

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117979.D
 Acq On : 25 Nov 2019 21:26
 Operator : JU
 Sample : PB125061BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125061BL

Quant Time: Nov 26 05:52:44 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	156799	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	624794	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	348983	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	693154	20.00	ng	0.00
76) Chrysene-d12	14.08	240	559729	20.00	ng	0.00
87) Perylene-d12	15.57	264	498563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1013721	114.44	ng	0.02
7) Phenol-d6	6.52	99	1293964	121.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	809395	77.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	473433	128.14	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1660261	85.35	ng	0.00
79) Terphenyl-d14	13.03	244	2239165	73.11	ng	0.00

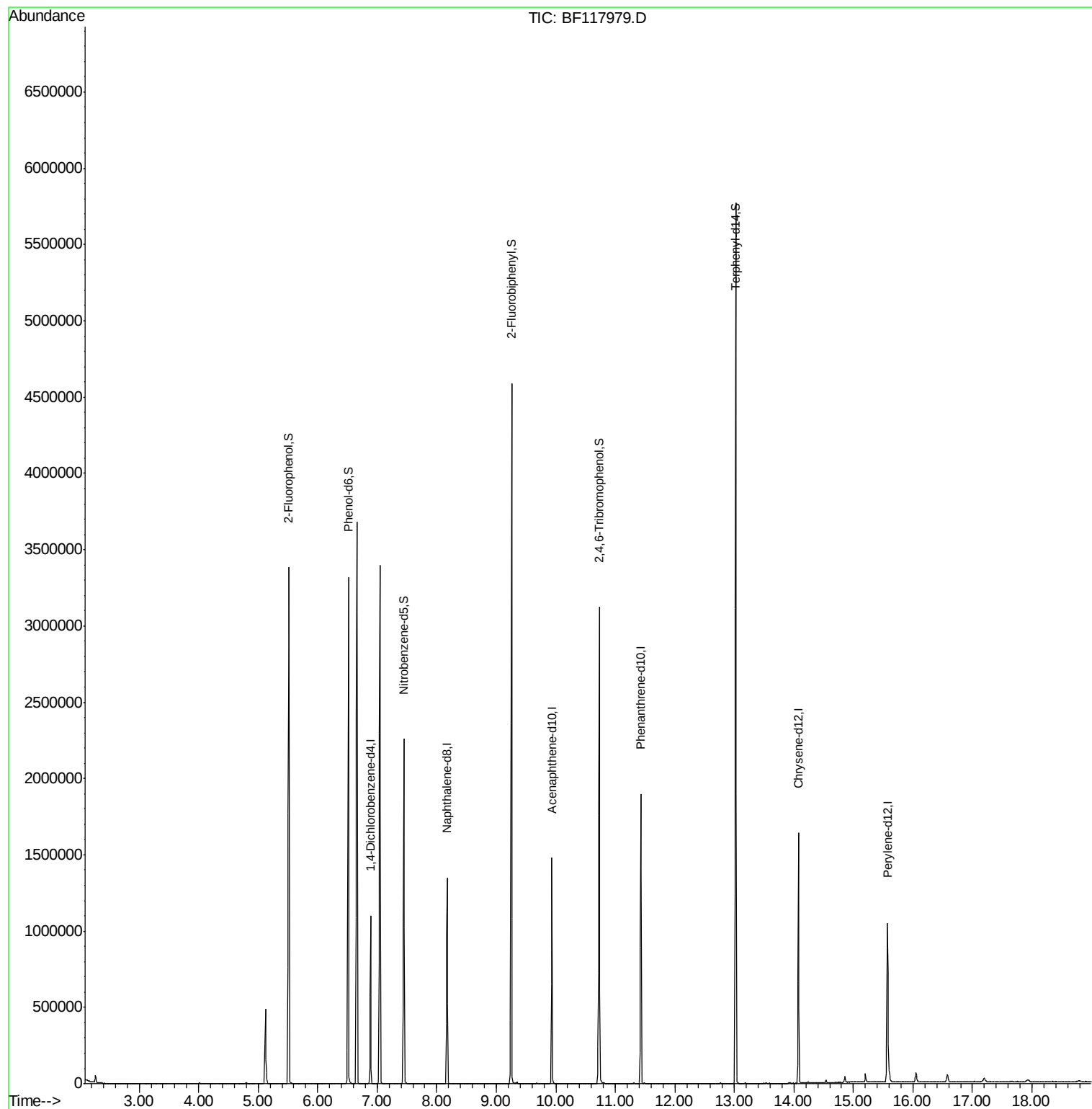
Target Compounds Qvalue

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

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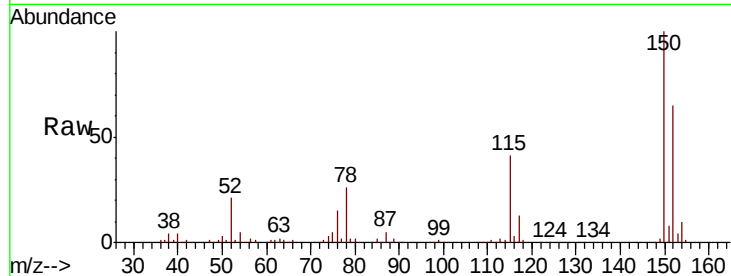


#1

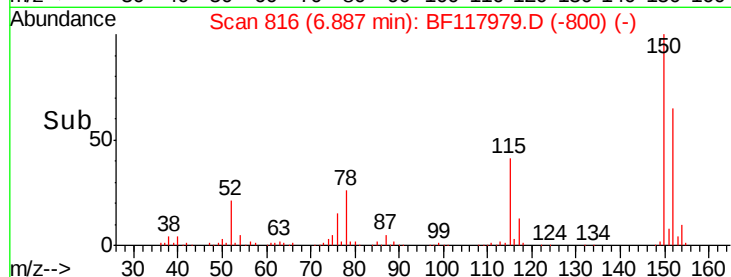
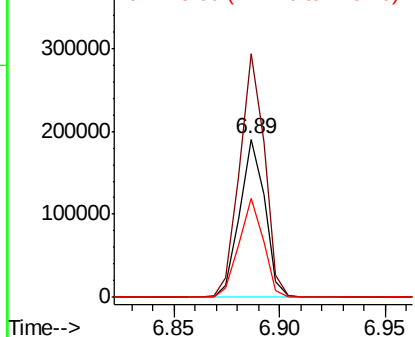
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF117979.D
Acq: 25 Nov 2019 21:26

Instrument :
BNA_F
ClientSampleId :
PB125061BL

Tot Ion:152 Resp: 156799
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 63.0 47.0 70.4



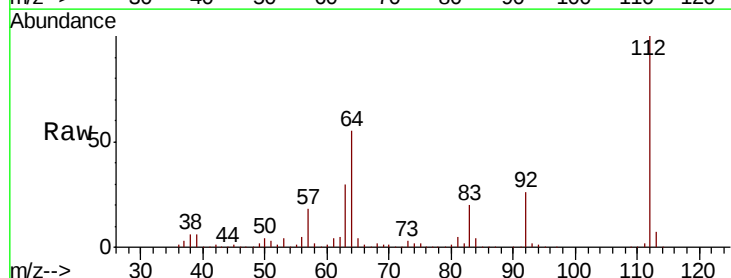
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



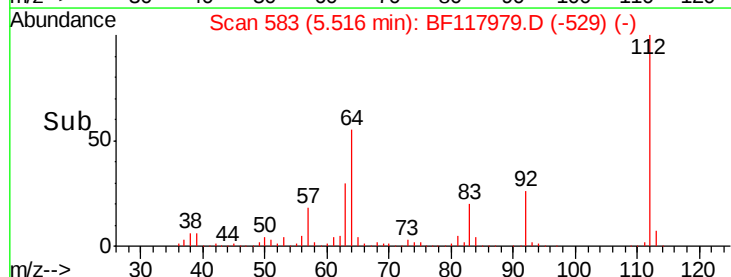
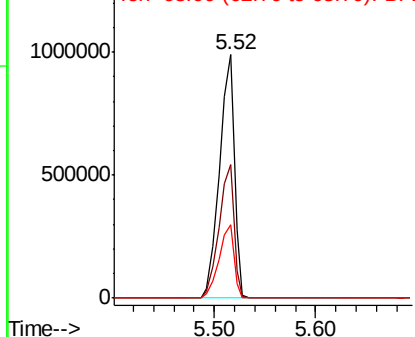
#5

