

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121024.D
 Acq On : 27 Jul 2020 10:51
 Operator : JU/CG
 Sample : PB130459TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130459TB

Quant Time: Jul 27 11:42:17 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	158670	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	602116	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	306479	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	593374	20.00	ng	0.00
76) Chrysene-d12	13.97	240	456812	20.00	ng	0.00
86) Perylene-d12	15.42	264	420192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	994460	102.75	ng	0.01
7) Phenol-d6	6.45	99	1184558	94.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	746252	71.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	371157	110.64	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1470474	71.64	ng	0.00
79) Terphenyl-d14	12.92	244	1434490	68.26	ng	0.00

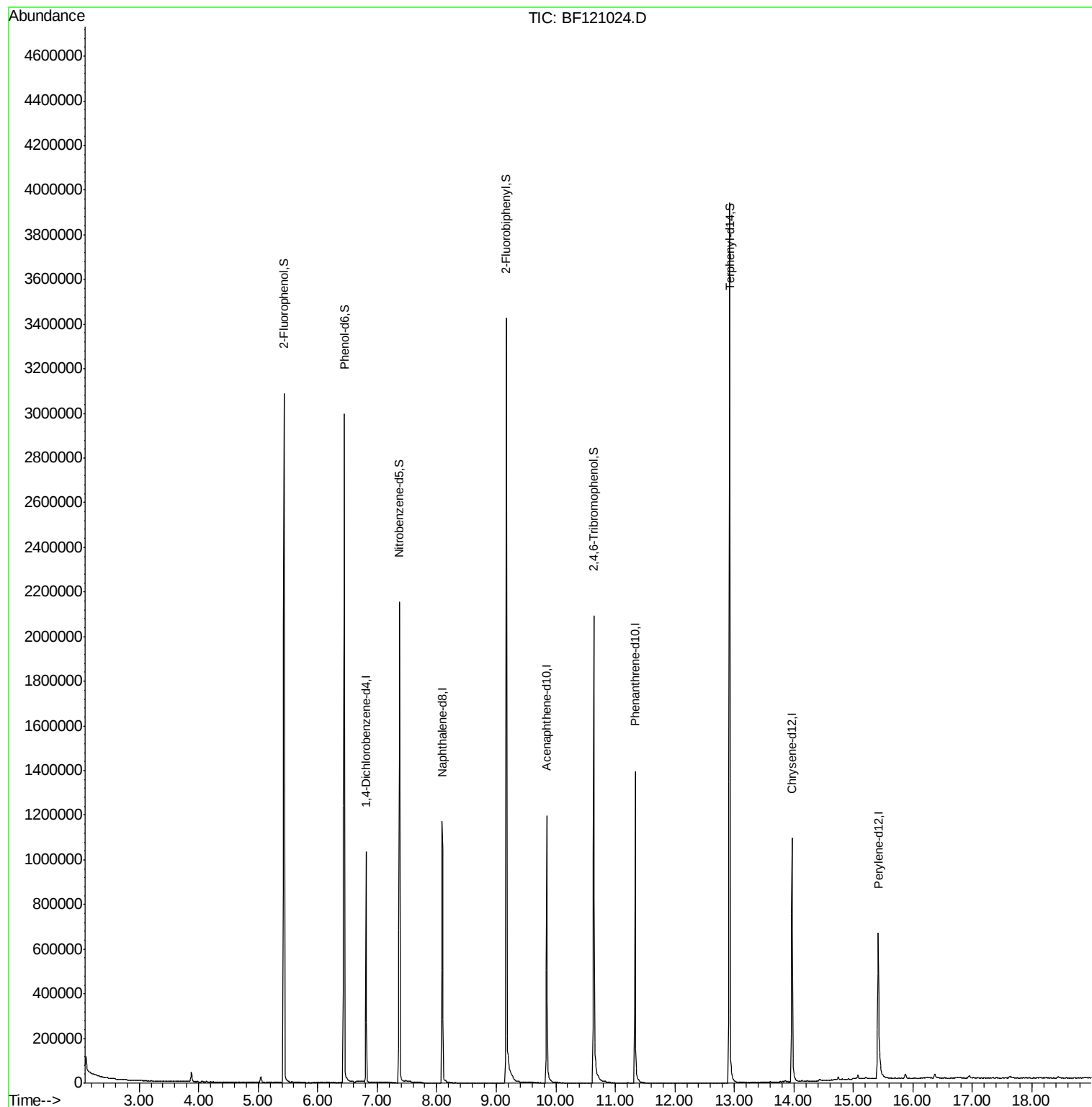
Target Compounds Qvalue

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

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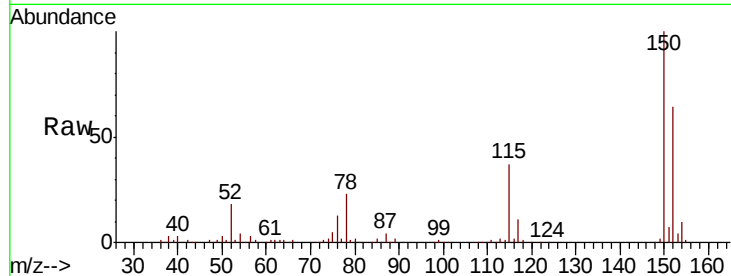




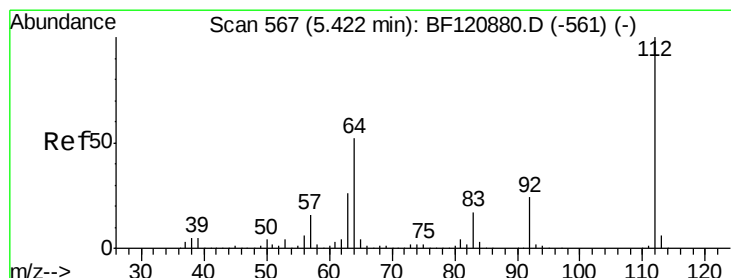
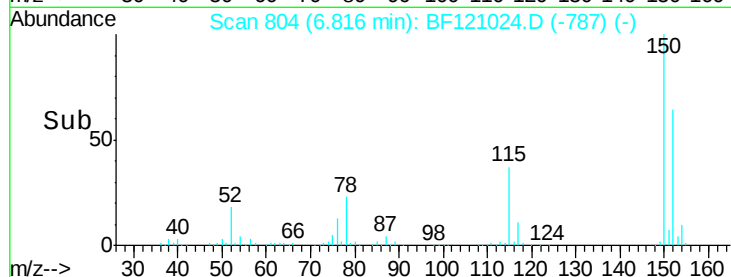
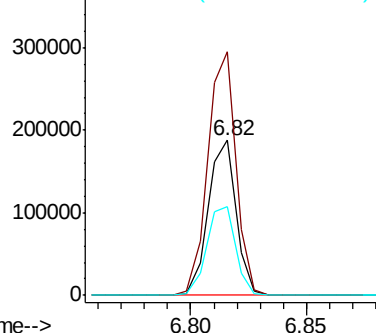
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121024.D
 Acq: 27 Jul 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130459TB

Tot Ion:152 Resp: 158670
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.0 187.6
 115 57.6 47.0 70.4

