

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120530.D
 Acq On : 4 Jun 2020 13:36
 Operator : JU/CG
 Sample : PB129254BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Quant Time: Jun 04 14:58:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	168134	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	698827	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	271018	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	766986	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	609120	20.00	ng	-0.02
86) Perylene-d12	15.45	264	627996	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1342437	152.16	ng	0.00
7) Phenol-d6	6.46	99	1713367	157.56	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1169900	109.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	592909	236.12	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2053521	128.56	ng	-0.01
79) Terphenyl-d14	12.94	244	2543206	92.91	ng	0.00

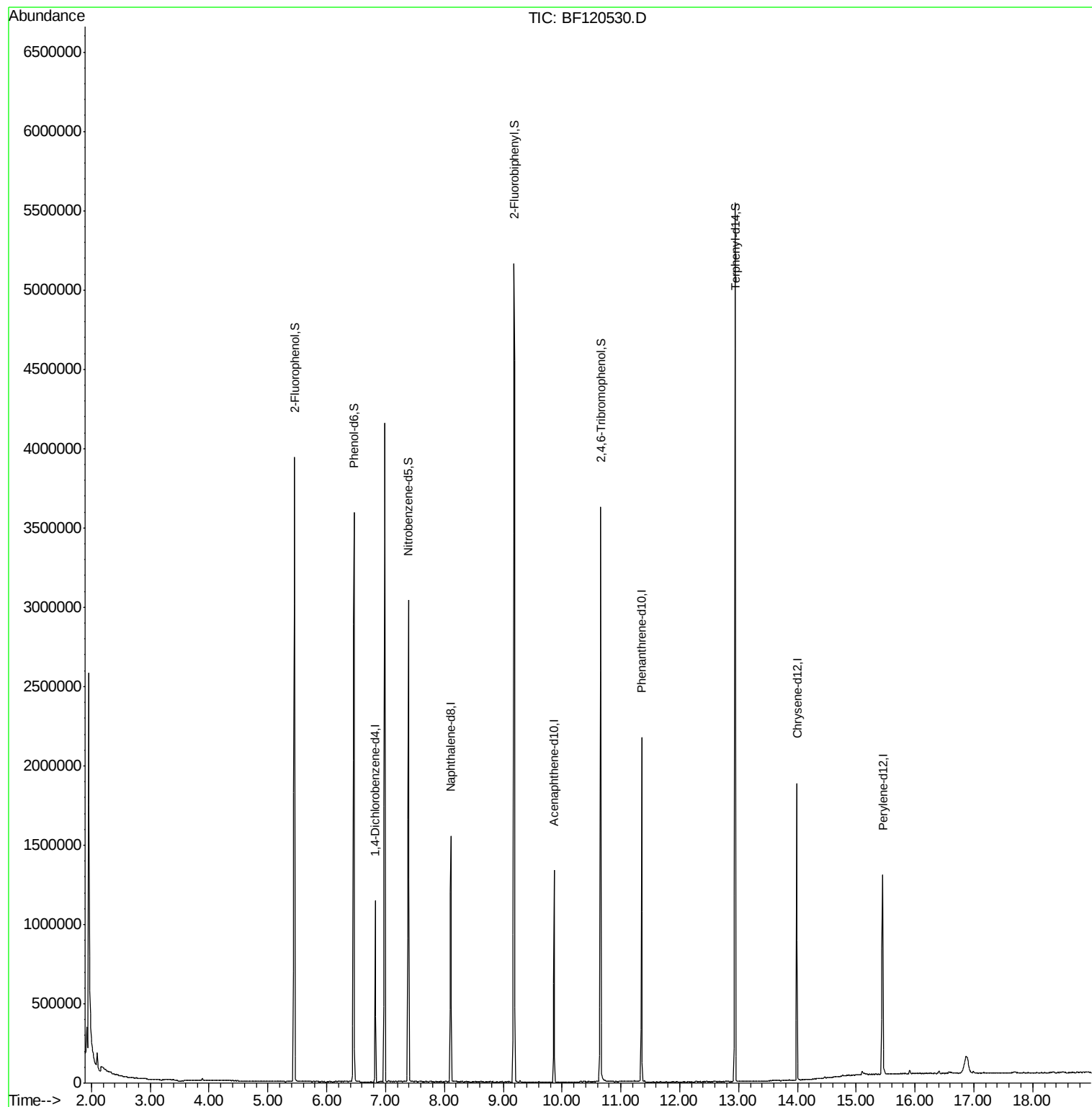
Target Compounds Qvalue

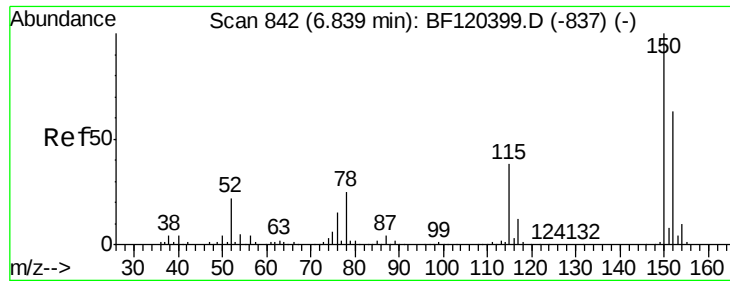
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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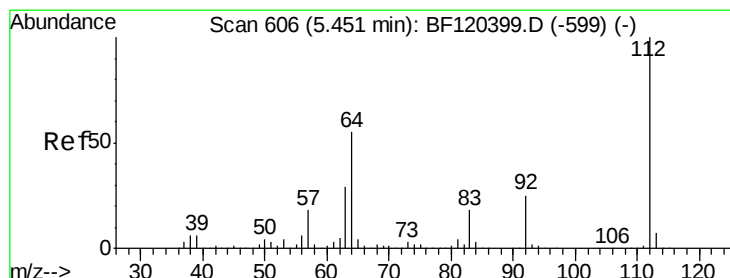
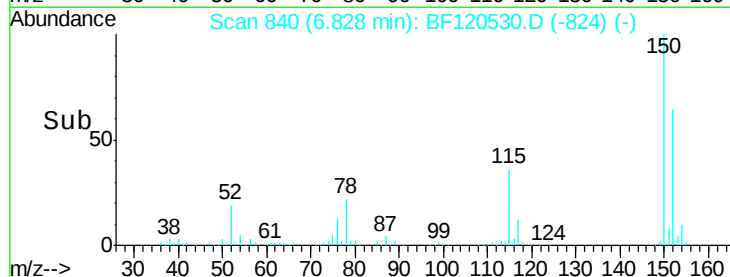
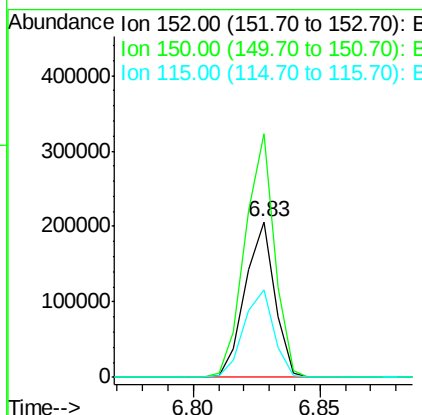
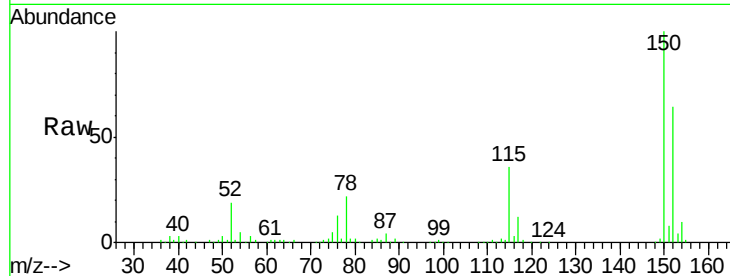


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Instrument :
BNA_F
ClientSampleId :
PB129254BL