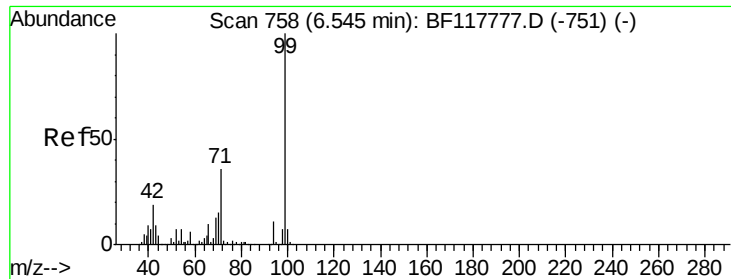
2-Fluorophenol
Concen: 114.439 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF117979.D
Acq: 25 Nov 2019 21:26

Tgt Ion:112 Resp: 1013721
Ion Ratio Lower Upper
112 100
64 54.6 45.6 68.4
63 30.0 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: 121.108 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF117979.D

Acq: 25 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

PB125061BL

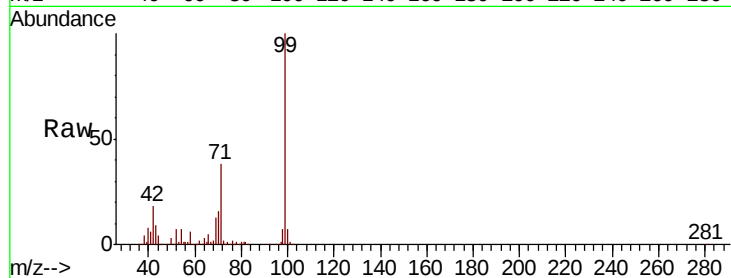
Tot Ion: 99 Resp: 1293964

Ion Ratio Lower Upper

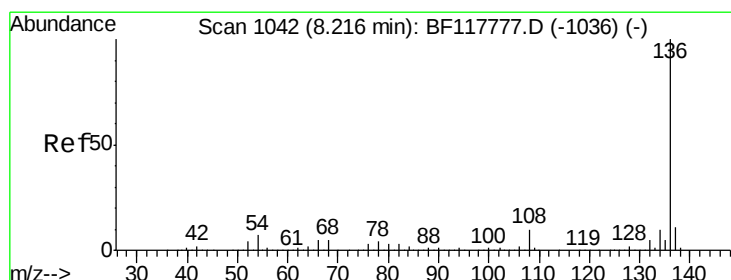
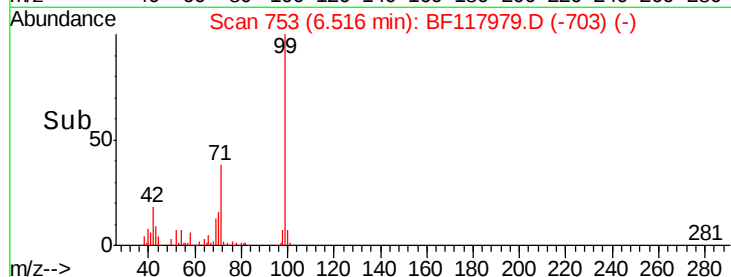
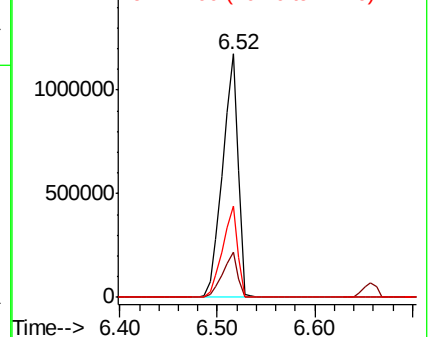
99 100

