

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119269.D
 Acq On : 7 Mar 2020 00:35
 Operator : CG/JU
 Sample : L1723-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-(1.5-2)

Quant Time: Mar 07 04:56:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

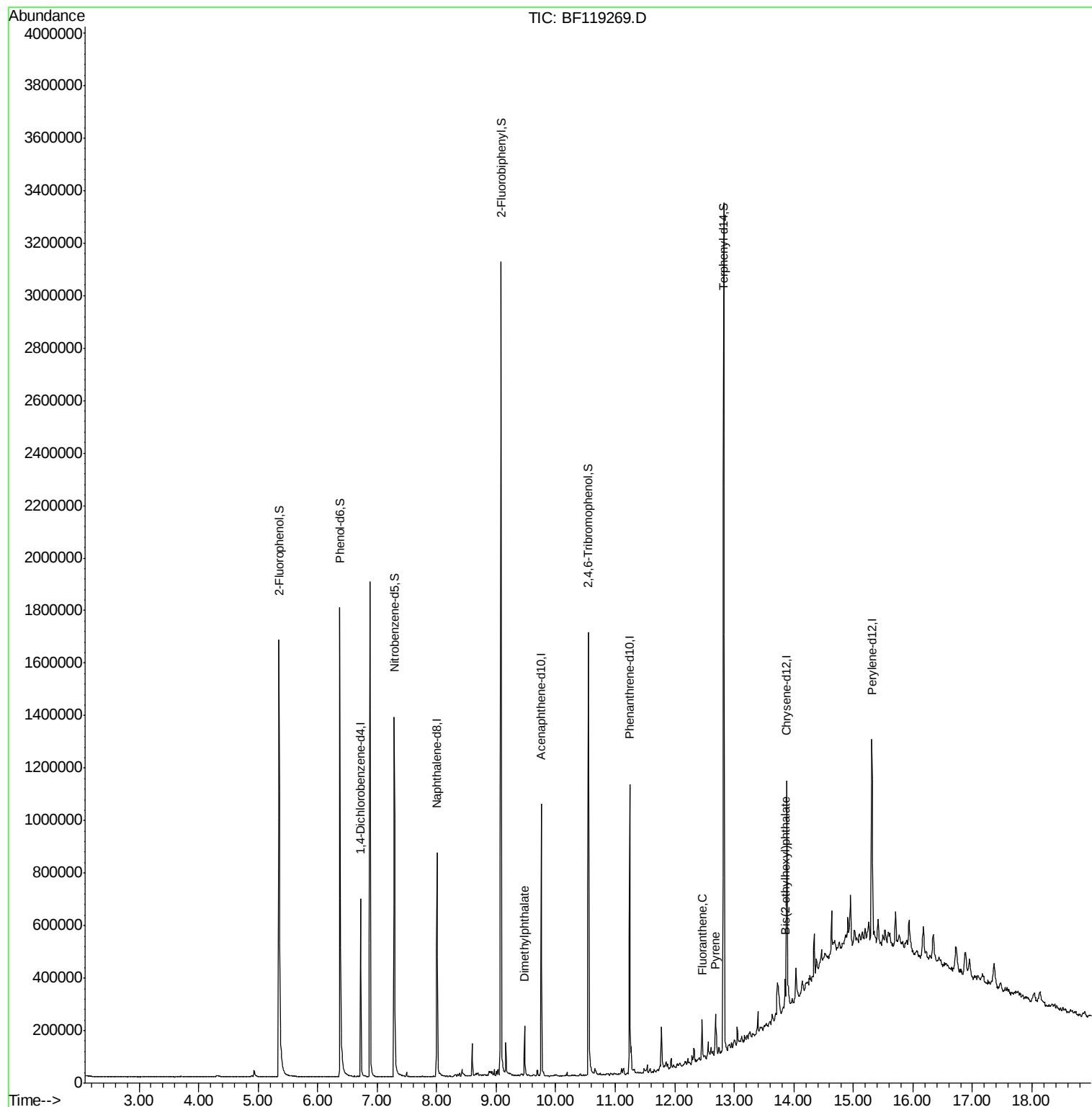
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	101513	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	395031	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	216595	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	384763	20.00	ng	0.00
76) Chrysene-d12	13.88	240	279450	20.00	ng	0.00
87) Perylene-d12	15.31	264	309798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	592342	97.52	ng	0.00
7) Phenol-d6	6.37	99	737689	99.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	480555	64.23	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	243095	85.80	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	969074	65.91	ng	0.00
79) Terphenyl-d14	12.82	244	1088376	67.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	76299	4.607	ng	99
75) Fluoranthene	12.46	202	62098	2.788	ng	98
78) Pyrene	12.69	202	57463	2.561	ng	96
84) Bis(2-ethylhexyl)phthalate	13.85	149	34546	2.895	ng	98