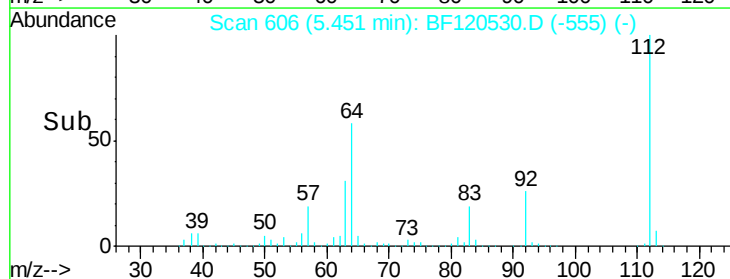
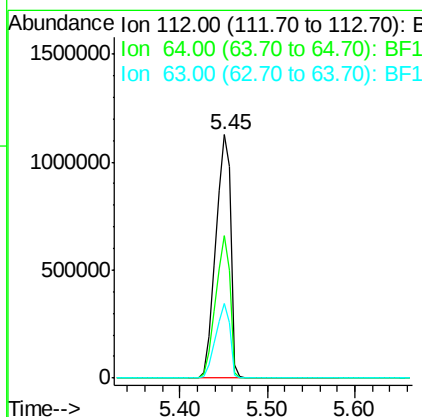
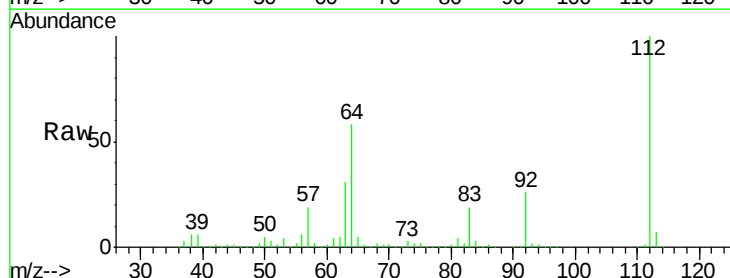
Tot Ion:152 Resp: 168134
Ion Ratio Lower Upper
152 100
150 156.5 127.1 190.7
115 56.3 48.7 73.1



#5

2-Fluorophenol
Concen: 152.161 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Tgt Ion:112 Resp: 1342437
Ion Ratio Lower Upper
112 100
64 58.4 45.8 68.8
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 157.561 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

Instrument :

BNA_F

ClientSampleId :

PB129254BL

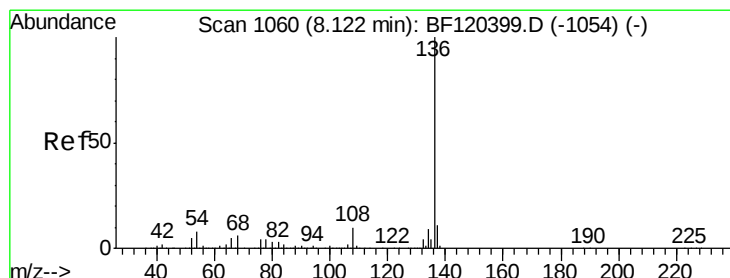
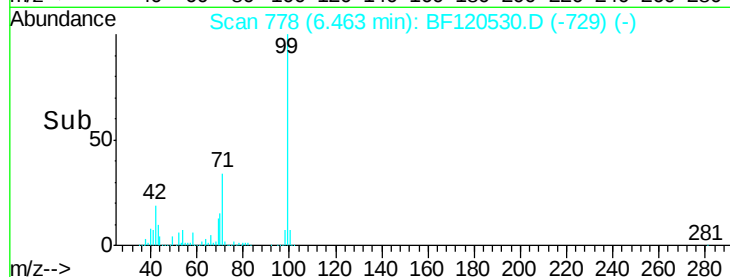
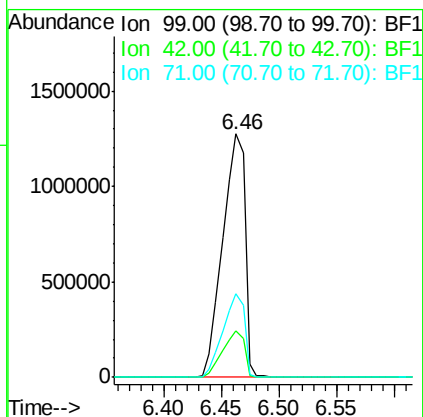
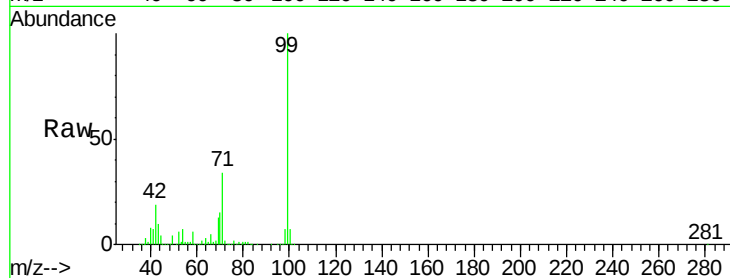
Tot Ion: 99 Resp: 1713367

