

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 :

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

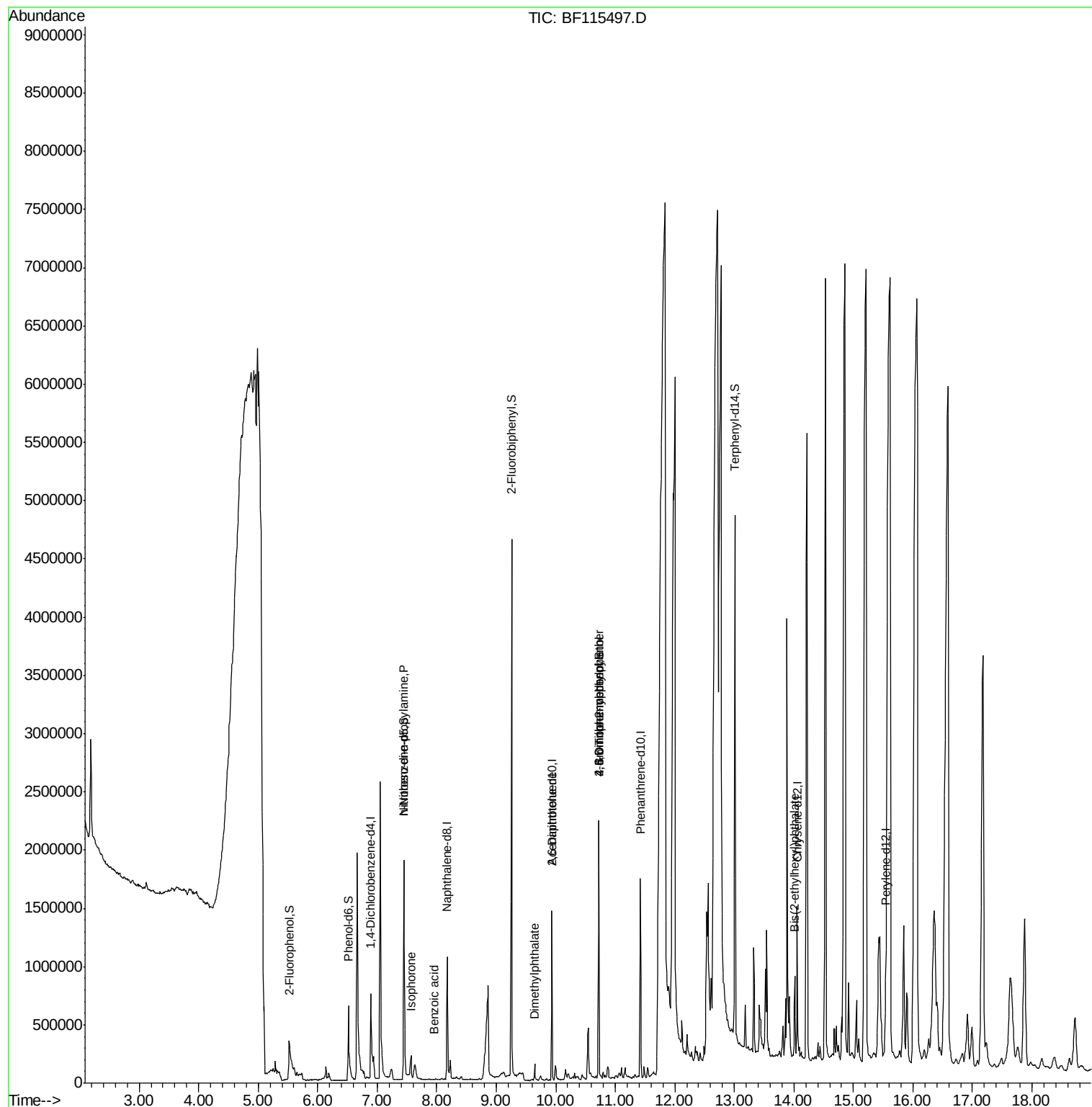
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	616	Below Cal		# 73
19) n-Nitroso-di-n-propylamine	7.45	70	100023	12.795	ng	# 79
25) Isophorone	7.57	82	120222	6.490	ng	# 64
32) Benzoic acid	7.96	122	474	6.117	ng	# 54
50) Dimethylphthalate	9.65	163	48999	2.249	ng	# 95
51) 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

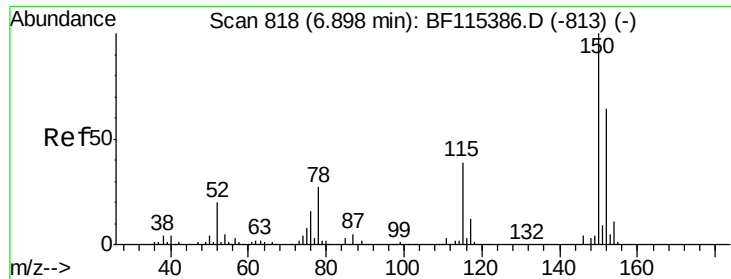
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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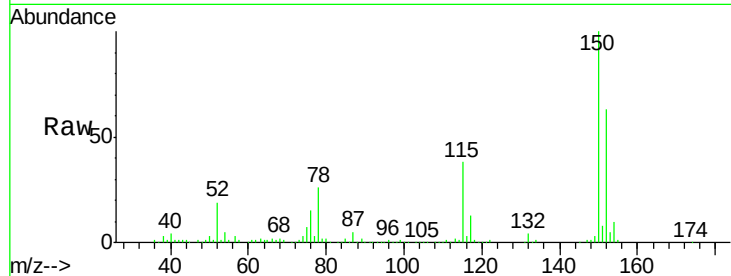


#1

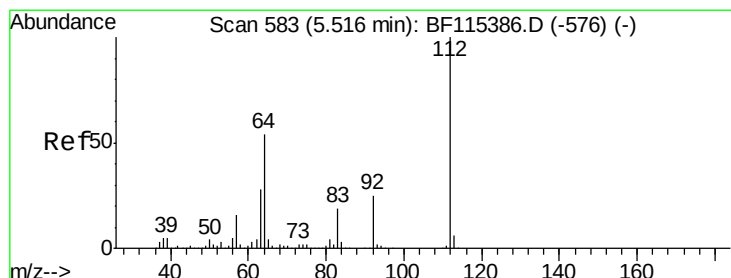
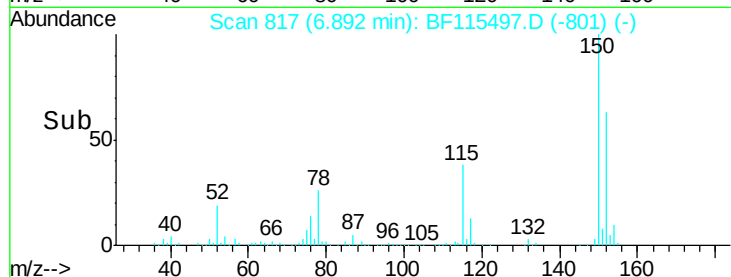
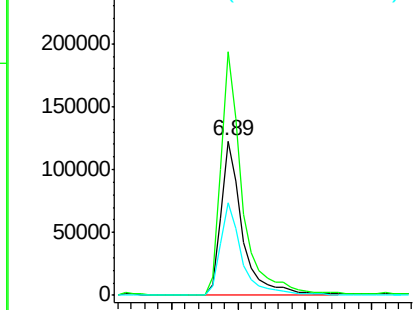
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Instrument :
BNA_F
ClientSampled :

