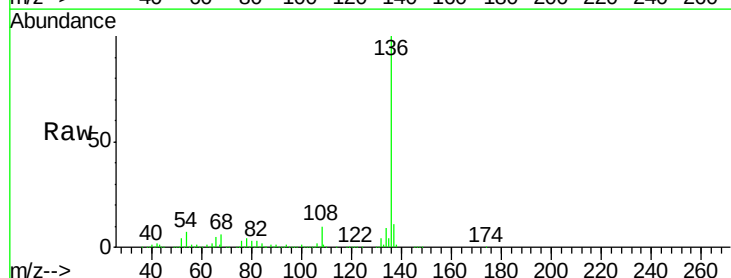
Instrument :
BNA_F
ClientSampleId :
SP19-LF3MW4

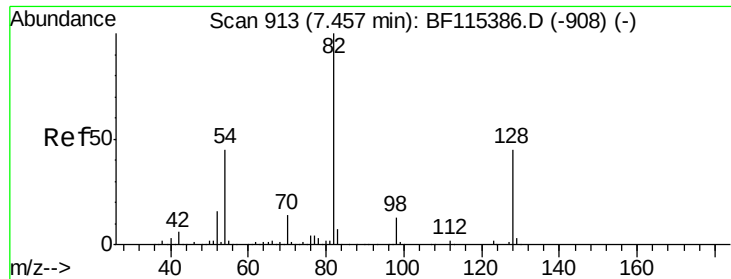
Tot Ion: 70 Resp: 100023
Ion Ratio Lower Upper
70 100
42 42.6 38.5 57.7
101 0.0 8.0 12.0#
130 2.7 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Tgt Ion: 136 Resp: 504976
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.6 5.4 8.0
68 6.3 4.8 7.2

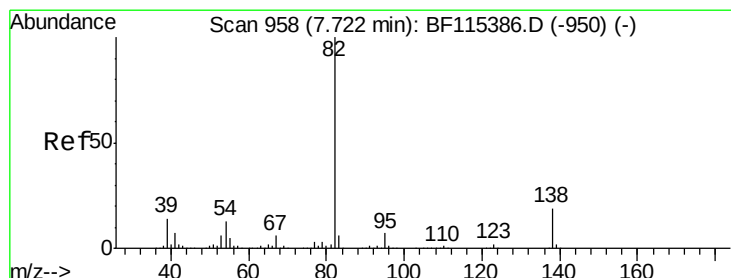
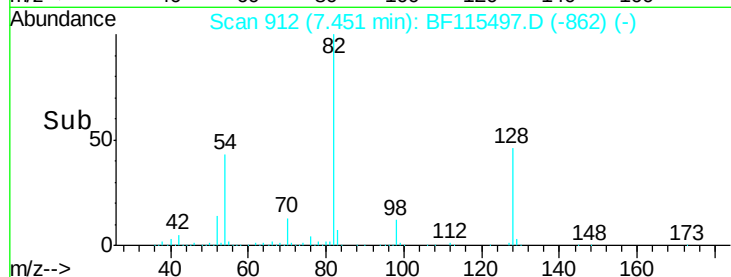
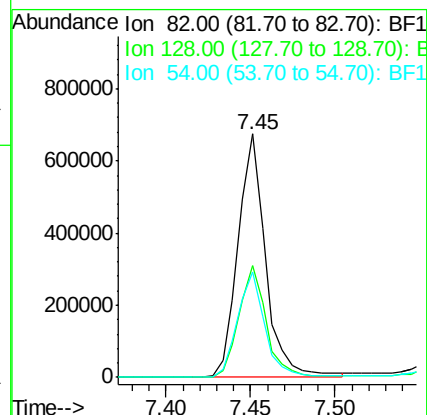
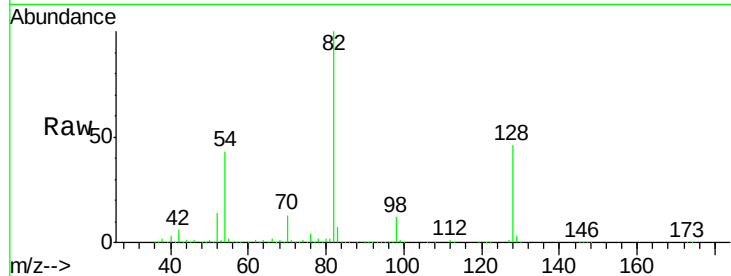




#23
 Nitrobenzene-d5
 Concen: 89.696 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115497.D
 Acq: 11 Jul 2019 14:15