Ion Ratio Lower Upper

99 100

42 19.1 15.0 22.4

71 34.4 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

Tgt Ion: 136 Resp: 698827

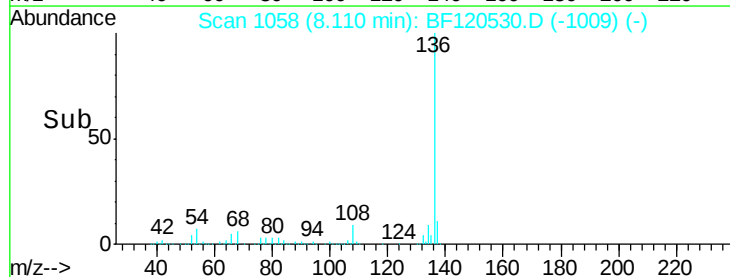
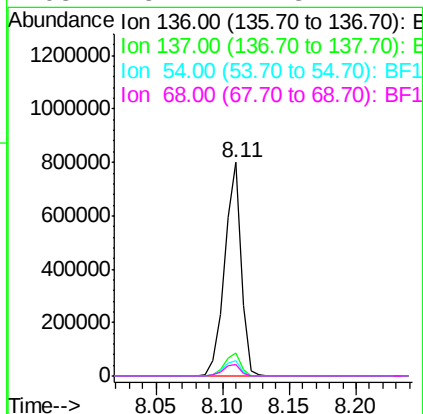
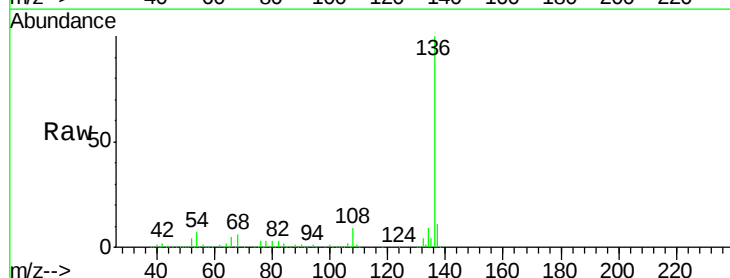
Ion Ratio Lower Upper