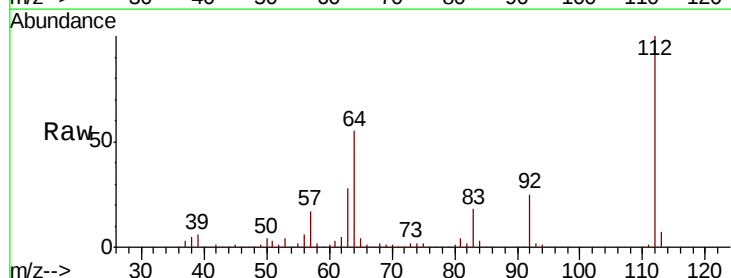


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

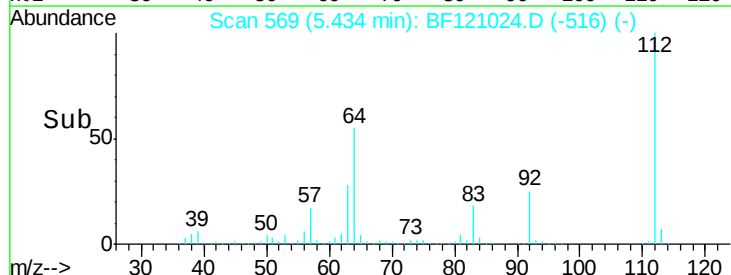
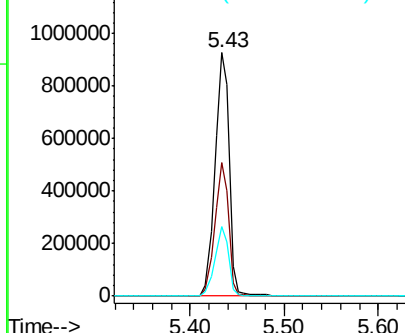


#5
 2-Fluorophenol
 Concen: 102.746 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF121024.D
 Acq: 27 Jul 2020 10:51

Tgt Ion:112 Resp: 994460
 Ion Ratio Lower Upper
 112 100
 64 55.0 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: 94.745 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121024.D

Acq: 27 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130459TB

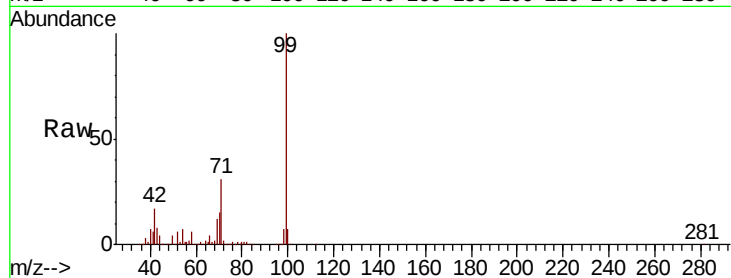
Tot Ion: 99 Resp: 1184558

Ion Ratio Lower Upper

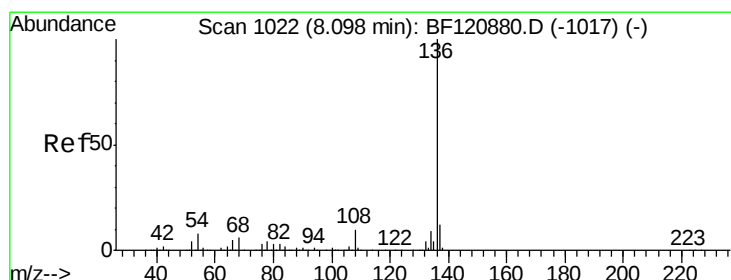
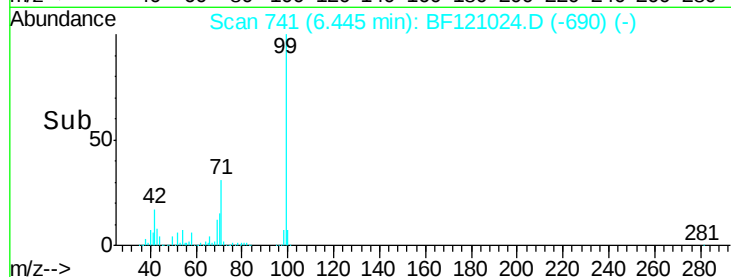
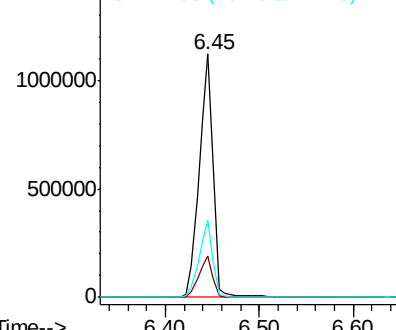
99 100