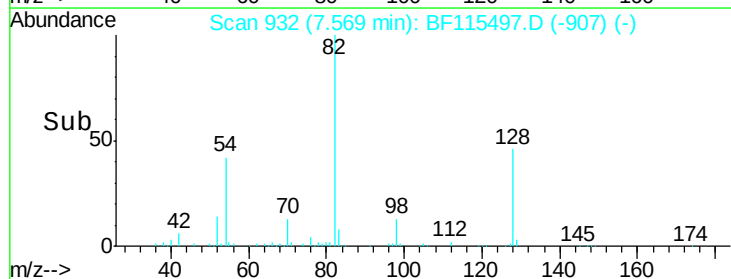
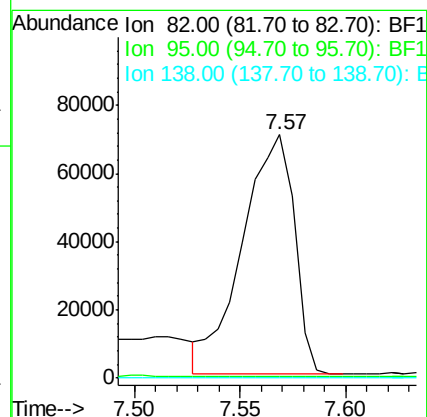
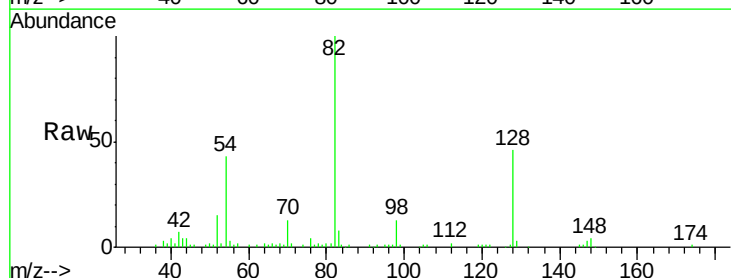
Instrument :
 BNA_F
 ClientSampleId :
 SP19-LF3MW4

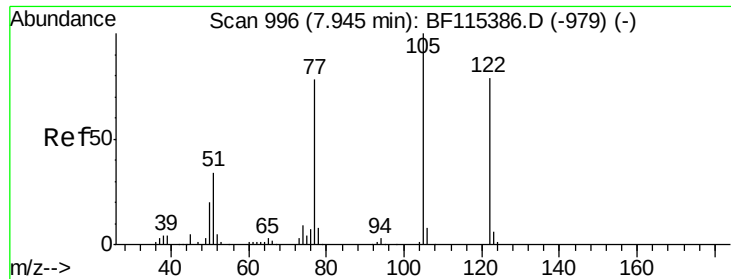
Tot Ion: 82 Resp: 766617
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.7 55.1
 54 43.1 35.6 53.4



#25
 Isophorone
 Concen: 6.490 ng
 RT: 7.57 min Scan# 932
 Delta R.T. -0.15 min
 Lab File: BF115497.D
 Acq: 11 Jul 2019 14:15

Tgt Ion: 82 Resp: 120222
 Ion Ratio Lower Upper
 82 100
 95 0.6 5.4 8.2#
 138 0.0 15.1 22.7#

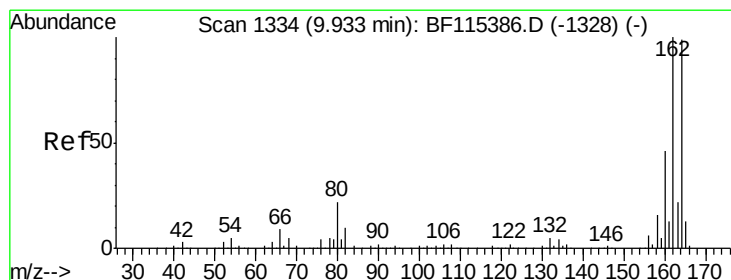
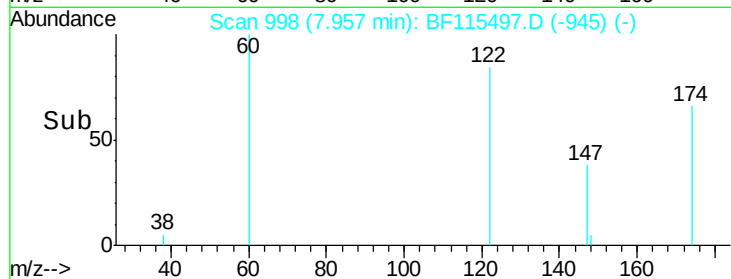
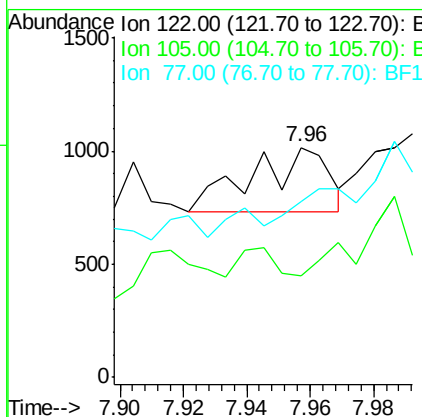
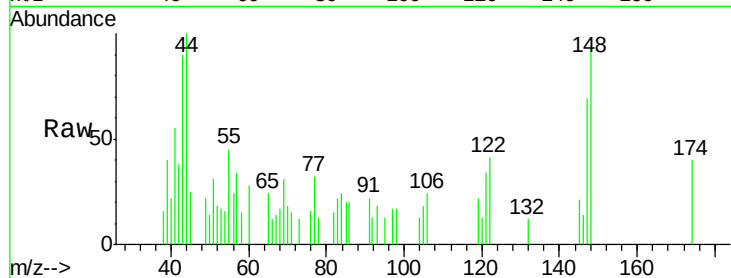




#32
Benzoic acid
Concen: 6.117 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