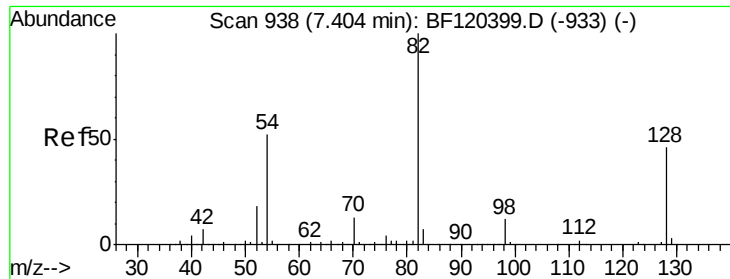
136 100

137 11.0 9.0 13.4

54 7.2 6.0 9.0

68 5.7 4.8 7.2

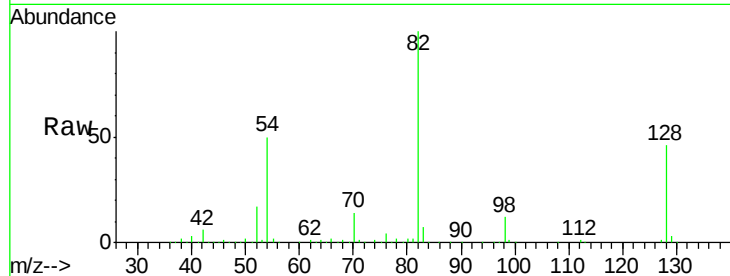




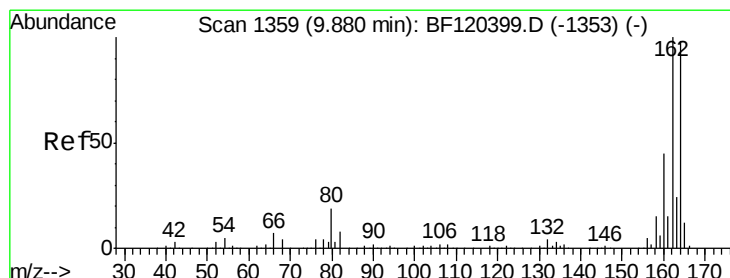
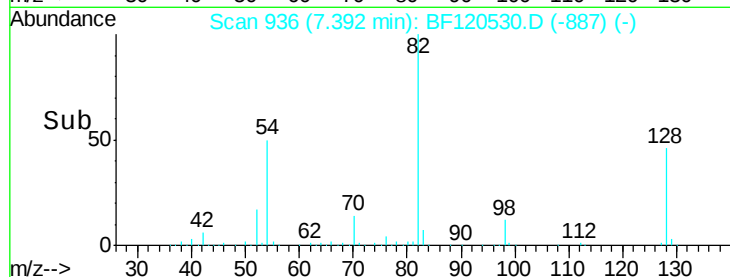
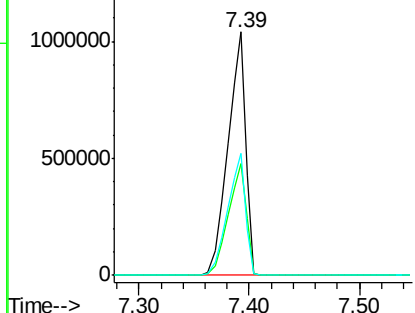
#23
 Nitrobenzene-d5
 Concen: 109.508 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Tot Ion: 82 Resp: 1169900
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.4 56.0
 54 50.3 40.7 61.1

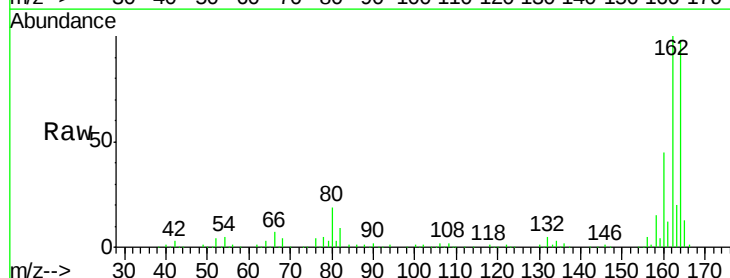


