

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120554.D
 Acq On : 5 Jun 2020 12:16
 Operator : JU/CG
 Sample : PB129254BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Quant Time: Jun 05 16:09:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	177346	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	725931	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316273	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	610949	20.00	ng	0.00
76) Chrysene-d12	13.97	240	492024	20.00	ng	0.00
86) Perylene-d12	15.43	264	457044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1252939	134.64	ng	0.00
7) Phenol-d6	6.46	99	1501602	130.91	ng	0.00
23) Nitrobenzene-d5	7.38	82	1005987	90.65	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	434294	148.20	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1665211	89.33	ng	0.00
79) Terphenyl-d14	12.93	244	1958597	88.58	ng	0.00

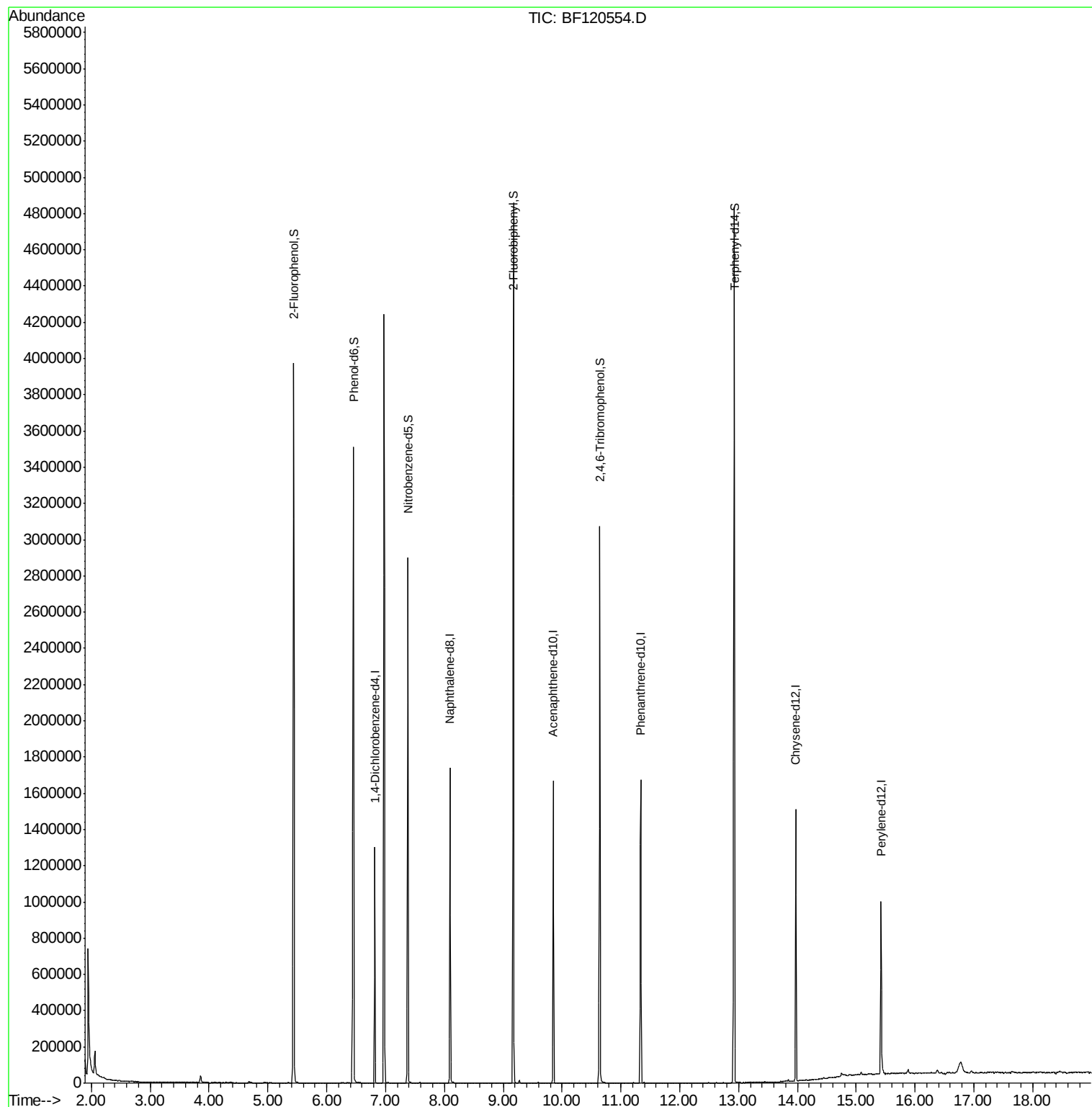
Target Compounds Qvalue

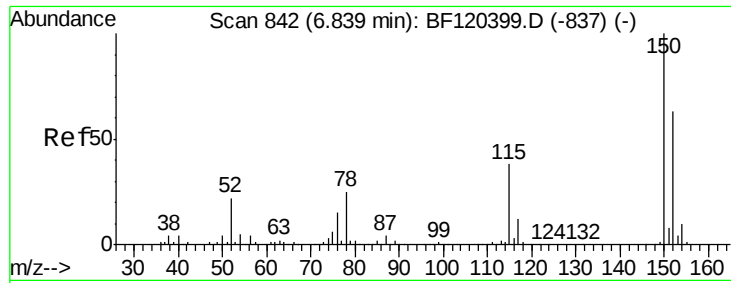
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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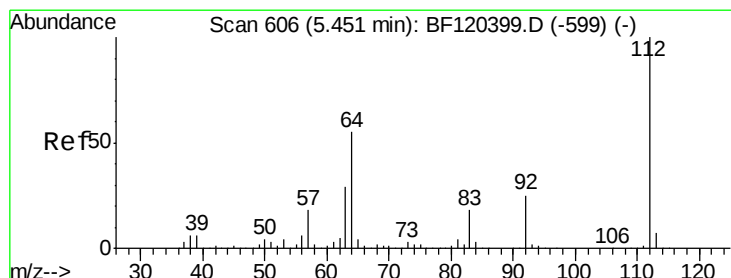
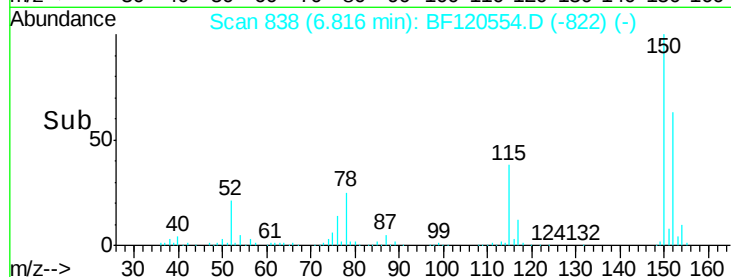
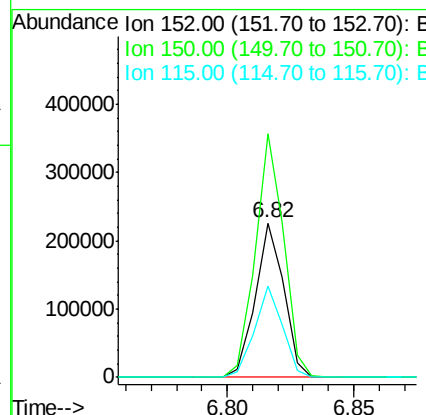
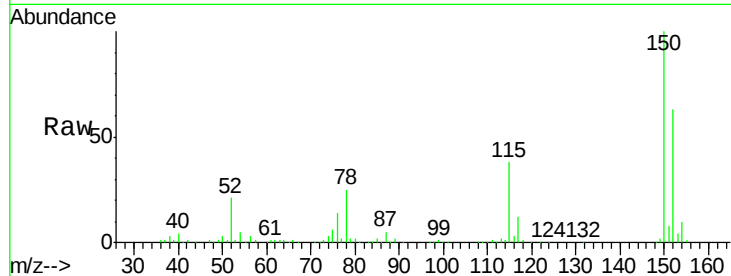