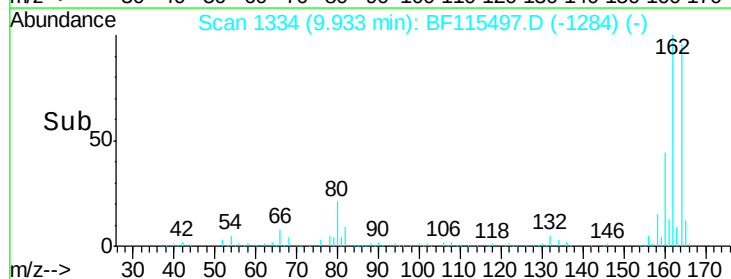
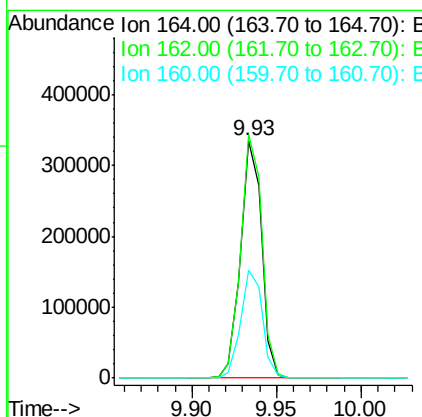
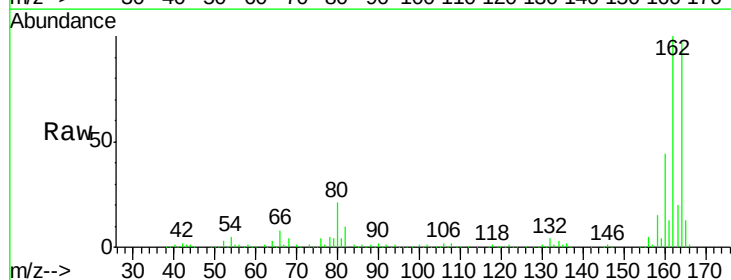
Instrument :
BNA_F
ClientSampleId :
SP19-LF3MW4

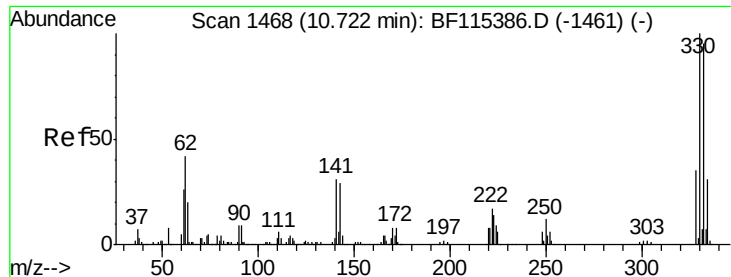
Tot Ion:122 Resp: 474
Ion Ratio Lower Upper
122 100
105 44.0 101.6 141.6#
77 76.7 69.1 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Tgt Ion:164 Resp: 290327
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 45.2 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 83.793 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SP19-LF3MW4

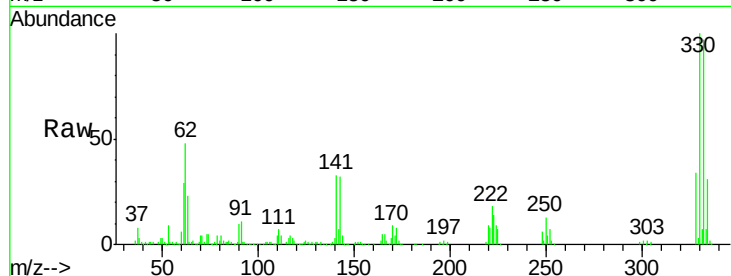
Tot Ion:330 Resp: 268979

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

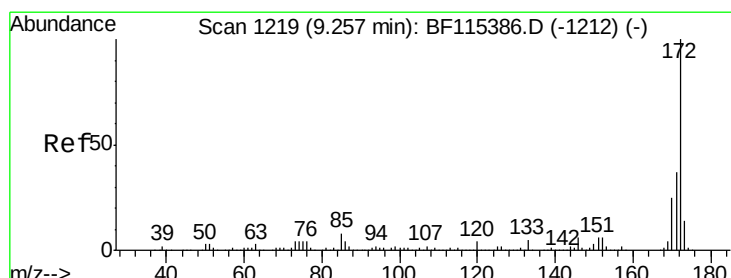
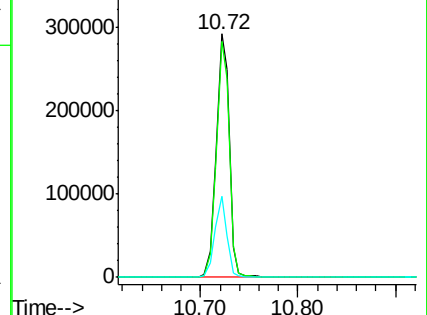
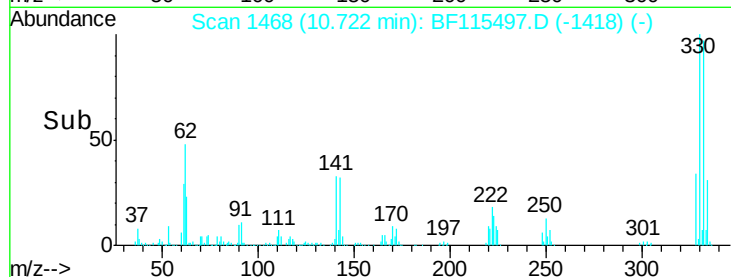
141 30.8 24.7 37.1



