

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119829.D
 Acq On : 7 Apr 2020 18:25
 Operator : MA/SJ
 Sample : L2132-06
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Quant Time: Apr 08 00:53:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117658	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	436884	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	177477	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	229317	20.00	ng	0.04
76) Chrysene-d12	13.99	240	220904	20.00	ng	0.03
87) Perylene-d12	15.43	264	187523	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	806051	109.06	ng	0.01
7) Phenol-d6	6.42	99	998163	105.72	ng	0.00
23) Nitrobenzene-d5	7.35	82	592800	73.74	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	198981	108.68	ng	0.02
45) 2-Fluorobiphenyl	9.15	172	1136431	94.86	ng	0.00
79) Terphenyl-d14	12.95	244	891995	79.11	ng	0.04

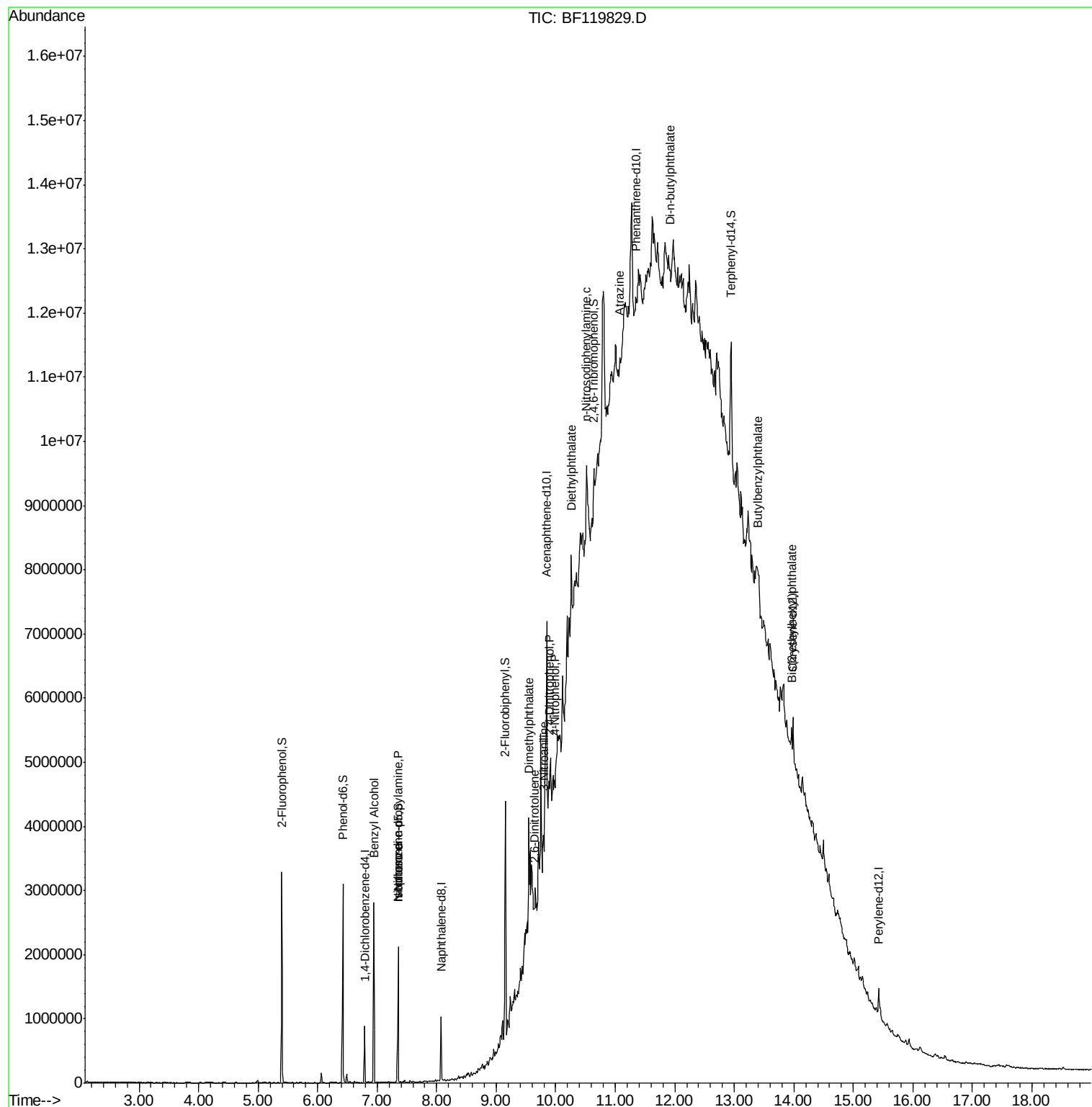
Target Compounds						Qvalue
15) Benzyl Alcohol	6.94	79	15837	2.23	ng	# 56
19) n-Nitroso-di-n-propylamine	7.35	70	79377	13.95	ng	# 74
25) Isophorone	7.35	82	592787	36.35	ng	# 65
50) Dimethylphthalate	9.55	163	165231	13.11	ng	# 85
51) 2,6-Dinitrotoluene	9.64	165	8685	3.21	ng	# 33
53) 3-Nitroaniline	9.79	138	13051	3.83	ng	# 18
54) 2,4-Dinitrophenol	9.89	184	274	7.49	ng	# 1
56) 4-Nitrophenol	9.97	139	8905	3.31	ng	# 1
60) Diethylphthalate	10.26	149	53794	4.20	ng	# 45
66) n-Nitrosodiphenylamine	10.52	169	31407	4.17	ng	# 75
69) Atrazine	11.07	200	20871	10.11	ng	# 1
74) Di-n-butylphthalate	11.92	149	41261	3.22	ng	# 29
80) Butylbenzylphthalate	13.40	149	60474	8.25	ng	# 67
84) Bis(2-ethylhexyl)phthalate	13.96	149	148839	17.03	ng	# 95

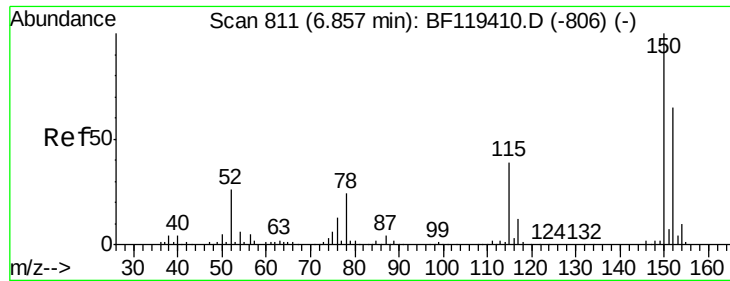
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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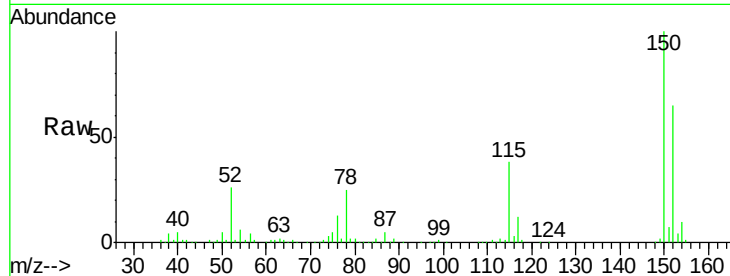


#1

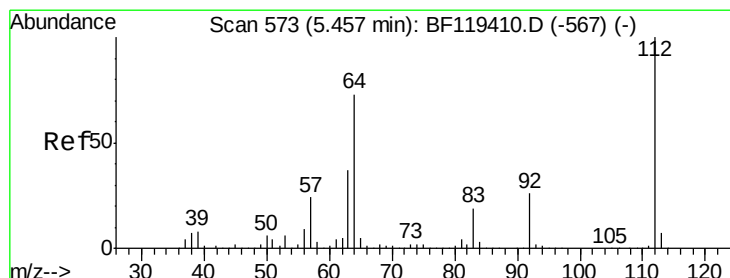
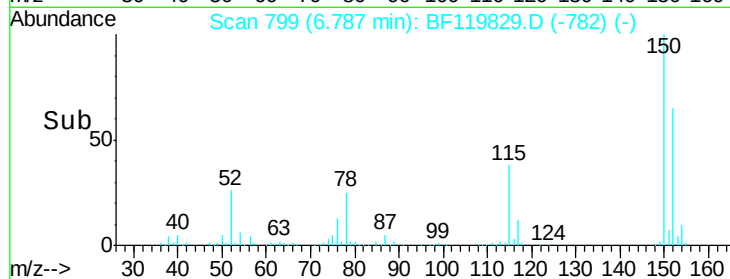
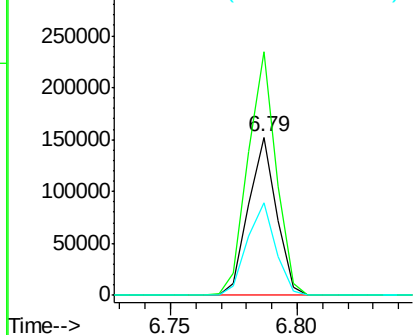
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 117658
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 58.8 49.6 74.4



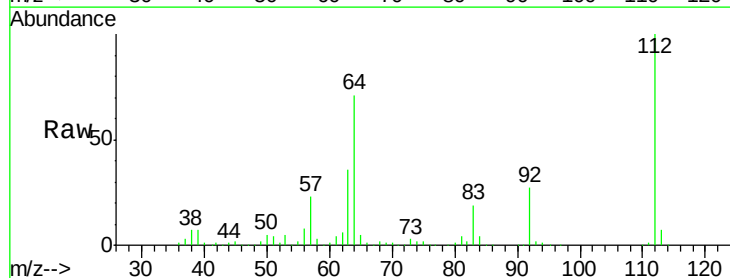
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