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

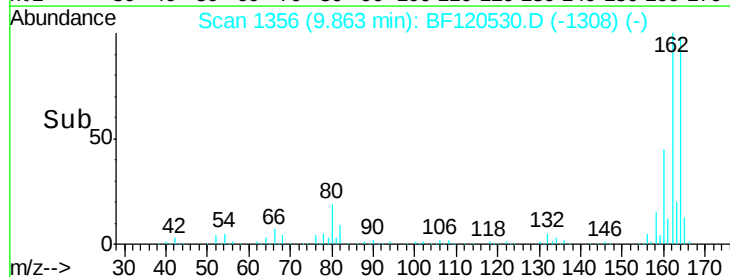
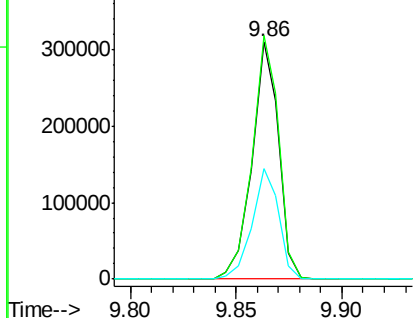


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Tgt Ion:164 Resp: 271018
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.8 122.6
 160 46.2 37.3 55.9



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

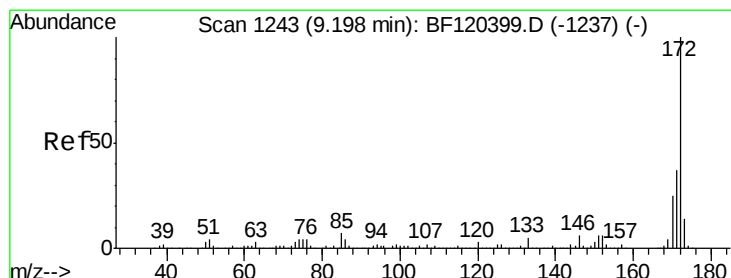
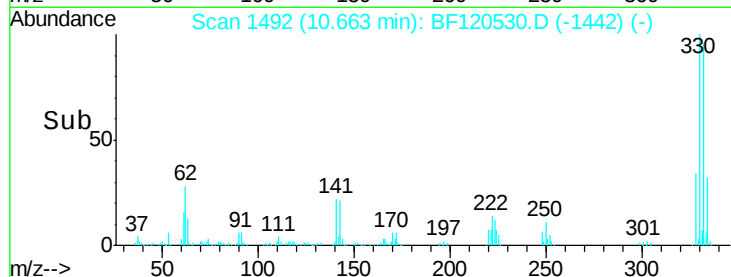
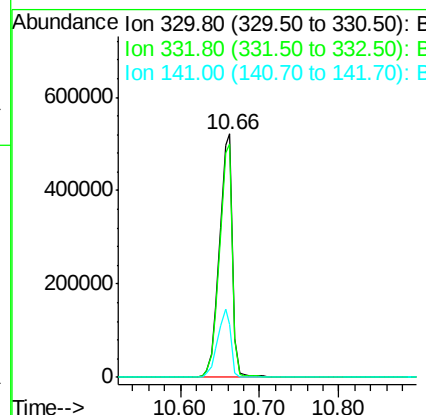
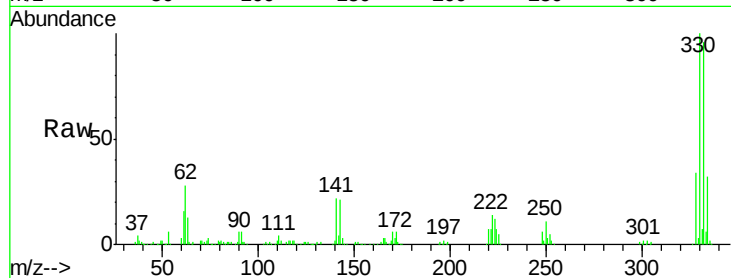