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



#45

2-Fluorobiphenyl

Concen: 92.182 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

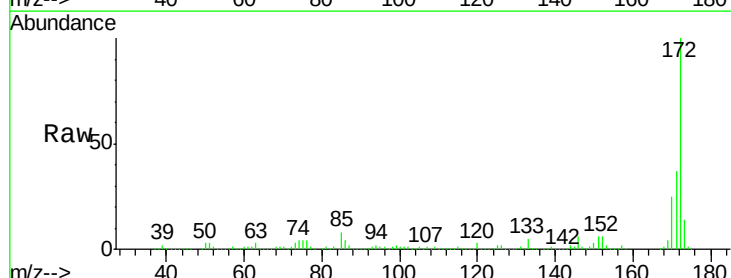
Tgt Ion:172 Resp: 1525163

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.8

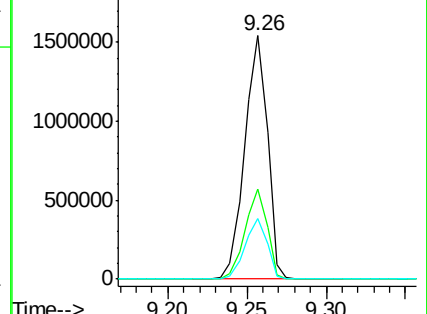
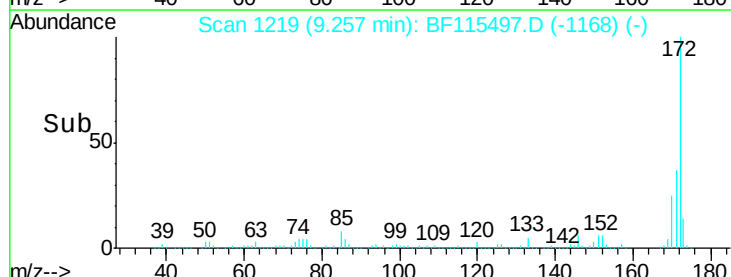
170 24.8 20.0 30.0

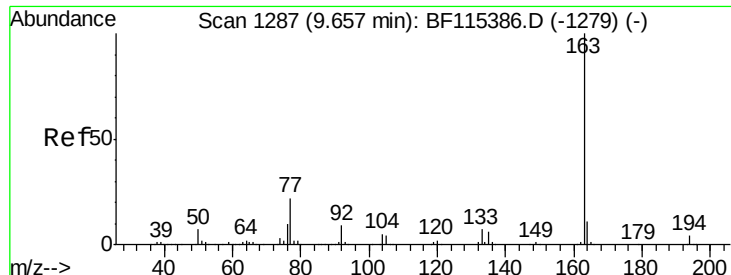


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

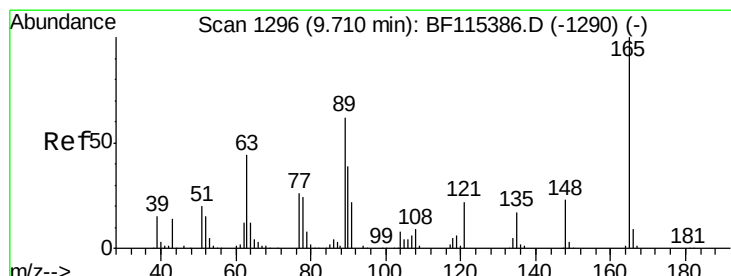
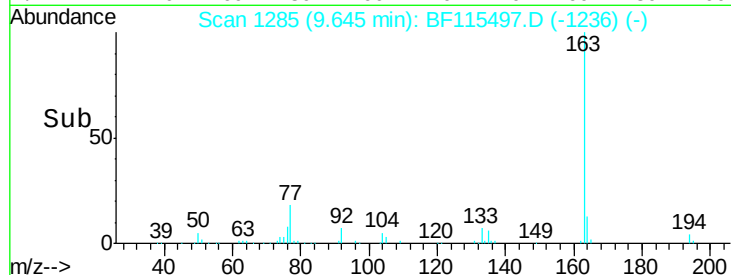
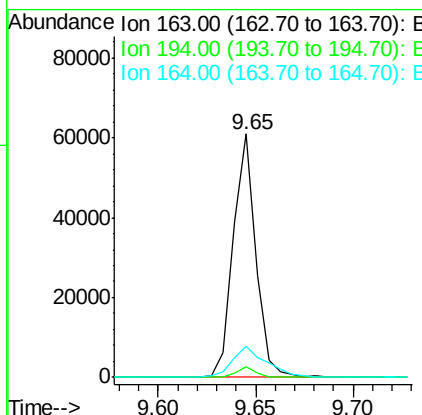
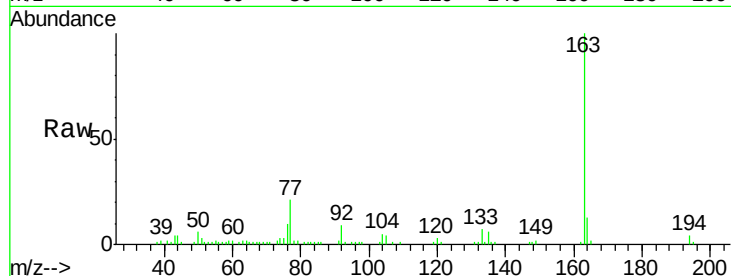




#50
Dimethylphthalate
Concen: 2.249 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