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



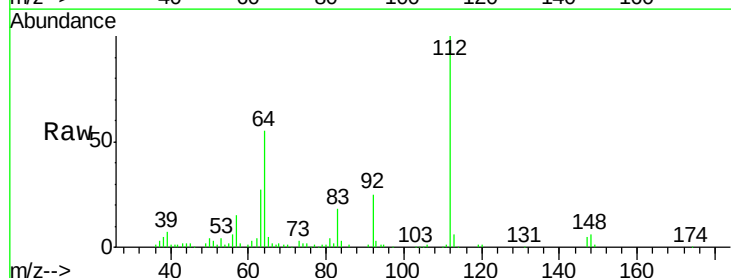
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



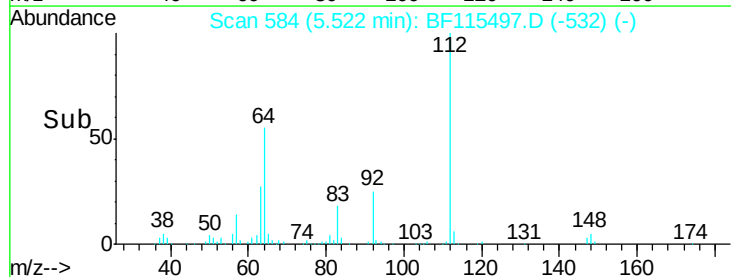
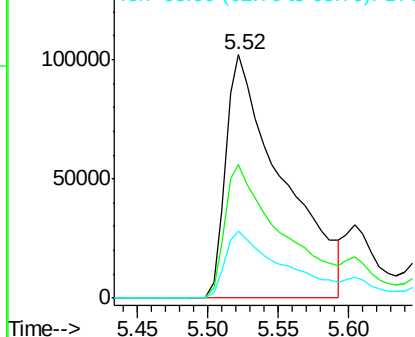
#5

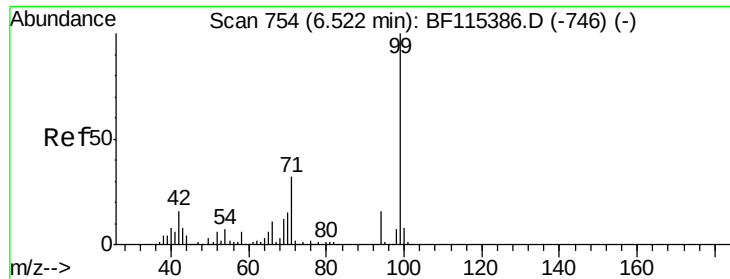
2-Fluorophenol
Concen: 31.338 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

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 :

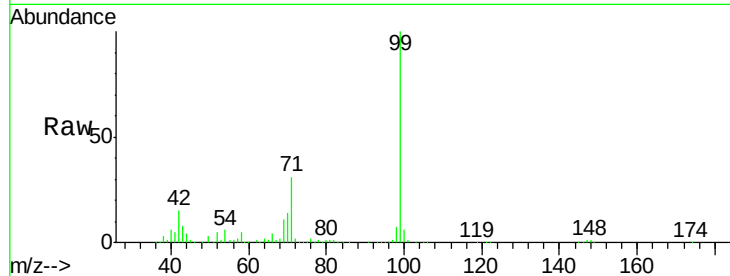
Tot Ion: 99 Resp: 364006

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

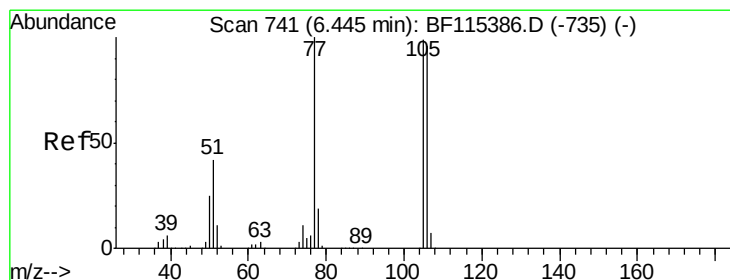
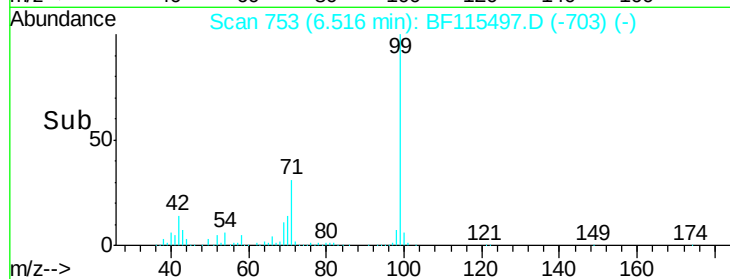
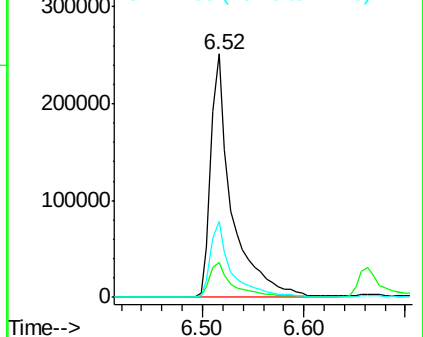
71 31.1 26.5 39.7



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



#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

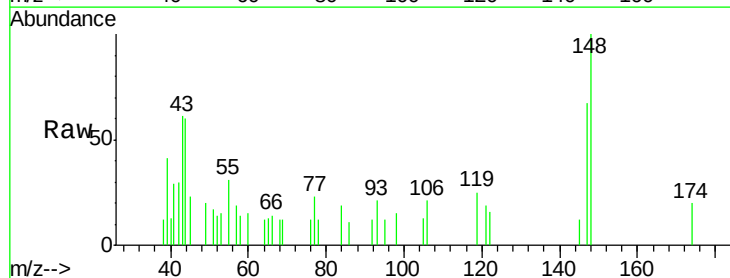
Tgt Ion: 77 Resp: 616

Ion Ratio Lower Upper

77 100

105 56.3 82.9 122.9#

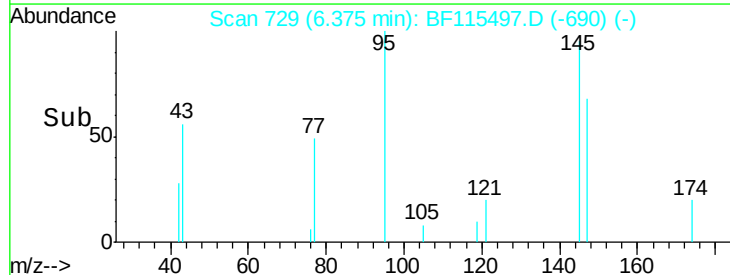
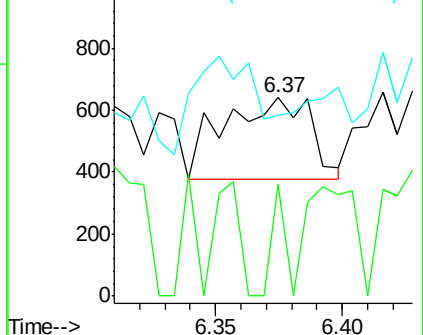
106 91.1 77.8 117.8

