

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117978.D
 Acq On : 25 Nov 2019 20:58
 Operator : JU
 Sample : PB125026BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125026BL

Quant Time: Nov 26 05:51:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158973	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	635211	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	354403	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	715375	20.00	ng	0.00
76) Chrysene-d12	14.08	240	576973	20.00	ng	0.00
87) Perylene-d12	15.57	264	502265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1071143	119.27	ng	0.02
7) Phenol-d6	6.52	99	1375022	126.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	858589	80.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	498337	132.82	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1736153	87.89	ng	0.00
79) Terphenyl-d14	13.03	244	2332405	73.88	ng	0.00

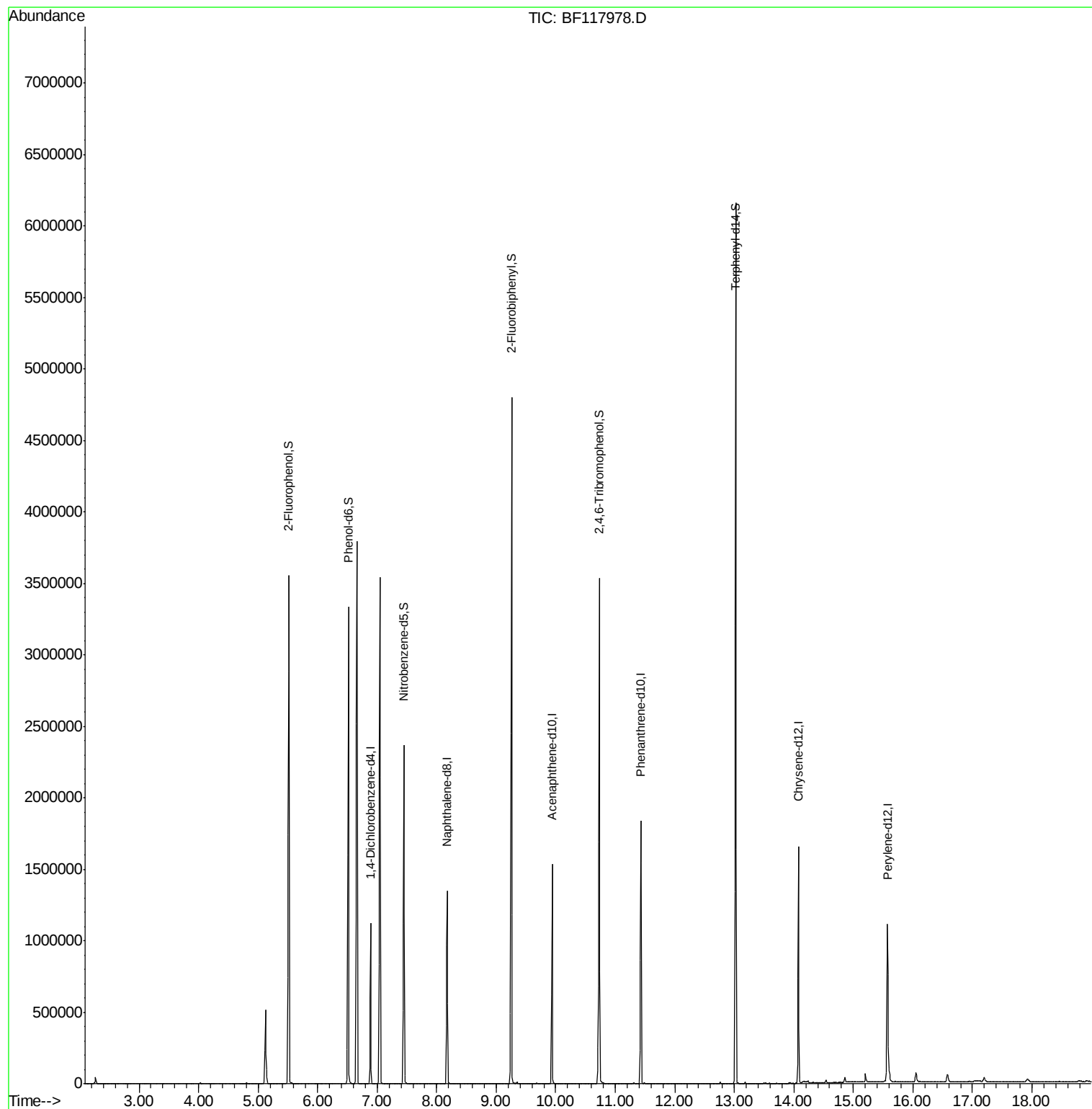
Target Compounds Qvalue

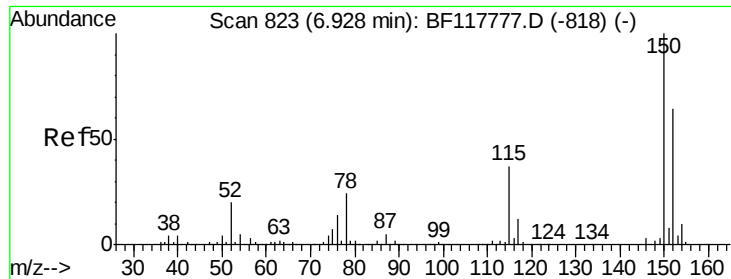
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

PB125026BL

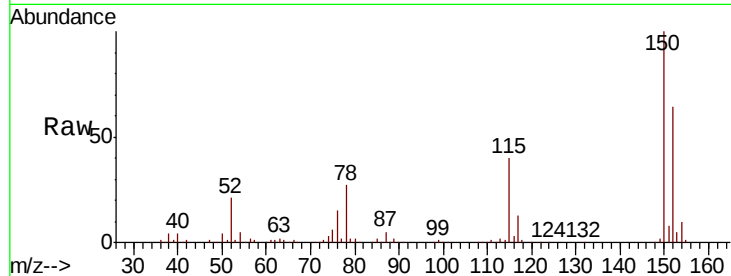
Tot Ion:152 Resp: 158973

Ion Ratio Lower Upper

152 100

150 156.9 125.3 187.9

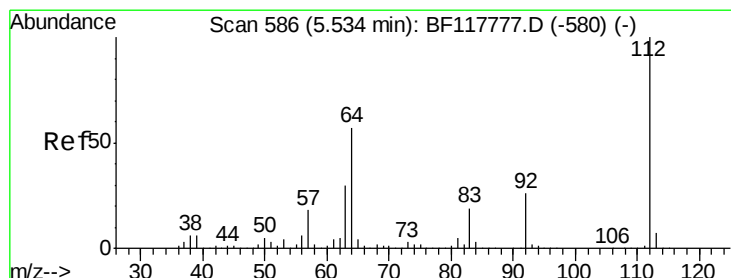
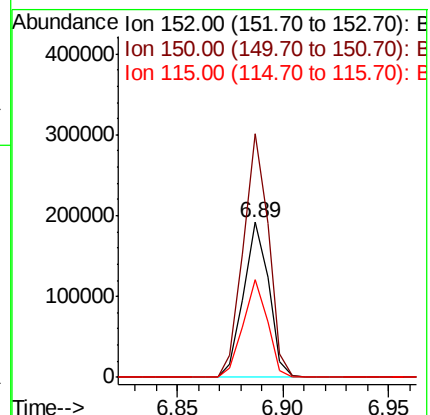
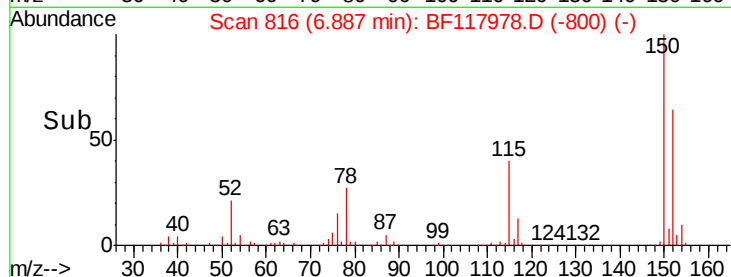
115 63.1 47.0 70.4



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: 119.268 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