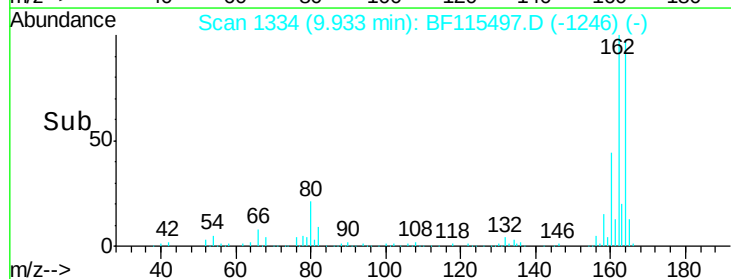
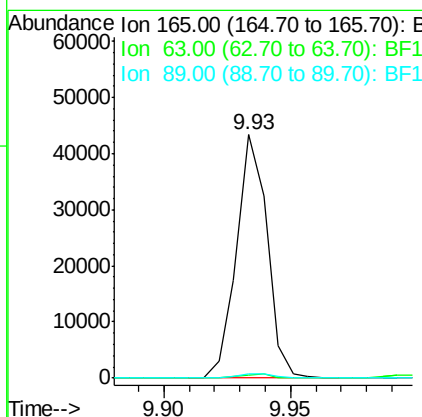
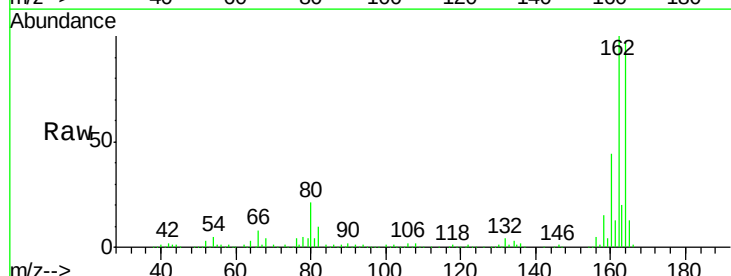
Instrument :
BNA_F
ClientSampleId :
SP19-LF3MW4

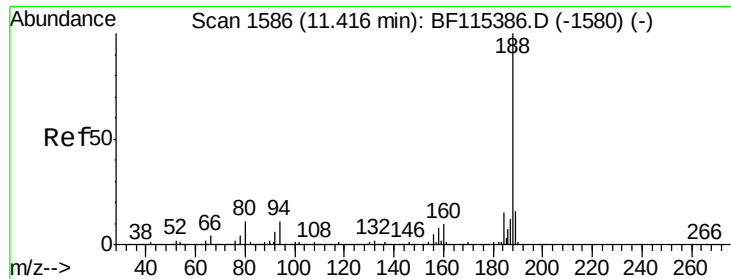
Tot Ion:163 Resp: 48999
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 13.0 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 7.707 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Tgt Ion:165 Resp: 36425
Ion Ratio Lower Upper
165 100
63 1.1 39.7 59.5#
89 1.9 42.8 64.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SP19-LF3MW4

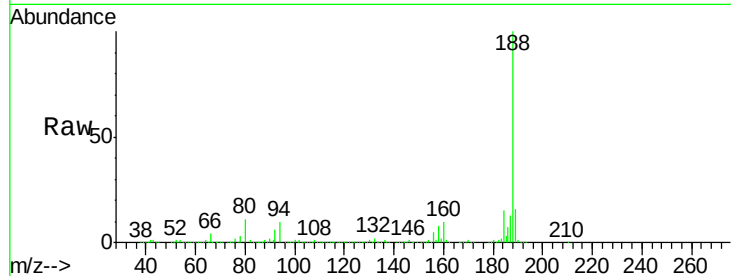
Tot Ion:188 Resp: 571220

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

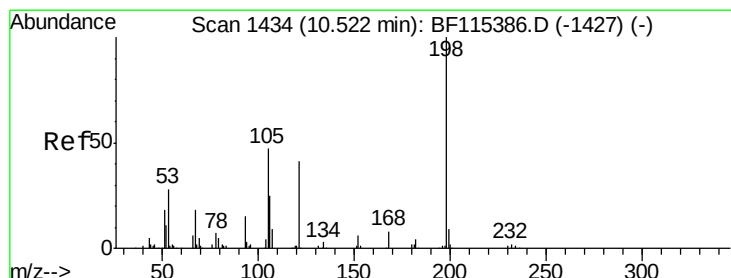
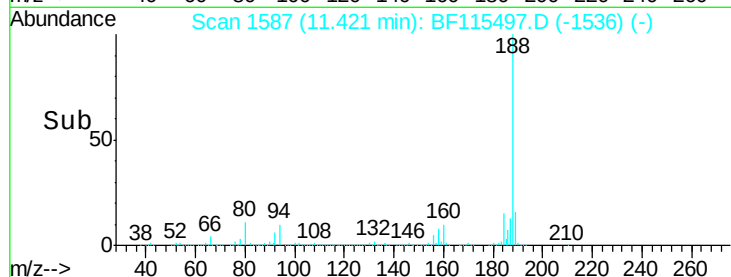
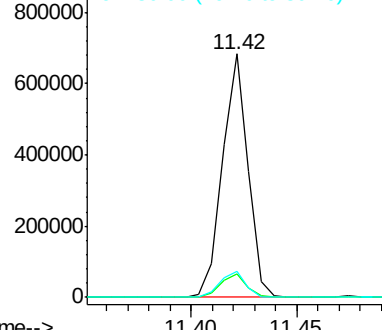
80 10.6 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.011 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