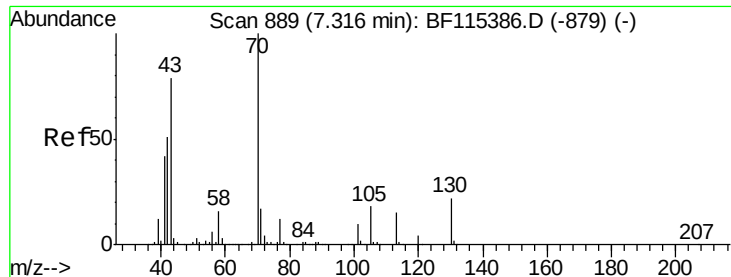


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

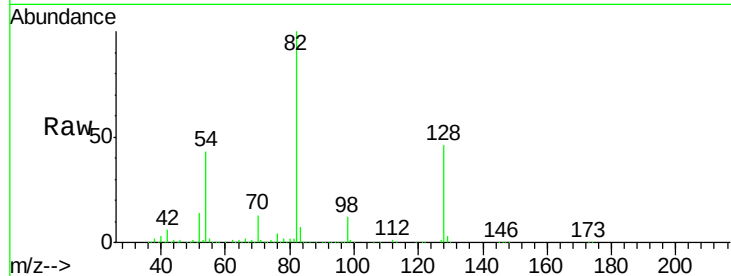




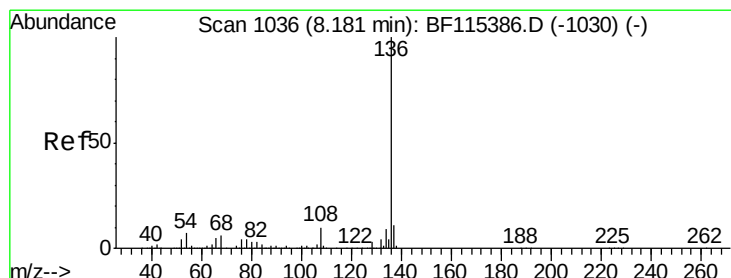
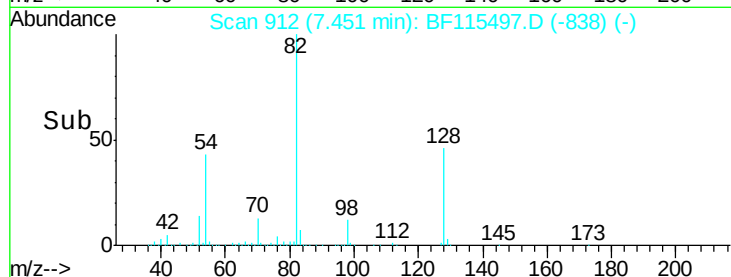
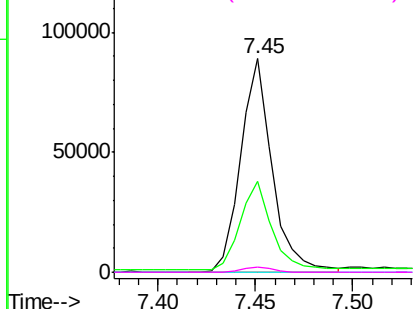
#19
n-Nitroso-di-n-propylamine
Concen: 12.795 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Instrument :
BNA_F
ClientSampleId :

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#

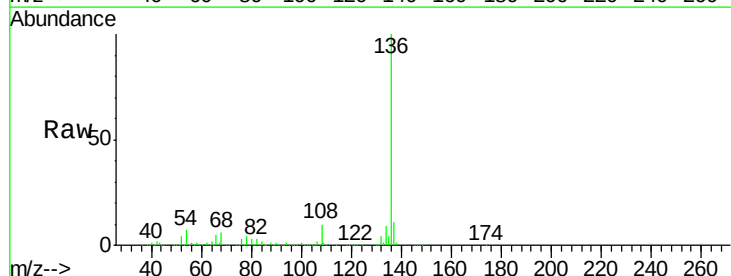


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

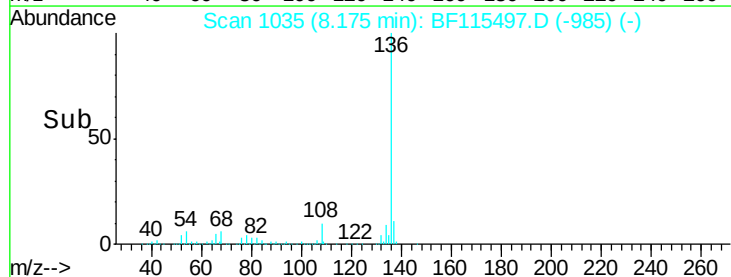
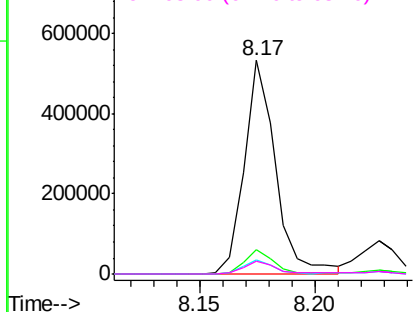


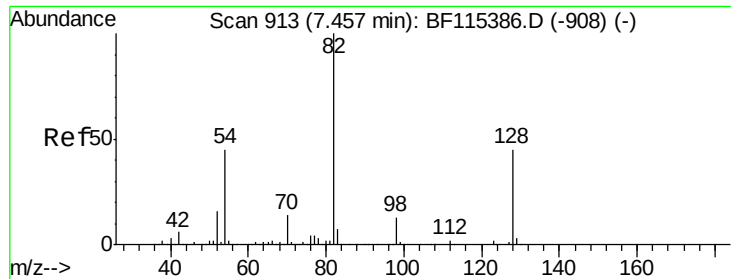
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

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



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

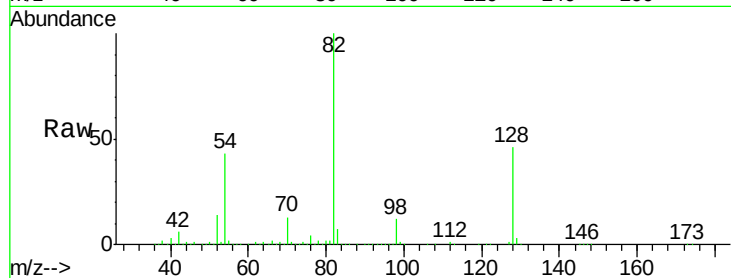




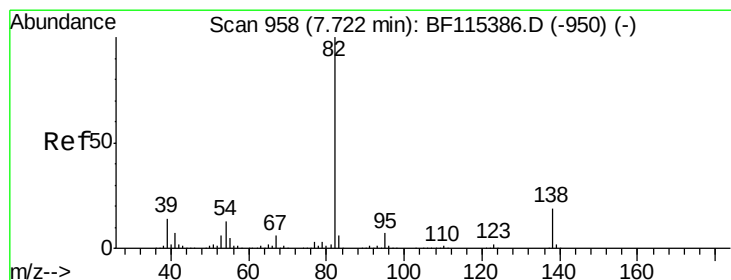
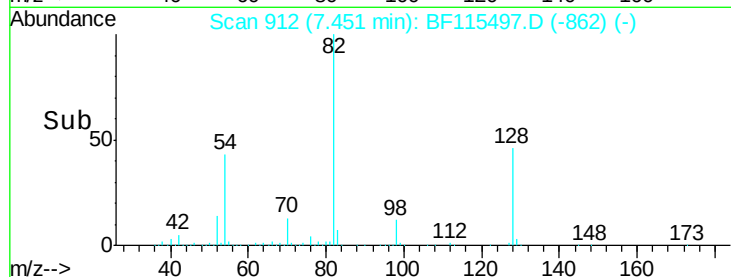
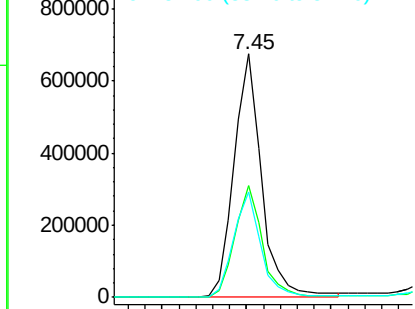
#23
Nitrobenzene-d5
Concen: 89.696 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Instrument :
BNA_F
ClientSampled :