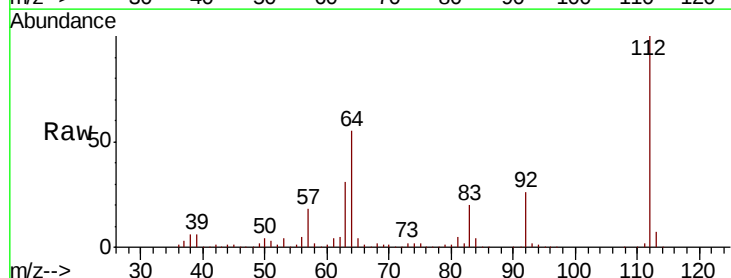
Tgt Ion:112 Resp: 1071143

Ion Ratio Lower Upper

112 100

64 55.2 45.6 68.4

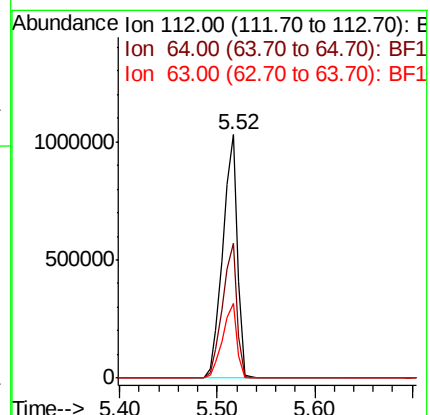
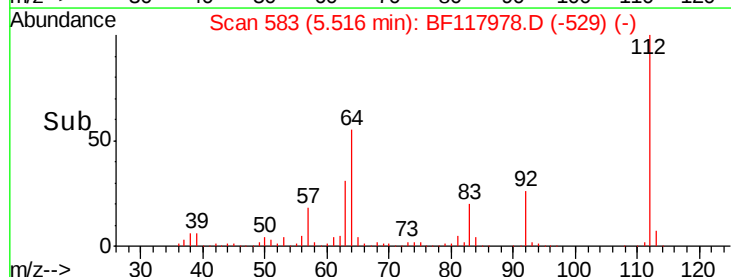
63 30.8 24.1 36.1

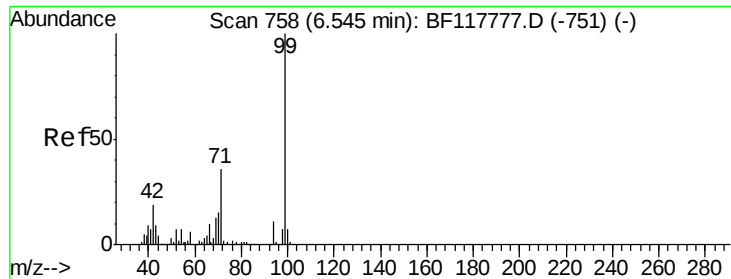


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.935 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF117978.D

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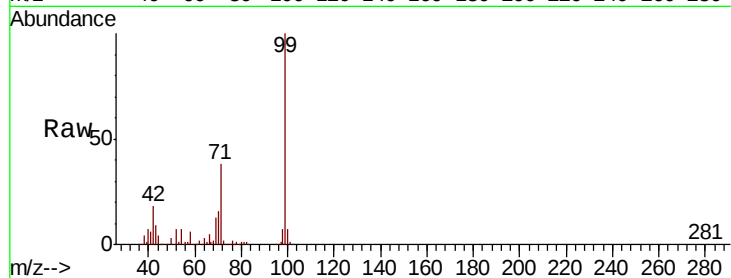
Tot Ion: 99 Resp: 1375022

Ion Ratio Lower Upper

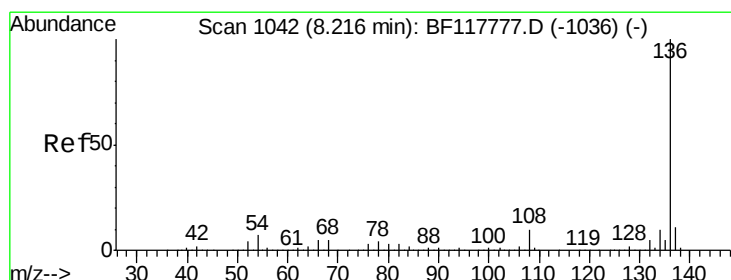
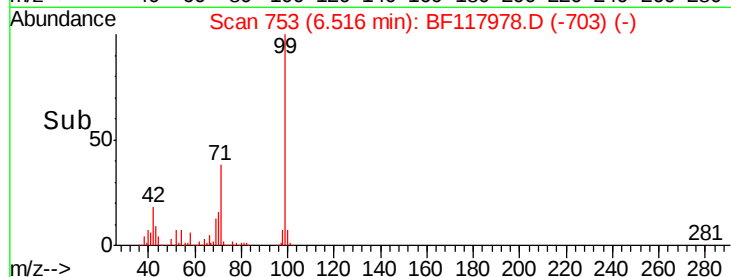
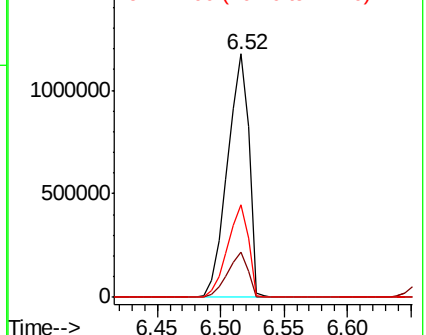
99 100