#42
 2,4,6-Tribromophenol
 Concen: 236.115 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

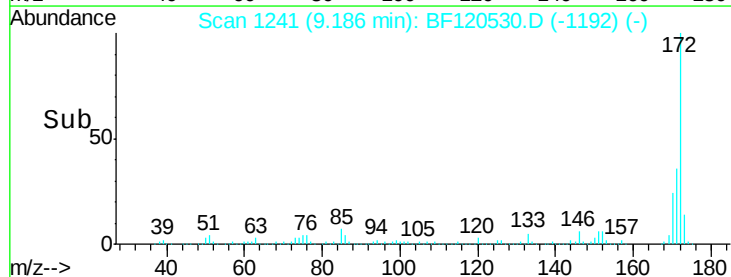
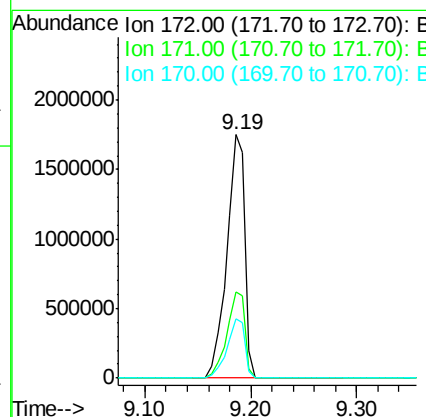
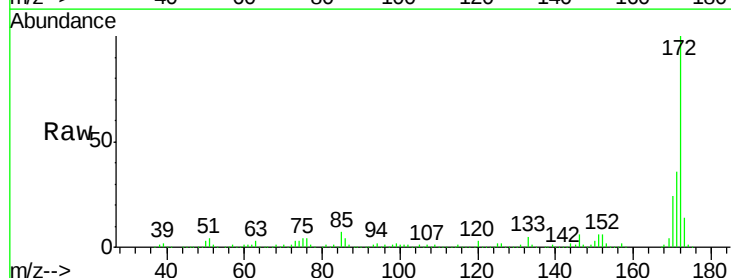
Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

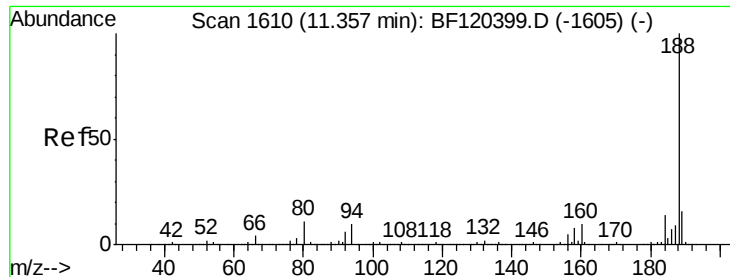
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	28.8	23.5	35.3



#45
 2-Fluorobiphenyl
 Concen: 128.560 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.5	20.1	30.1