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

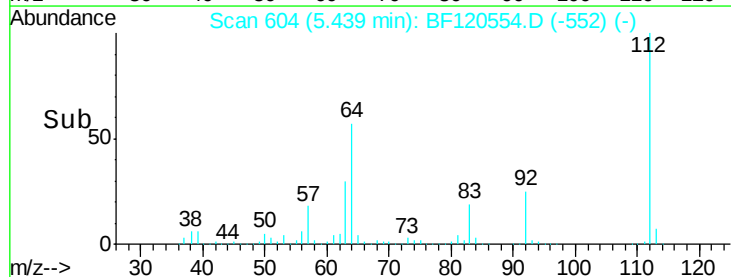
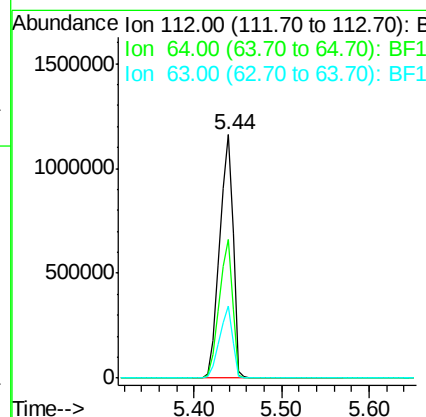
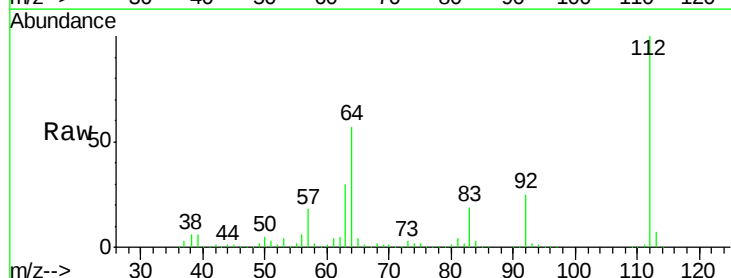
Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Tot Ion:152 Resp: 177346
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.2 186.4
 115 59.1 43.8 65.6



#5
 2-Fluorophenol
 Concen: 134.640 ng
 RT: 5.44 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

Tgt Ion:112 Resp: 1252939
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.5 69.7
 63 29.7 23.6 35.4





#7

Phenol-d6

Concen: 130.914 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Instrument :

BNA_F

ClientSampleId :

PB129254BL

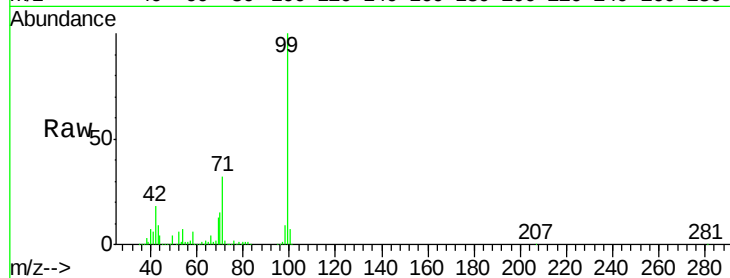
Tot Ion: 99 Resp: 1501602

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

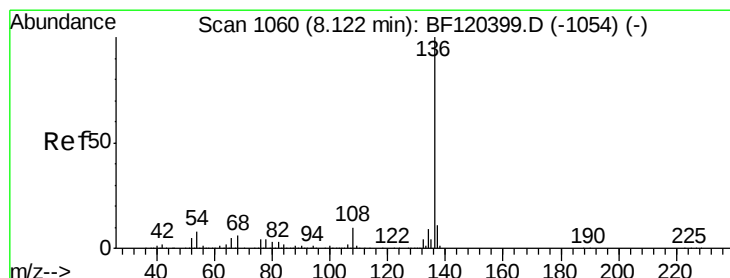
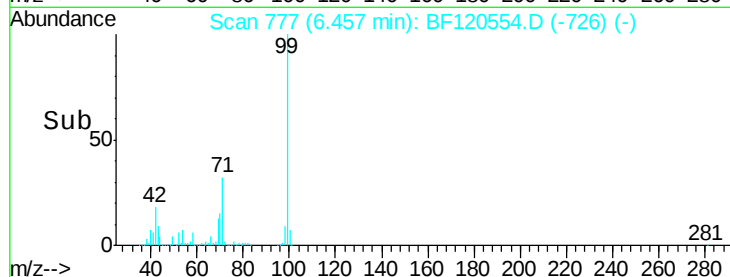
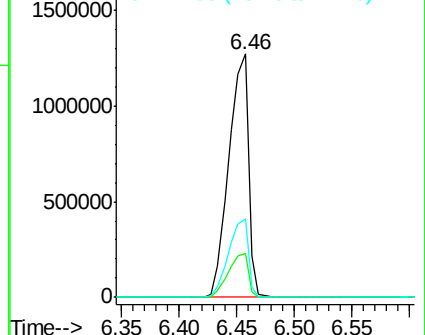
71 32.4 25.8 38.6