42 18.5 14.9 22.3

71 38.1 28.6 43.0



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Tgt Ion: 136 Resp: 635211

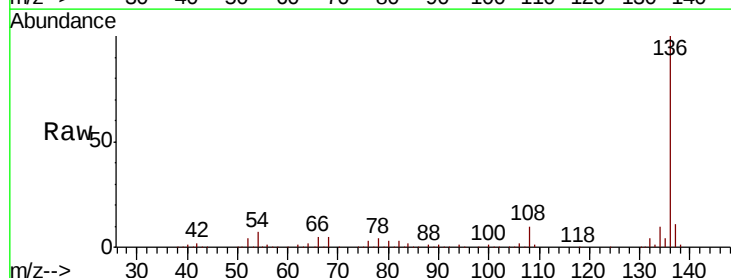
Ion Ratio Lower Upper

136 100

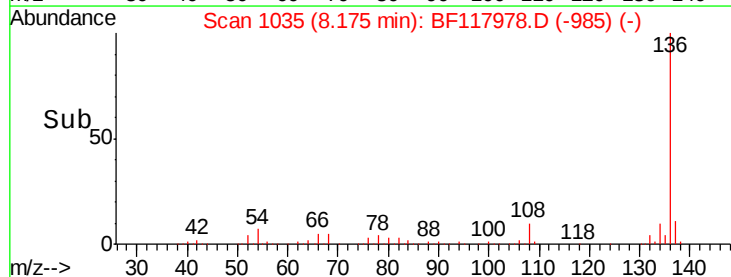
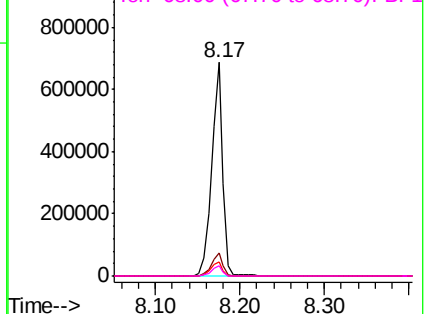
137 10.9 9.0 13.4

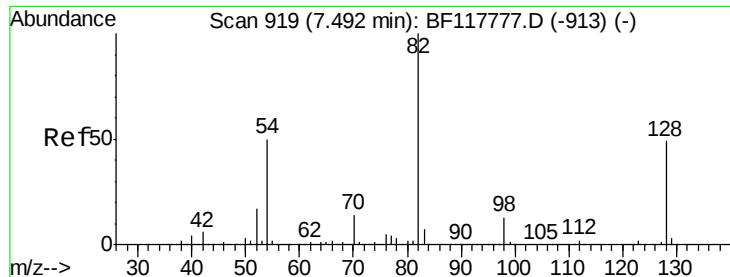
54 6.5 5.4 8.2

68 4.6 4.3 6.5



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

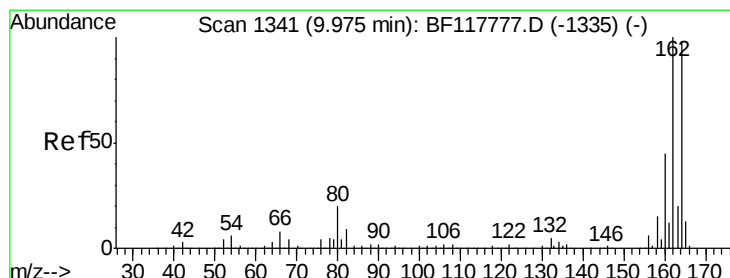
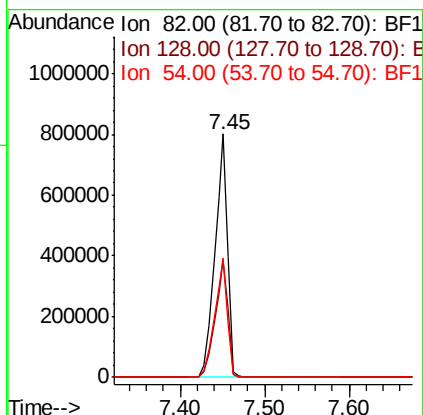
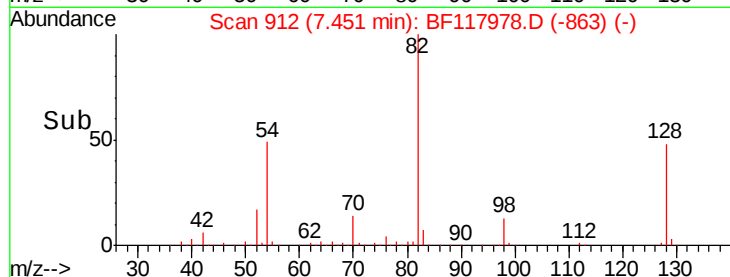
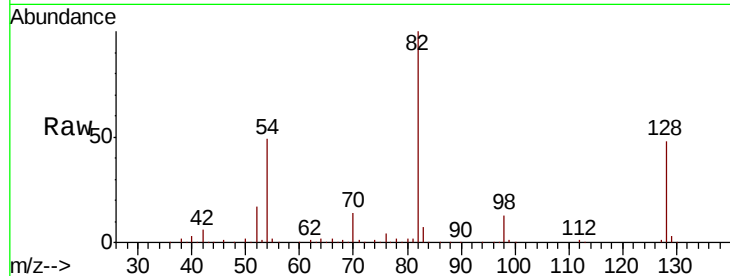