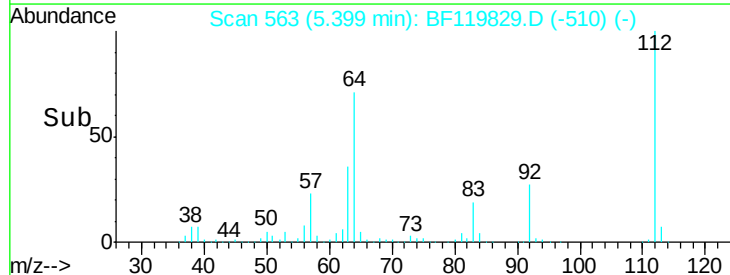
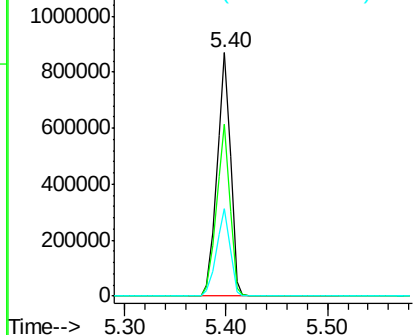
#5

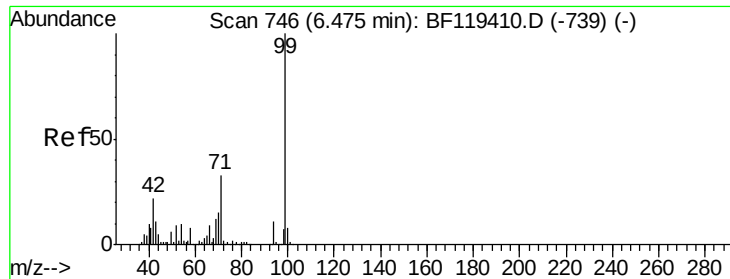
2-Fluorophenol
Concen: 109.06 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

Tgt Ion:112 Resp: 806051
Ion Ratio Lower Upper
112 100
64 70.8 56.7 85.1
63 36.1 29.5 44.3



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: 105.72 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

Instrument :

BNA_F

ClientSampled :

T-2

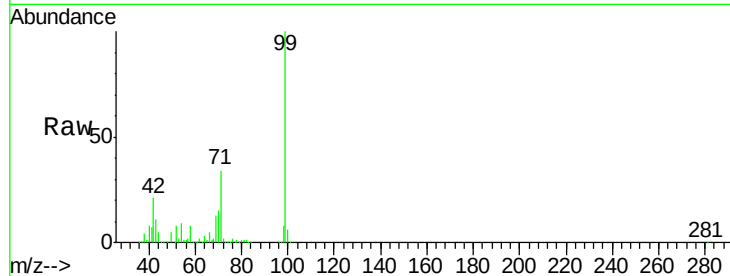
Tgt Ion: 99 Resp: 998163

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

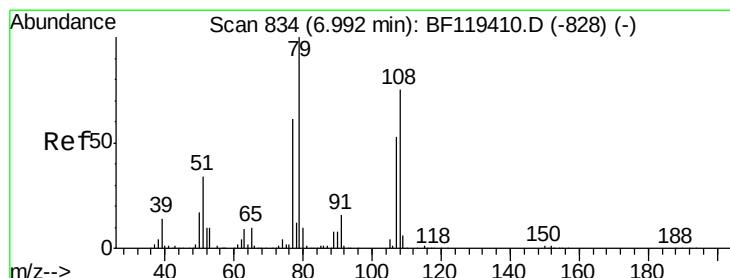
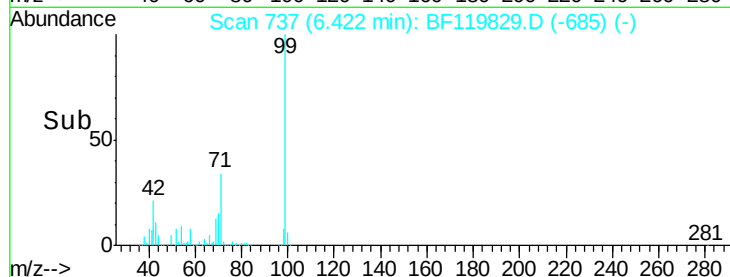
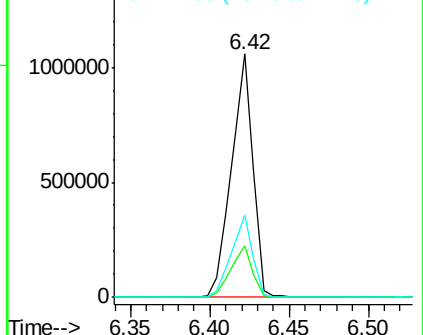
71 33.8 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

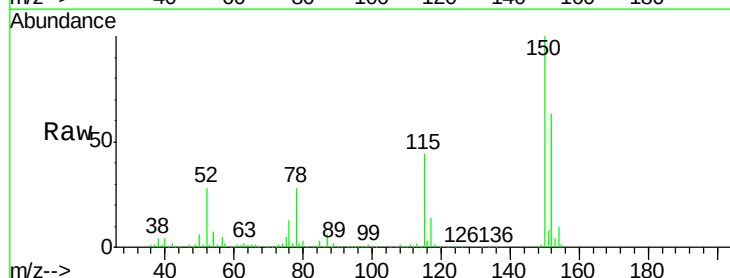
Tgt Ion: 79 Resp: 15837

Ion Ratio Lower Upper

79 100

108 30.3 60.6 90.8#

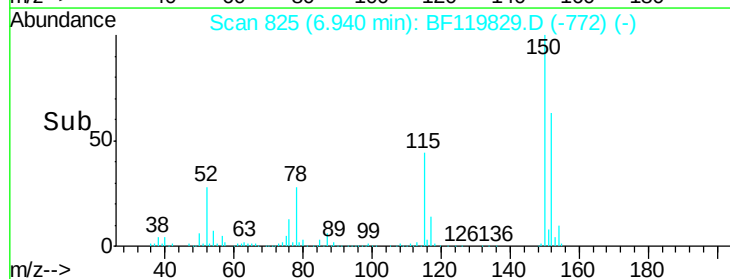
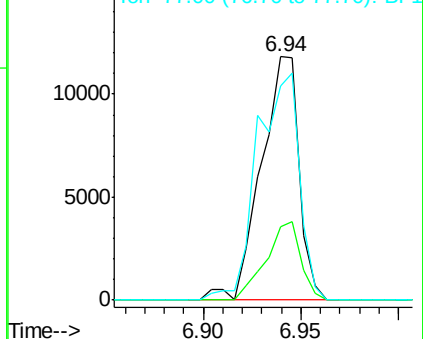
77 87.8 50.2 75.2#

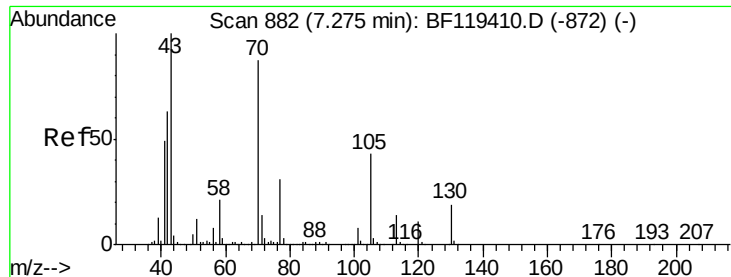


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

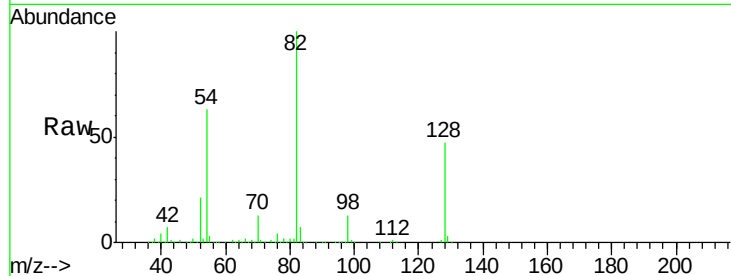




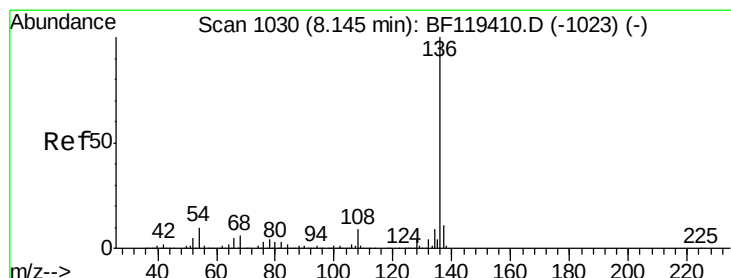
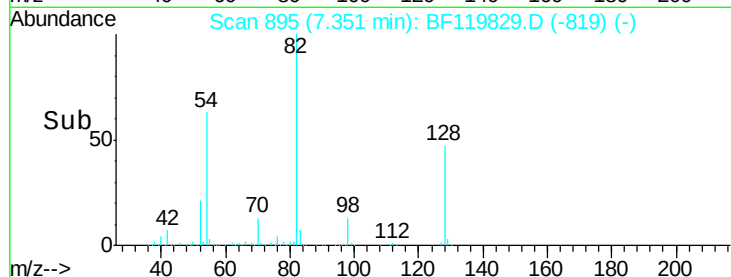
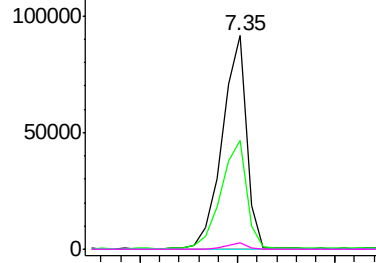
#19
n-Nitroso-di-n-propylamine
Concen: 13.95 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