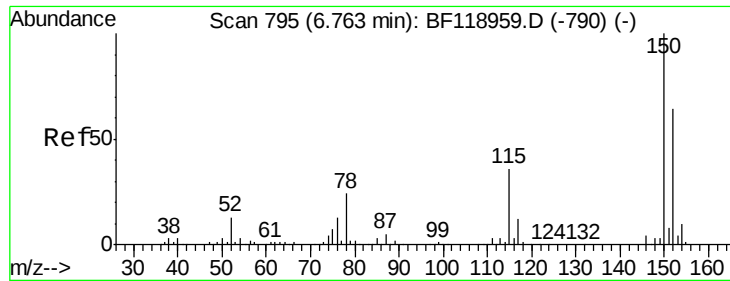
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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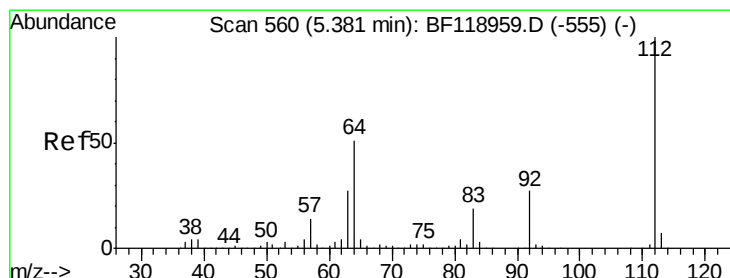
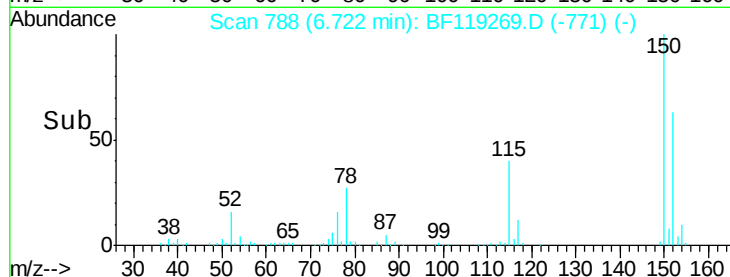
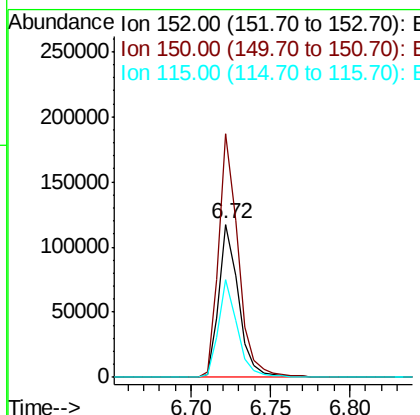
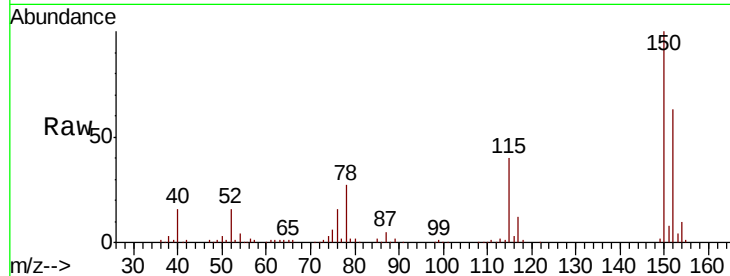




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119269.D
 Acq: 7 Mar 2020 00:35

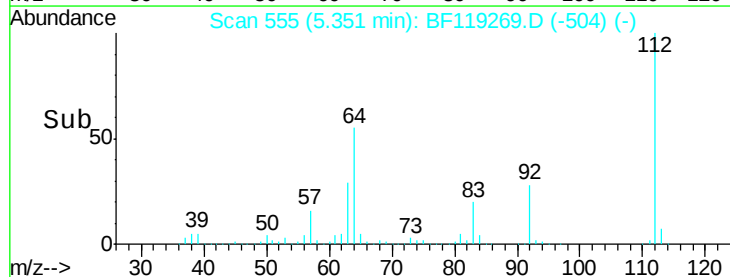
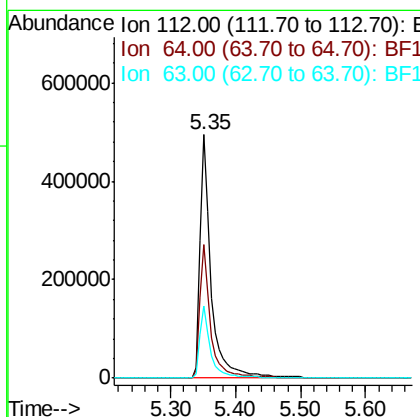
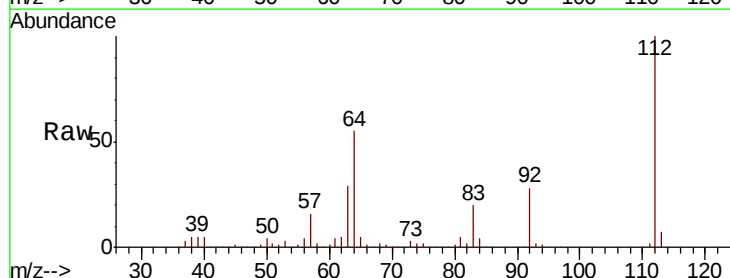
Instrument :
 BNA_F
 ClientSampleId :
 B2-(1.5-2)

Tot Ion:152 Resp: 101513
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.0 184.6
 115 63.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 97.515 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF119269.D
 Acq: 7 Mar 2020 00:35

Tgt Ion:112 Resp: 592342
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.0 67.4
 63 29.5 24.2 36.4





#7

Phenol-d6

Concen: 99.856 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Instrument :

BNA_F

ClientSampleId :

B2-(1.5-2)