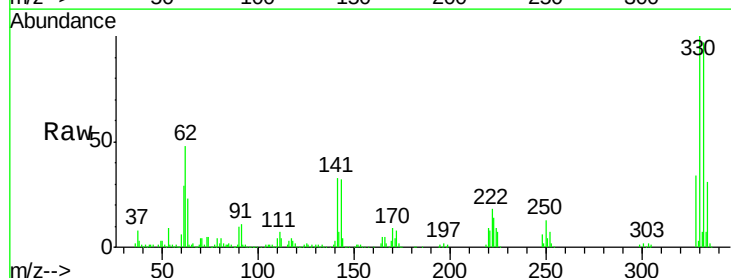
Tgt Ion:198 Resp: 633

Ion Ratio Lower Upper

198 100

51 218.2 20.7 60.7#

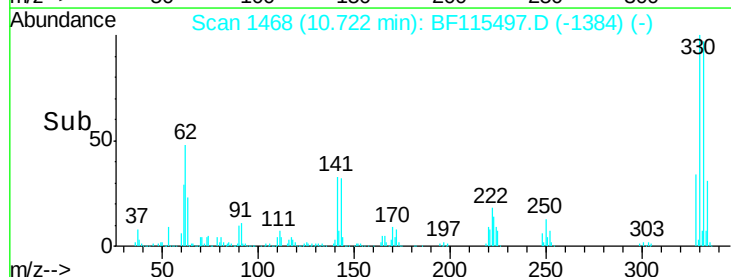
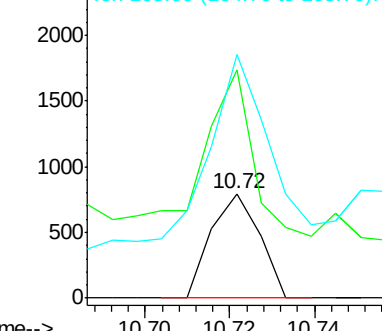
105 233.2 25.3 65.3#

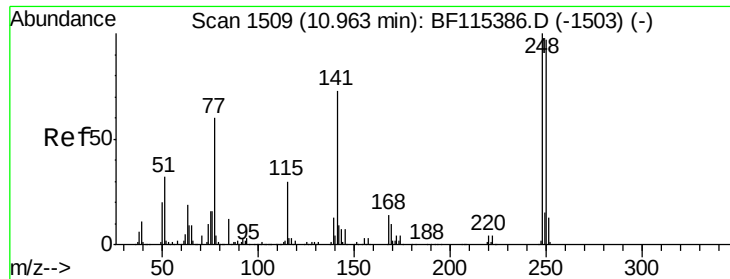


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

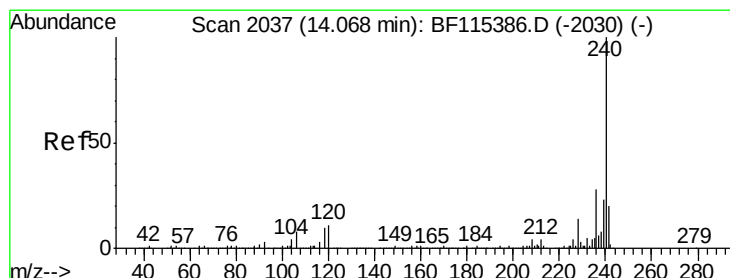
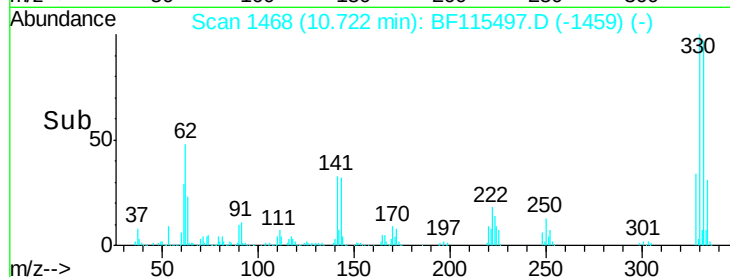
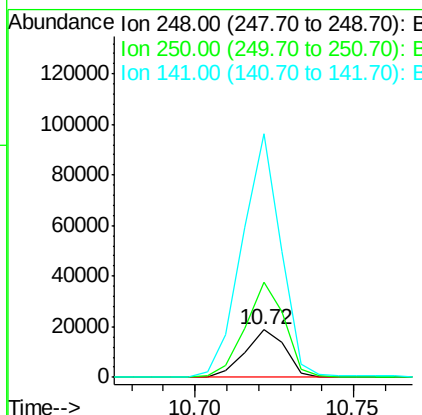
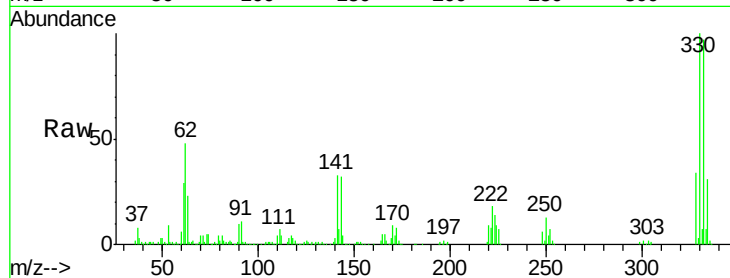




#67
 4-Bromophenyl-phenylether
 Concen: 2.560 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF115497.D
 Acq: 11 Jul 2019 14:15

