

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114994.D
 Acq On : 13 Jun 2019 11:11
 Operator : HP/JU
 Sample : K3283-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200030-200034

Quant Time: Jun 13 18:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

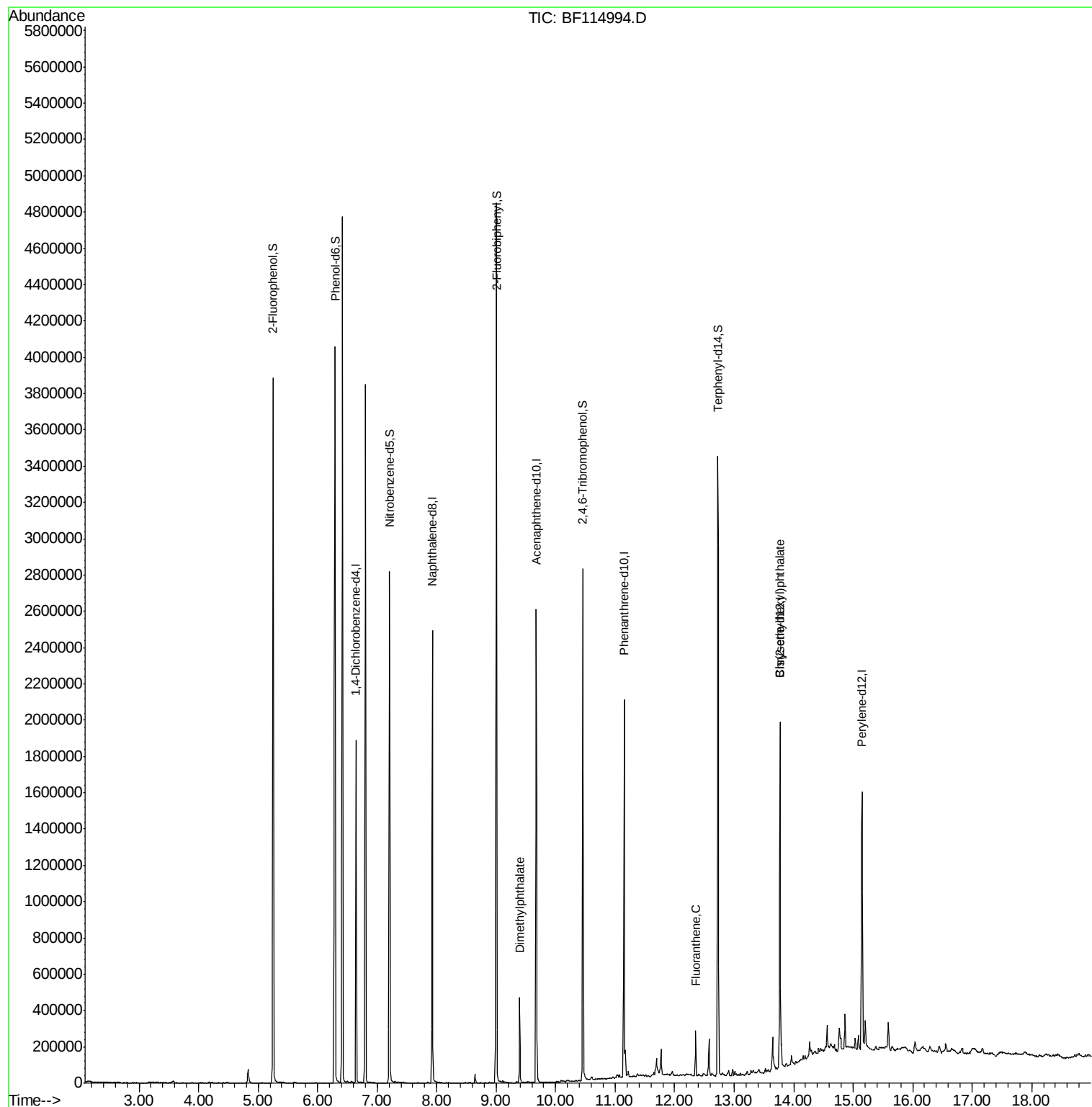
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	284171	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1072117	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	486133	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	781301	20.00	ng	0.00
76) Chrysene-d12	13.77	240	523362	20.00	ng	-0.01
87) Perylene-d12	15.15	264	608665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1250466	73.48	ng	0.00
7) Phenol-d6	6.29	99	1563895	76.18	ng	0.00
23) Nitrobenzene-d5	7.21	82	913942	51.31	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	344488	66.17	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1503765	52.43	ng	0.00
79) Terphenyl-d14	12.73	244	1165191	41.87	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.40	163	187281	5.123	ng	98
75) Fluoranthene	12.35	202	95079	2.305	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	58251	2.213	ng	100

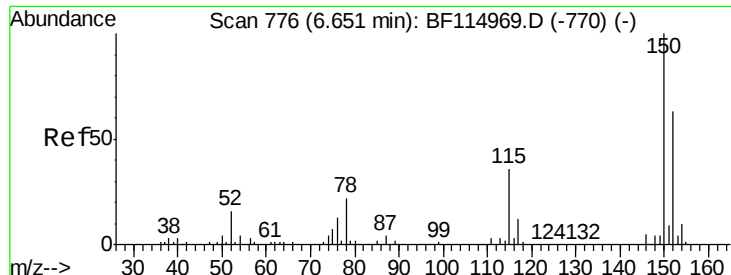
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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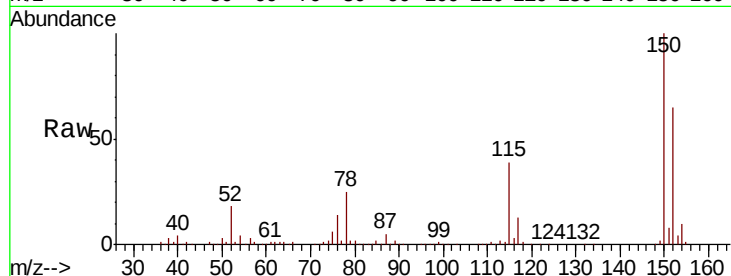