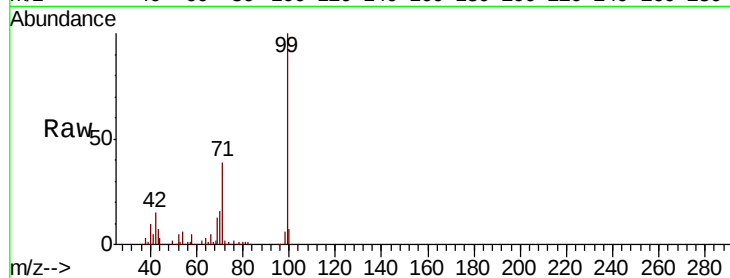
Tot Ion: 99 Resp: 737689

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

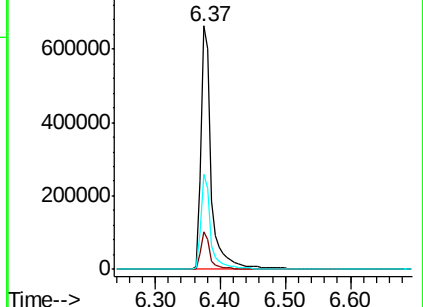
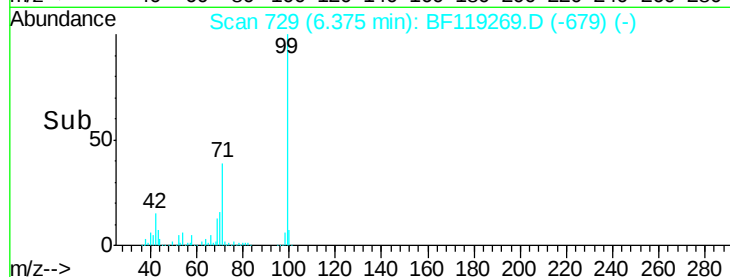
71 39.0 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Tgt Ion: 136 Resp: 395031

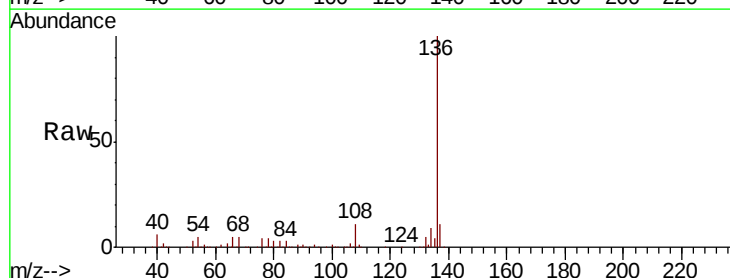
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.9 3.8 5.6

68 4.9 3.9 5.9

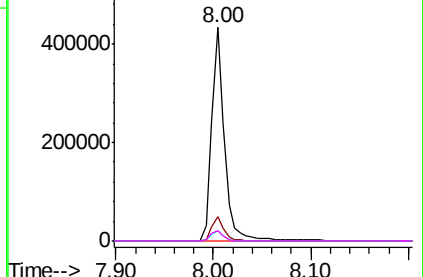
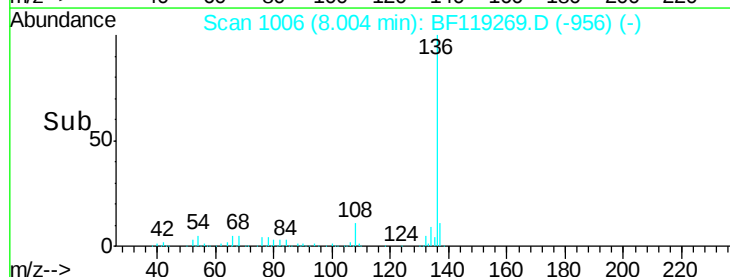


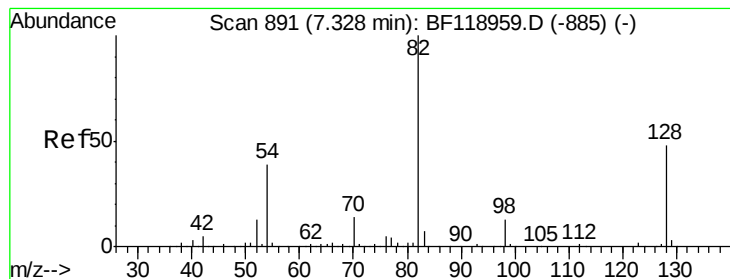
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 64.231 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Instrument :

BNA_F

ClientSampleId :

B2-(1.5-2)