#23
Nitrobenzene-d5
Concen: 80.351 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

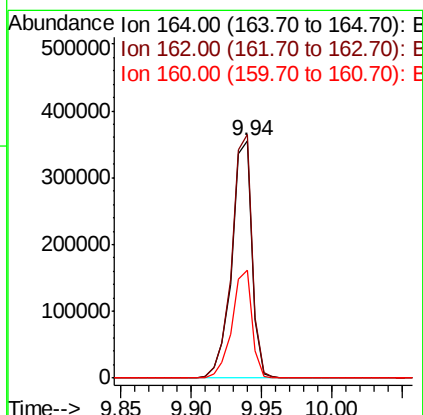
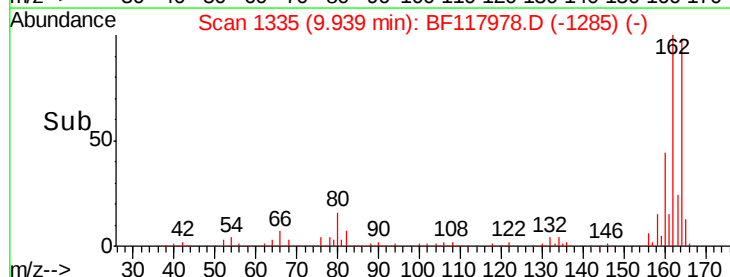
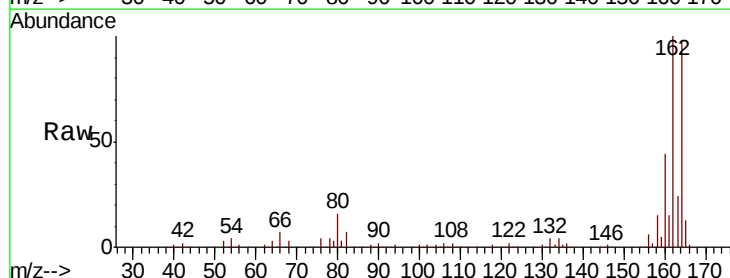
Instrument :
BNA_F
ClientSampleId :
PB125026BL

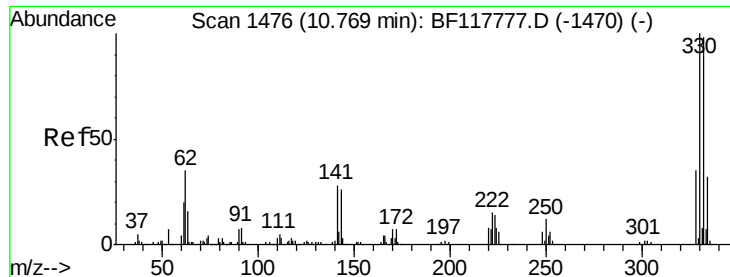
Tot Ion: 82 Resp: 858589
Ion Ratio Lower Upper
82 100
128 47.8 38.9 58.3
54 48.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

Tgt Ion: 164 Resp: 354403
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 132.818 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