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

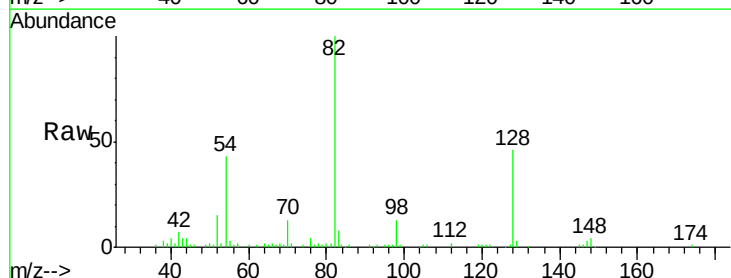


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

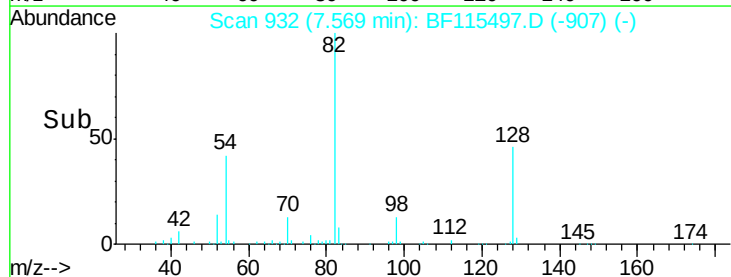
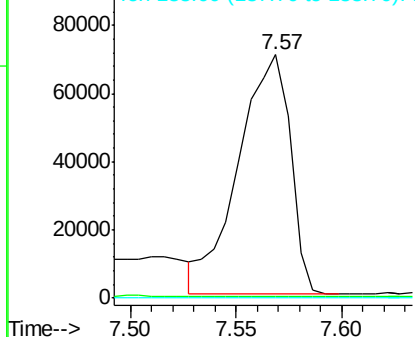


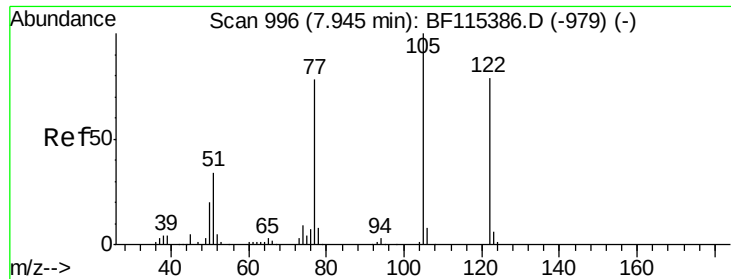
#25
Isophorone
Concen: 6.490 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.15 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

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#



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

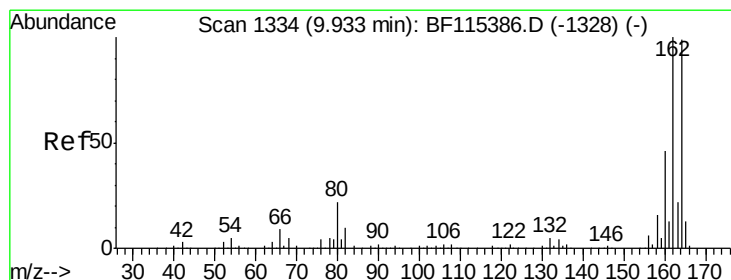
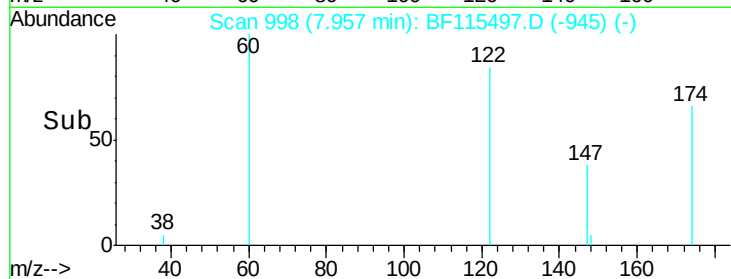
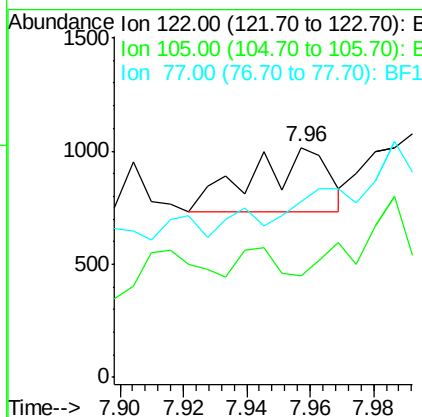
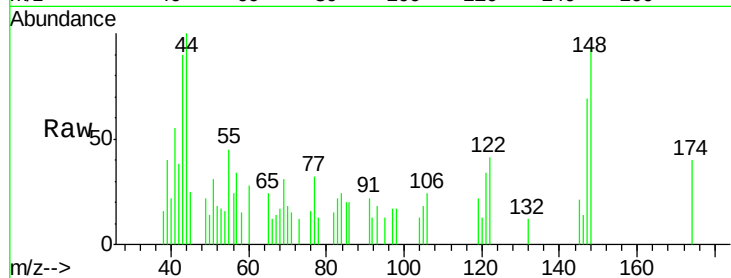




#32
Benzoic acid
Concen: 6.117 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

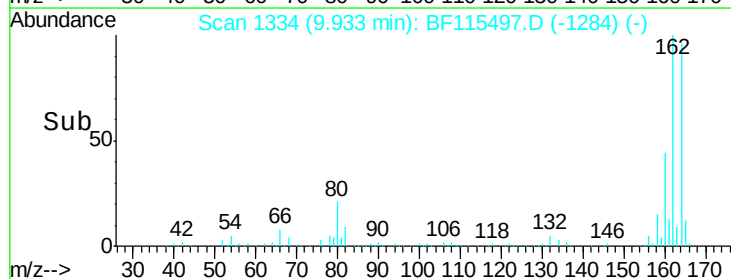
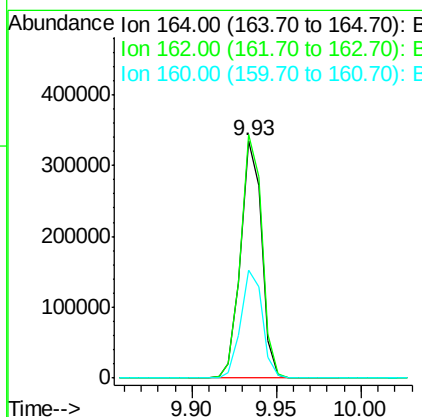
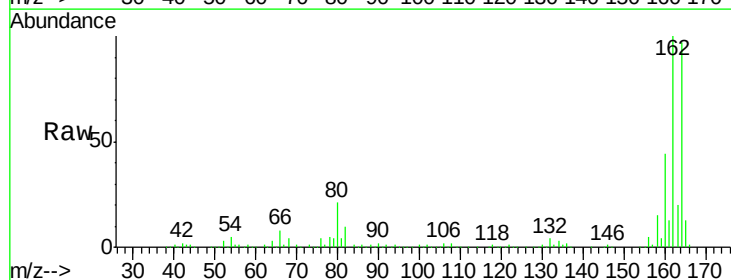
Instrument :
BNA_F
ClientSampleId :