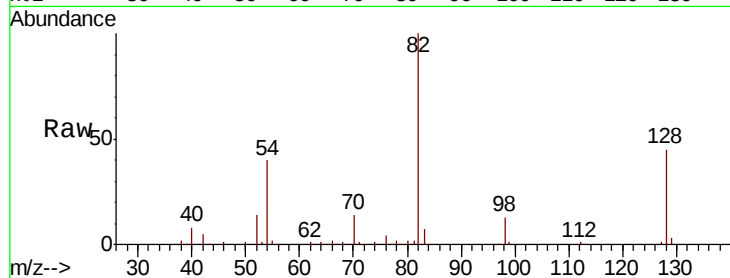
Tot Ion: 82 Resp: 480555

Ion Ratio Lower Upper

82 100

128 44.7 37.9 56.9

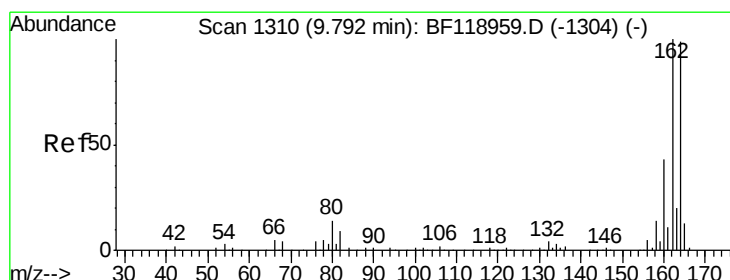
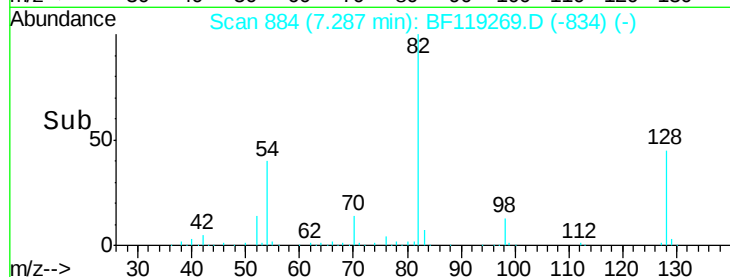
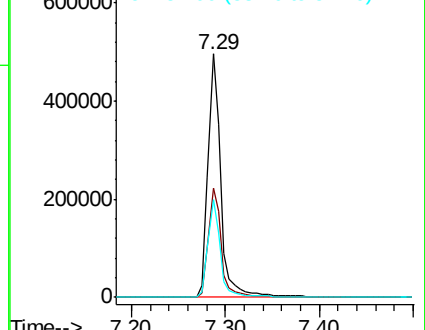
54 40.1 33.4 50.2



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

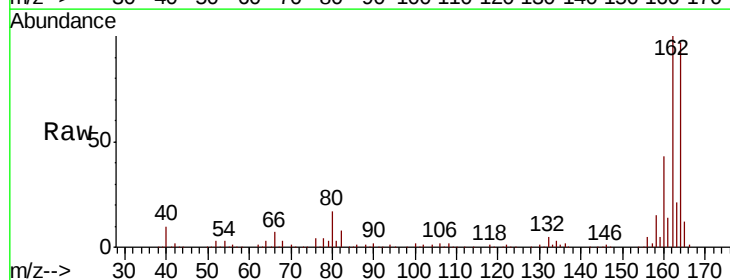
Tgt Ion:164 Resp: 216595

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.8

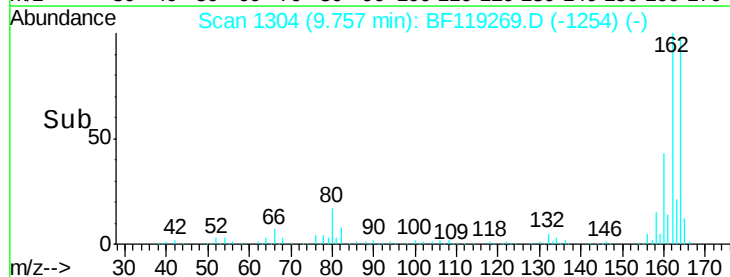
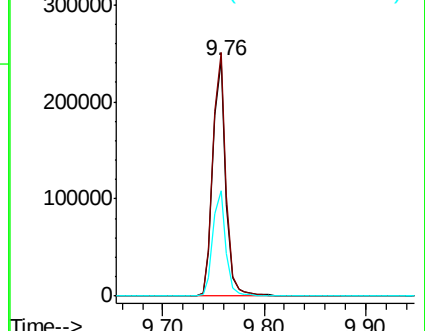
160 44.5 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

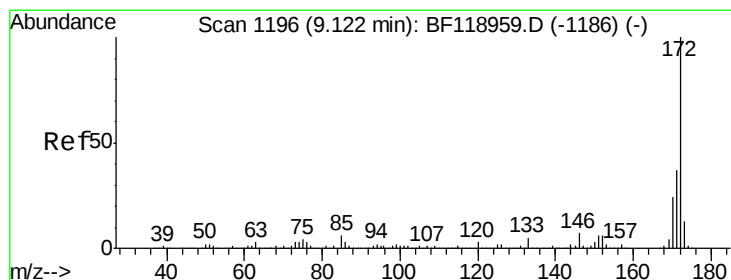
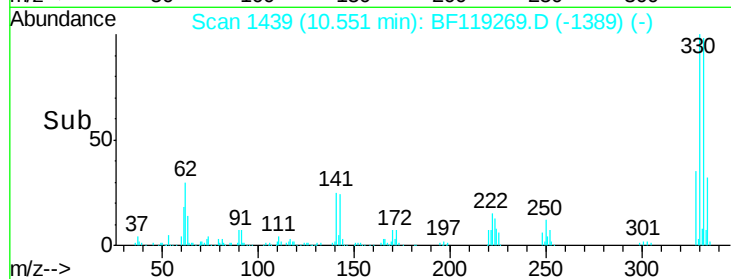
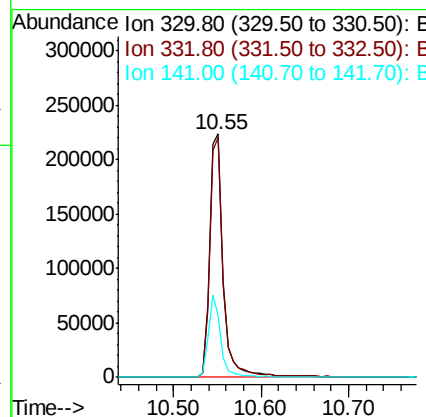
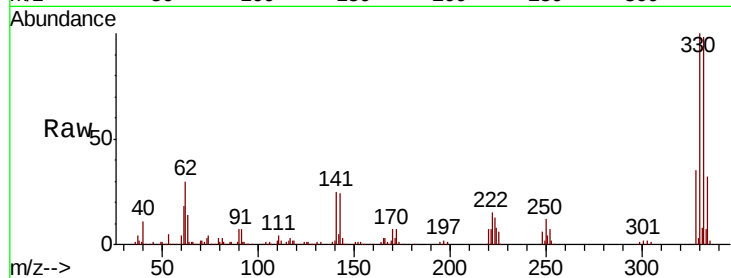