#1

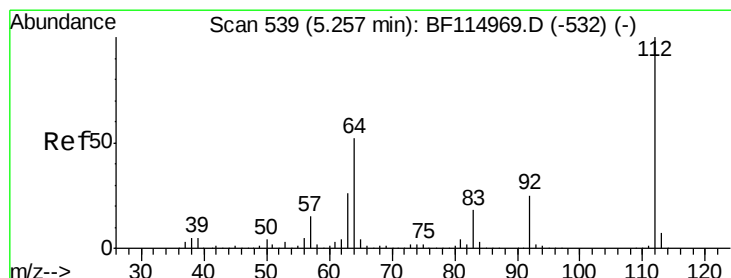
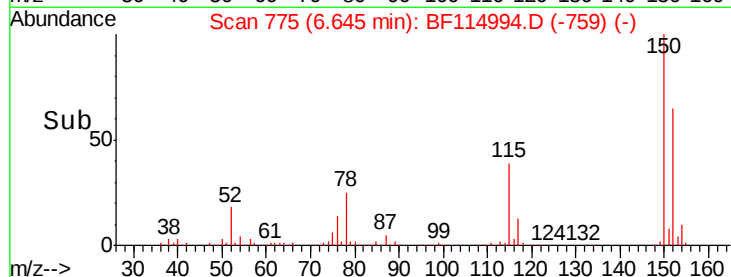
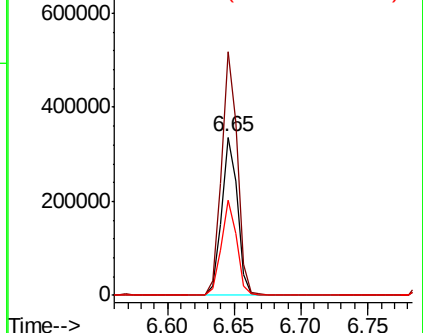
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114994.D
Acq: 13 Jun 2019 11:11

Instrument :
BNA_F
ClientSampleId :
200030-200034

Tot Ion:152 Resp: 284171
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.0
115 60.4 46.0 69.0



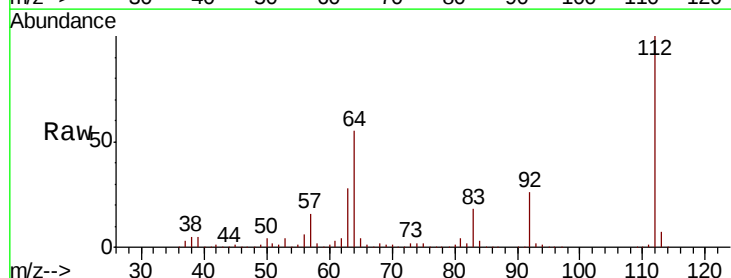
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



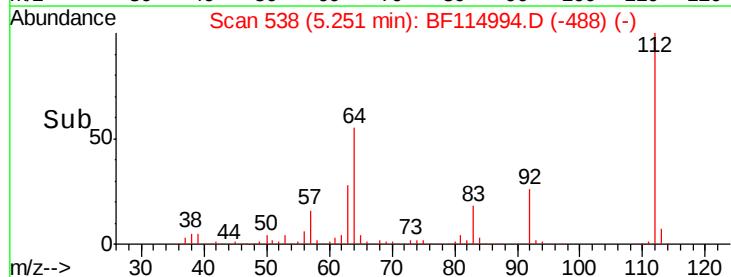
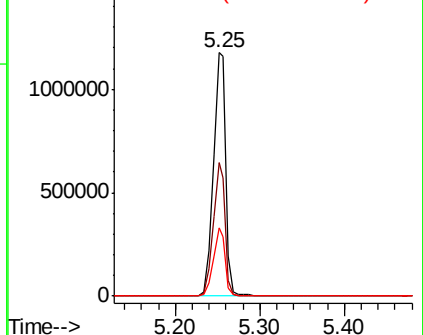
#5

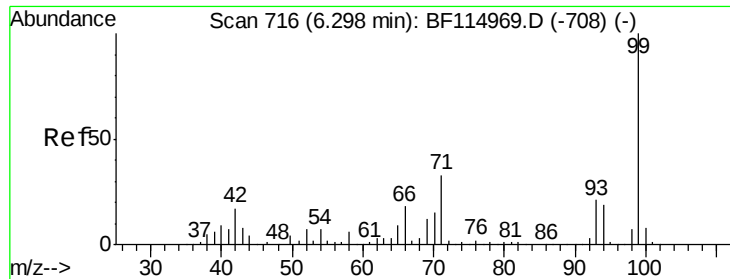
2-Fluorophenol
Concen: 73.477 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF114994.D
Acq: 13 Jun 2019 11:11

Tgt Ion:112 Resp: 1250466
Ion Ratio Lower Upper
112 100
64 54.9 41.6 62.4
63 27.9 20.9 31.3



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: 76.180 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

Instrument :

BNA_F

ClientSampleId :