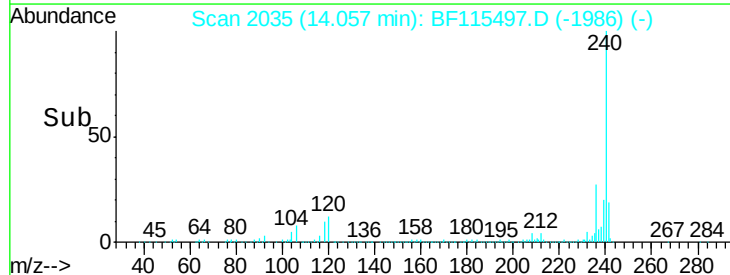
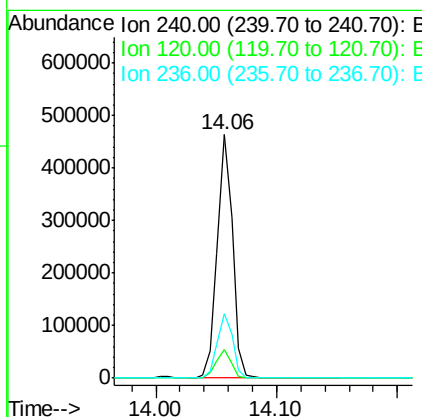
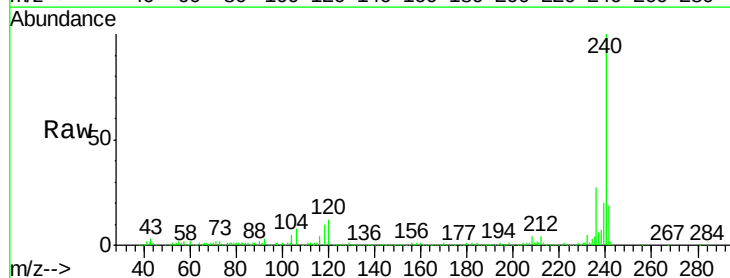
Instrument :
 BNA_F
 ClientSampleId :
 SP19-LF3MW4

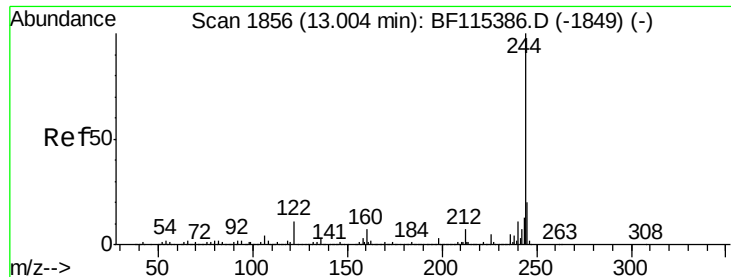
Tot Ion	Ratio	Lower	Upper
248	100		
250	199.6	78.3	117.5#
141	511.9	52.2	78.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115497.D
 Acq: 11 Jul 2019 14:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.2	15.4
236	26.6	21.1	31.7





#79

Terphenyl-d14

Concen: 85.348 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SP19-LF3MW4

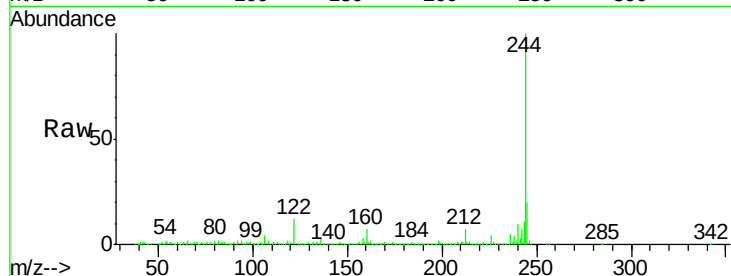
Tot Ion:244 Resp: 1671840

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.7	9.1	13.7

244 100

212 6.9 5.7 8.5

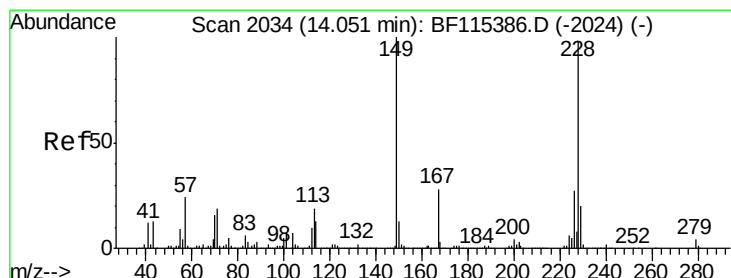
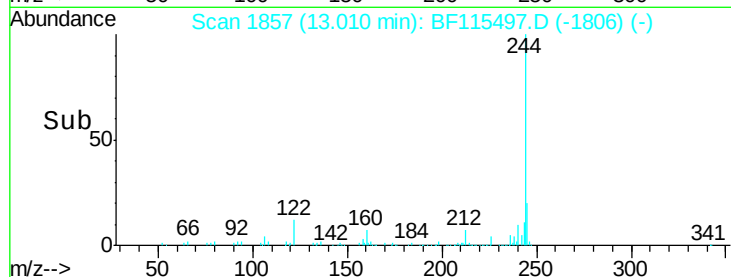
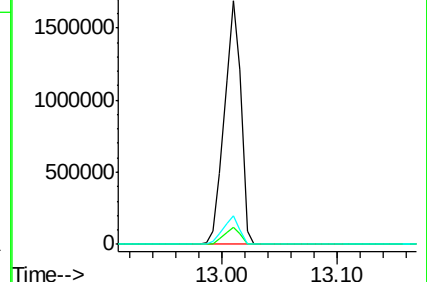
122 11.7 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.883 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