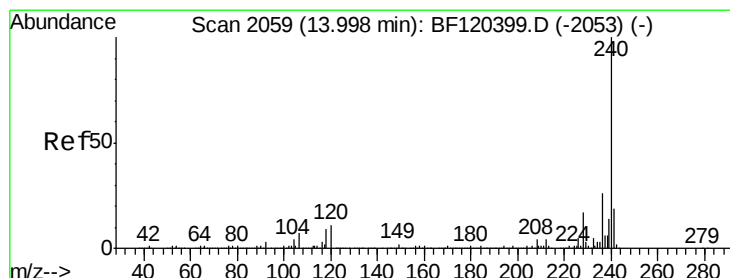
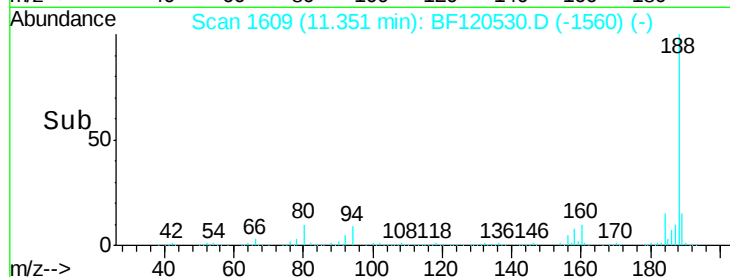
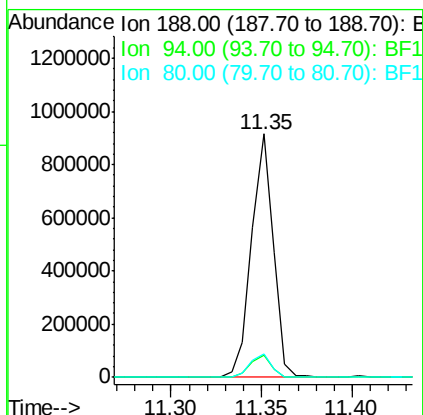
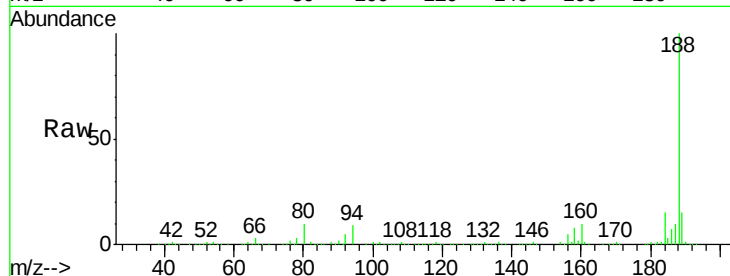




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

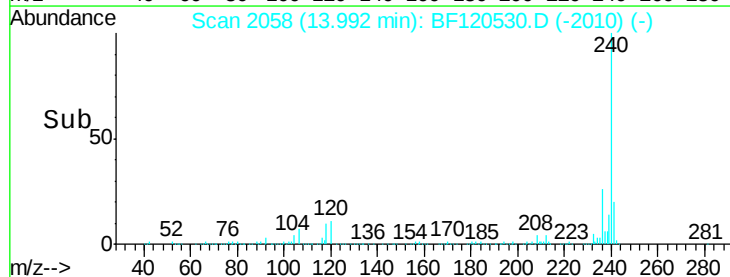
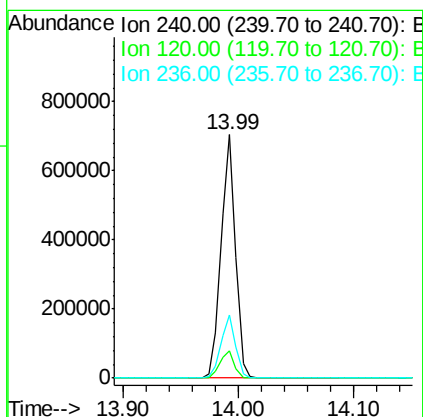
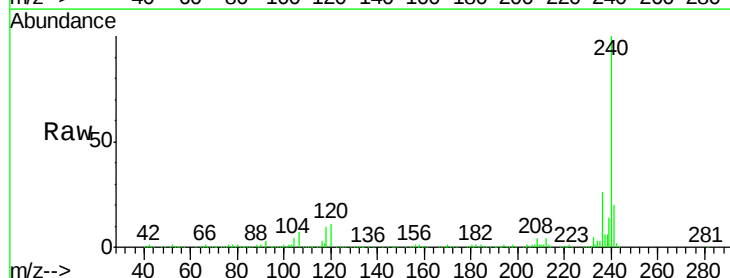
Instrument :
BNA_F
ClientSampleId :
PB129254BL