#42
 2,4,6-Tribromophenol
 Concen: 85.795 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119269.D
 Acq: 7 Mar 2020 00:35

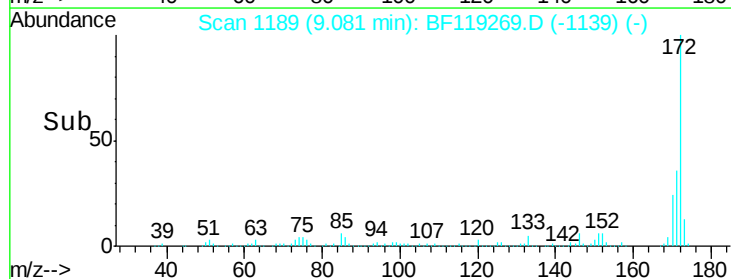
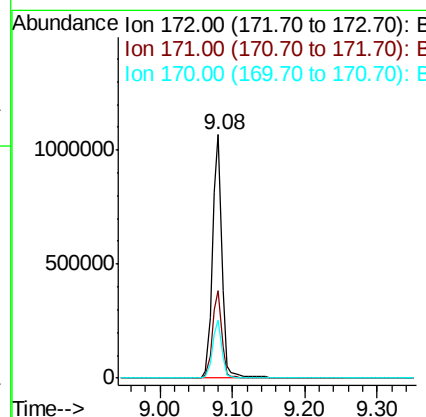
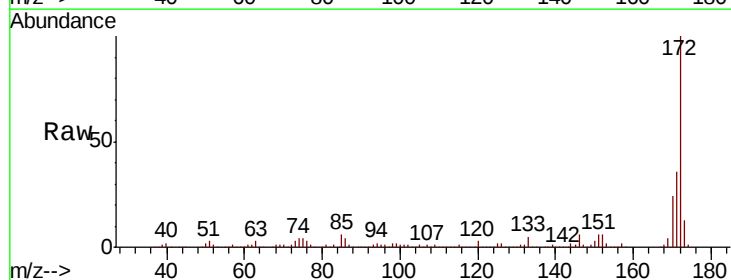
Instrument :
 BNA_F
 ClientSampled :
 B2-(1.5-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	31.0	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 65.912 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119269.D
 Acq: 7 Mar 2020 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	23.7	20.2	30.2





#50

Dimethylphthalate

Concen: 4.607 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Instrument :

BNA_F

ClientSampled :

B2-(1.5-2)

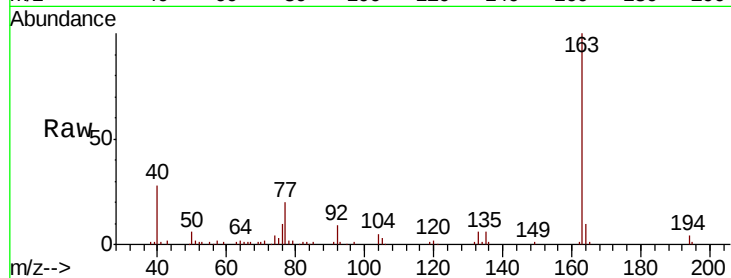
Tot Ion:163 Resp: 76299

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

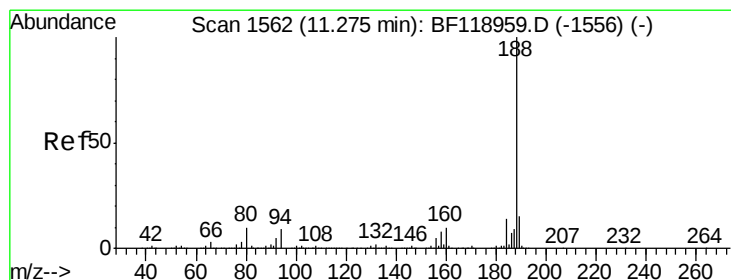
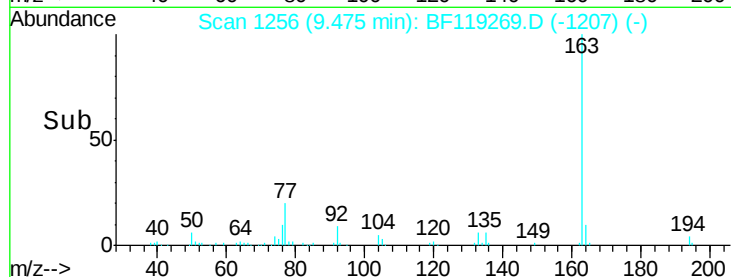
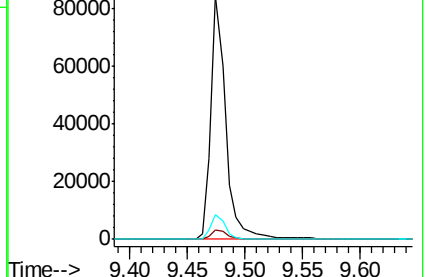
164 10.2 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