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: 8.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Tgt Ion: 136 Resp: 725931

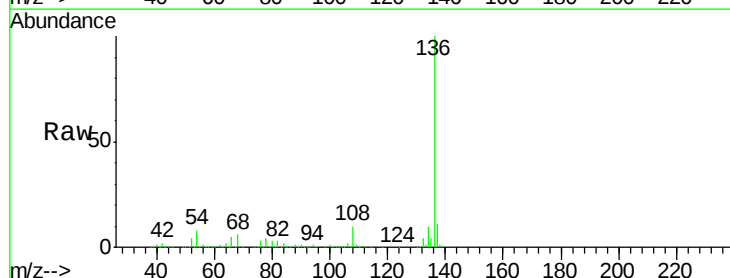
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.5 5.1 7.7

68 6.1 4.0 6.0#

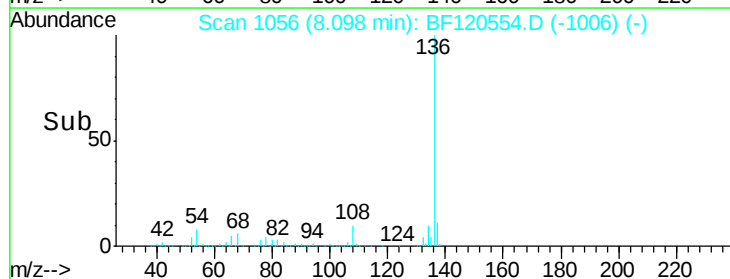
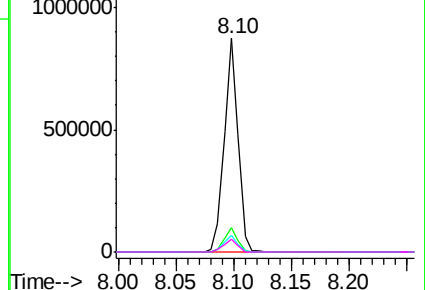


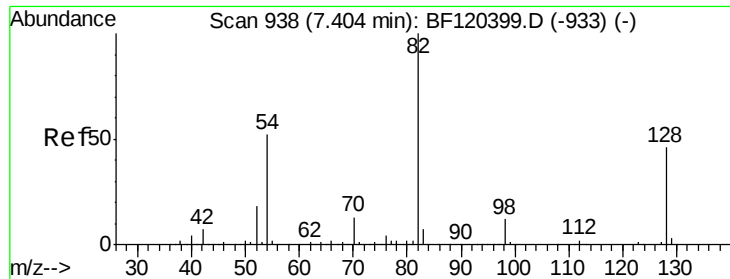
Abundance Ion 136.00 (135.70 to 136.70): E