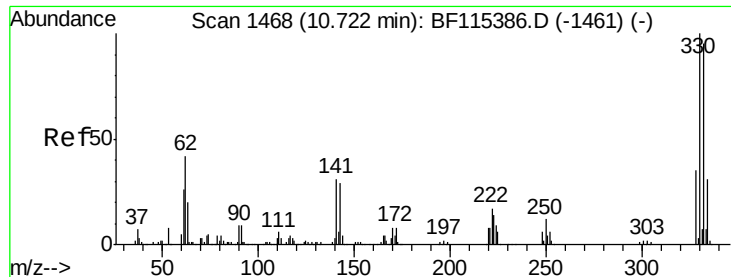
Tot Ion:122 Resp: 474
Ion Ratio Lower Upper
122 100
105 44.0 101.6 141.6#
77 76.7 69.1 109.1



#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

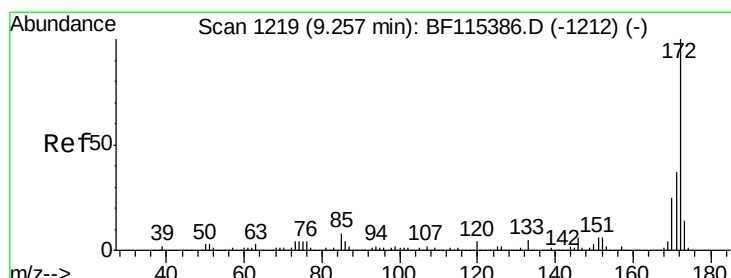
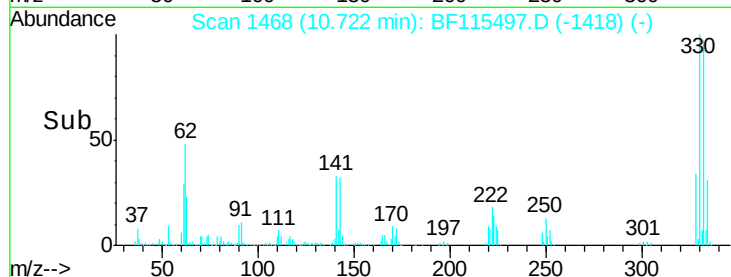
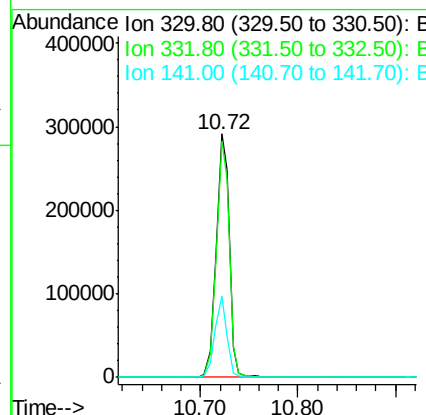
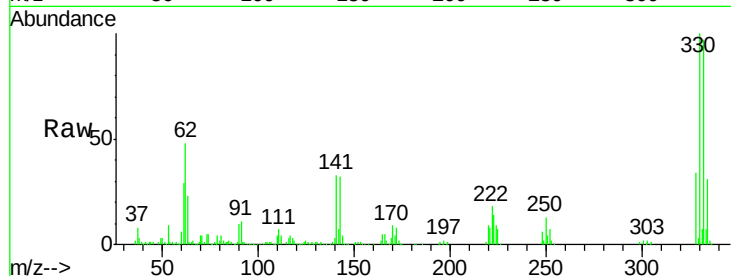




#42
 2,4,6-Tribromophenol
 Concen: 83.793 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF115497.D
 Acq: 11 Jul 2019 14:15

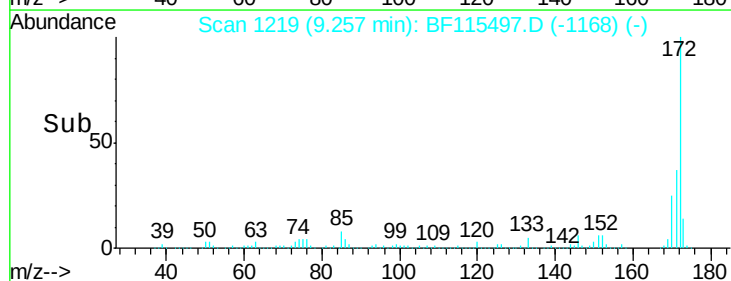
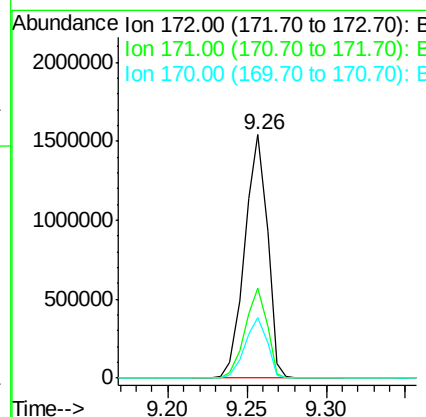
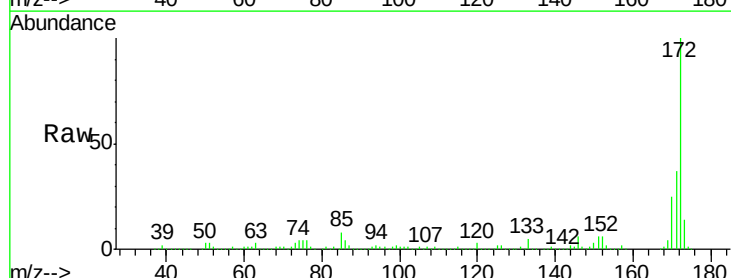
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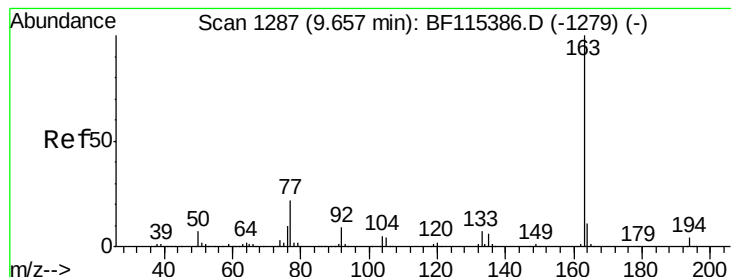
Tot Ion:330 Resp: 268979
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 30.8 24.7 37.1



#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





#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 :

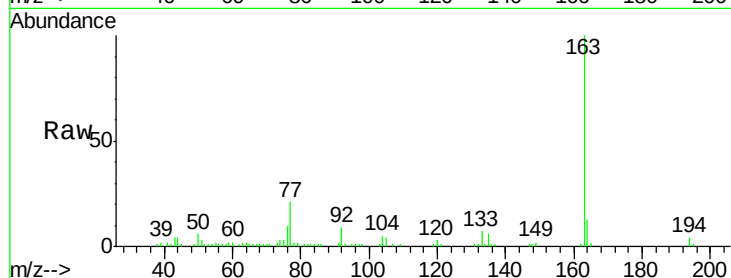
Tot Ion:163 Resp: 48999

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

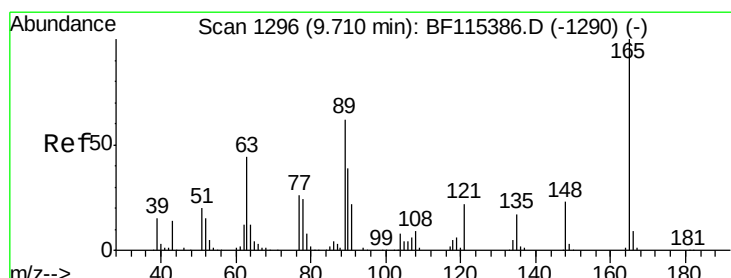
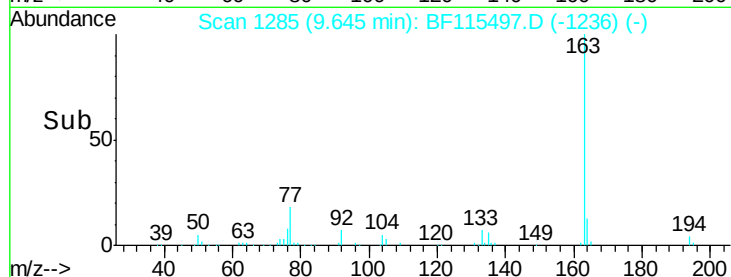
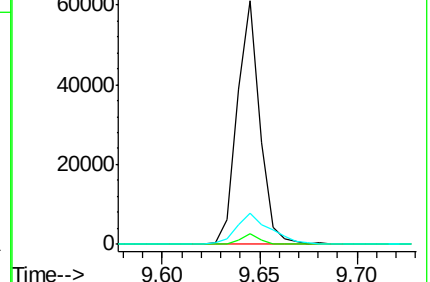
164 13.0 8.6 13.0#