200030-200034

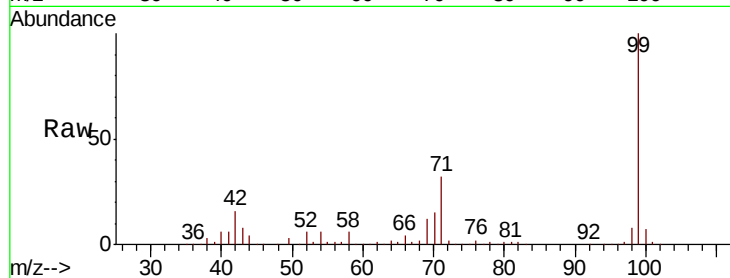
Tot Ion: 99 Resp: 1563895

Ion Ratio Lower Upper

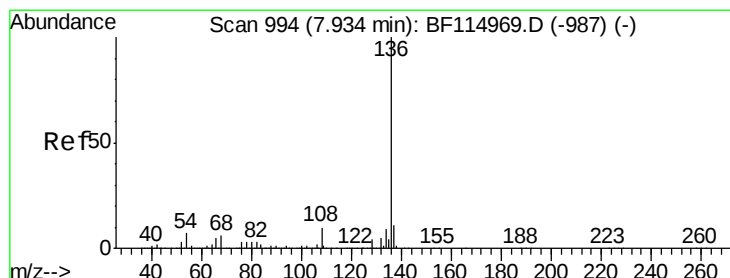
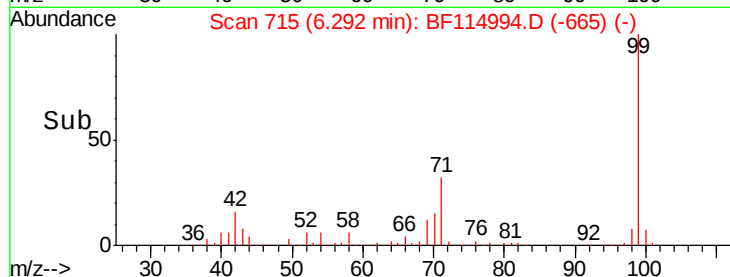
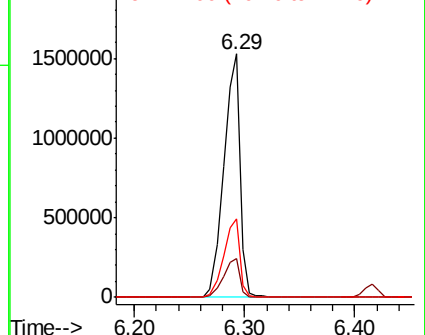
99 100

42 15.8 13.4 20.2

71 32.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

Tgt Ion: 136 Resp: 1072117

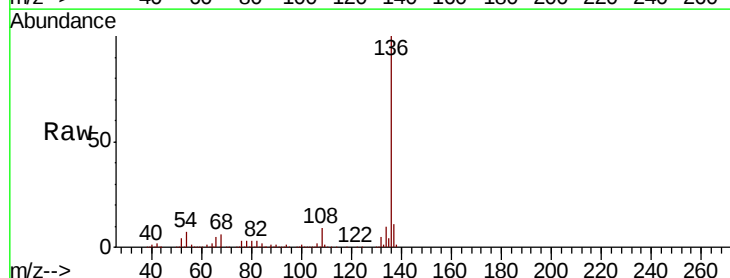
Ion Ratio Lower Upper

136 100

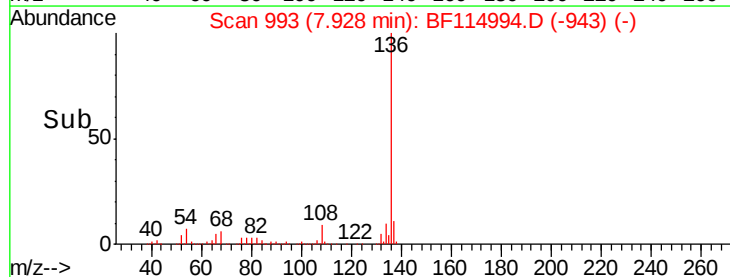
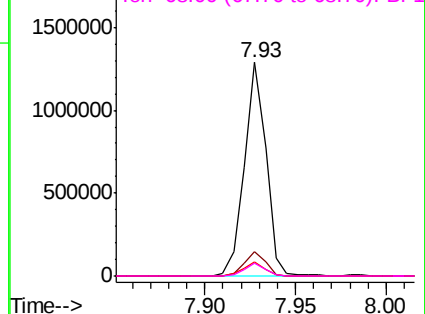
137 11.3 9.0 13.4