42 17.0 13.1 19.7

71 31.5 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121024.D

Acq: 27 Jul 2020 10:51

Tgt Ion: 136 Resp: 602116

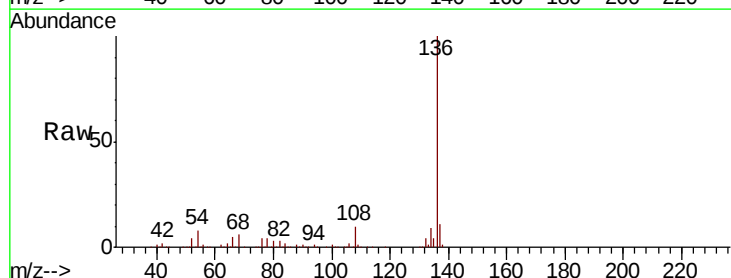
Ion Ratio Lower Upper

136 100

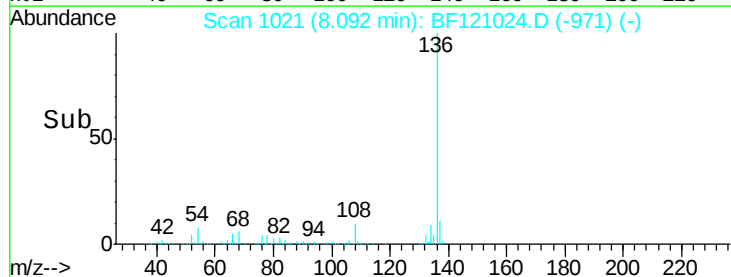
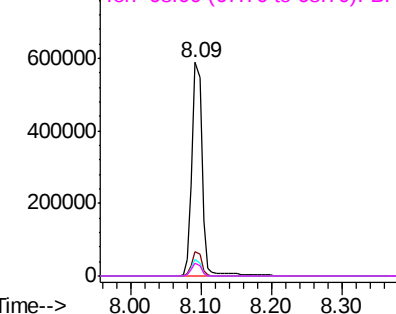
137 11.3 9.3 13.9

54 7.8 6.3 9.5

68 6.2 5.0 7.4



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

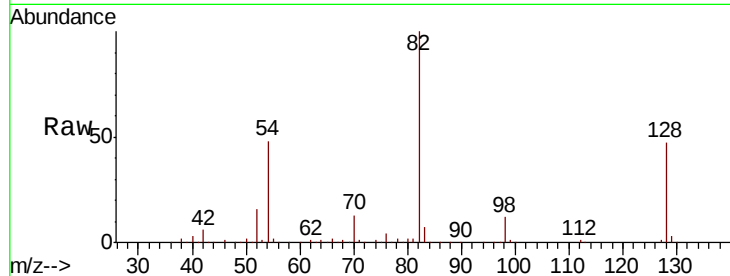




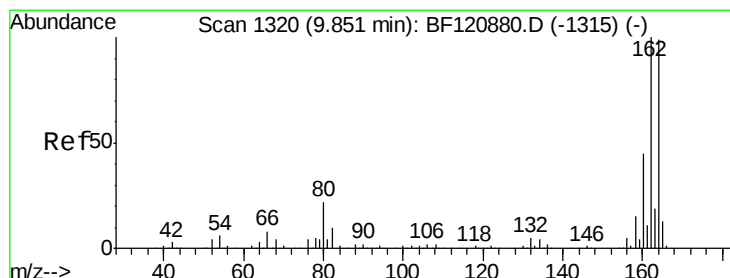
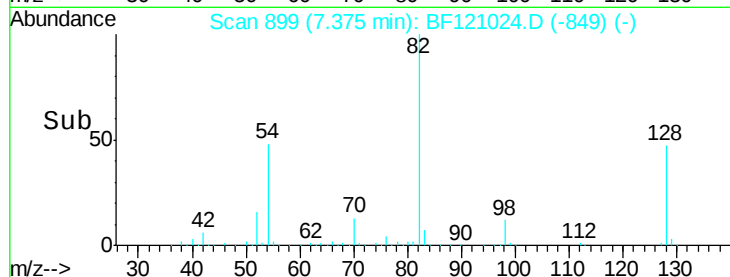
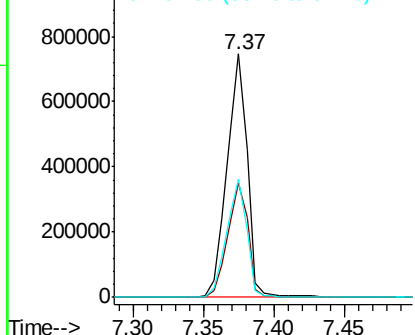
#23
 Nitrobenzene-d5
 Concen: 71.714 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121024.D
 Acq: 27 Jul 2020 10:51