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: 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

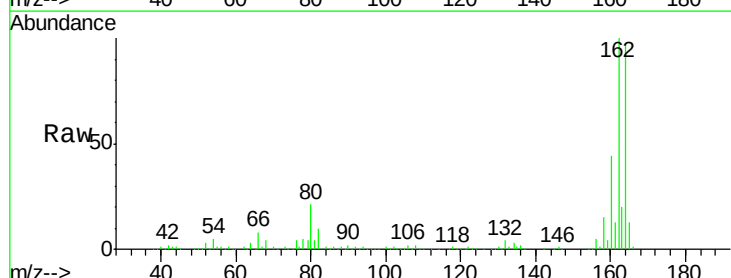
Tgt Ion:165 Resp: 36425

Ion Ratio Lower Upper

165 100

63 1.1 39.7 59.5#

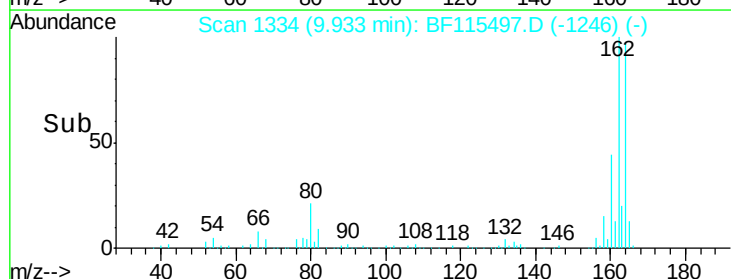
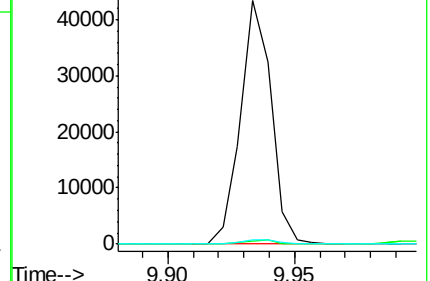
89 1.9 42.8 64.2#

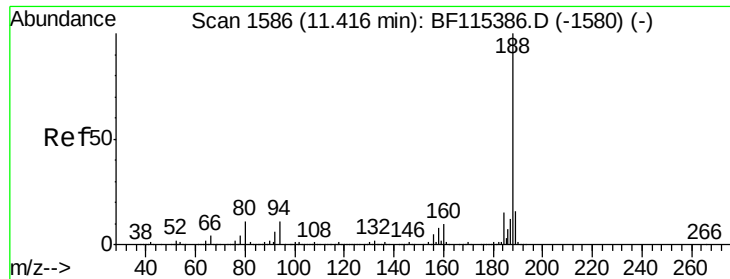


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

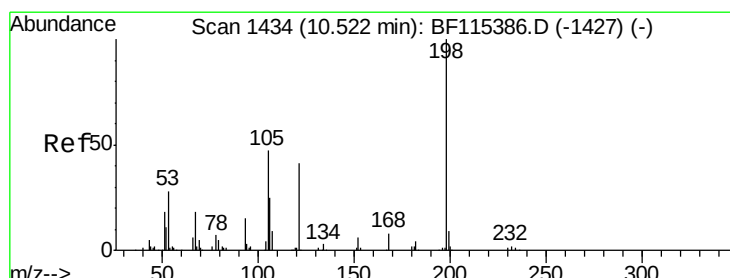
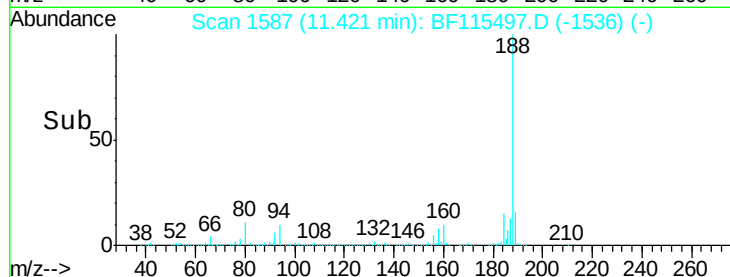
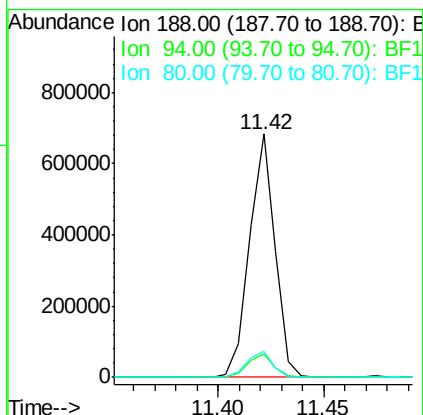
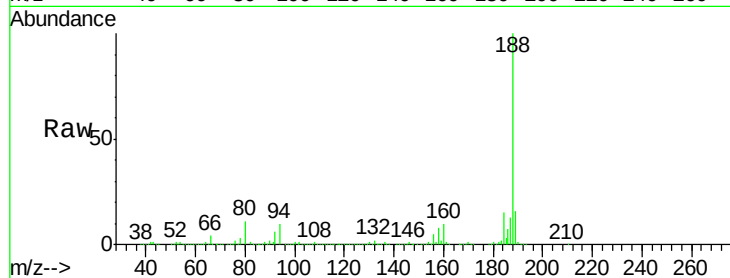




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

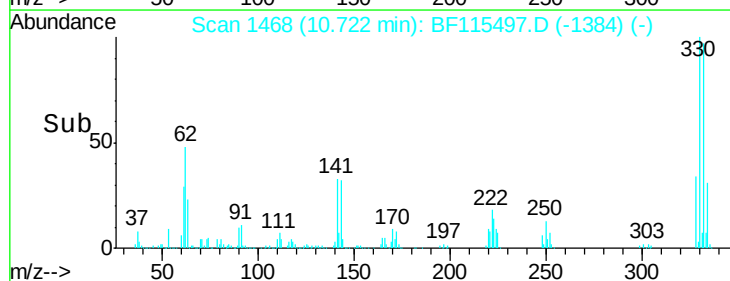
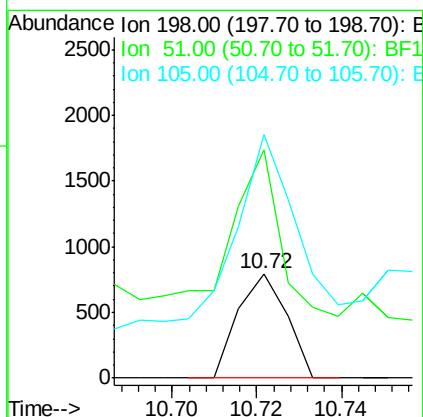
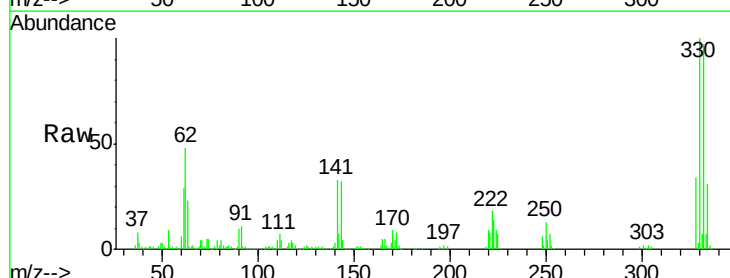
Instrument :
BNA_F
ClientSampleId :