Instrument :
BNA_F
ClientSampled :
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Tgt Ion:	70	Resp:	79377
Ion	Ratio	Lower	Upper
70	100		
42	51.2	54.5	81.7#
101	0.0	7.6	11.4#
130	2.8	17.6	26.4#



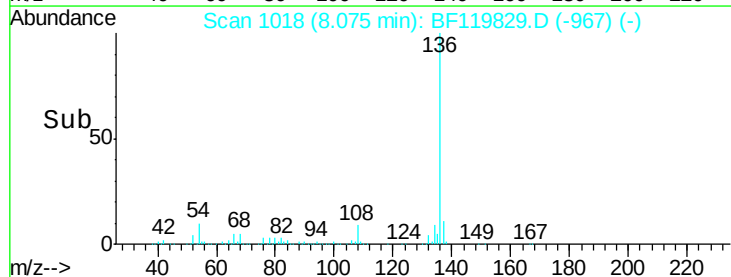
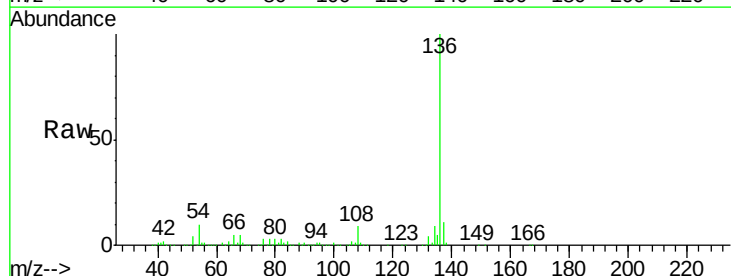
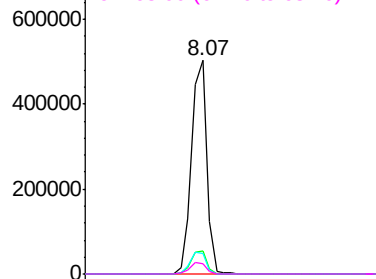
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

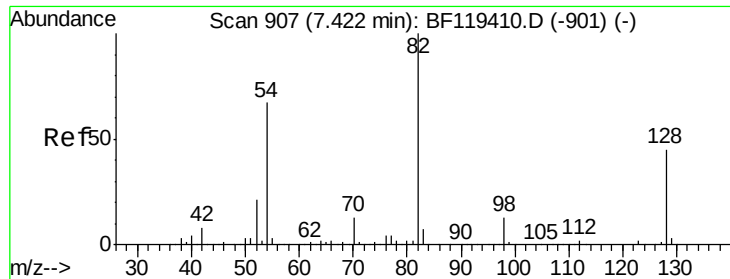


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

Tgt Ion:	136	Resp:	436884
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.5	9.1	13.7
68	4.8	4.6	6.8

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

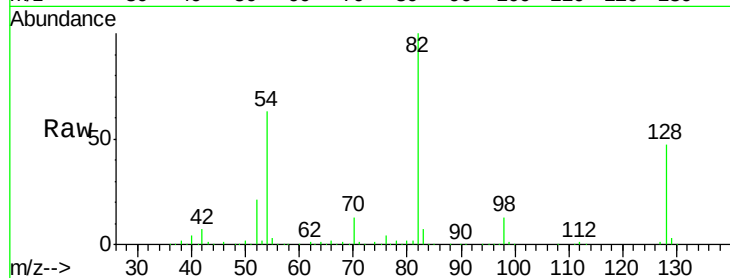




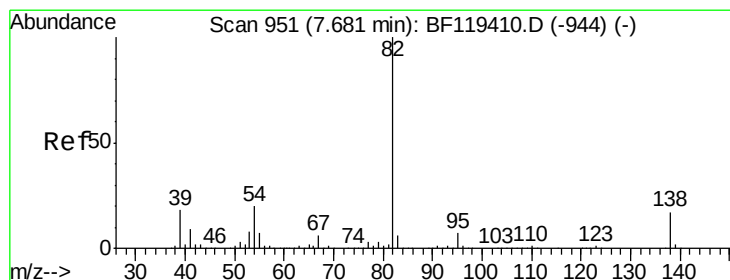
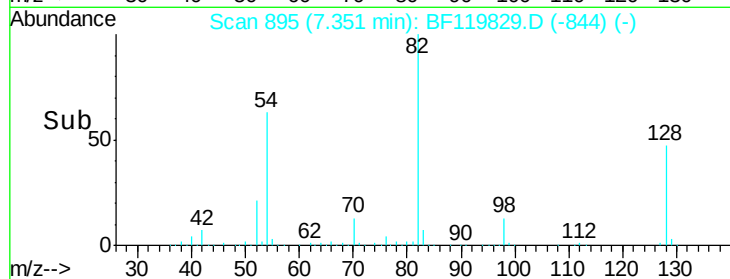
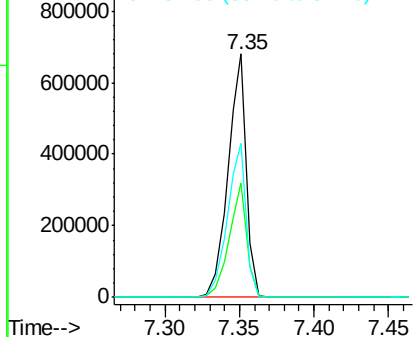
#23
 Nitrobenzene-d5
 Concen: 73.74 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF119829.D
 Acq: 7 Apr 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :
 T-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	63.1	50.6	75.8

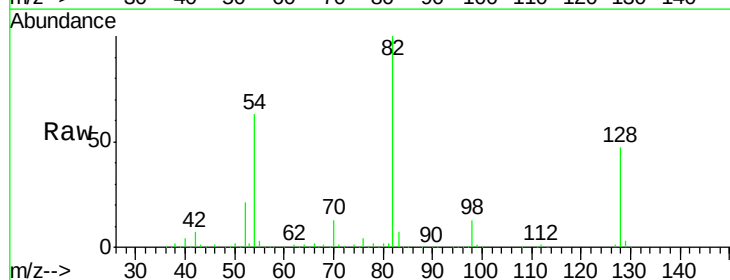


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

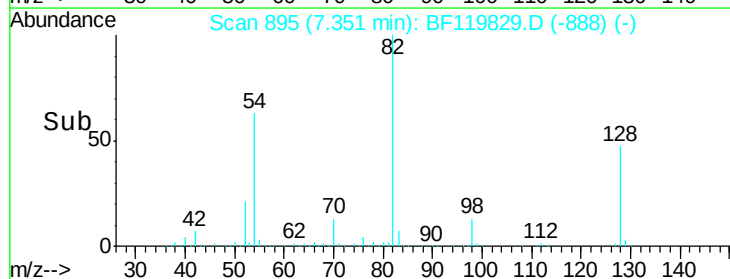
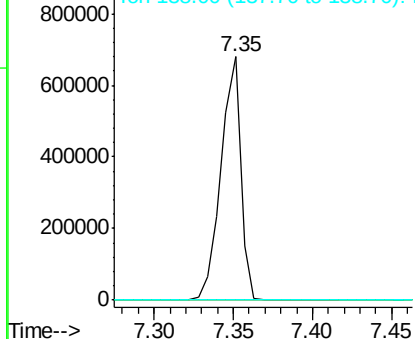


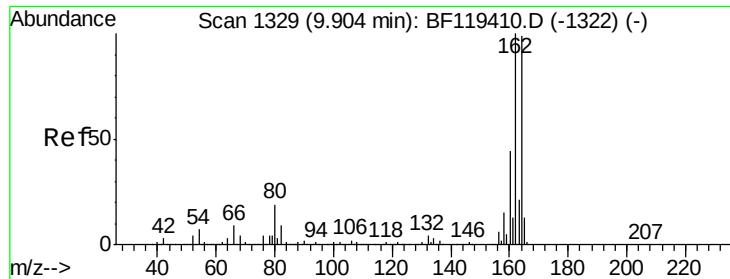
#25
 Isophorone
 Concen: 36.35 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BF119829.D
 Acq: 7 Apr 2020 18:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