42 18.5 14.9 22.3

71 37.5 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: BF117979.D

Acq: 25 Nov 2019 21:26

Tgt Ion: 136 Resp: 624794

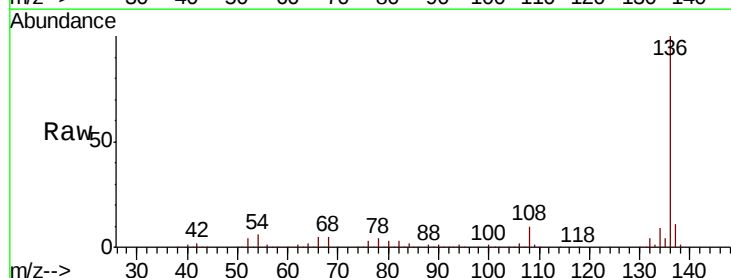
Ion Ratio Lower Upper

136 100

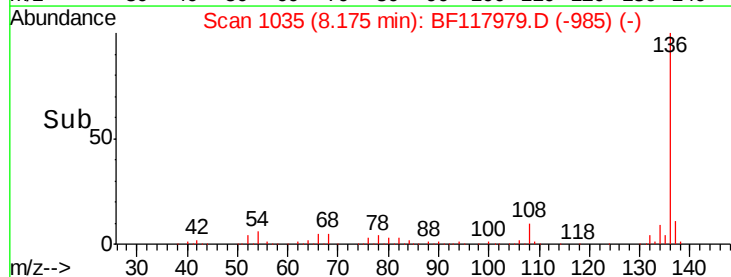
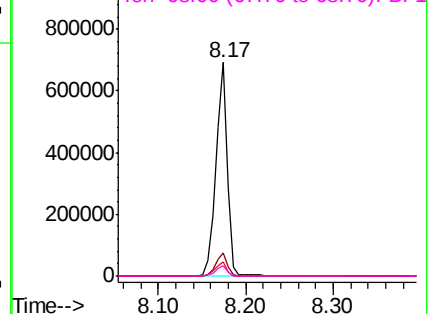
137 11.0 9.0 13.4

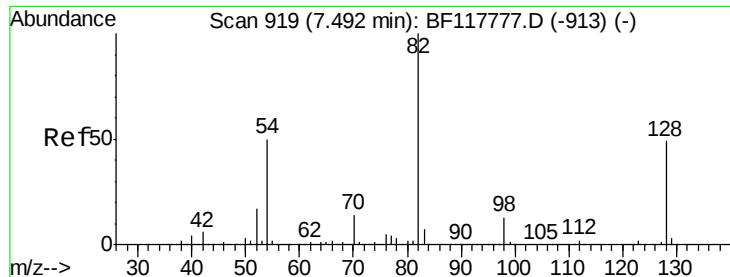
54 6.5 5.4 8.2

68 4.5 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

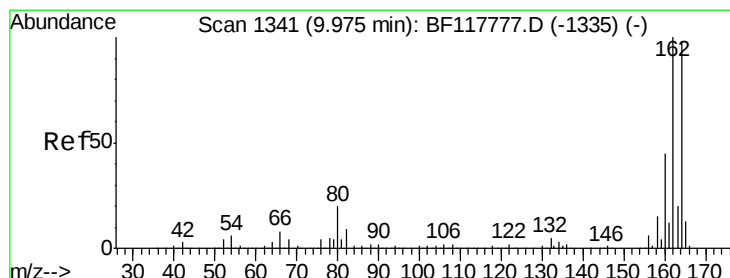
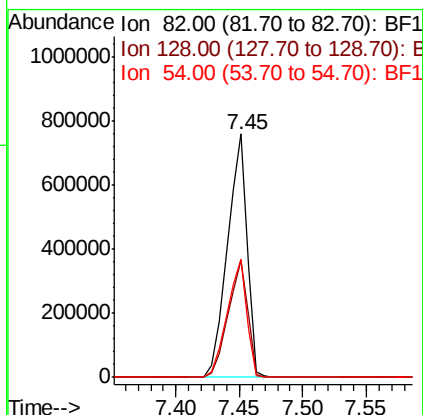
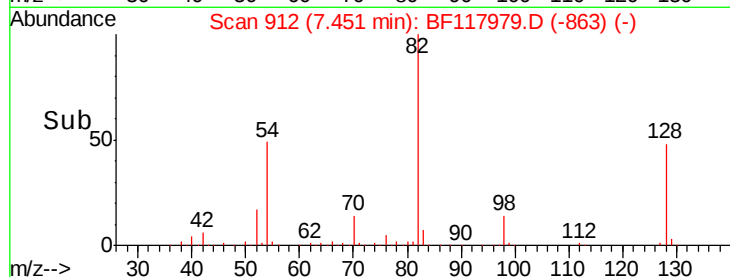
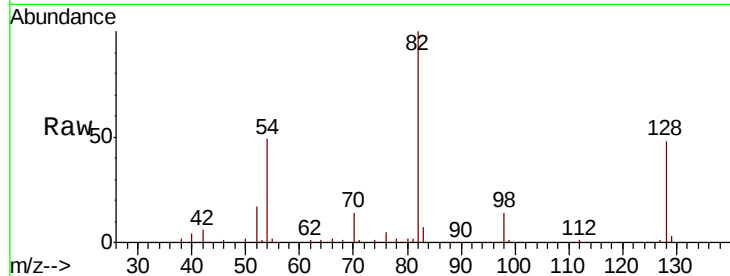