Instrument :
 BNA_F
 ClientSampleID :
 PB130459TB

Tot Ion: 82 Resp: 746252
 Ion Ratio Lower Upper
 82 100
 128 47.1 38.2 57.4
 54 48.5 38.7 58.1

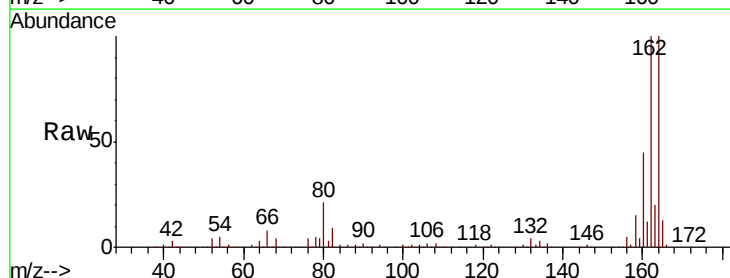


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

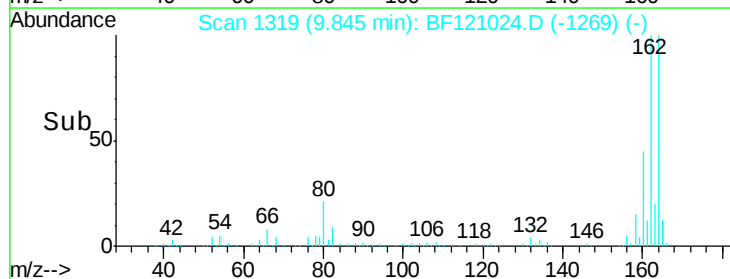
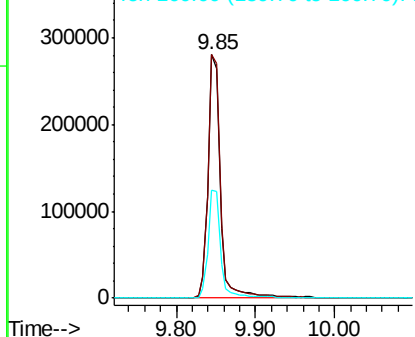


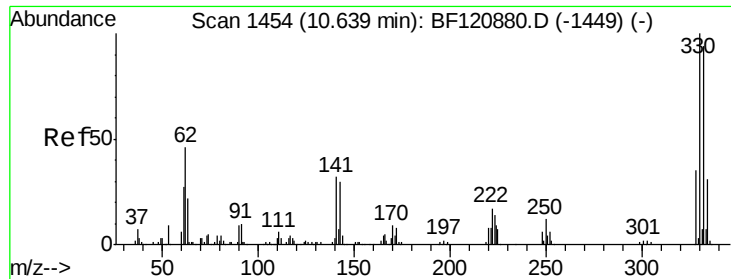
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121024.D
 Acq: 27 Jul 2020 10:51

Tgt Ion: 164 Resp: 306479
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.2 121.8
 160 44.6 36.9 55.3