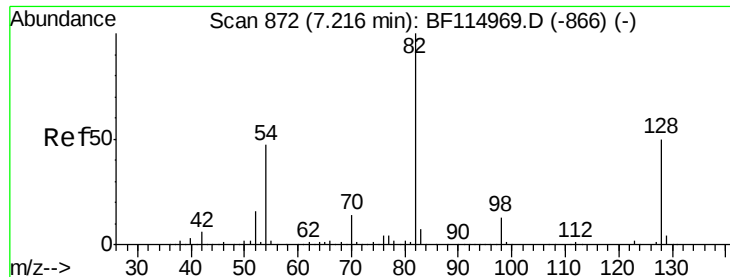
54 6.6 5.4 8.0

68 5.9 4.6 7.0



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

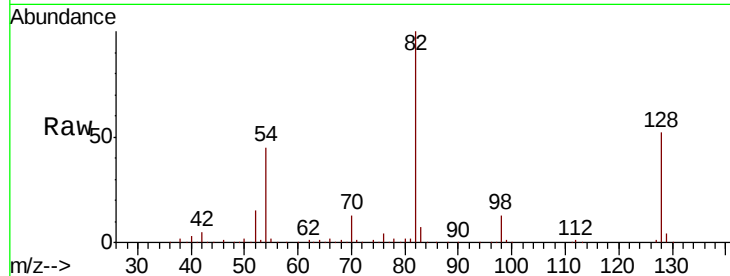




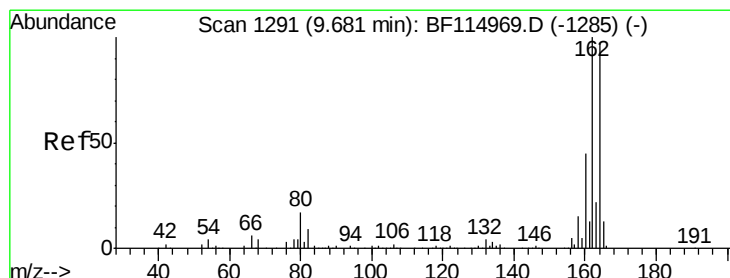
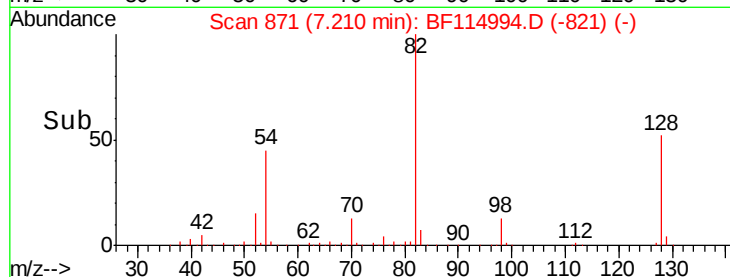
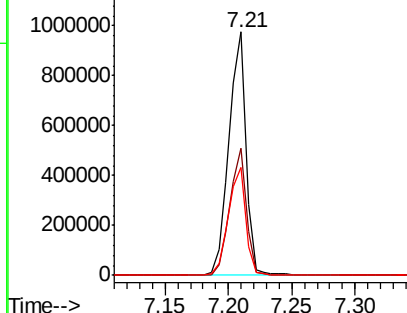
#23
Nitrobenzene-d5
Concen: 51.312 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF114994.D
Acq: 13 Jun 2019 11:11

Instrument :
BNA_F
ClientSampleId :
200030-200034

Tot Ion: 82 Resp: 913942
Ion Ratio Lower Upper
82 100
128 52.3 39.9 59.9
54 44.6 37.3 55.9

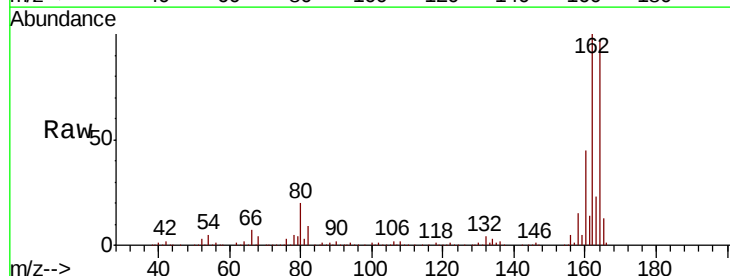


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

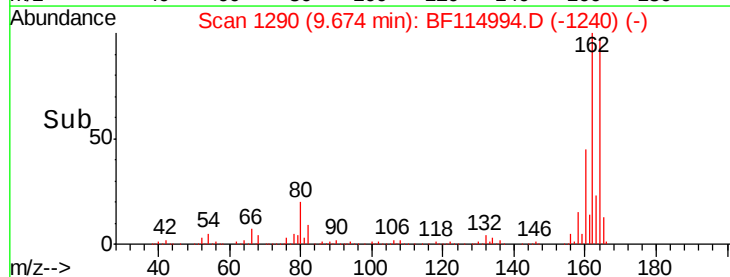
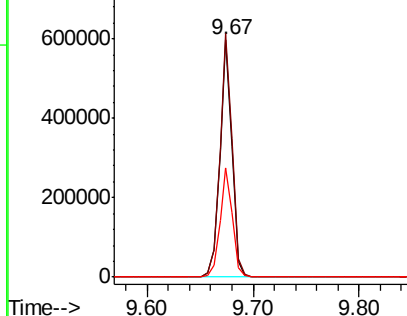


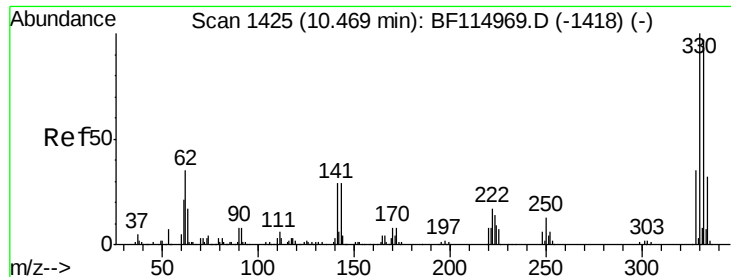
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114994.D
Acq: 13 Jun 2019 11:11

Tgt Ion:164 Resp: 486133
Ion Ratio Lower Upper
164 100
162 102.6 82.6 124.0
160 46.0 36.9 55.3



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





#42

2,4,6-Tribromophenol

Concen: 66.174 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

Instrument :

BNA_F

ClientSampleId :