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

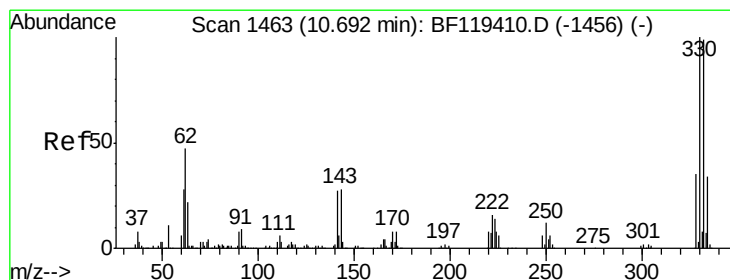
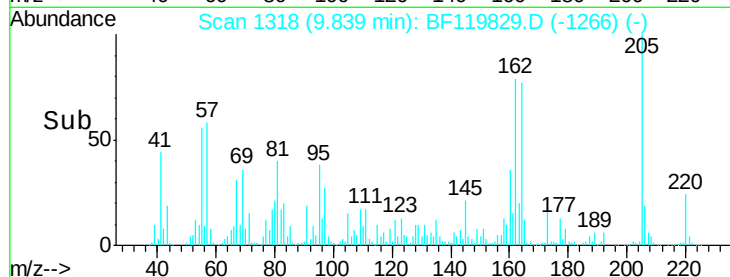
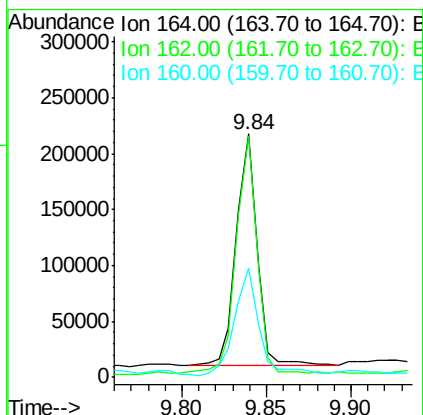
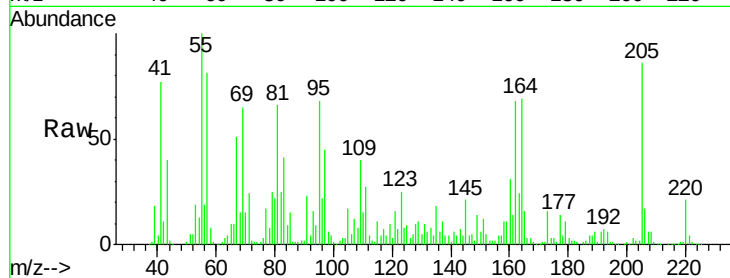




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

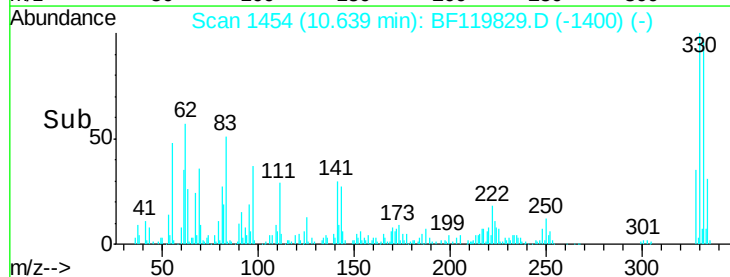
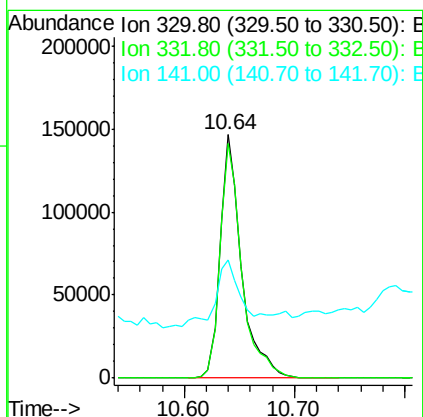
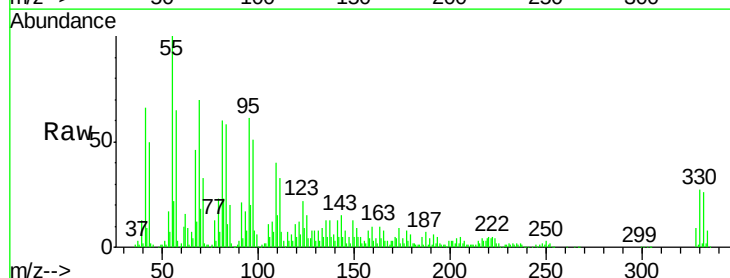
Instrument :
BNA_F
ClientSampleId :
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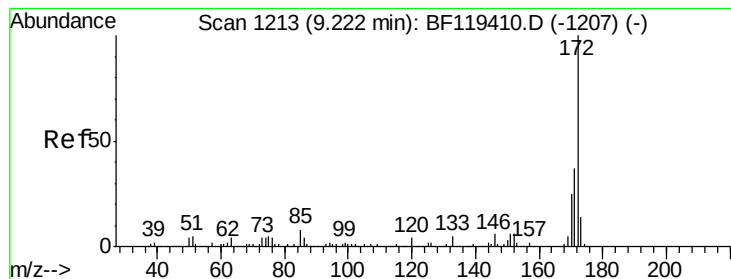
Tgt Ion:164 Resp: 177477
Ion Ratio Lower Upper
164 100
162 99.1 80.6 121.0
160 45.0 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 108.68 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.02 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

Tgt Ion:330 Resp: 198981
Ion Ratio Lower Upper
330 100
332 97.9 75.7 113.5
141 32.7 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 94.86 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

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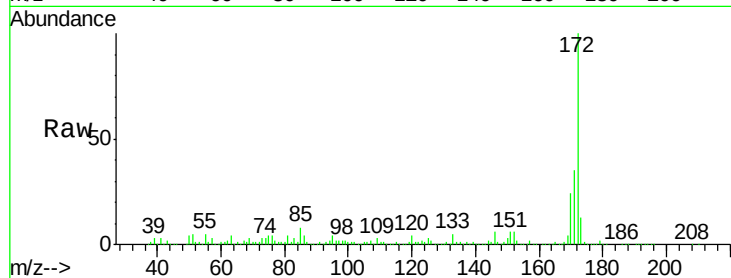
Tgt Ion:172 Resp: 1136431

Ion Ratio Lower Upper

172 100

171 35.0 29.6 44.4

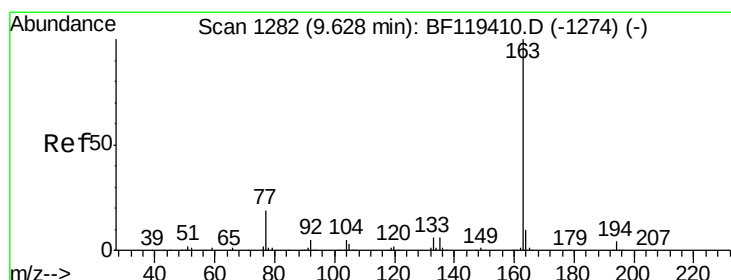
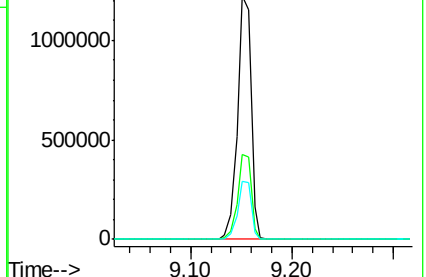
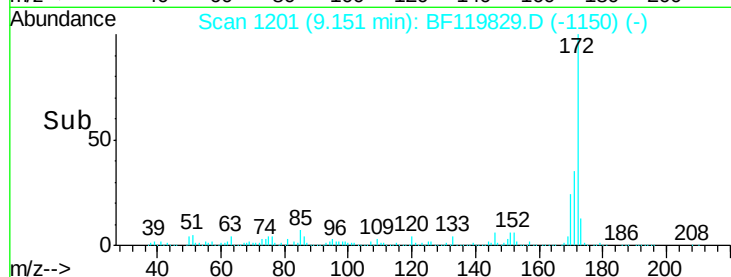
170 23.8 20.2 30.2



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: 13.11 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

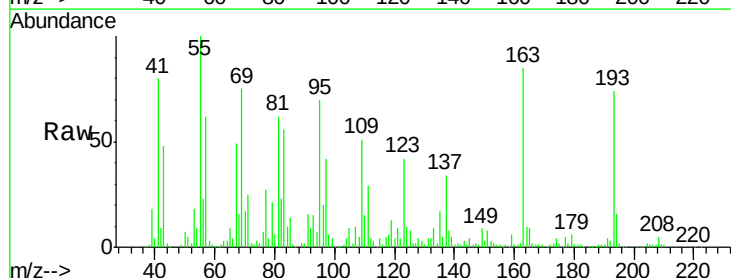
Tgt Ion:163 Resp: 165231

Ion Ratio Lower Upper

163 100

194 18.8 3.1 4.7#

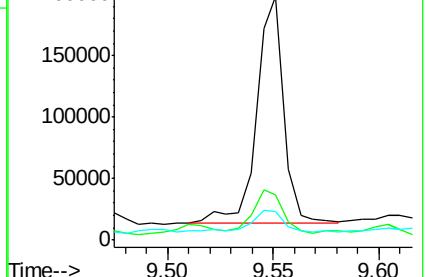
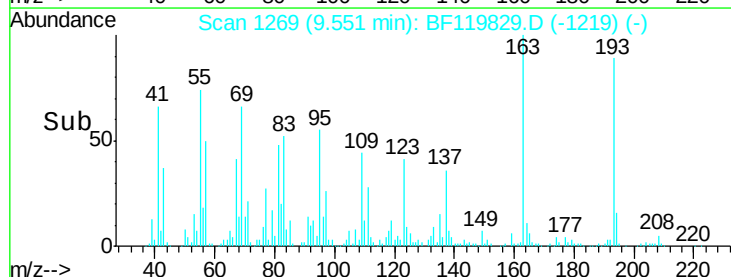
164 11.6 8.2 12.2