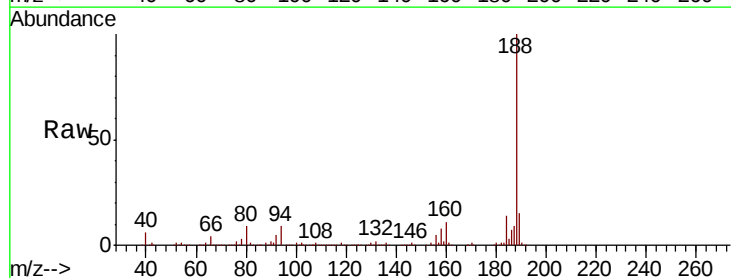
Tgt Ion:188 Resp: 384763

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

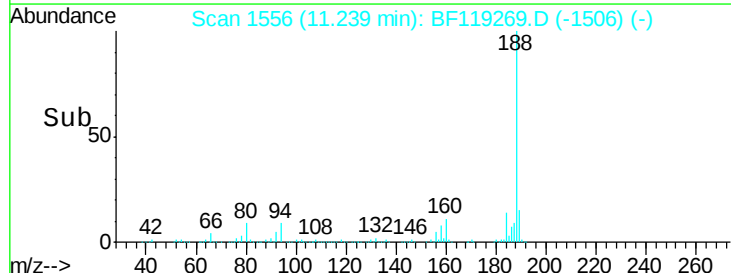
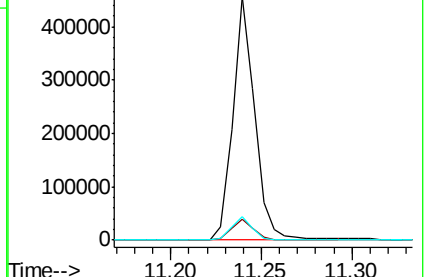
80 9.4 7.8 11.8

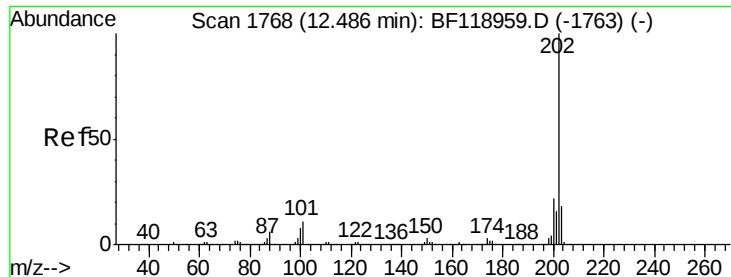


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.788 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Instrument :

BNA_F

ClientSampleId :

B2-(1.5-2)

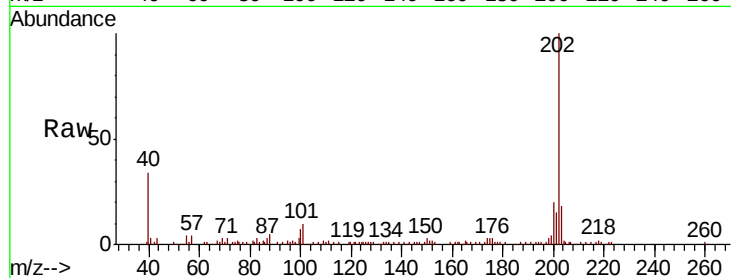
Tot Ion:202 Resp: 62098

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

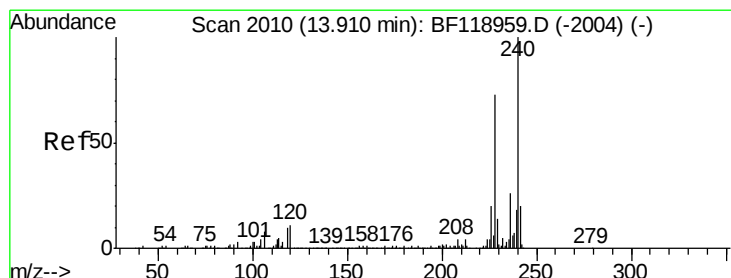
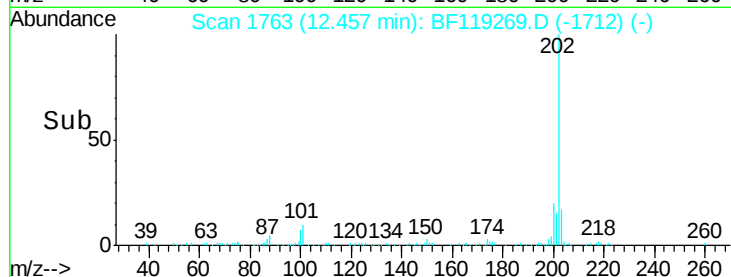
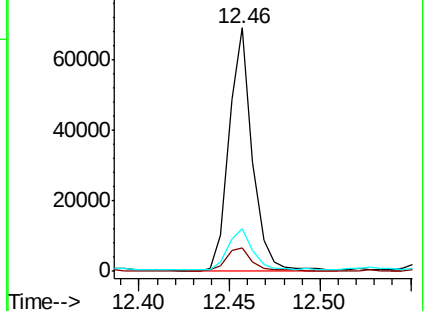
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