200030-200034

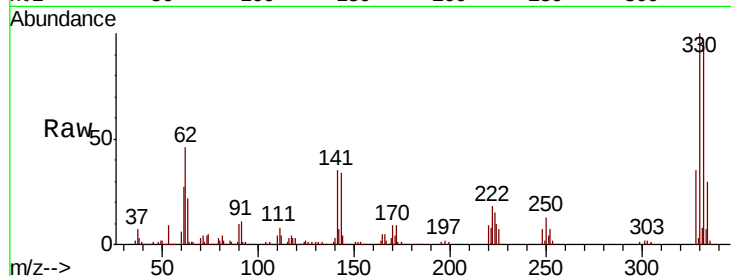
Tot Ion:330 Resp: 344488

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

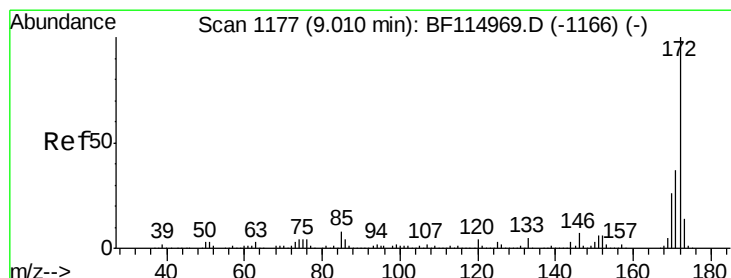
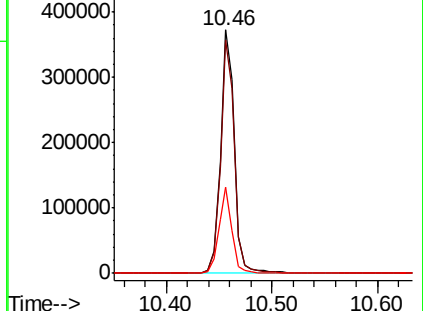
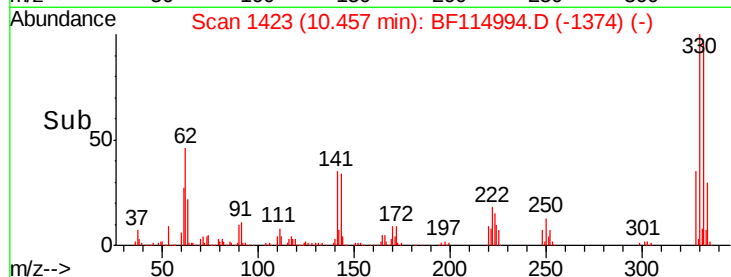
141 33.5 27.2 40.8



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: 52.427 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

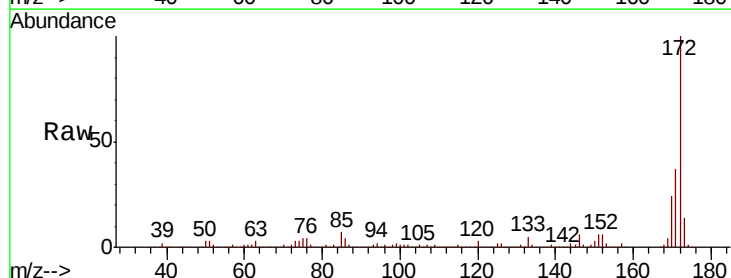
Tgt Ion:172 Resp: 1503765

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

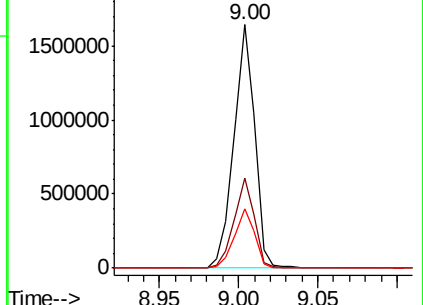
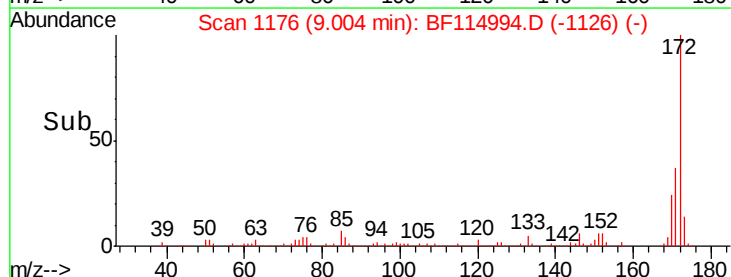
170 24.4 20.6 31.0

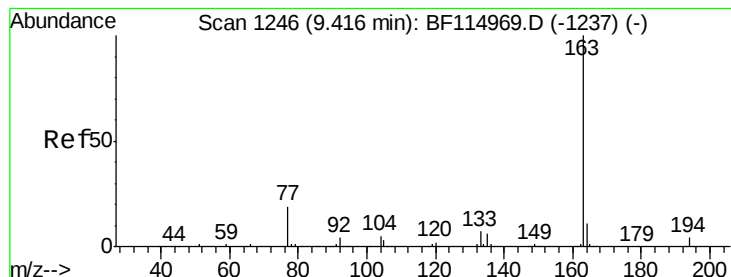


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.123 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

Instrument :

BNA_F

ClientSampleId :