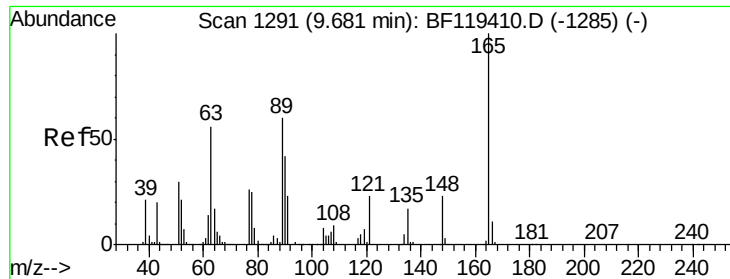


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 3.21 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

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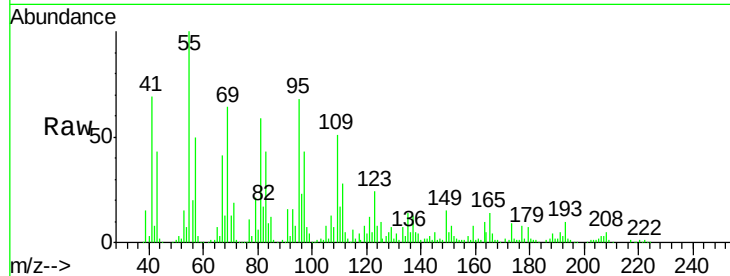
Tgt Ion:165 Resp: 8685

Ion Ratio Lower Upper

165 100

63 7.8 45.0 67.4#

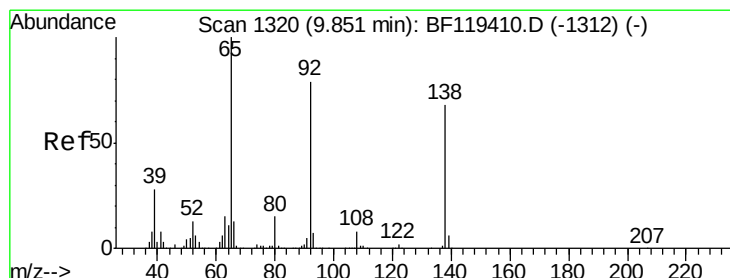
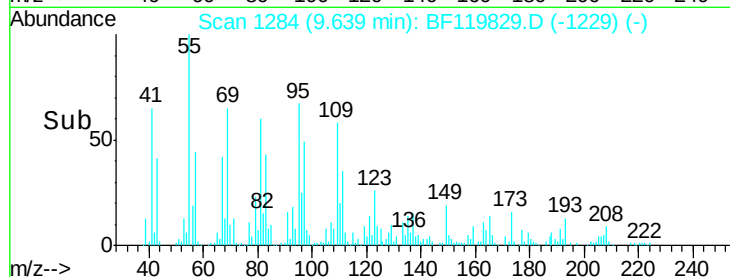
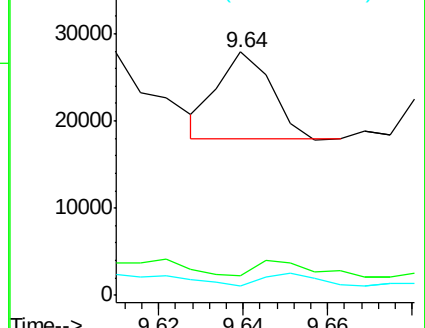
89 3.7 41.5 62.3#



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



#53

3-Nitroaniline

Concen: 3.83 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

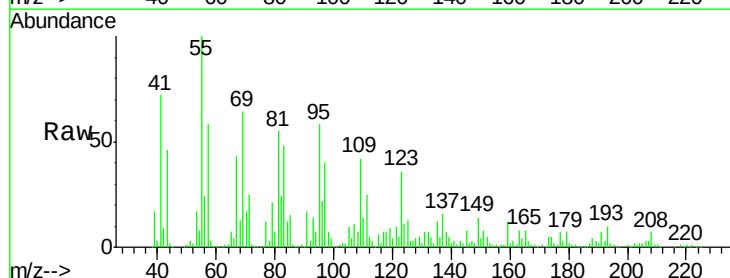
Tgt Ion:138 Resp: 13051

Ion Ratio Lower Upper

138 100

108 89.2 8.6 13.0#

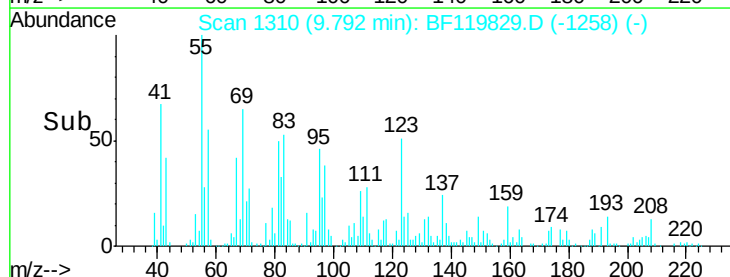
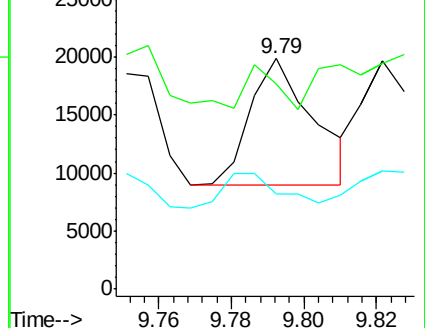
92 41.5 95.4 143.0#

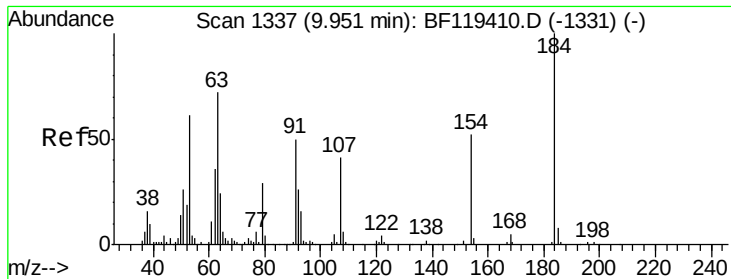


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

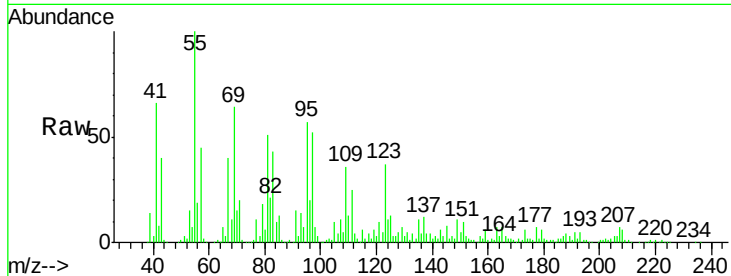




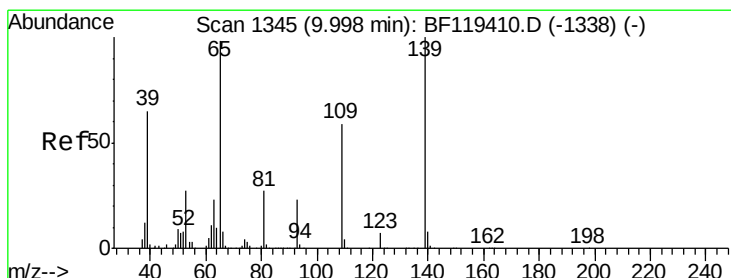
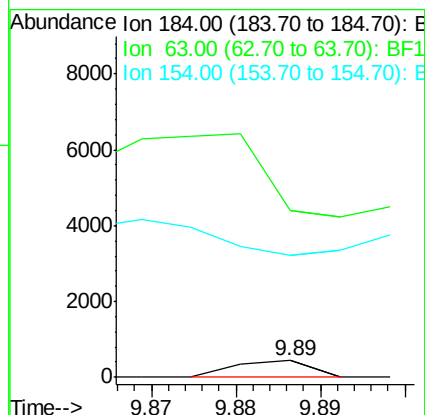
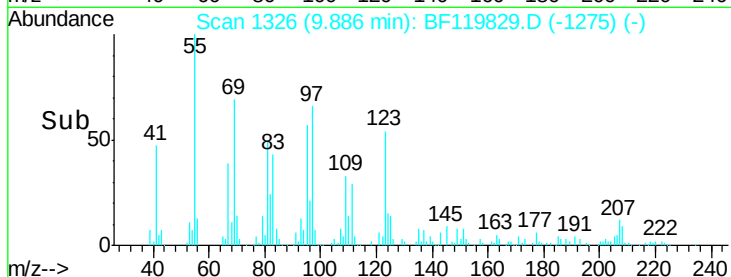
#54
2,4-Dinitrophenol
Concen: 7.49 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

Instrument :
BNA_F
ClientSampled :
T-2

Tgt Ion:184 Resp: 274
Ion Ratio Lower Upper
184 100
63 1004.3 50.2 75.4#
154 736.8 44.5 66.7#