#23
Nitrobenzene-d5
Concen: 77.010 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117979.D
Acq: 25 Nov 2019 21:26

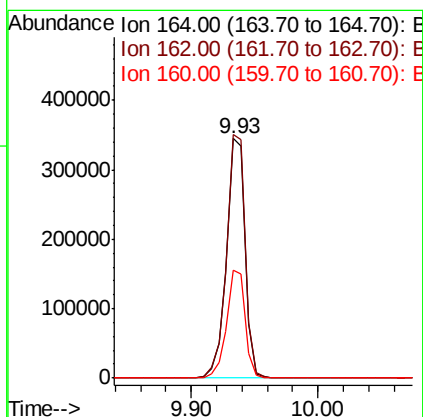
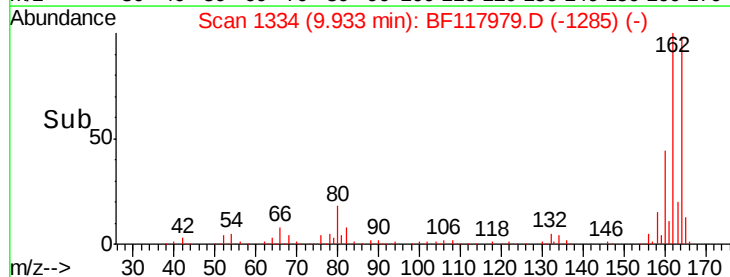
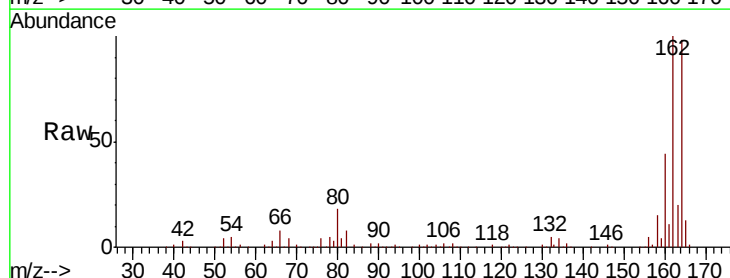
Instrument :
BNA_F
ClientSampled :
PB125061BL

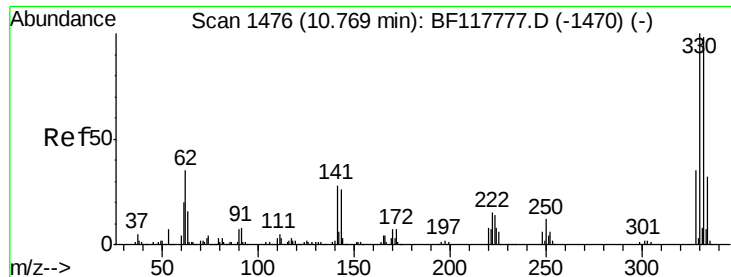
Tot Ion: 82 Resp: 809395
Ion Ratio Lower Upper
82 100
128 48.1 38.9 58.3
54 48.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF117979.D
Acq: 25 Nov 2019 21:26

Tgt Ion:164 Resp: 348983
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.0 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 128.140 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF117979.D