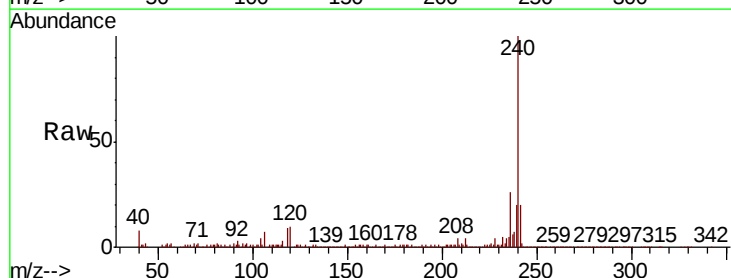
Tgt Ion:240 Resp: 279450

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

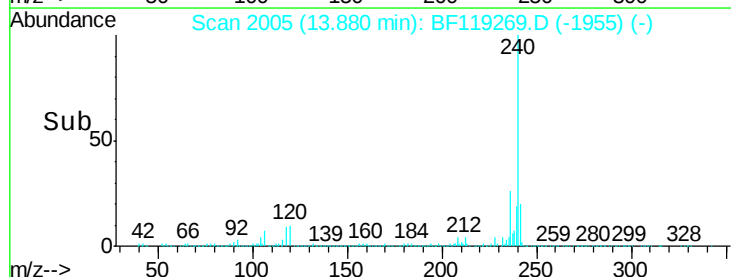
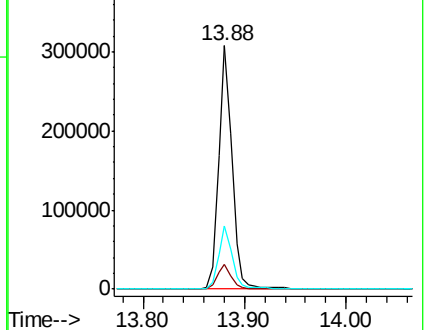
236 26.0 21.0 31.4

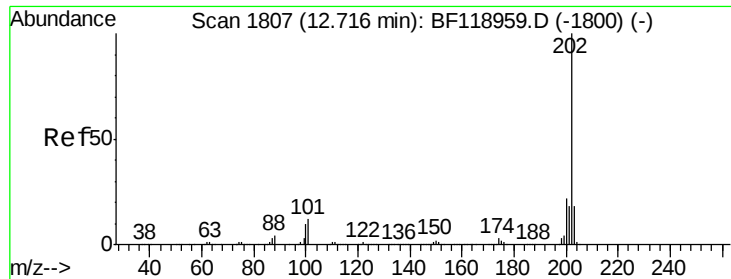


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.561 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Instrument :

BNA_F

ClientSampleId :

B2-(1.5-2)

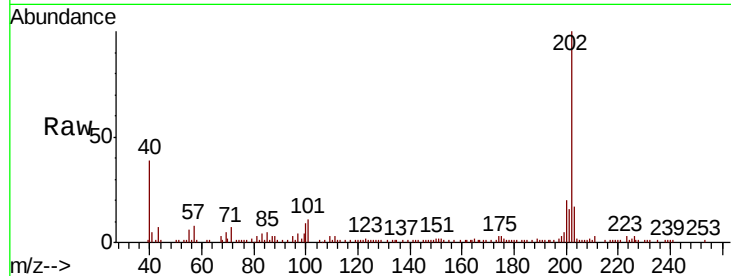
Tot Ion:202 Resp: 57463

Ion Ratio Lower Upper

202 100

200 19.7 18.0 27.0

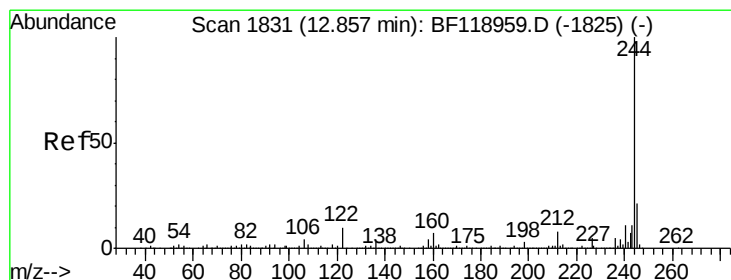
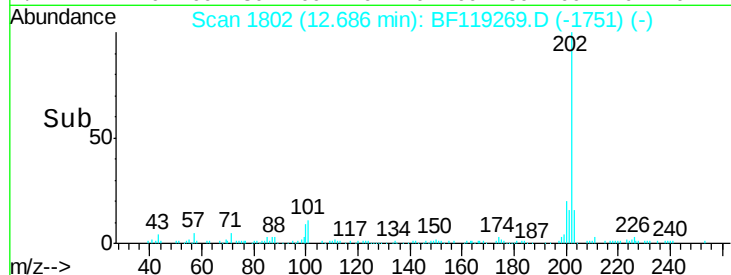
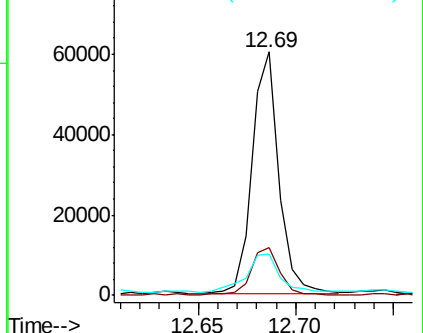
203 17.1 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 67.054 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