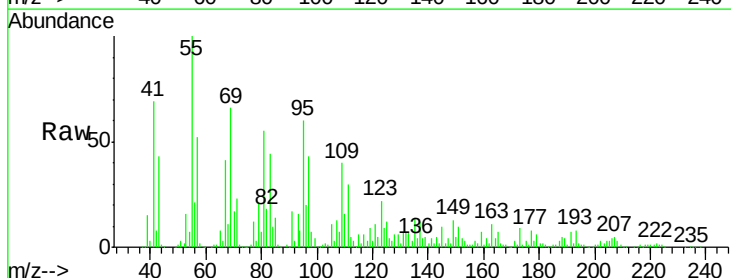


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

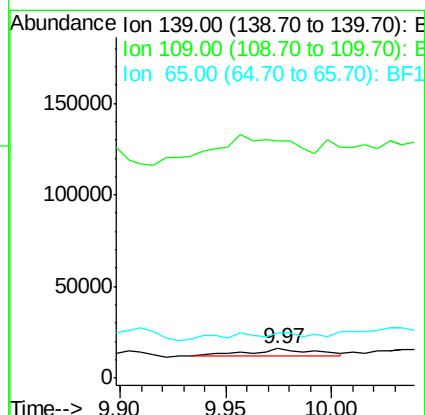
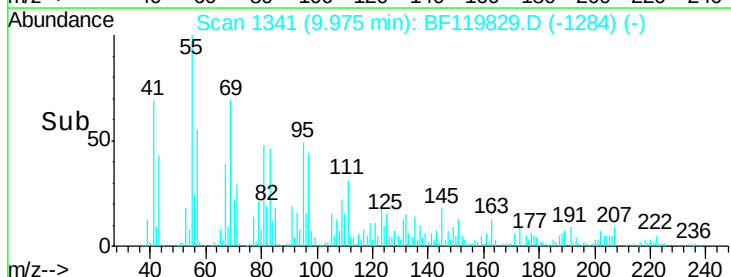


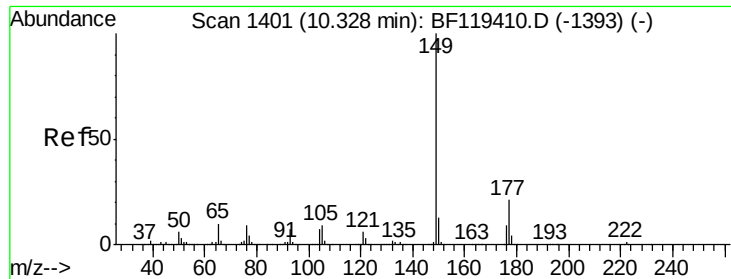
#56
4-Nitrophenol
Concen: 3.31 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF119829.D
Acq: 7 Apr 2020 18:25

Tgt Ion:139 Resp: 8905
Ion Ratio Lower Upper
139 100
109 809.4 43.3 83.3#
65 154.5 91.0 131.0#



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





#60

Diethylphthalate

Concen: 4.20 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

T-2

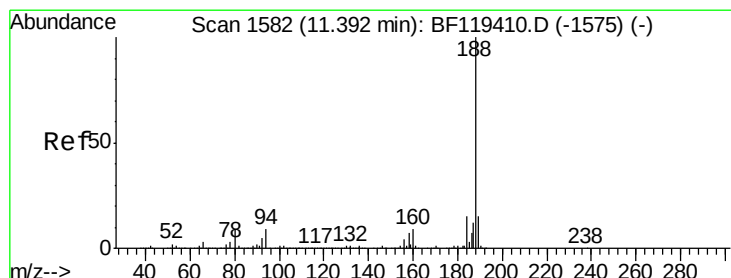
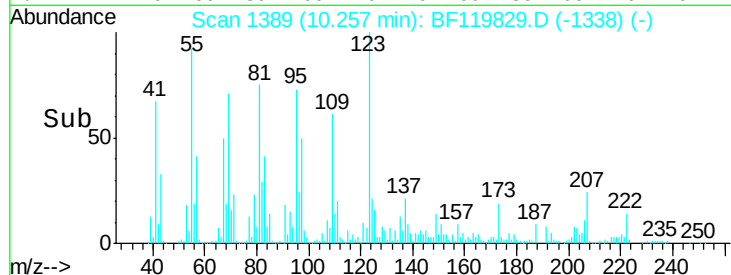
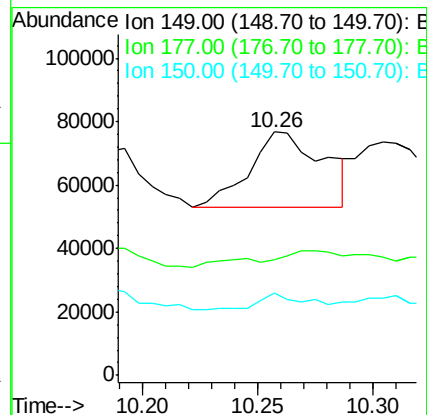
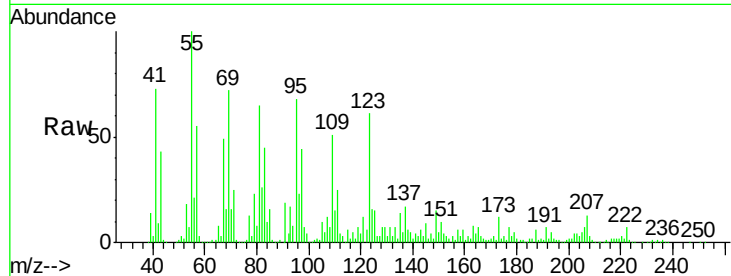
Tgt Ion:149 Resp: 53794

Ion Ratio Lower Upper

149 100

177 47.4 17.0 25.6#

150 34.0 10.1 15.1#



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.04 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

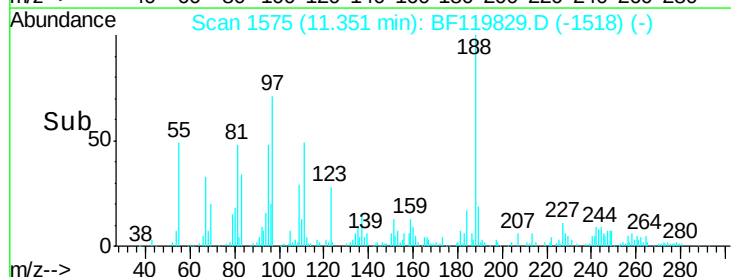
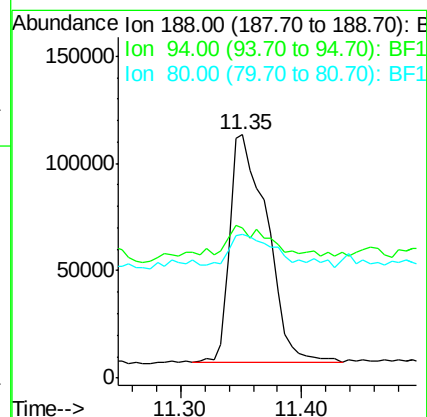
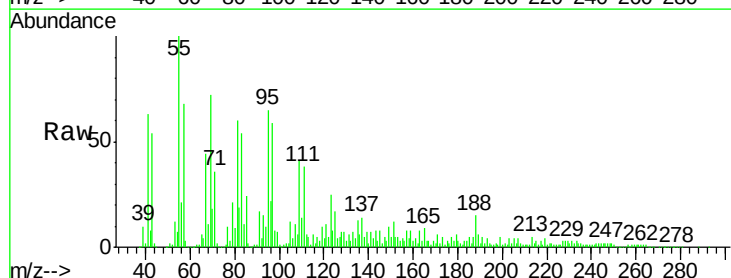
Tgt Ion:188 Resp: 229317

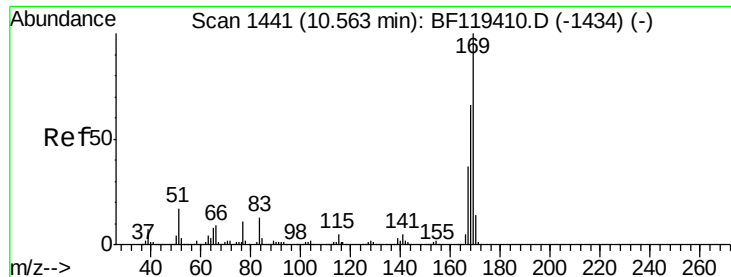
Ion Ratio Lower Upper

188 100

94 61.8 7.5 11.3#

80 59.2 9.0 13.4#

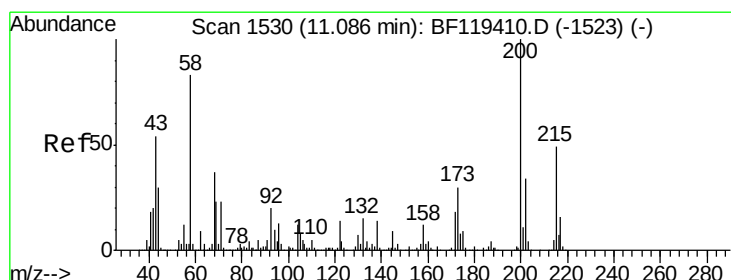
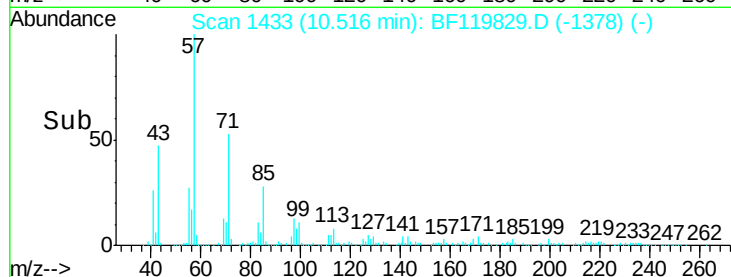
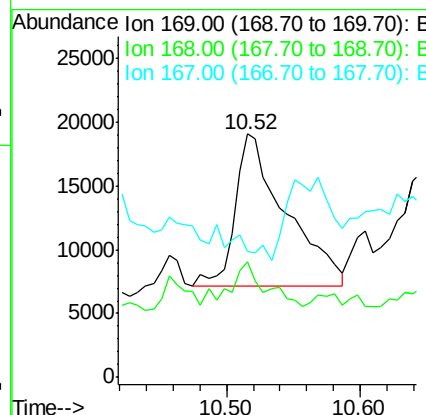
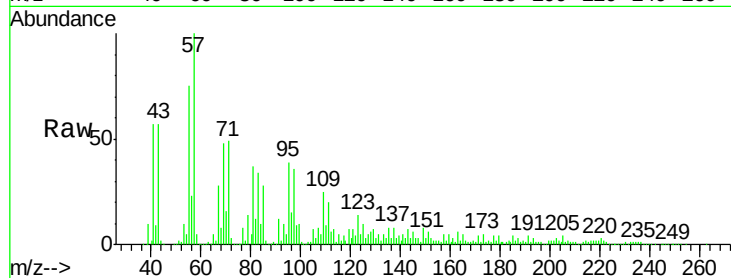




