

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120927.D
 Acq On : 20 Jul 2020 9:57
 Operator : JU/CG
 Sample : PB130275BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BL

Quant Time: Jul 20 11:39:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	227353	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	868982	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	454202	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	879645	20.00	ng	0.00
76) Chrysene-d12	13.97	240	777708	20.00	ng	0.00
86) Perylene-d12	15.42	264	785924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1414157	101.97	ng	0.02
7) Phenol-d6	6.45	99	1720193	96.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	1101567	73.35	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	519201	104.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1938980	63.74	ng	0.00
79) Terphenyl-d14	12.93	244	1971371	55.10	ng	0.00

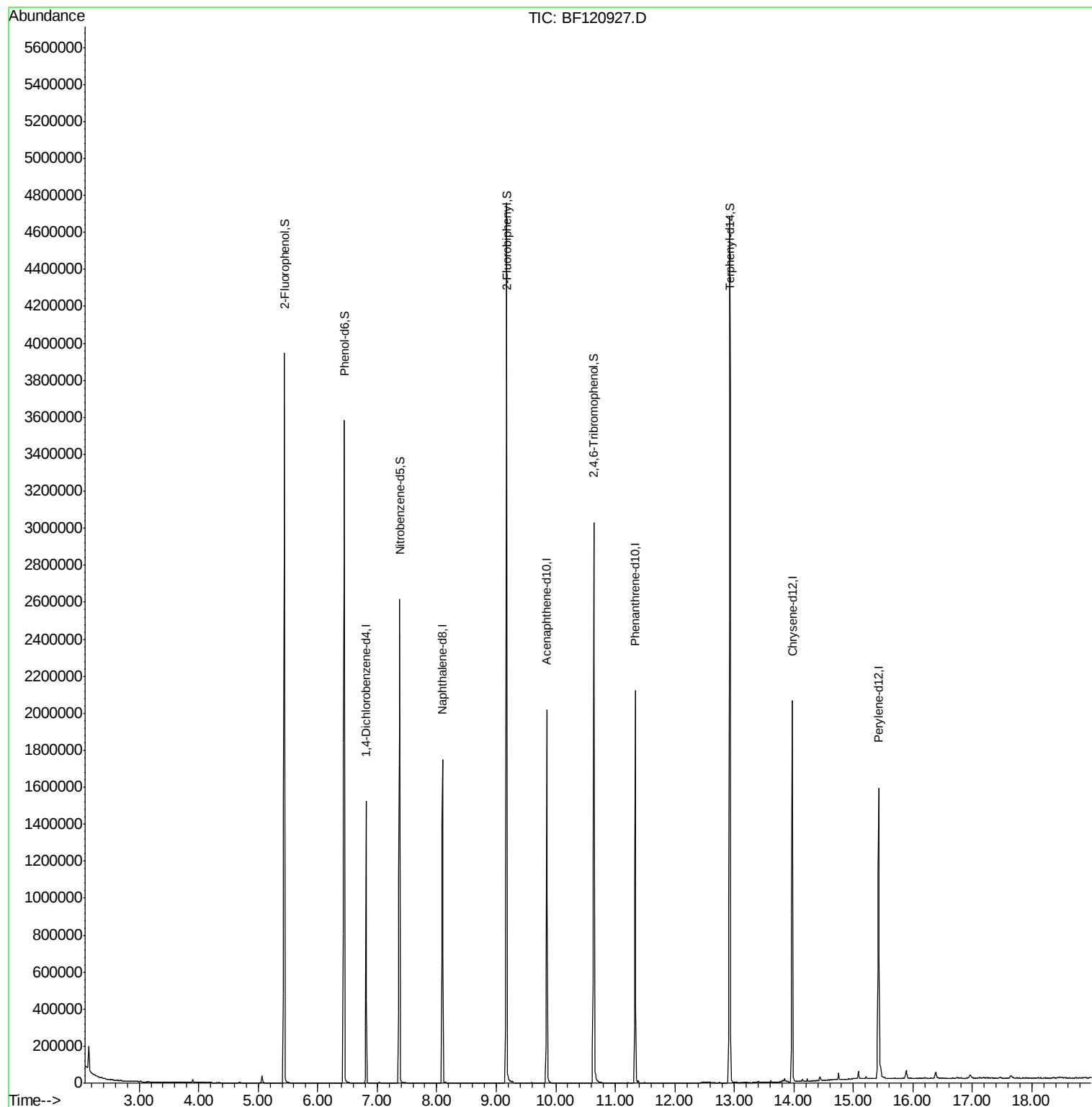
Target Compounds Qvalue

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

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Quant Time: Jul 20 11:39:13 2020
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QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