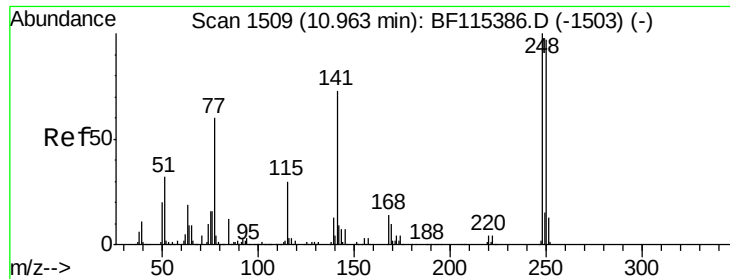
Tot Ion:188 Resp: 571220
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.8
80 10.6 8.4 12.6



#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#

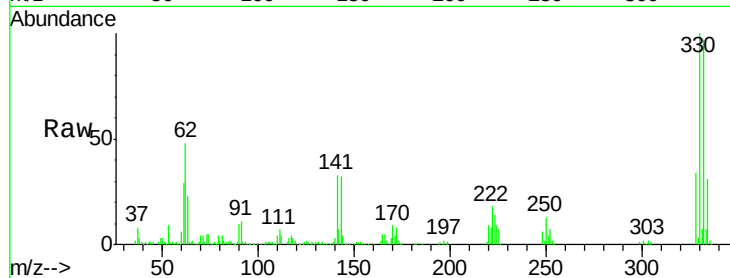




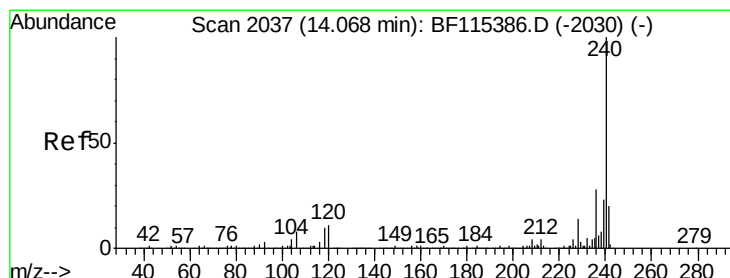
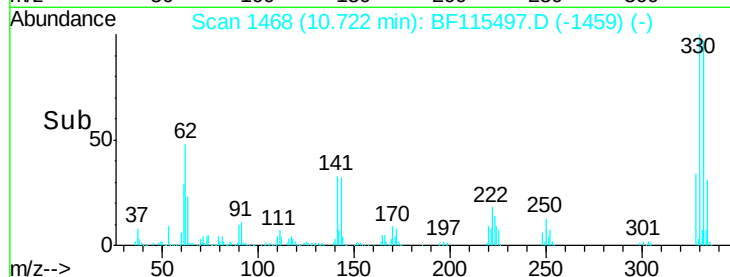
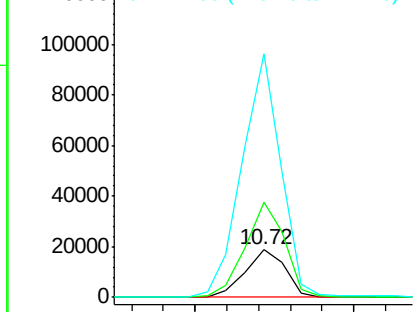
#67
4-Bromophenyl-phenylether
Concen: 2.560 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16406
Ion Ratio Lower Upper
248 100
250 199.6 78.3 117.5#
141 511.9 52.2 78.2#

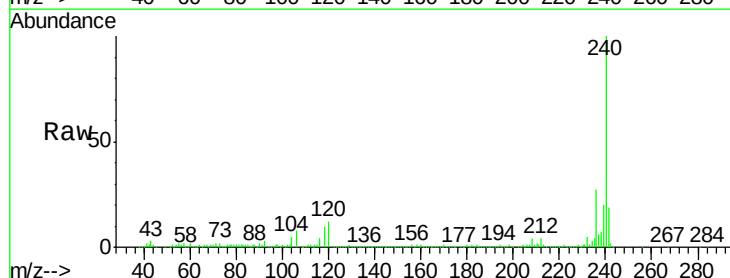


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

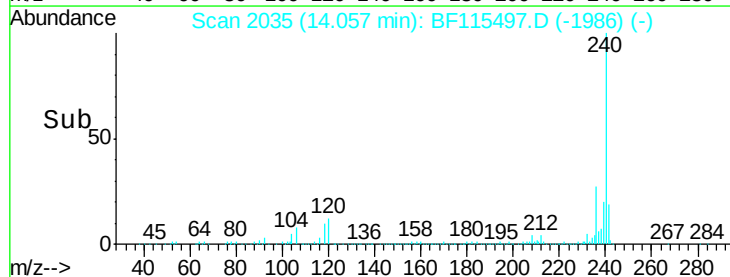
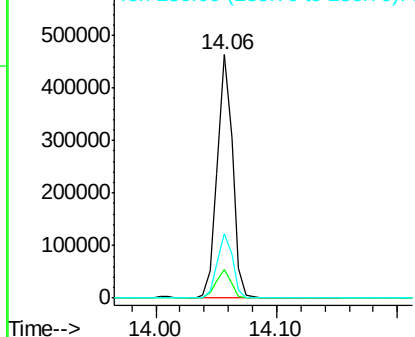


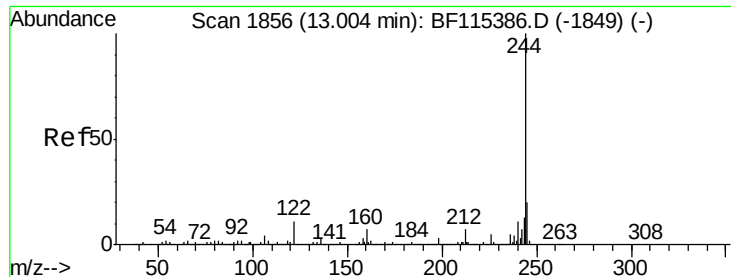
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115497.D
Acq: 11 Jul 2019 14:15

Tgt Ion:240 Resp: 401075
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.4
236 26.6 21.1 31.7



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





#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 :