200030-200034

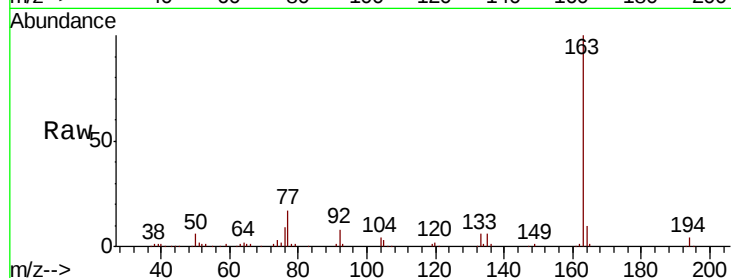
Tot Ion:163 Resp: 187281

Ion Ratio Lower Upper

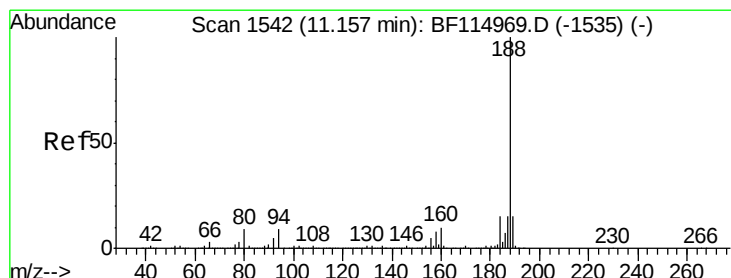
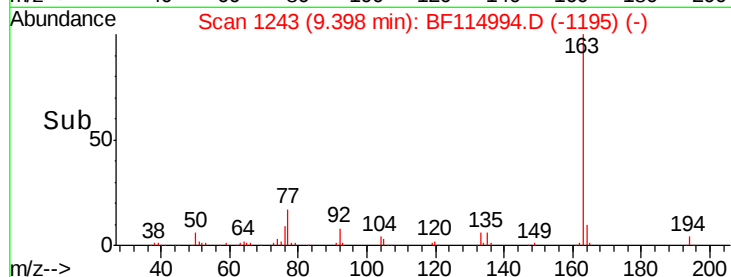
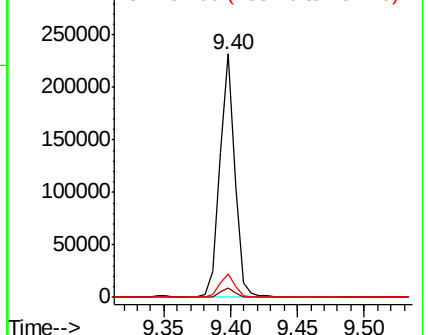
163 100

194 3.8 3.3 4.9

164 9.8 8.6 12.8



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: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

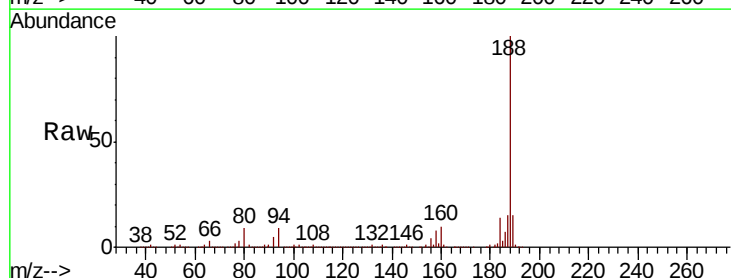
Tgt Ion:188 Resp: 781301

Ion Ratio Lower Upper

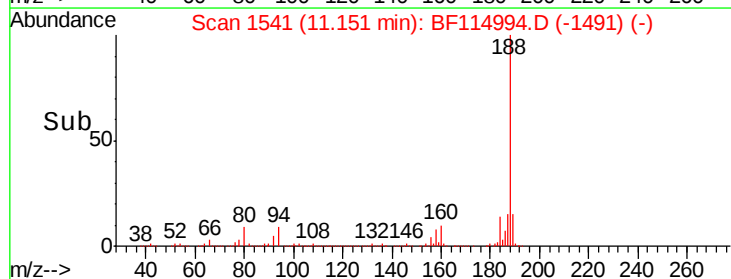
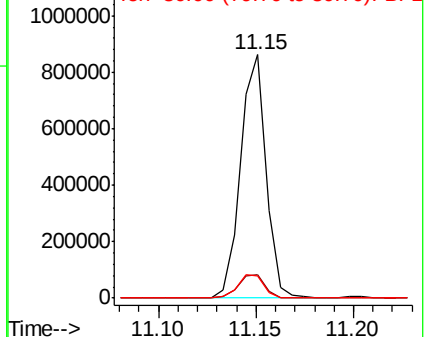
188 100

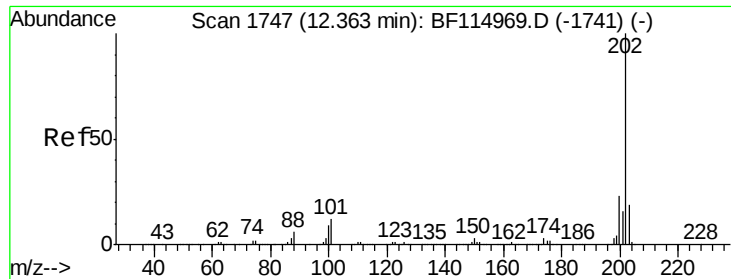
94 9.4 7.2 10.8

80 9.4 7.4 11.2



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: 2.305 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

Instrument :

BNA_F

ClientSampleId :