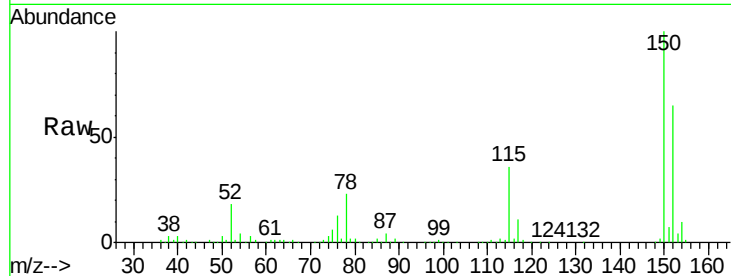


#1

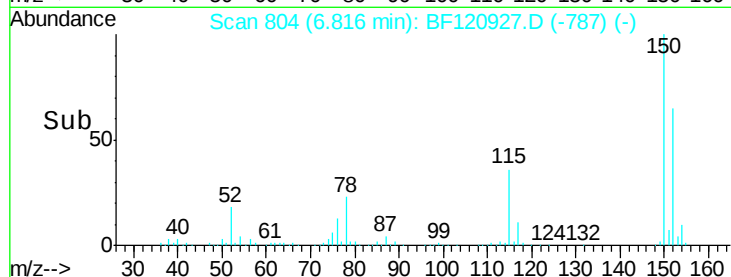
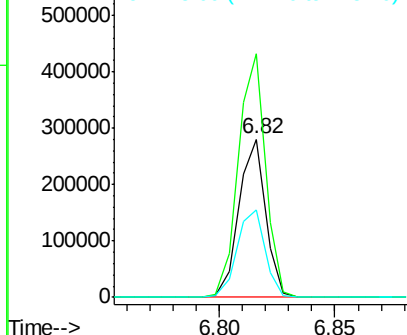
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120927.D
Acq: 20 Jul 2020 9:57

Instrument :
BNA_F
ClientSampleId :
PB130275BL

Tot Ion:152 Resp: 227353
Ion Ratio Lower Upper
152 100
150 154.0 125.0 187.6
115 55.4 47.0 70.4



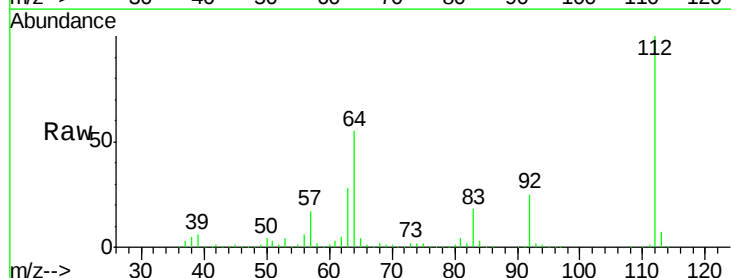
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