#66
 n-Nitrosodiphenylamine
 Concen: 4.17 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.02 min
 Lab File: BF119829.D
 Acq: 7 Apr 2020 18:25

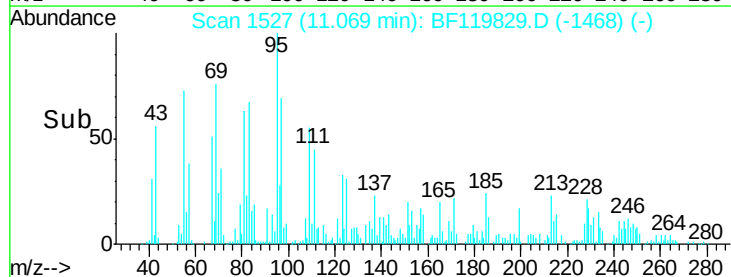
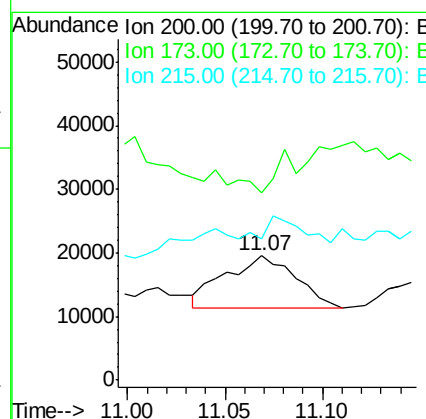
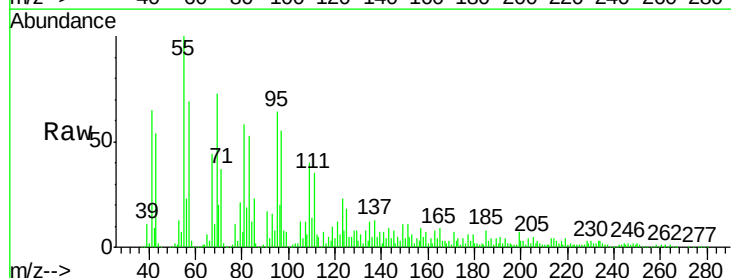
Instrument :
 BNA_F
 ClientSampleId :
 T-2

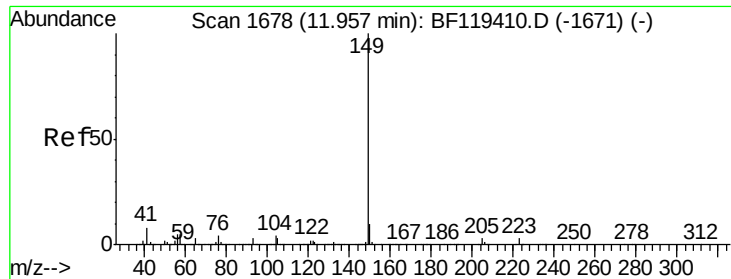
Tgt Ion:169 Resp: 31407
 Ion Ratio Lower Upper
 169 100
 168 47.5 53.2 79.8#
 167 51.8 29.1 43.7#



#69
 Atrazine
 Concen: 10.11 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.05 min
 Lab File: BF119829.D
 Acq: 7 Apr 2020 18:25

Tgt Ion:200 Resp: 20871
 Ion Ratio Lower Upper
 200 100
 173 151.1 9.3 49.3#
 215 113.6 29.5 69.5#





#74

Di-n-butylphthalate

Concen: 3.22 ng

RT: 11.92 min Scan# 1672

Delta R.T. 0.04 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

T-2

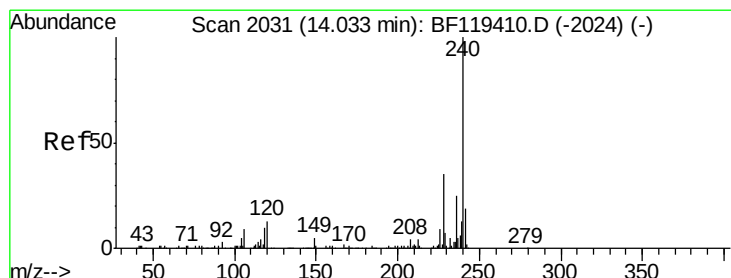
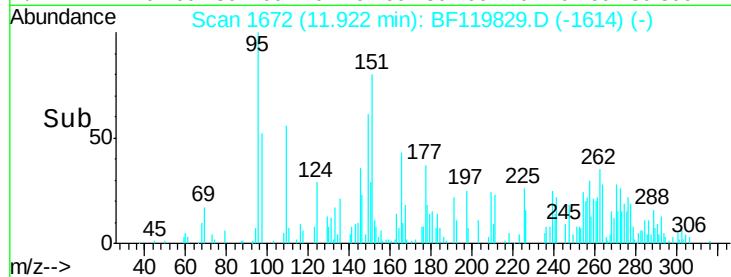
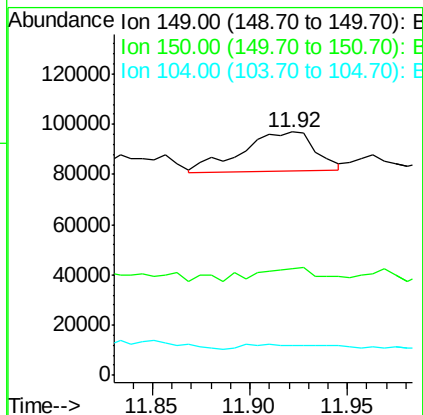
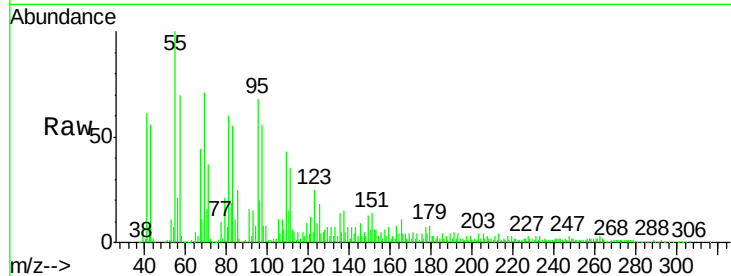
Tgt Ion:149 Resp: 41261

Ion Ratio Lower Upper

149 100

150 44.0 7.8 11.8#

104 12.2 3.6 5.4#



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.03 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

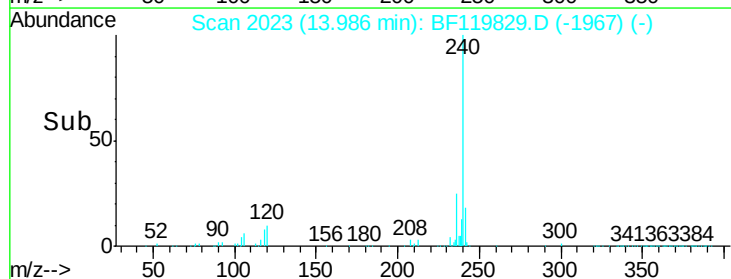
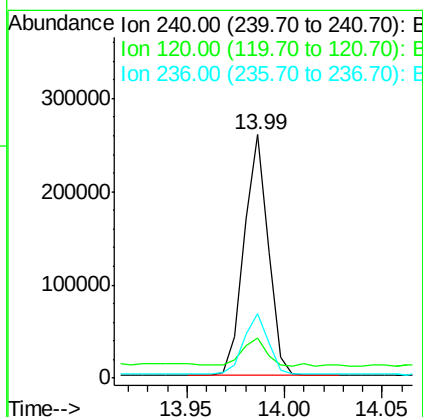
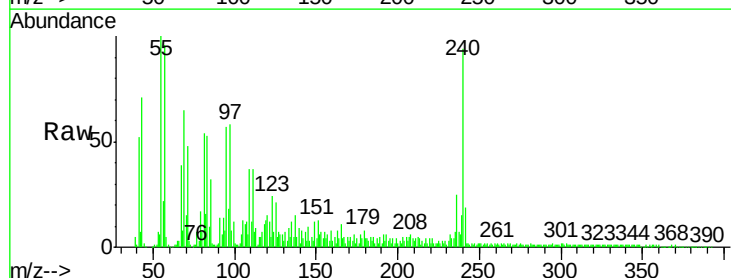
Tgt Ion:240 Resp: 220904