Acq: 25 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

PB125061BL

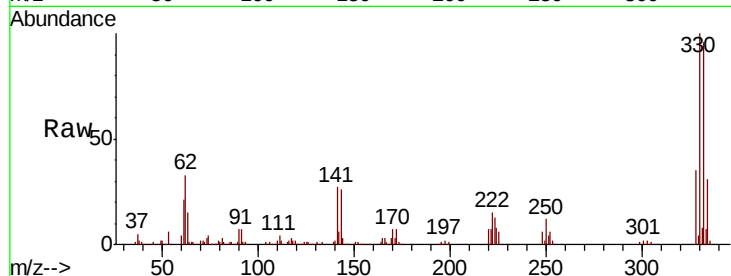
Tot Ion:330 Resp: 473433

Ion Ratio Lower Upper

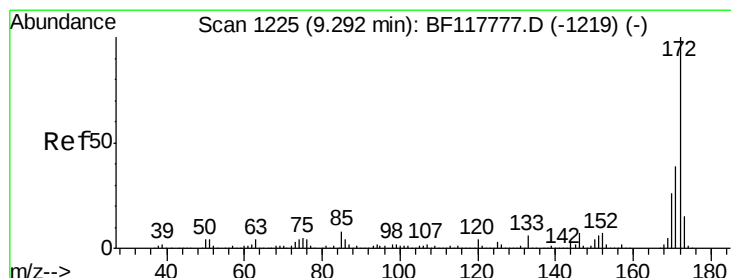
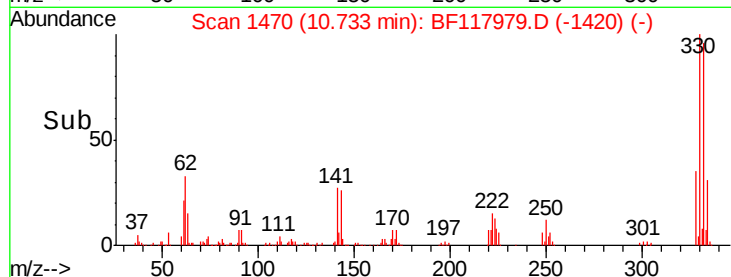
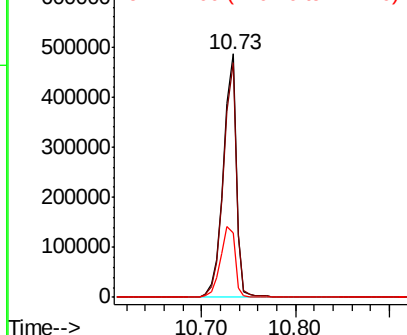
330 100

332 96.7 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: 85.350 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF117979.D

Acq: 25 Nov 2019 21:26

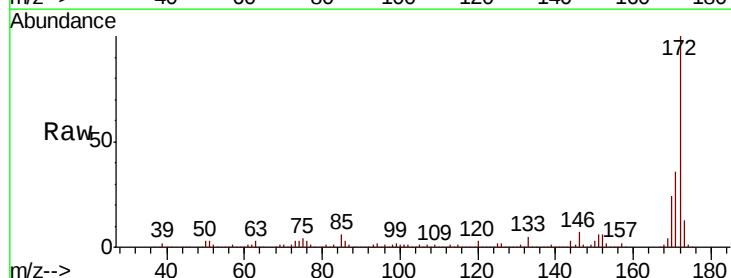
Tgt Ion:172 Resp: 1660261

Ion Ratio Lower Upper

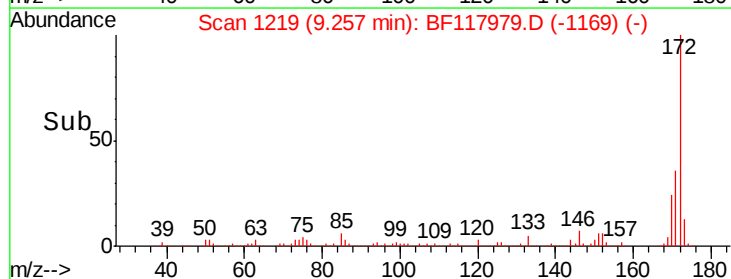
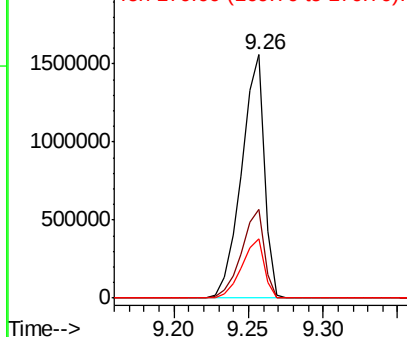
172 100

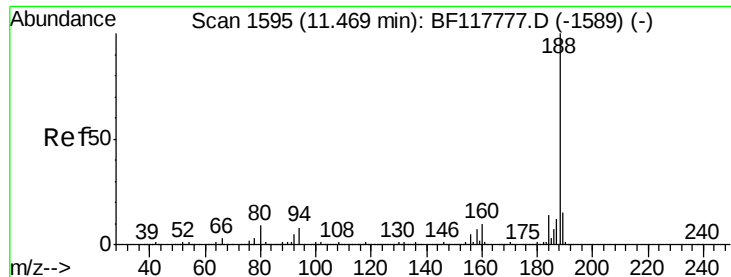
171 36.3 30.9 46.3

170 24.3 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: BF117979.D

Acq: 25 Nov 2019 21:26

Instrument :

BNA_F

ClientSampleId :