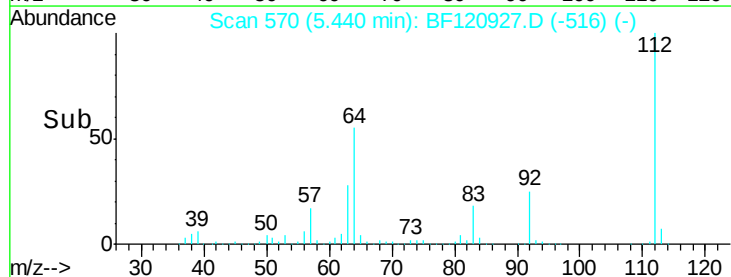
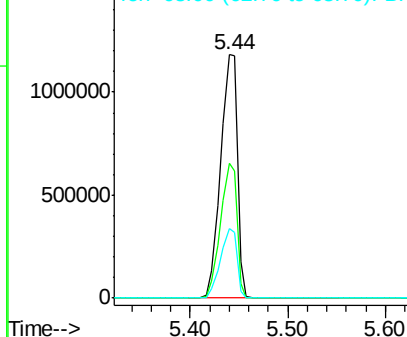
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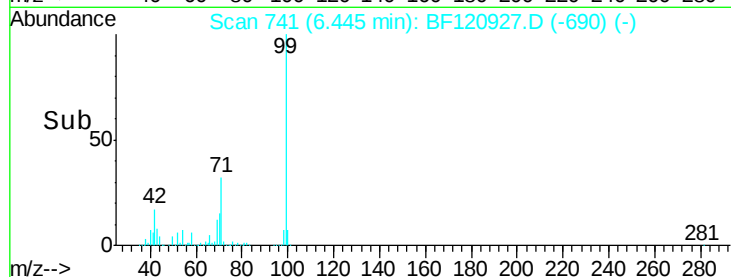
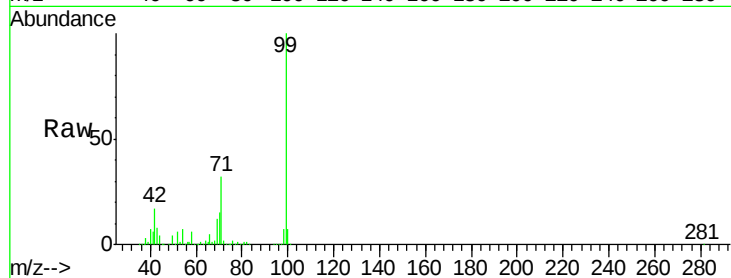
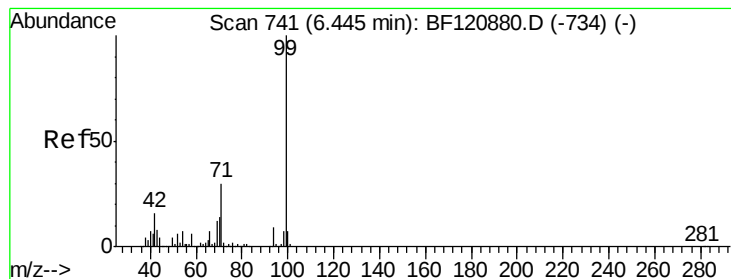
2-Fluorophenol
Concen: 101.970 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120927.D
Acq: 20 Jul 2020 9:57

Tgt Ion:112 Resp: 1414157
Ion Ratio Lower Upper
112 100
64 55.4 41.3 61.9
63 28.3 21.1 31.7



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: 96.022 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