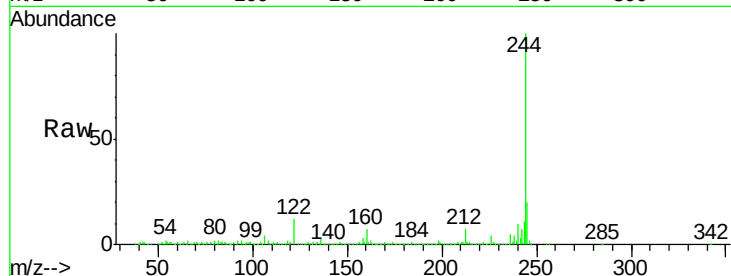
Tot Ion:244 Resp: 1671840

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

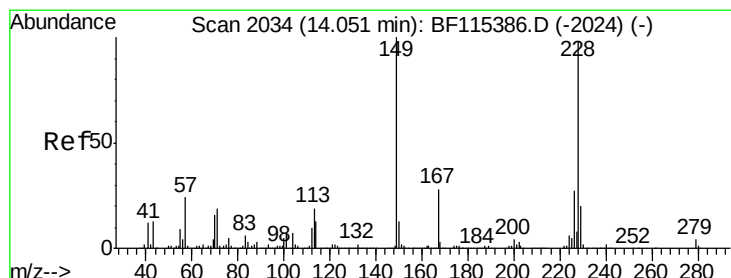
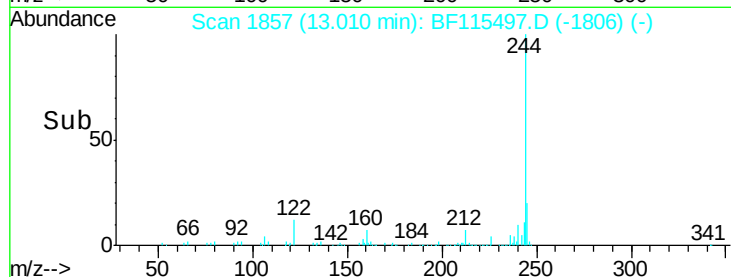
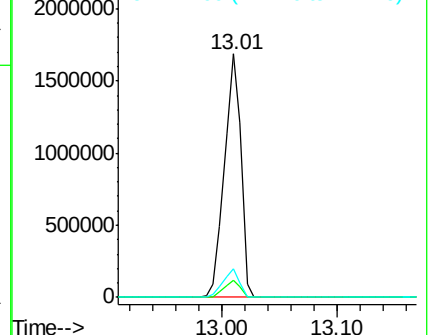
122 11.7 9.1 13.7



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

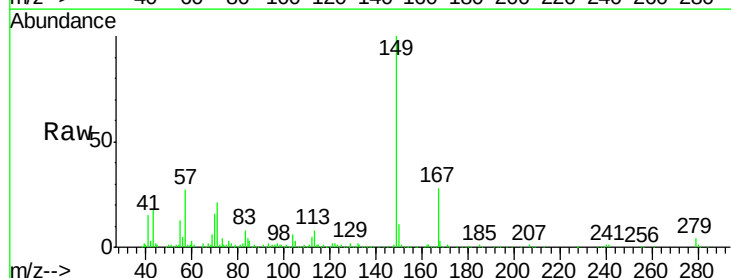
Tgt Ion:149 Resp: 200544

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

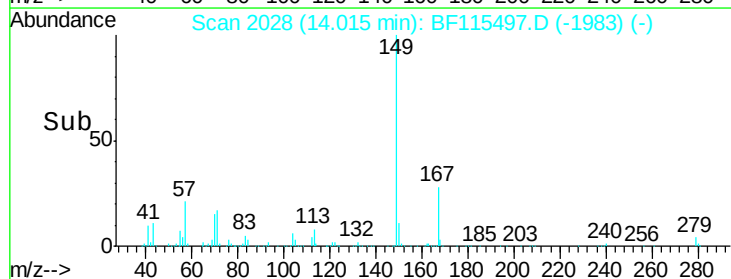
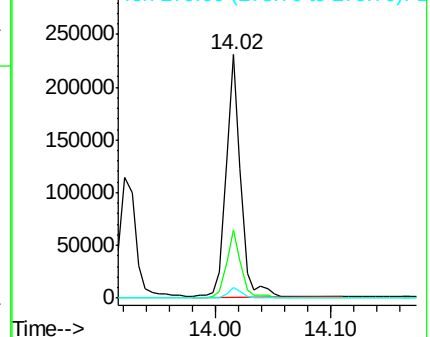
279 4.2 3.8 5.6

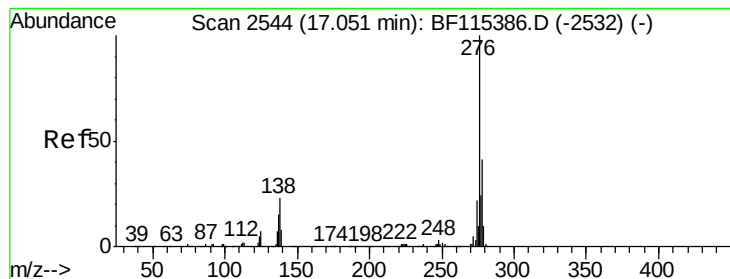


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

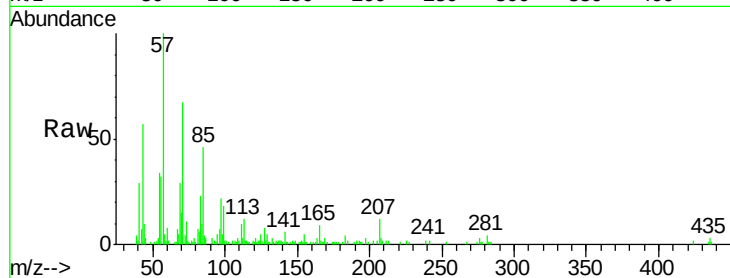
Tot Ion:276 Resp: 2912

Ion Ratio Lower Upper

276 100

138 93.0 20.6 31.0#

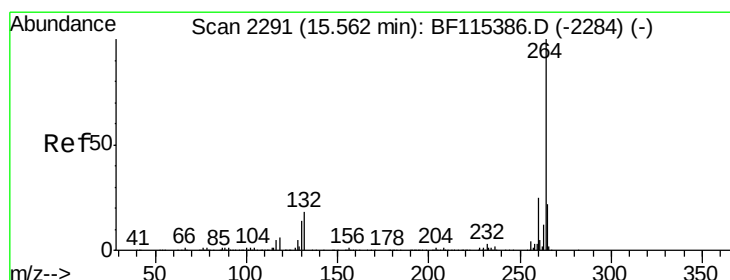
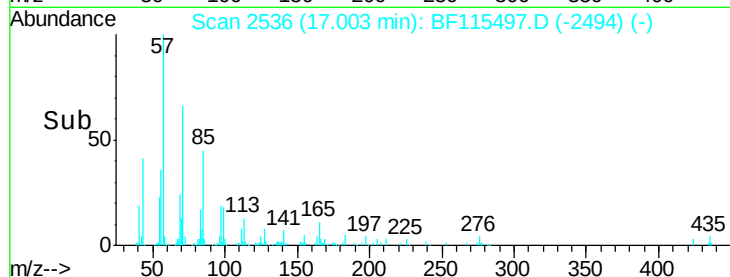
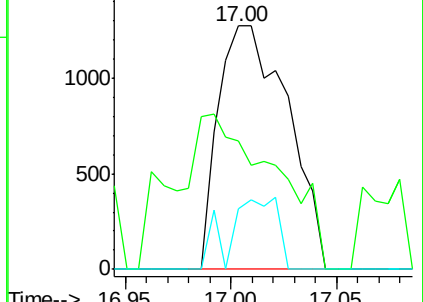
277 0.0 20.2 30.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF115497.D

Acq: 11 Jul 2019 14:15

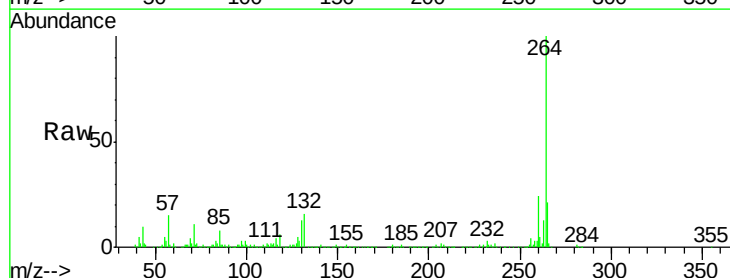
Tgt Ion:264 Resp: 344229

Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 21.3 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