PB125061BL

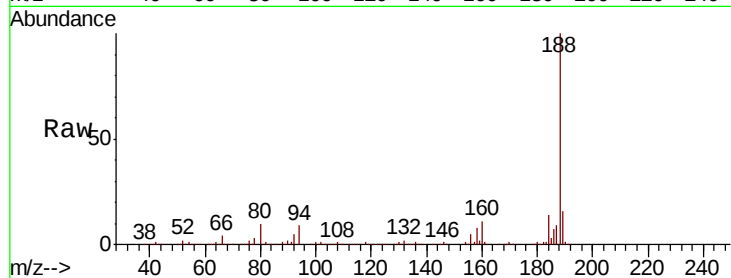
Tot Ion:188 Resp: 693154

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

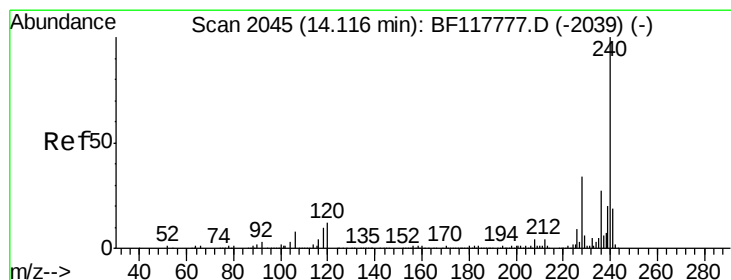
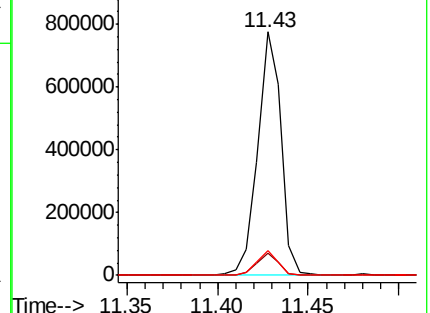
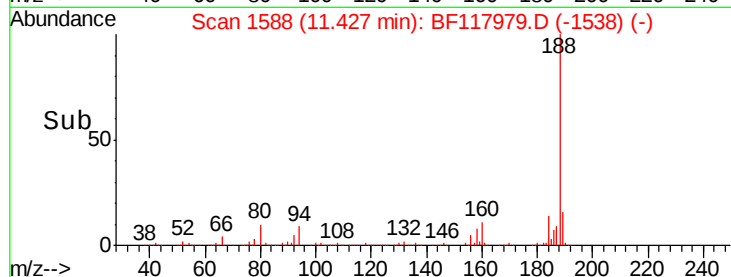
80 10.1 7.2 10.8



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: BF117979.D

Acq: 25 Nov 2019 21:26

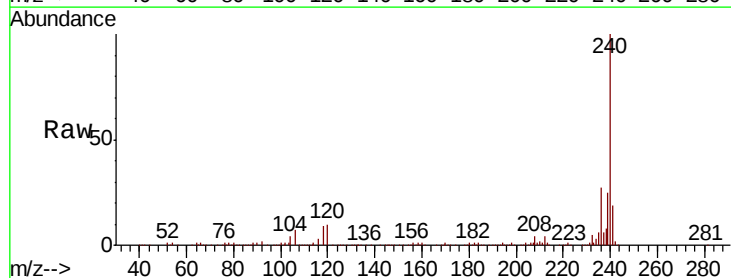
Tgt Ion:240 Resp: 559729

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

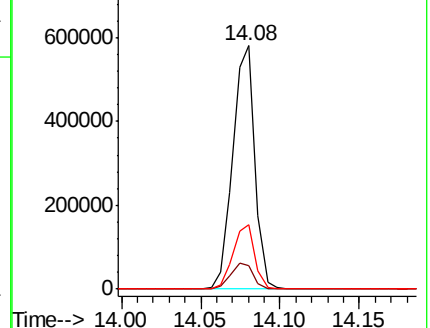
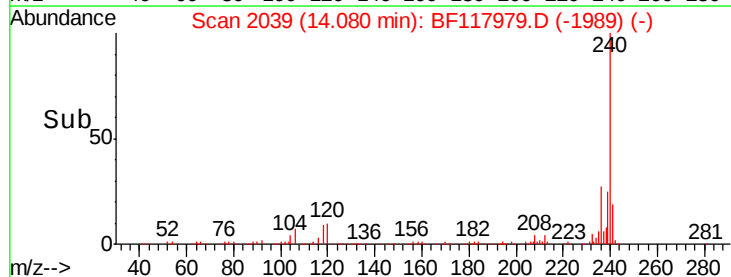
236 26.7 21.3 31.9