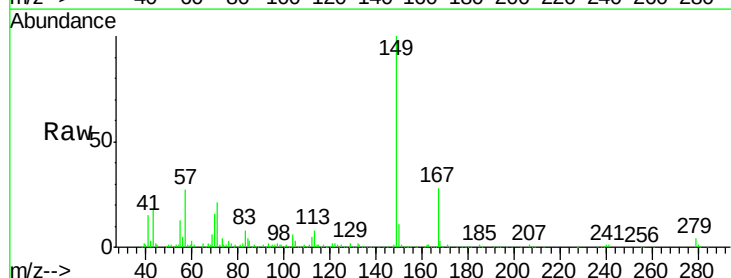
Tgt Ion:149 Resp: 200544

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	34.0
279	4.2	3.8	5.6

149 100

167 27.8 22.6 34.0

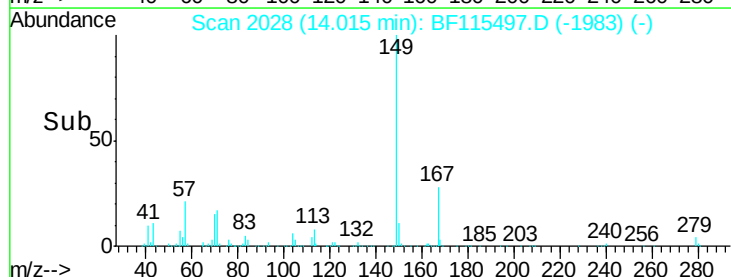
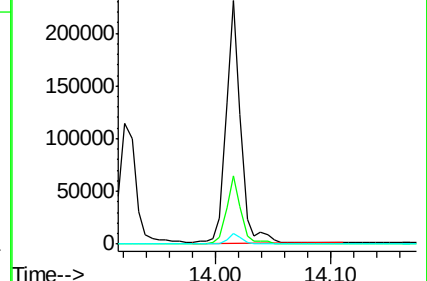
279 4.2 3.8 5.6

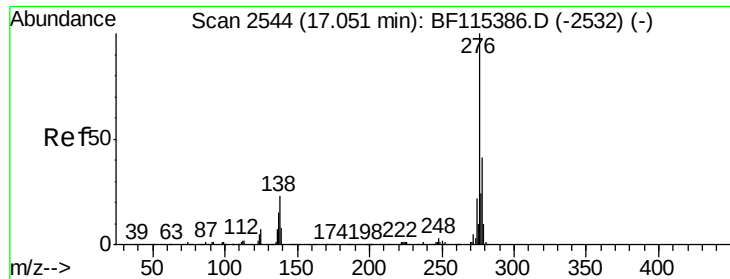


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

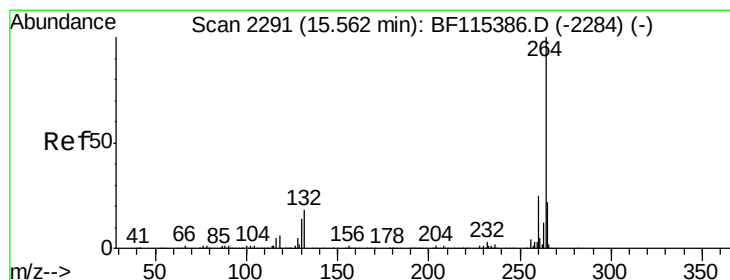
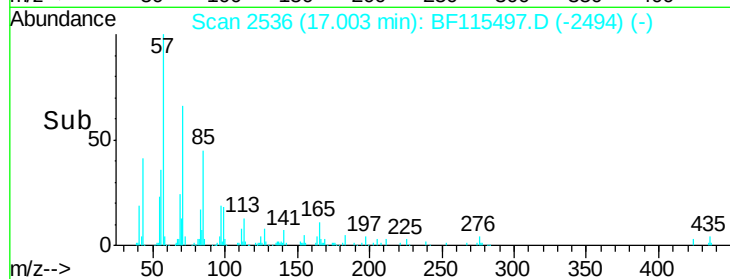
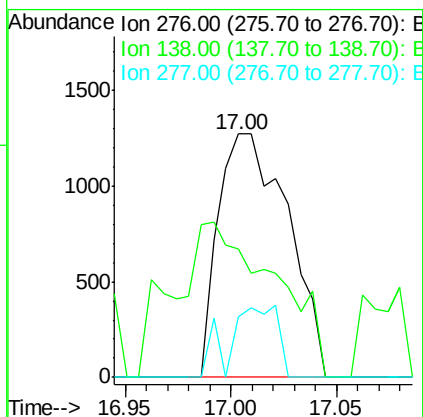
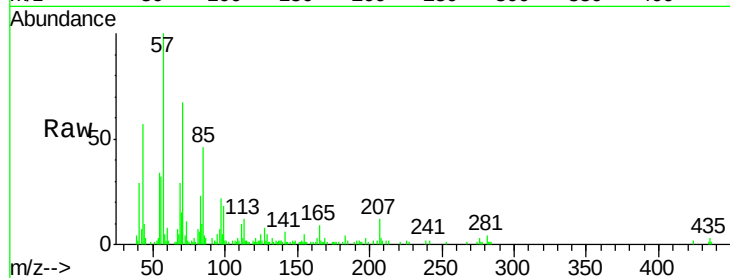




#86
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 17.00 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SP19-LF3MW4

Tot Ion:276 Resp: 2912
Ion Ratio Lower Upper
276 100
138 93.0 20.6 31.0#
277 0.0 20.2 30.2#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Tgt Ion:264 Resp: 344229
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 21.3 17.8 26.6