200030-200034

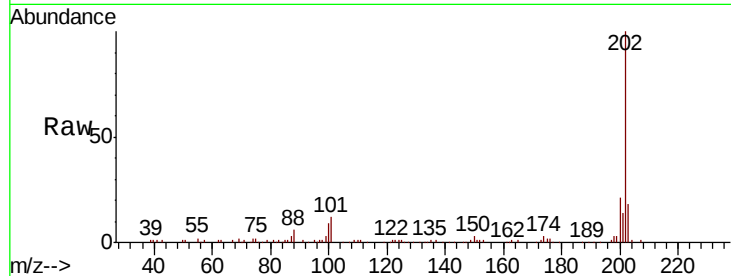
Tot Ion:202 Resp: 95079

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.4

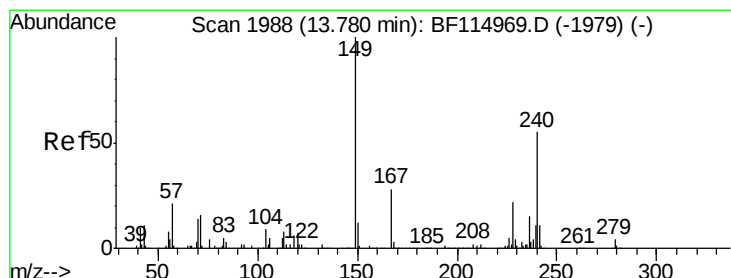
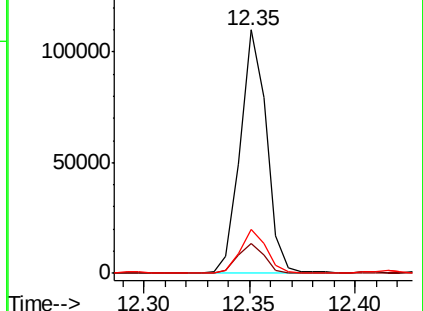
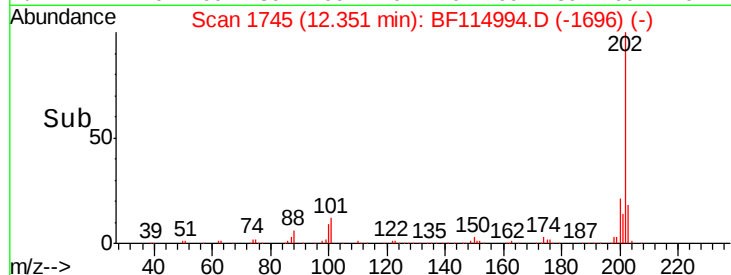
203 18.1 0.0 38.6



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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

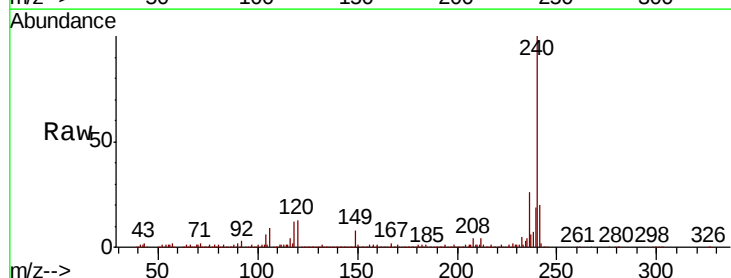
Tgt Ion:240 Resp: 523362

Ion Ratio Lower Upper

240 100

120 13.3 10.0 15.0

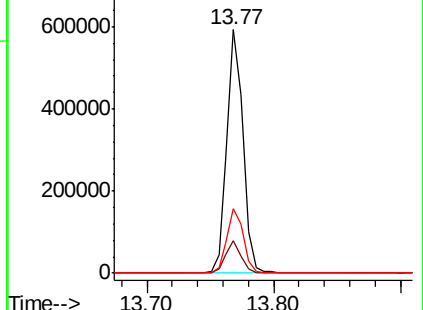
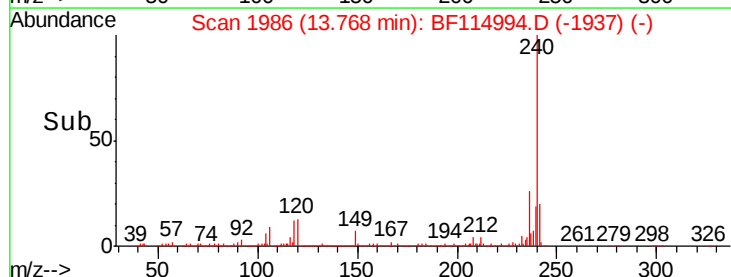
236 26.4 21.6 32.4

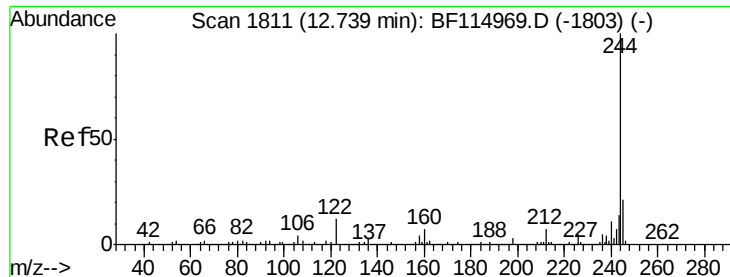


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 41.875 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

Instrument :

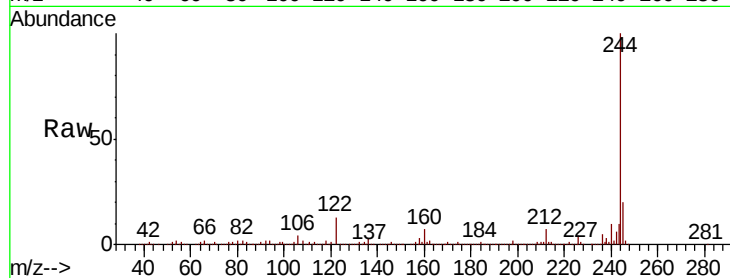
BNA_F

ClientSampleId :