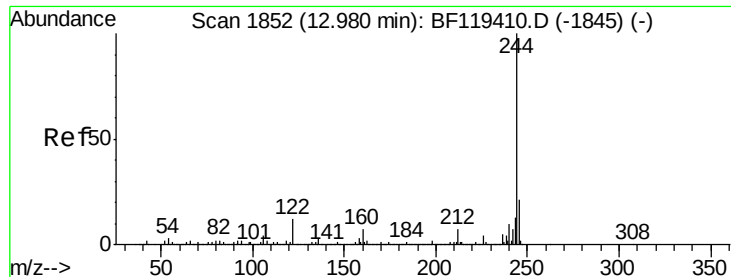
Ion Ratio Lower Upper

240 100

120 16.4 10.6 15.8#

236 26.6 20.2 30.2





#79

Terphenyl-d14

Concen: 79.11 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.04 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

T-2

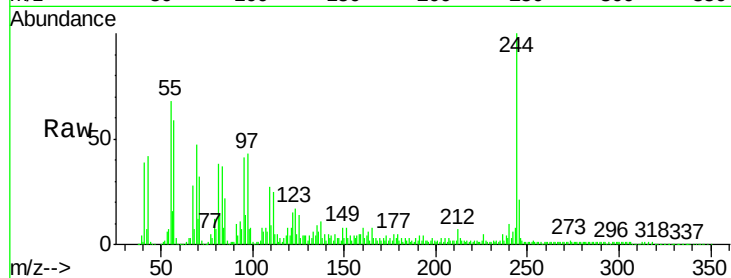
Tgt Ion:244 Resp: 891995

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

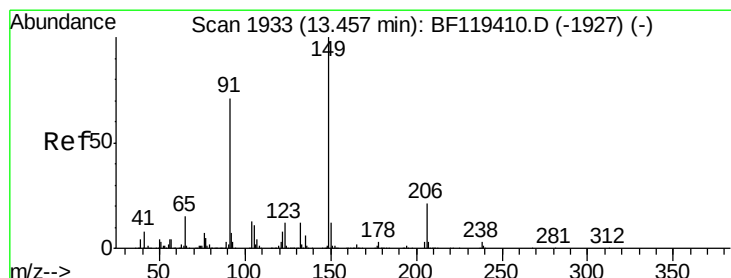
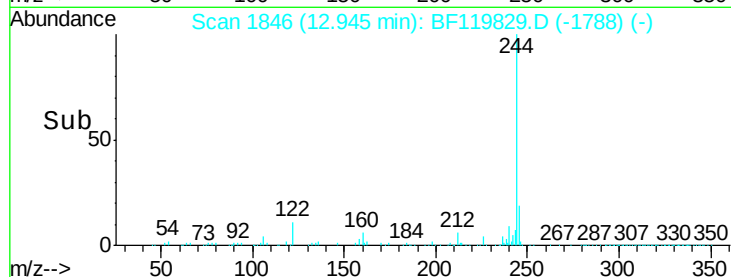
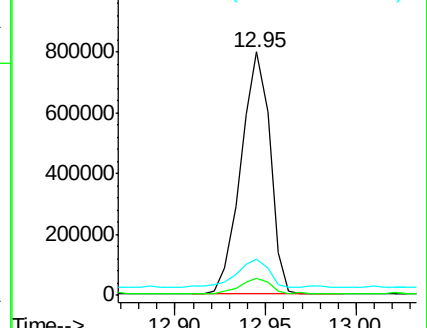
122 15.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.25 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.02 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

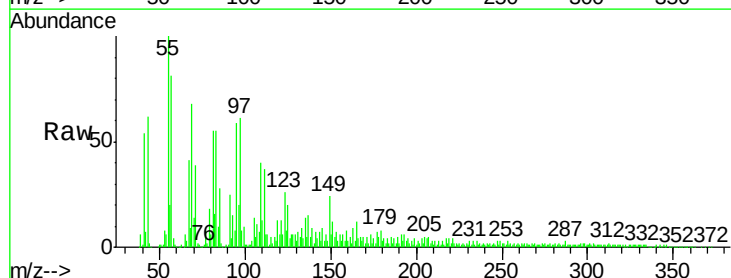
Tgt Ion:149 Resp: 60474

Ion Ratio Lower Upper

149 100

91 102.2 54.7 82.1#

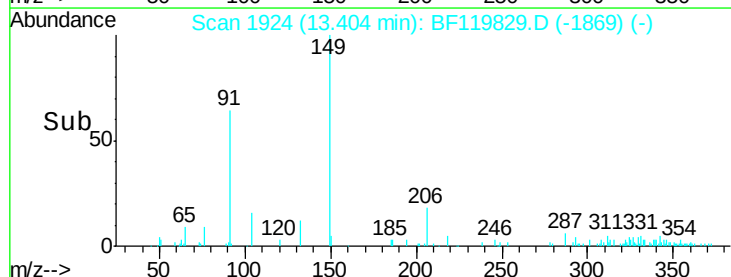
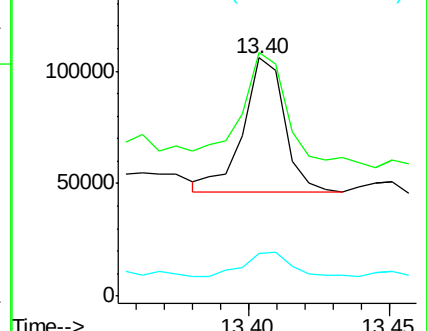
206 17.9 16.2 24.2

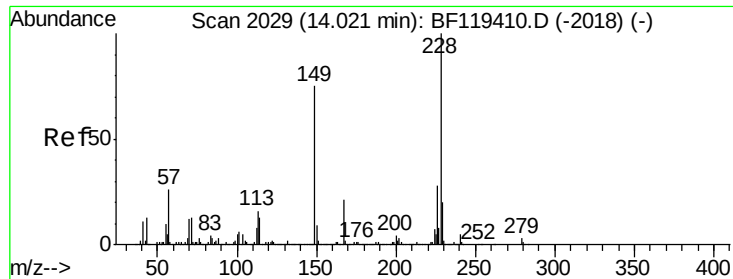


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.03 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.02 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

Instrument :

BNA_F

ClientSampleId :

T-2

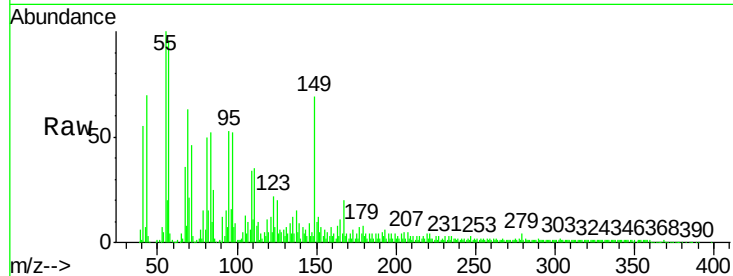
Tgt Ion:149 Resp: 148839

Ion Ratio Lower Upper

149 100

167 29.0 21.3 31.9

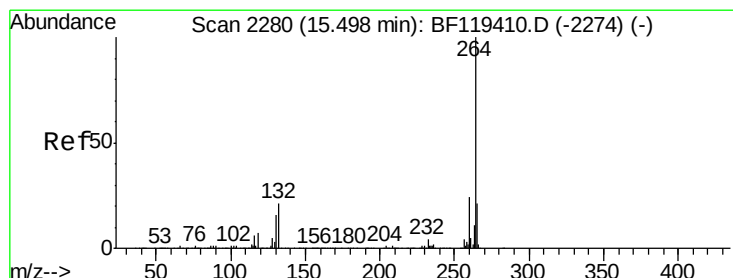
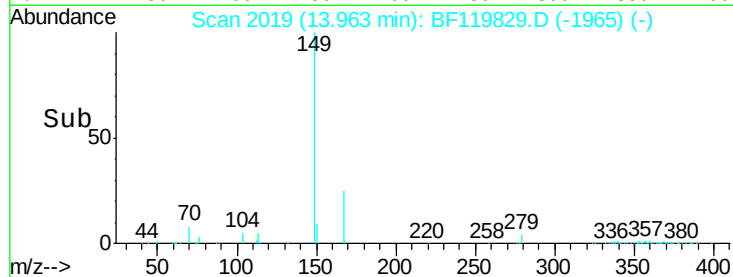
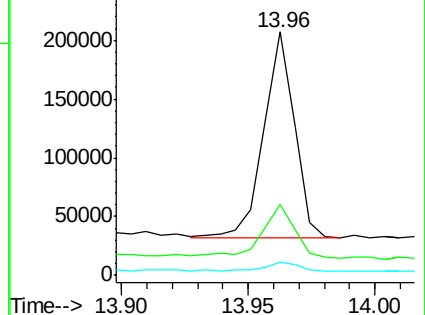
279 5.2 2.7 4.1#



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



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.03 min

Lab File: BF119829.D

Acq: 7 Apr 2020 18:25

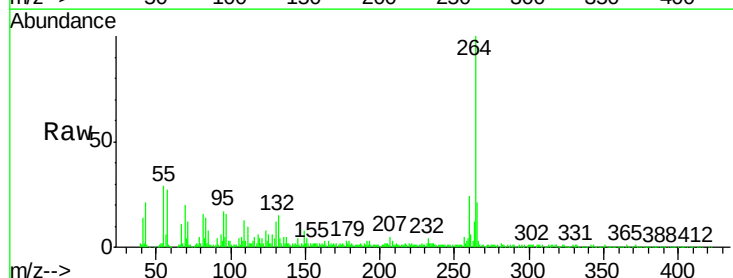
Tgt Ion:264 Resp: 187523

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.2 17.7 26.5



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