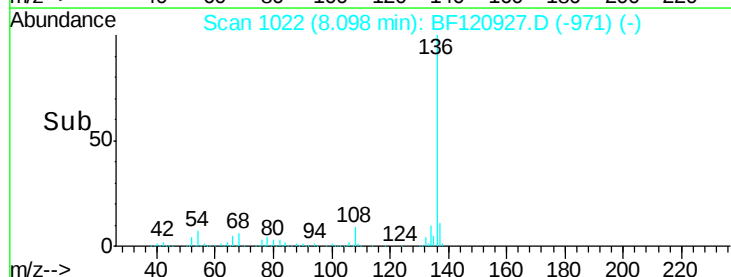
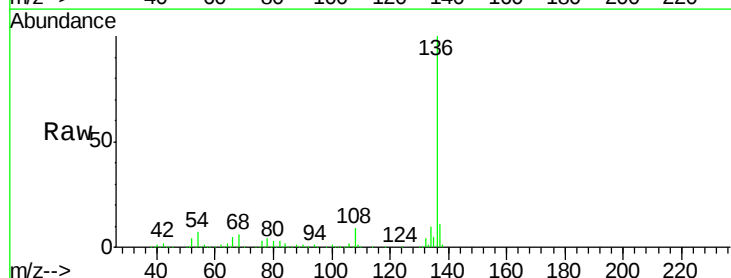
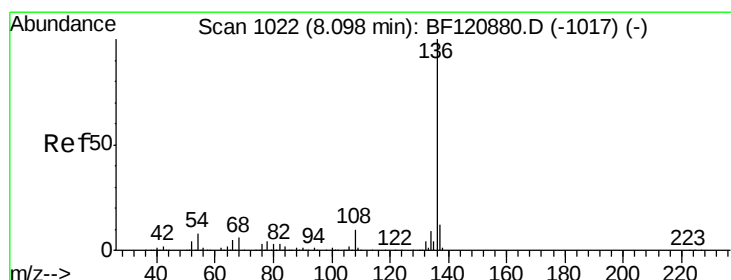
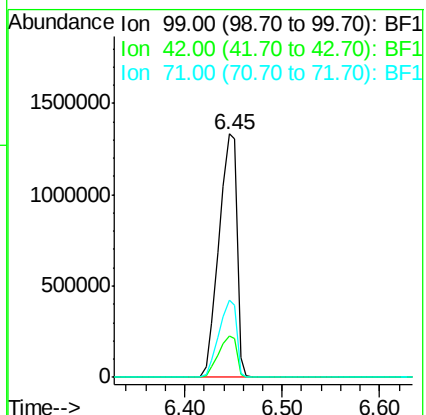
Tot Ion: 99 Resp: 1720193

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Tgt Ion: 136 Resp: 868982

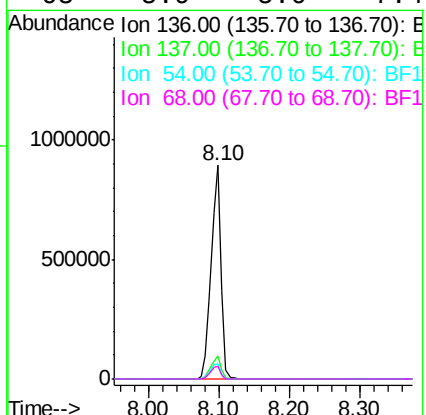
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.9 6.3 9.5

68 5.9 5.0 7.4



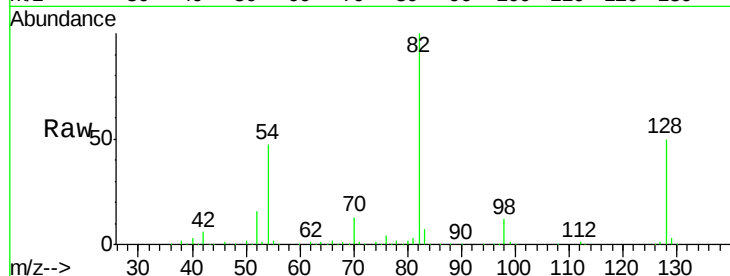


#23
 Nitrobenzene-d5
 Concen: 73.350 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

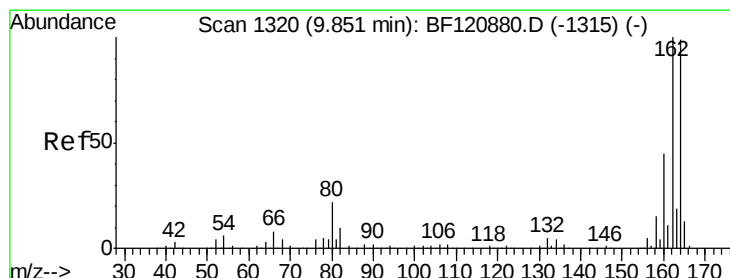
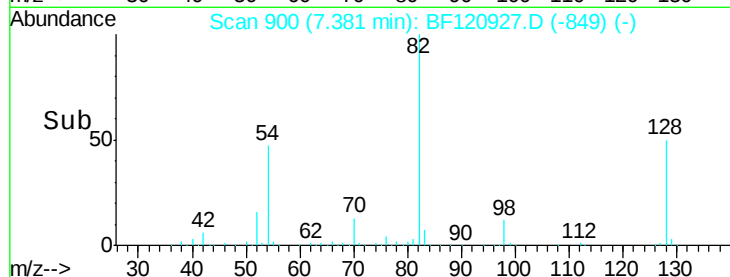
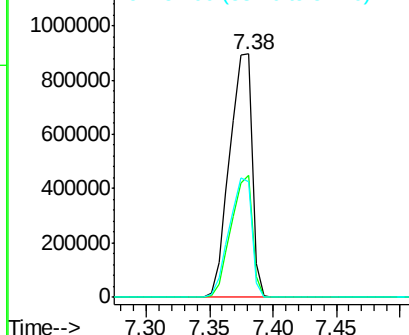
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BL