PB125026BL

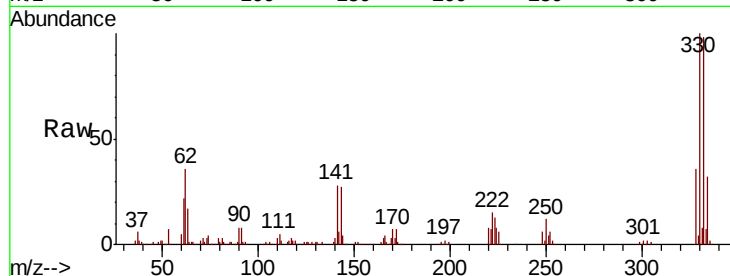
Tot Ion:330 Resp: 498337

Ion Ratio Lower Upper

330 100

332 97.5 76.7 115.1

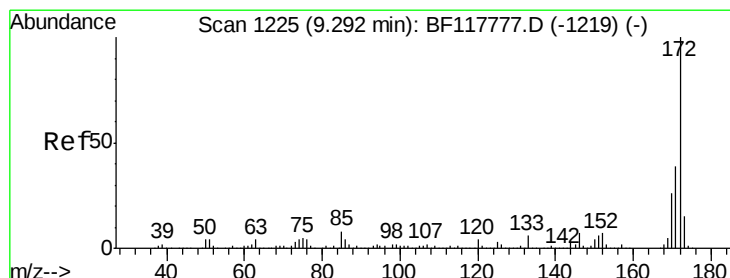
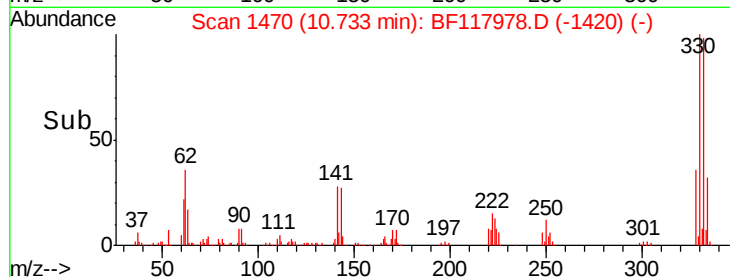
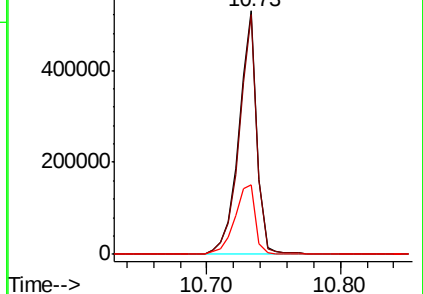
141 33.0 27.7 41.5



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: 87.886 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

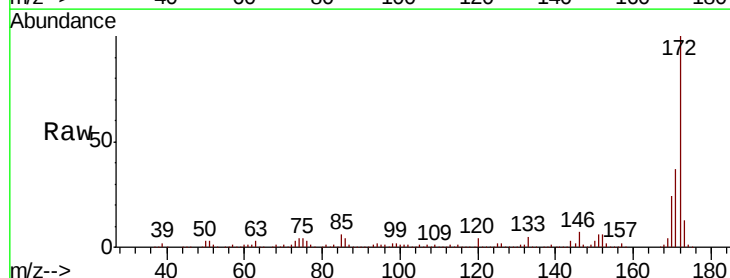
Tgt Ion:172 Resp: 1736153

Ion Ratio Lower Upper

172 100

171 36.7 30.9 46.3

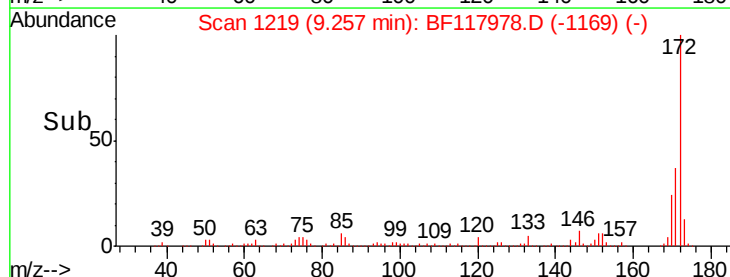
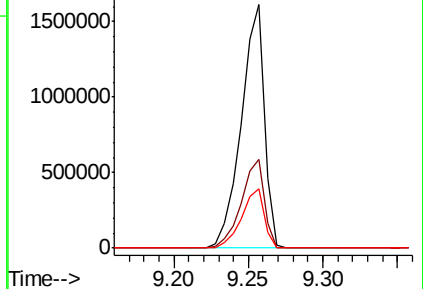
170 24.4 21.0 31.4