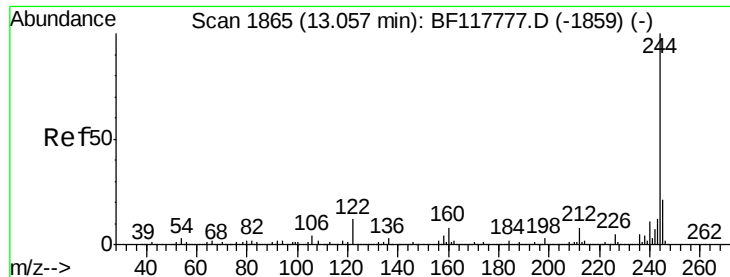


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.113 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF117979.D

Acq: 25 Nov 2019 21:26

Instrument :

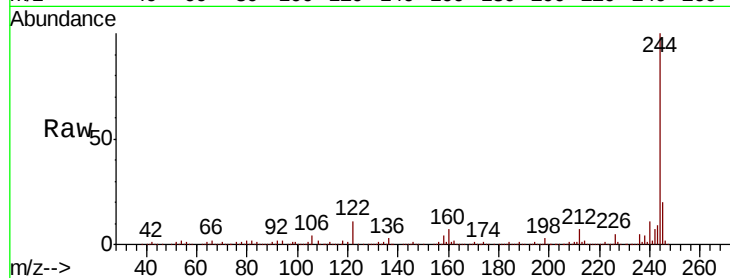
BNA_F

ClientSampleId :

PB125061BL

Tot Ion:244 Resp: 2239165

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.0	9.4	14.2

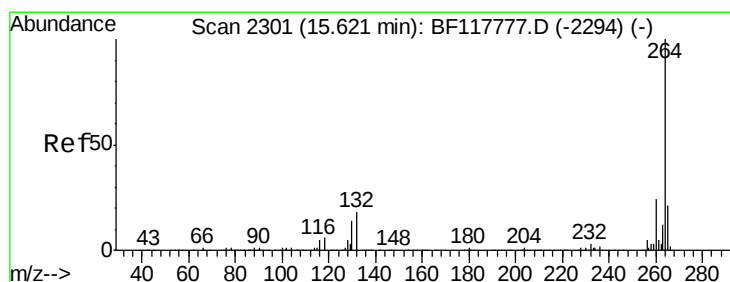
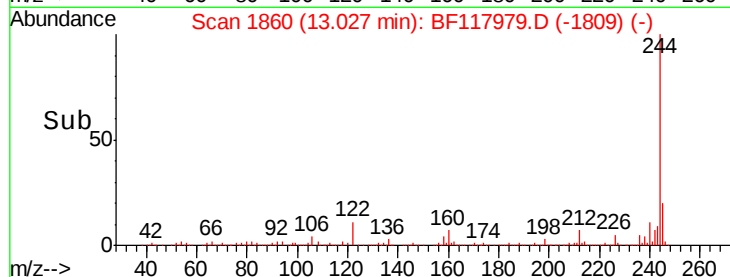
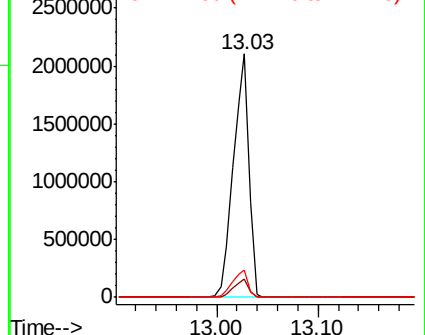


Abundance

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

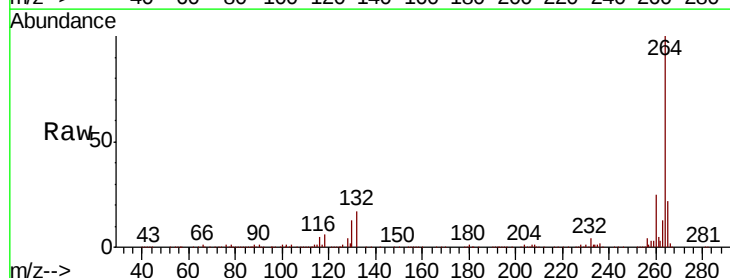
Delta R.T. -0.01 min

Lab File: BF117979.D

Acq: 25 Nov 2019 21:26

Tgt Ion:264 Resp: 498563

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.5	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