Tot Ion: 82 Resp: 1101567

Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.2	57.4
54	47.3	38.7	58.1



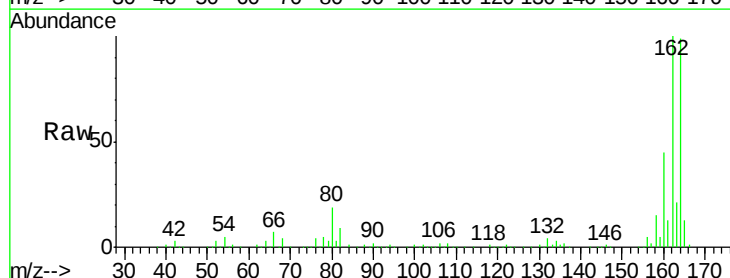
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



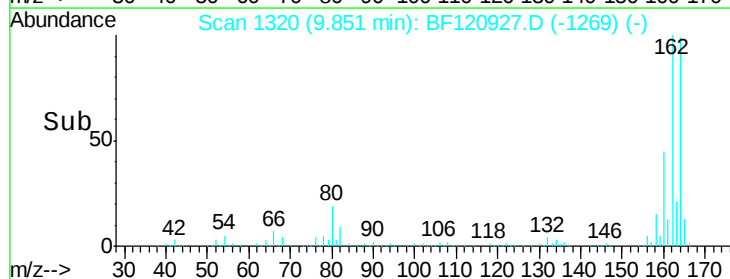
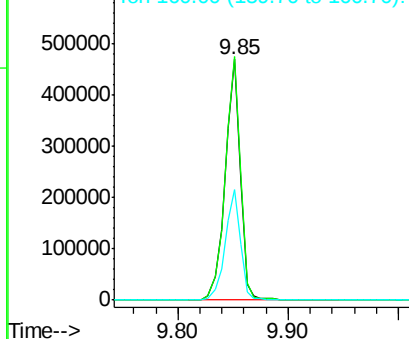
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

Tgt Ion:164 Resp: 454202

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
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

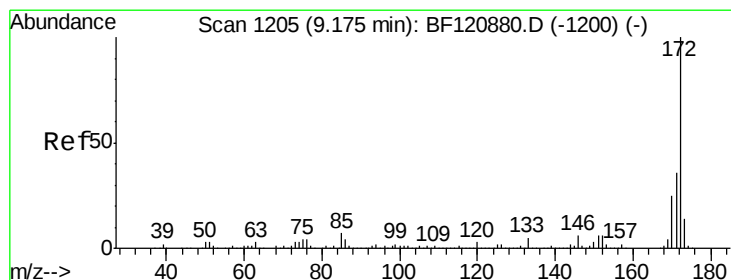
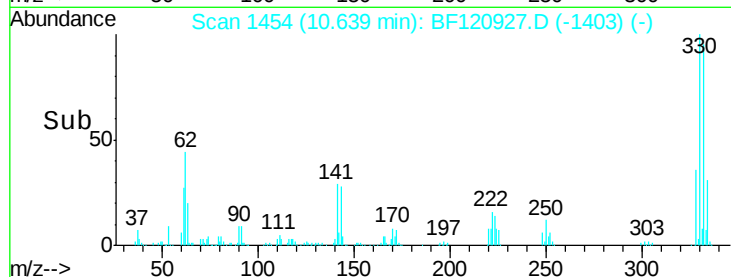
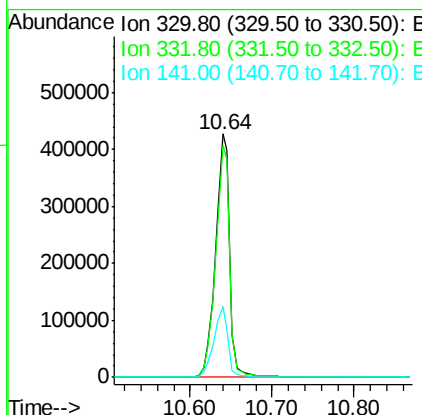
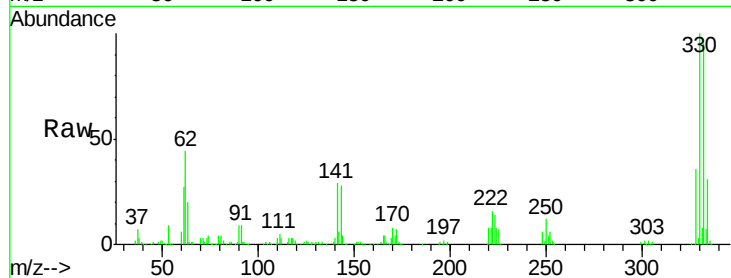