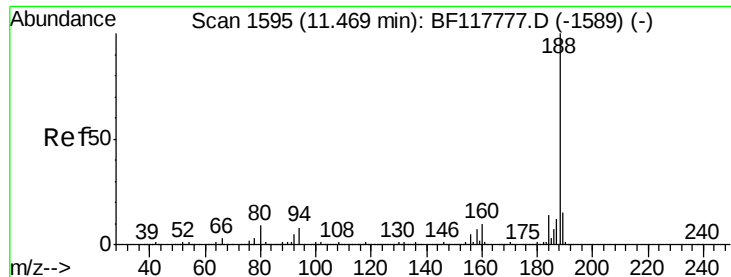


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

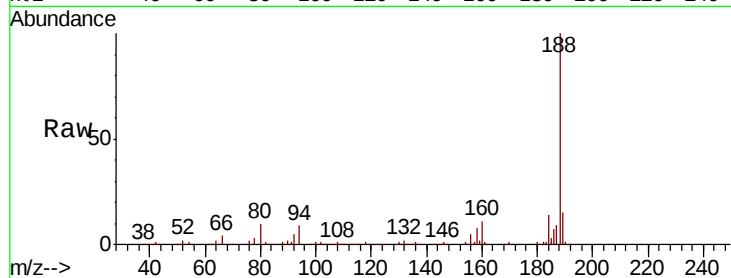




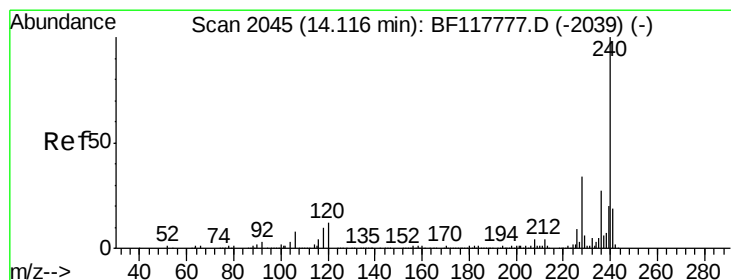
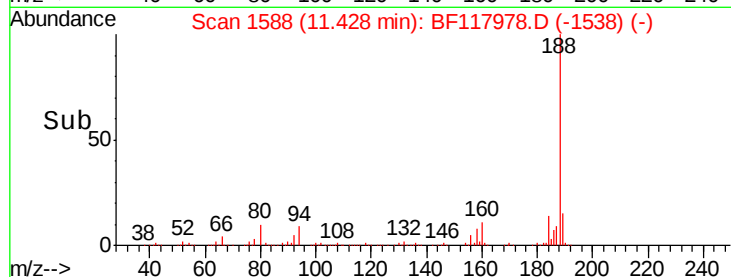
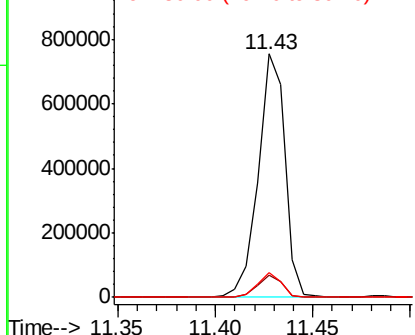
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
PB125026BL

Tot Ion:188 Resp: 715375
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 10.0 7.2 10.8

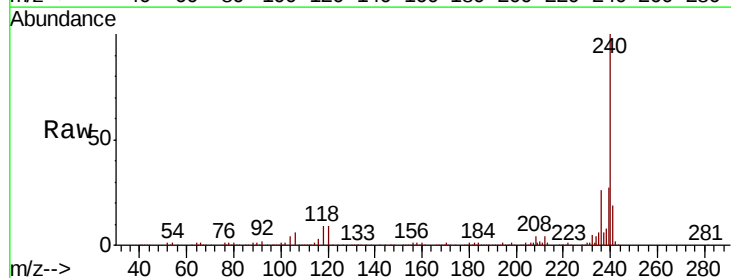


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

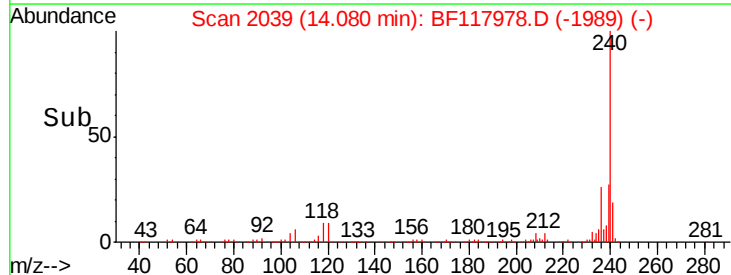
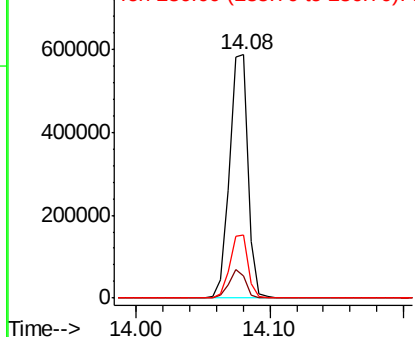