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

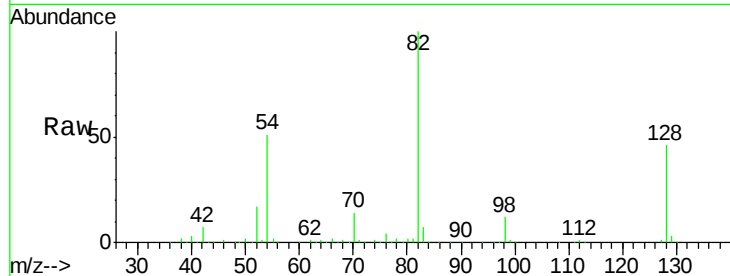




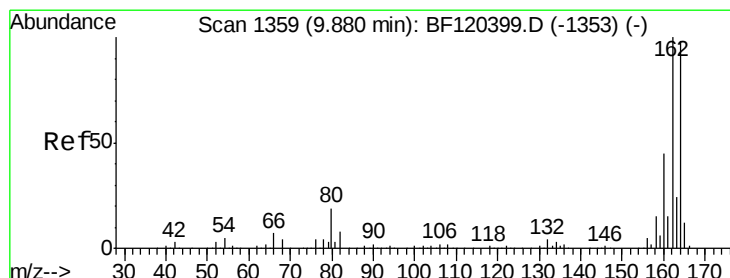
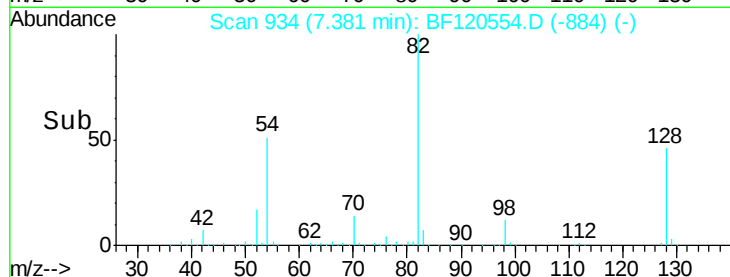
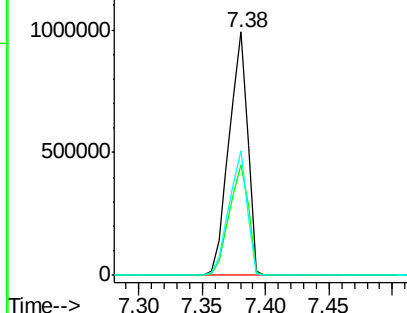
#23
Nitrobenzene-d5
Concen: 90.649 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion: 82 Resp: 1005987
Ion Ratio Lower Upper
82 100
128 45.6 38.6 57.8
54 51.0 39.5 59.3

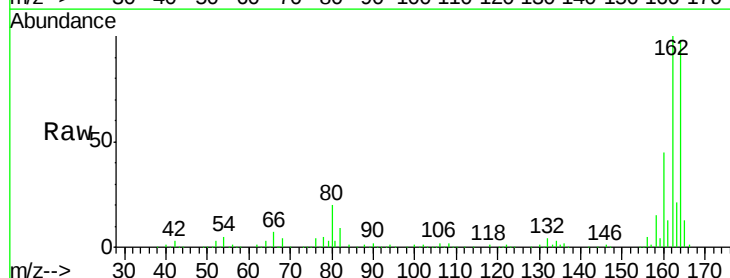


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

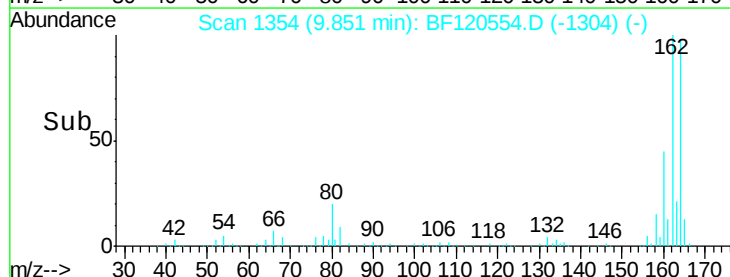
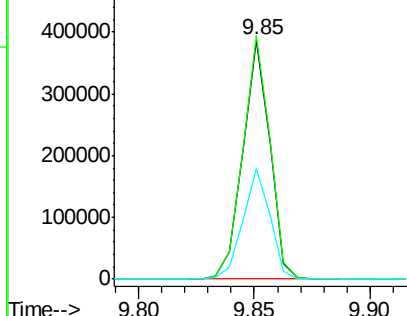


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Tgt Ion: 164 Resp: 316273
Ion Ratio Lower Upper
164 100
162 102.0 80.3 120.5
160 46.2 36.6 54.8