#42
 2,4,6-Tribromophenol
 Concen: 104.431 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

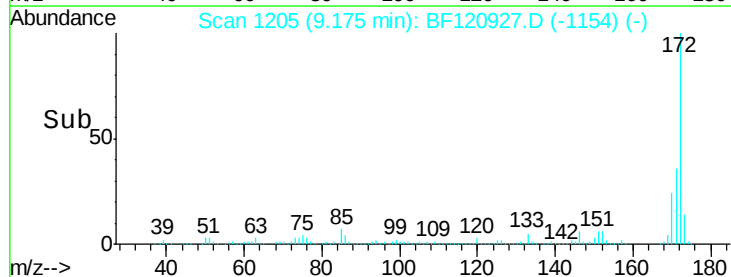
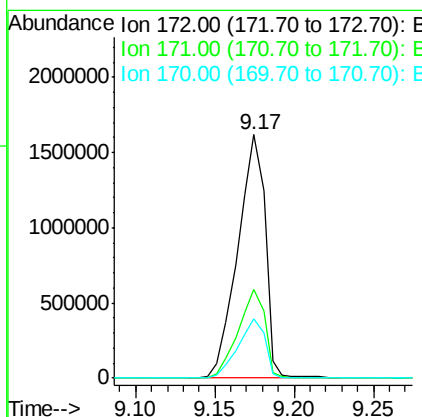
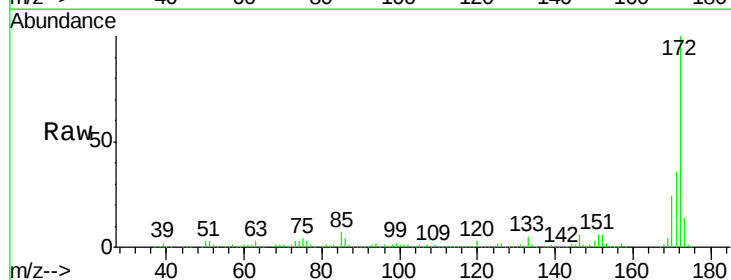
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BL

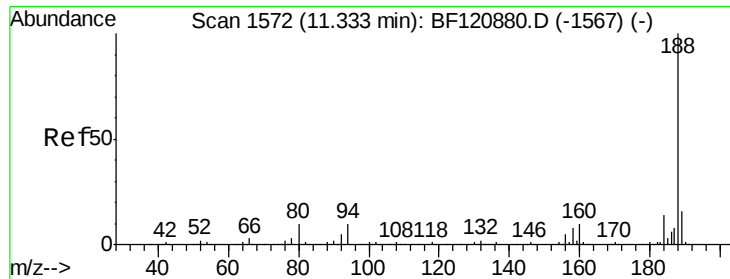
Tot Ion:330 Resp: 519201
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.5 113.3
 141 29.1 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 63.738 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