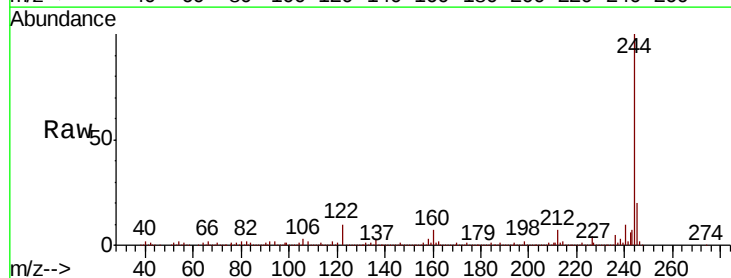
Tgt Ion:244 Resp: 1088376

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

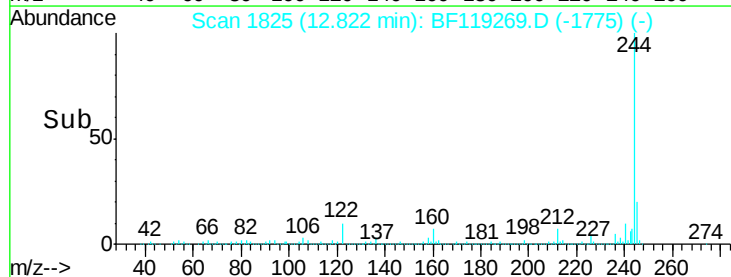
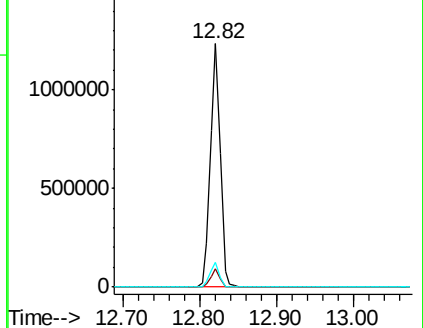
122 10.1 8.2 12.2

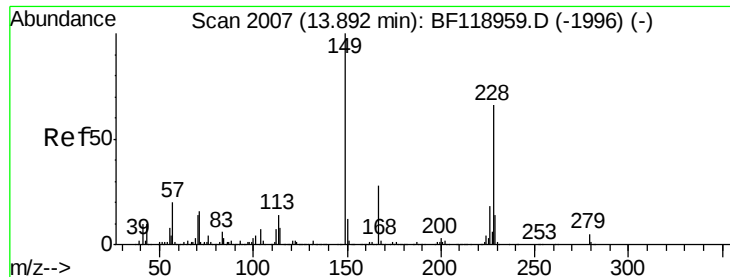


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.895 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Instrument :

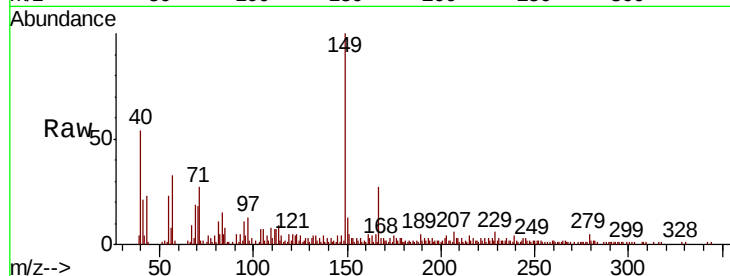
BNA_F

ClientSampleId :

B2-(1.5-2)

Tot Ion:149 Resp: 34546

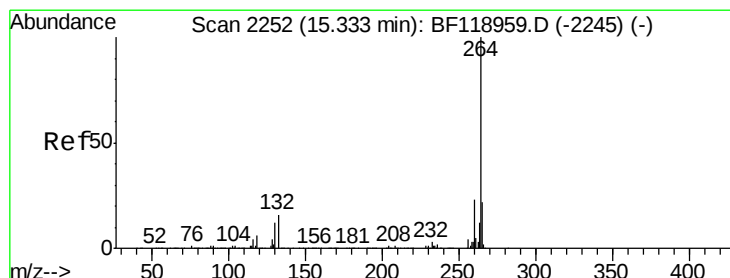
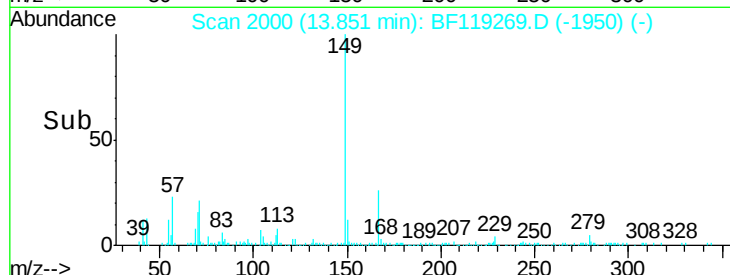
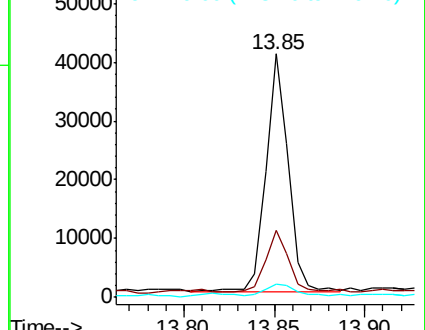
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.8	34.2
279	5.4	4.6	6.8



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: 20.000 ng

RT: 15.31 min Scan# 2248

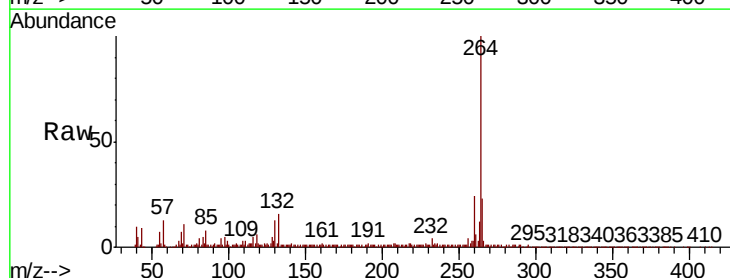
Delta R.T. 0.00 min

Lab File: BF119269.D

Acq: 7 Mar 2020 00:35

Tgt Ion:264 Resp: 309798

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.6	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