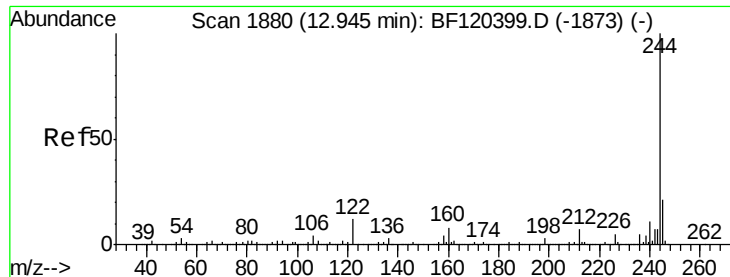
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.8	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.9	11.9
236	25.9	21.1	31.7





#79

Terphenyl-d14

Concen: 92.908 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

Instrument :

BNA_F

ClientSampleId :

PB129254BL

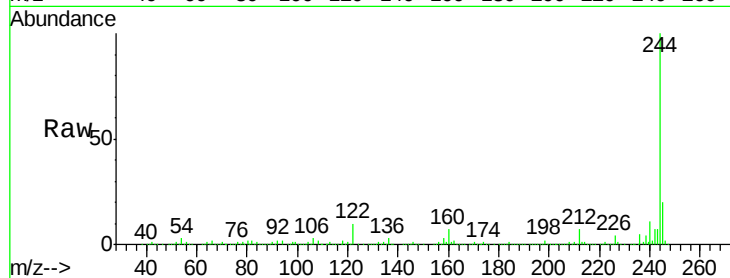
Tot Ion:244 Resp: 2543206

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.3	8.2	12.4

244 100

212 6.9 5.8 8.8

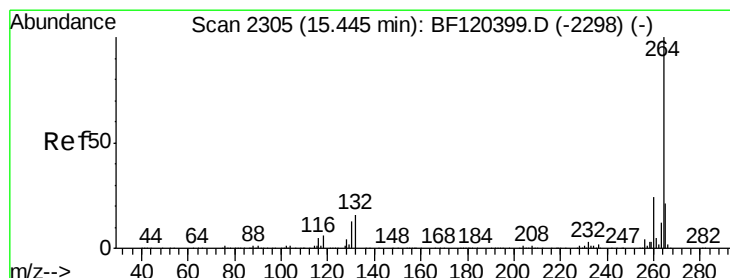
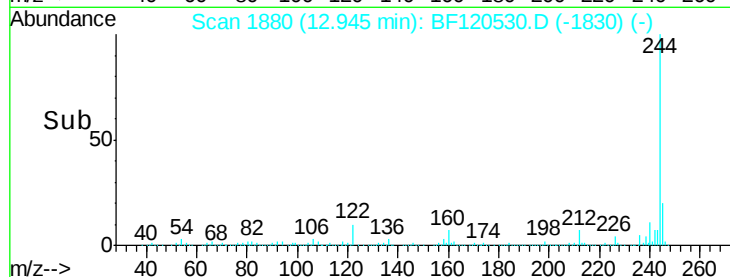
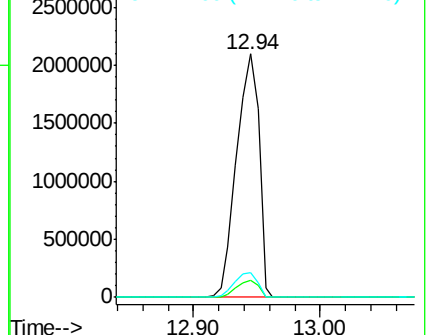
122 10.3 8.2 12.4



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: 15.45 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

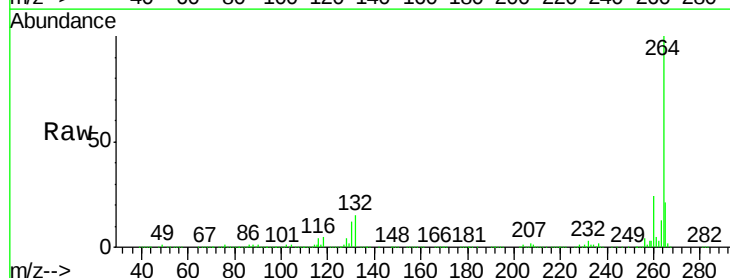
Tgt Ion:264 Resp: 627996

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.3	17.5	26.3

264 100

260 23.8 19.8 29.8

265 21.3 17.5 26.3



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