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

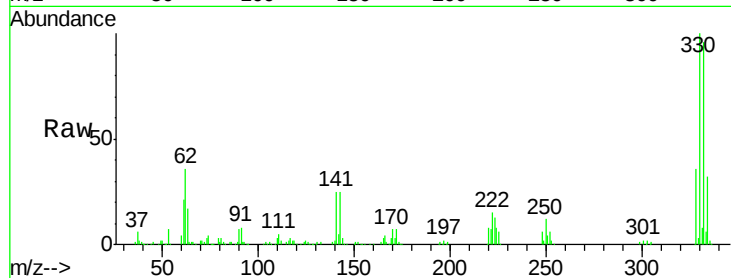




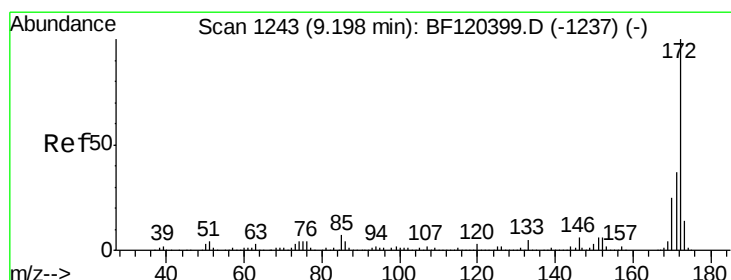
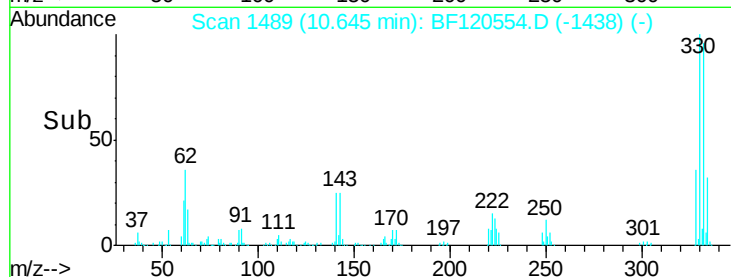
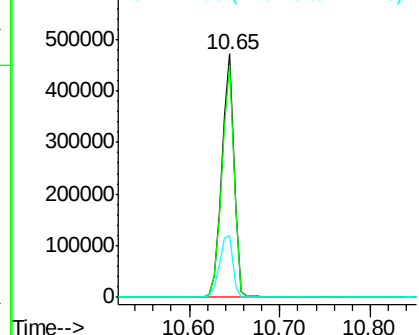
#42
 2,4,6-Tribromophenol
 Concen: 148.203 ng
 RT: 10.65 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Tot Ion:330 Resp: 434294
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 28.3 23.9 35.9

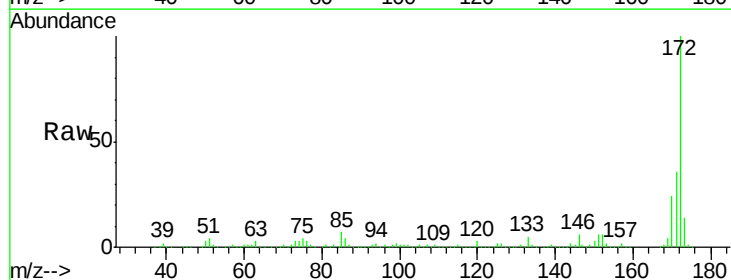


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

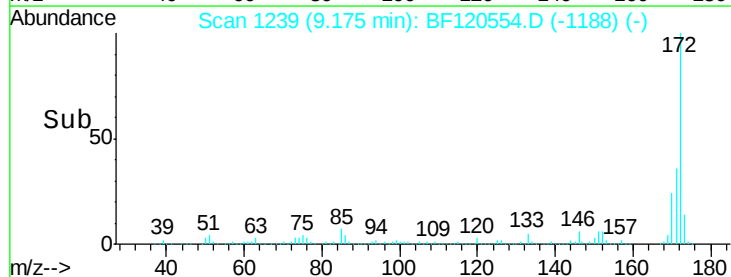
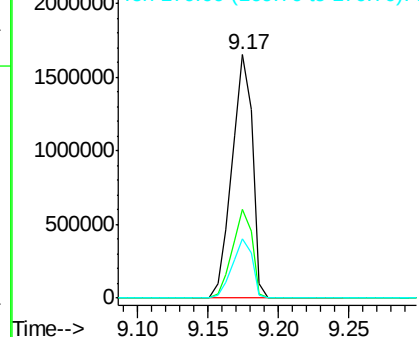


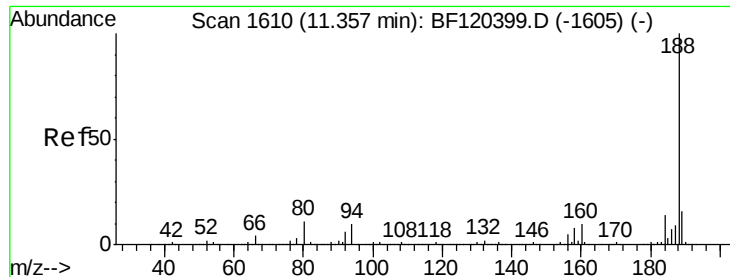
#45
 2-Fluorobiphenyl
 Concen: 89.333 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF120554.D
 Acq: 5 Jun 2020 12:16

Tgt Ion:172 Resp: 1665211
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.3 19.0 28.6