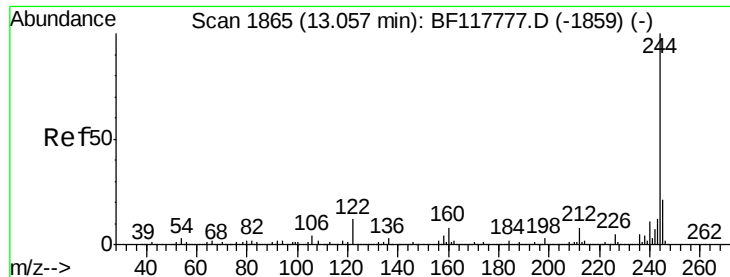
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

Tgt Ion:240 Resp: 576973
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.0 21.3 31.9



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: 73.881 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

PB125026BL

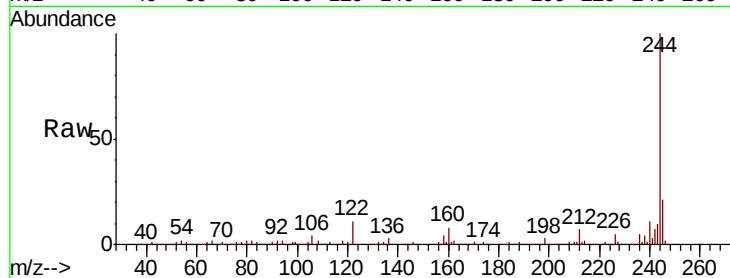
Tot Ion:244 Resp: 2332405

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

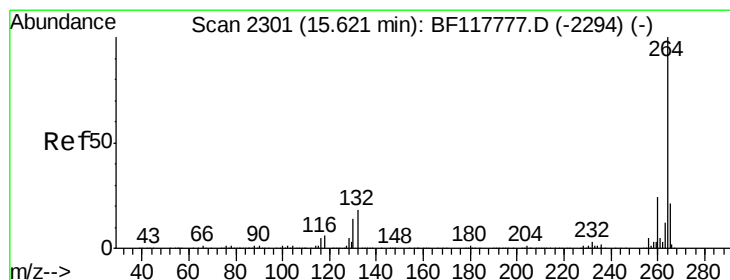
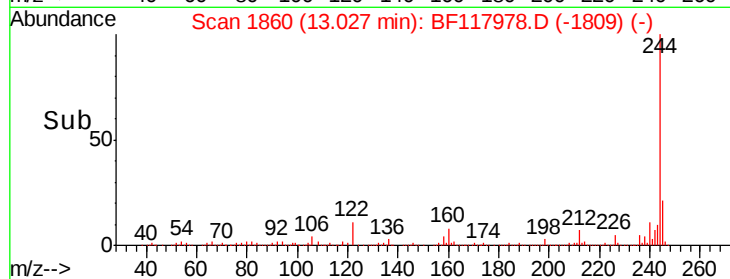
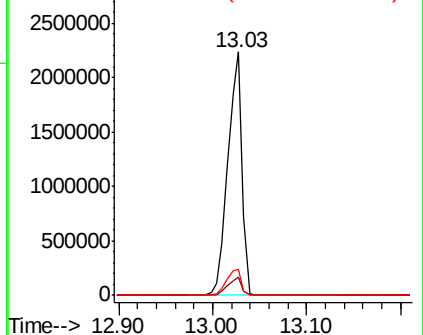
122 10.7 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

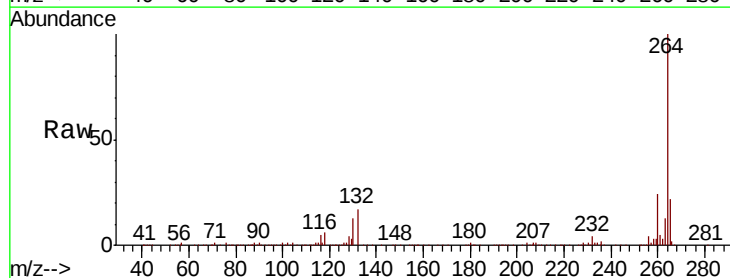
Tgt Ion:264 Resp: 502265

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.6 17.1 25.7



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