Tgt Ion:172 Resp: 1938980
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.4 19.6 29.4

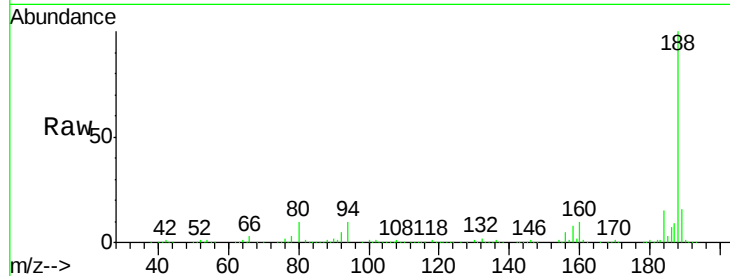




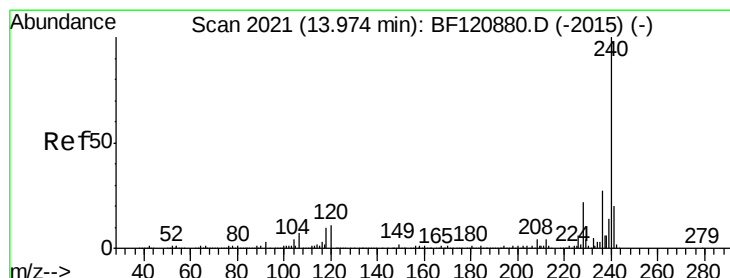
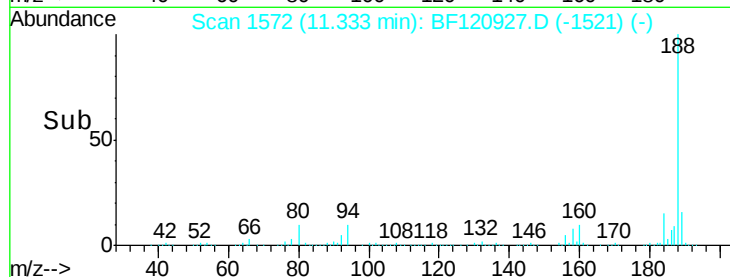
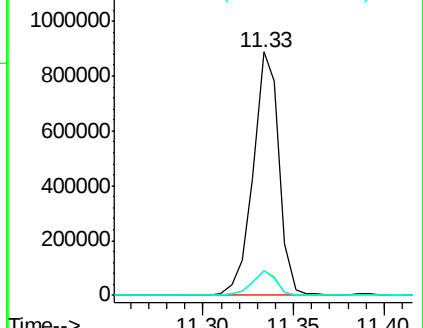
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120927.D
Acq: 20 Jul 2020 9:57

Instrument :
BNA_F
ClientSampleId :
PB130275BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.3	8.3	12.5

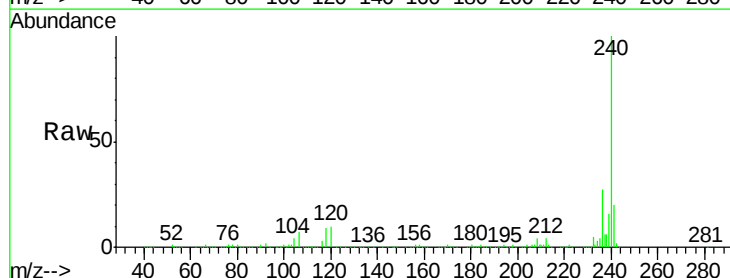


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

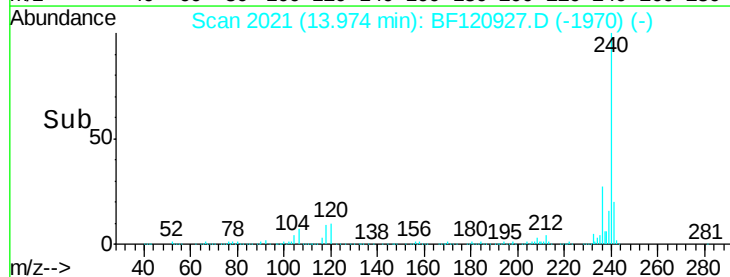
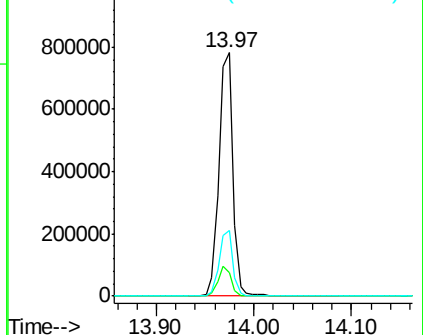