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

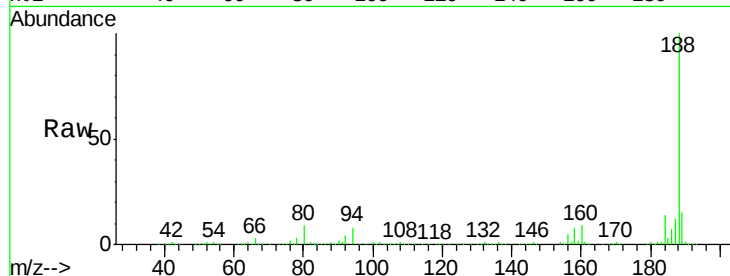




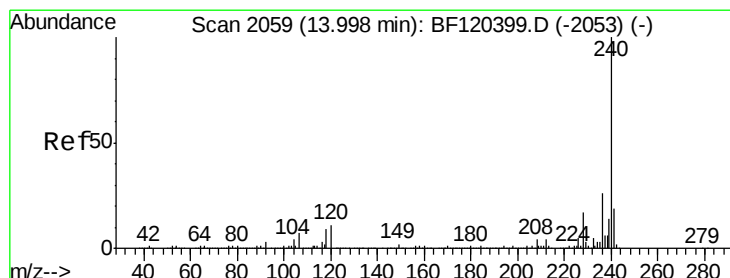
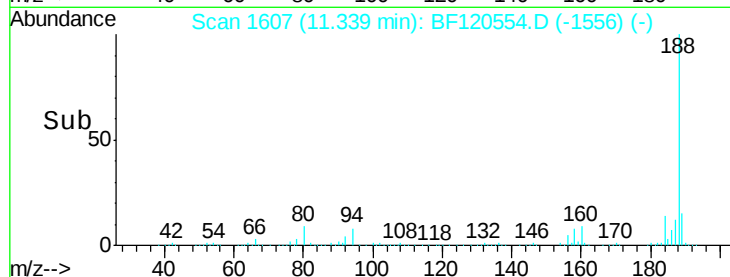
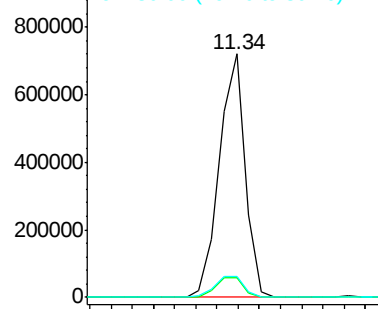
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion:188 Resp: 610949
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.7 7.4 11.0

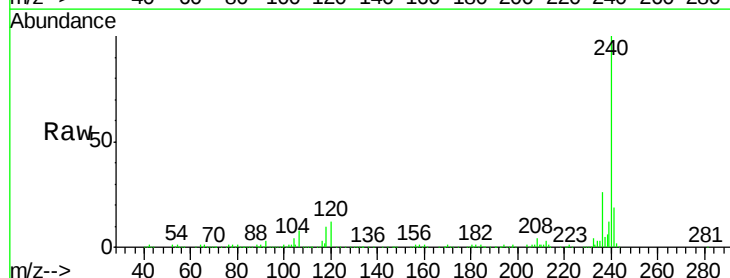


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

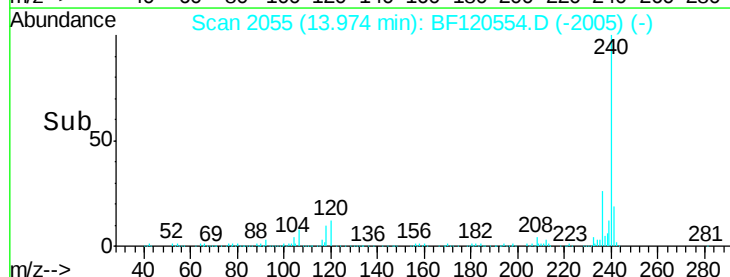
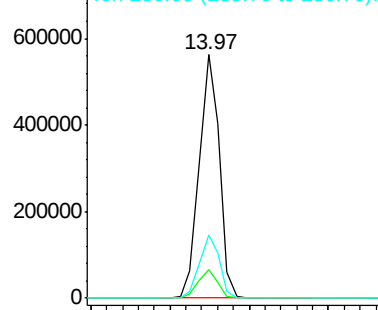