200030-200034

Tot Ion:244 Resp: 1165191

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	9.4	14.0

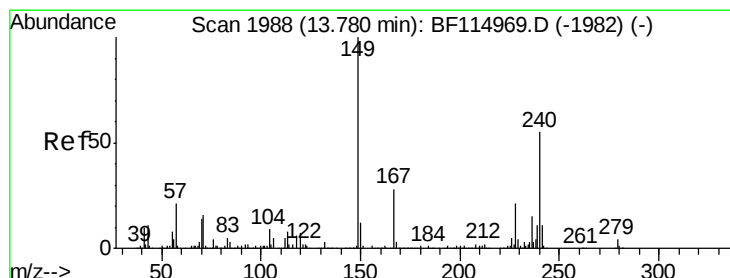
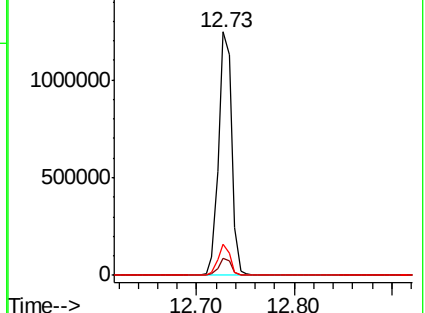
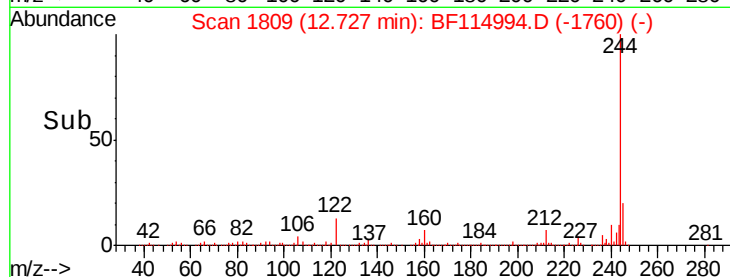


Abundance

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: 2.213 ng

RT: 13.77 min Scan# 1987

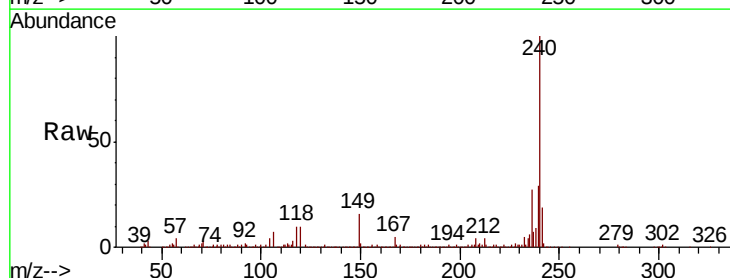
Delta R.T. -0.01 min

Lab File: BF114994.D

Acq: 13 Jun 2019 11:11

Tgt Ion:149 Resp: 58251

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.3	3.4	5.0

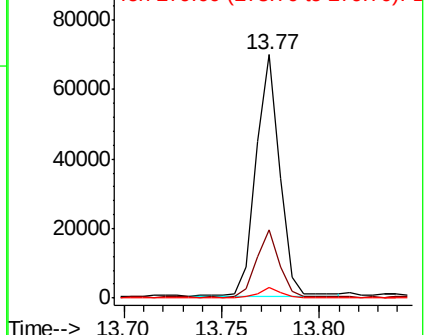
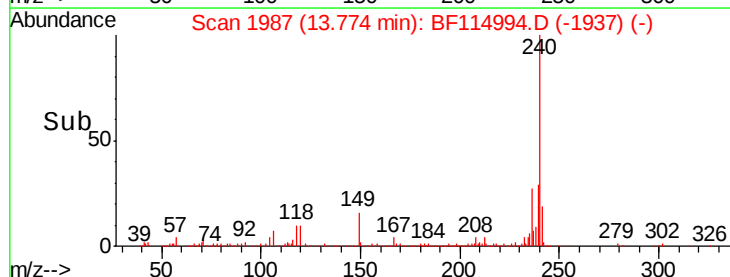


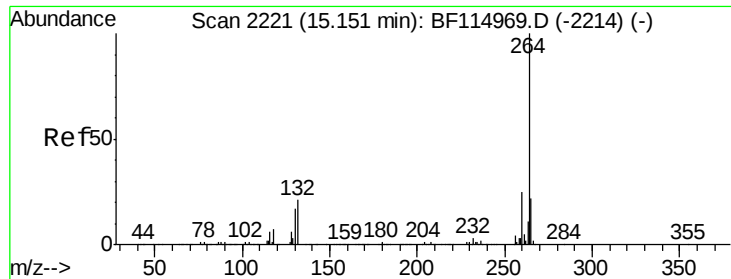
Abundance

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

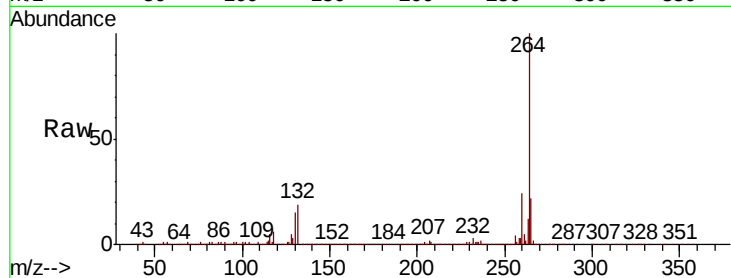




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF114994.D
Acq: 13 Jun 2019 11:11

Instrument :
BNA_F
ClientSampleId :
200030-200034

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.8	17.6	26.4



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