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120927.D
Acq: 20 Jul 2020 9:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.4
236	26.9	21.7	32.5



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: 55.102 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

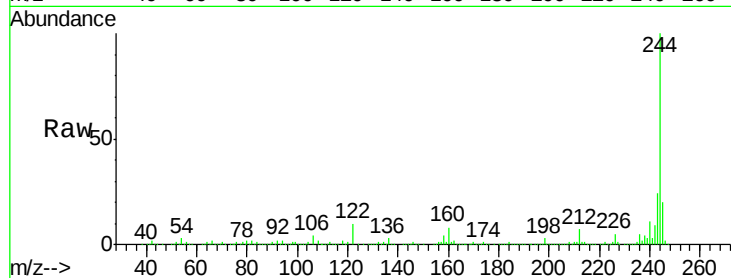
Tot Ion:244 Resp: 1971371

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

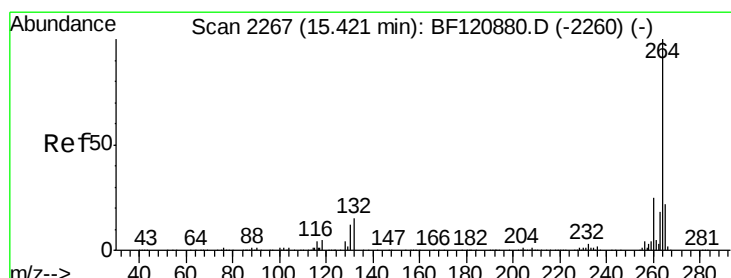
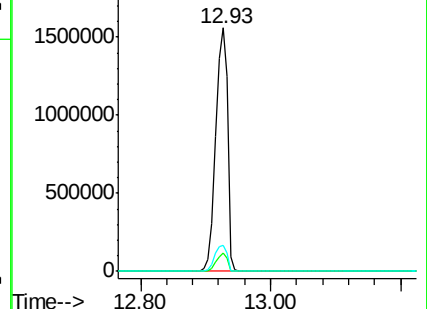
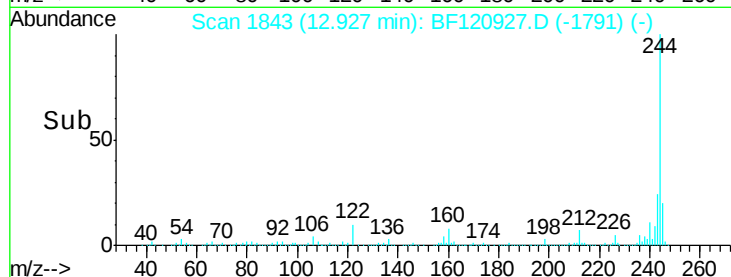
122 10.5 8.9 13.3



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: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

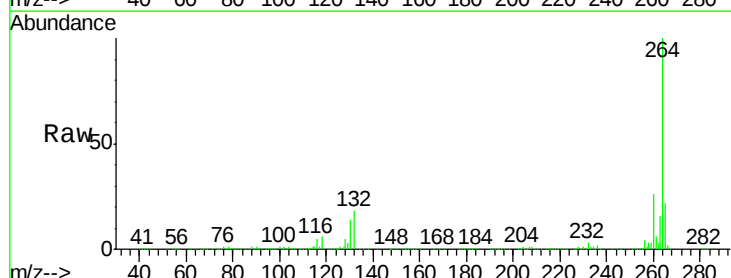
Tgt Ion:264 Resp: 785924

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 22.2 17.4 26.2



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