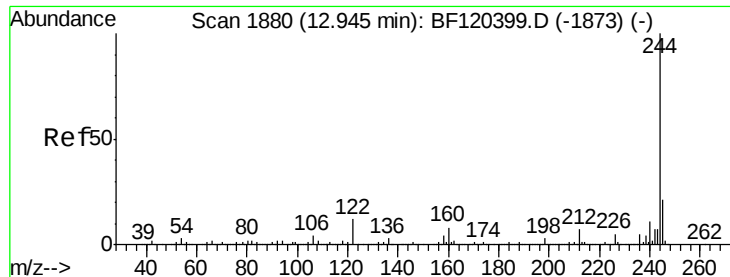
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF120554.D
Acq: 5 Jun 2020 12:16

Tgt Ion:240 Resp: 492024
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
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: 88.580 ng

RT: 12.93 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Instrument :

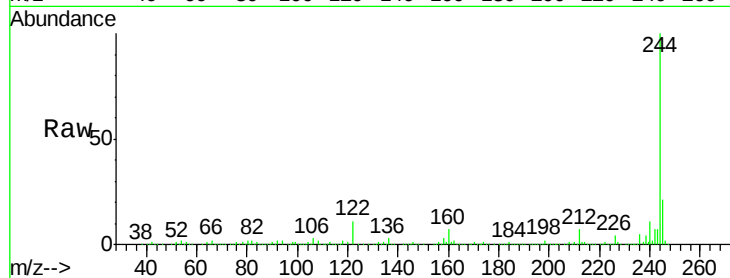
BNA_F

ClientSampleId :

PB129254BL

Tot Ion:244 Resp: 1958597

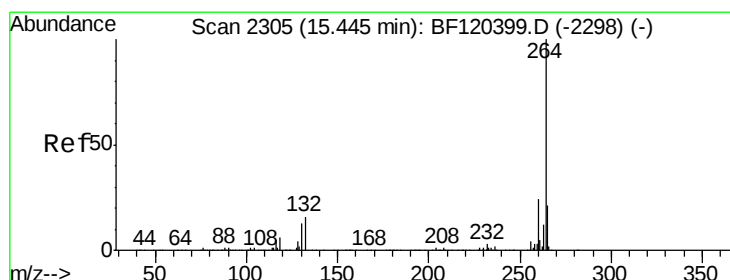
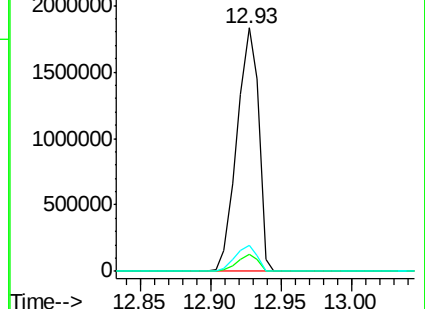
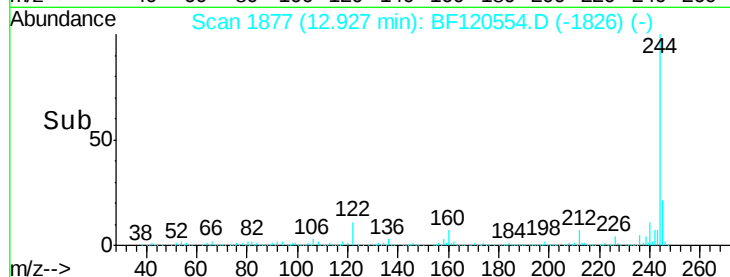
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.3	7.9
122	10.8	8.4	12.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2302

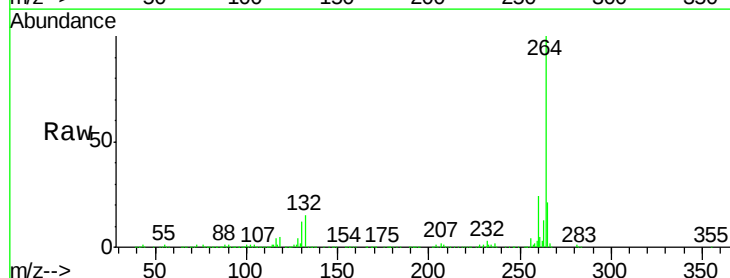
Delta R.T. -0.00 min

Lab File: BF120554.D

Acq: 5 Jun 2020 12:16

Tgt Ion:264 Resp: 457044

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.5	17.2	25.8



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