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

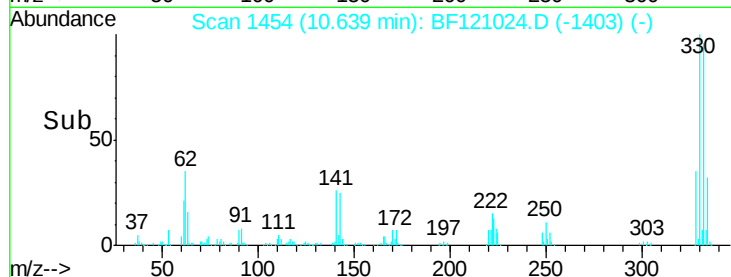
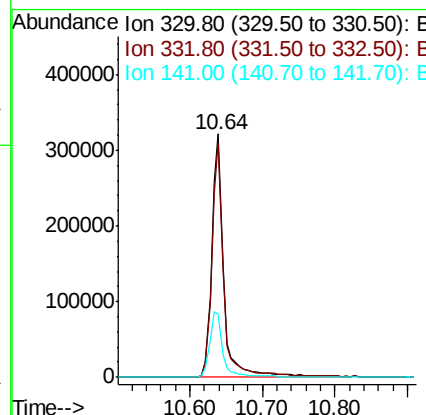
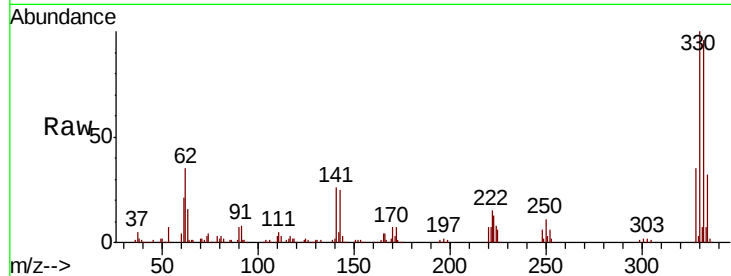




#42
 2,4,6-Tribromophenol
 Concen: 110.637 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121024.D
 Acq: 27 Jul 2020 10:51

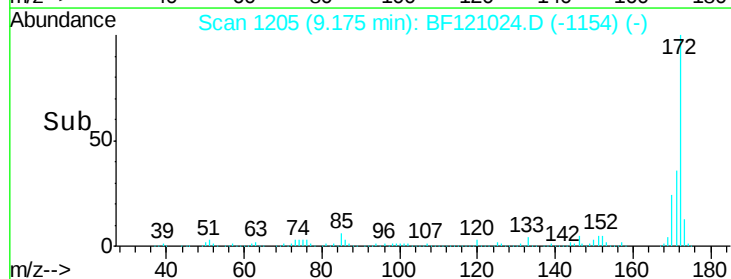
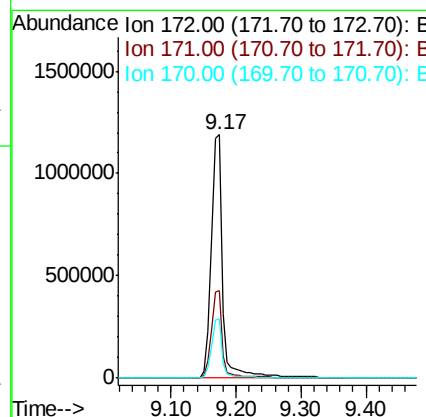
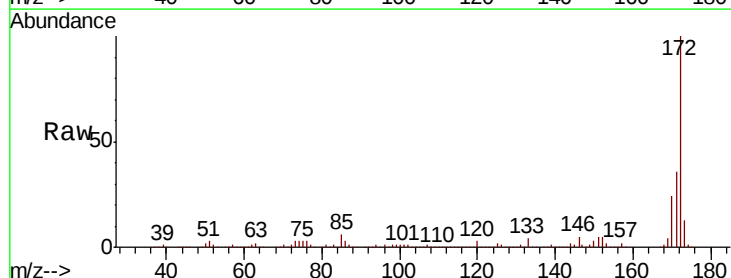
Instrument :
 BNA_F
 ClientSampleId :
 PB130459TB

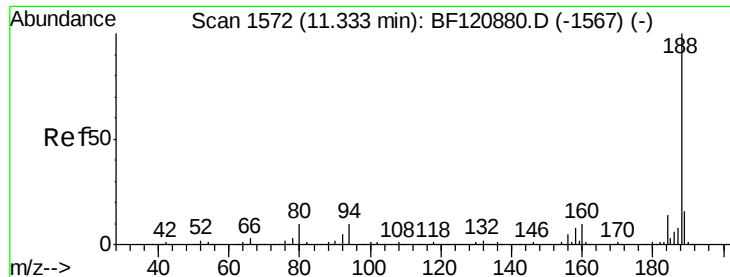
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.5	113.3
141	30.1	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 71.636 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121024.D
 Acq: 27 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	19.6	29.4

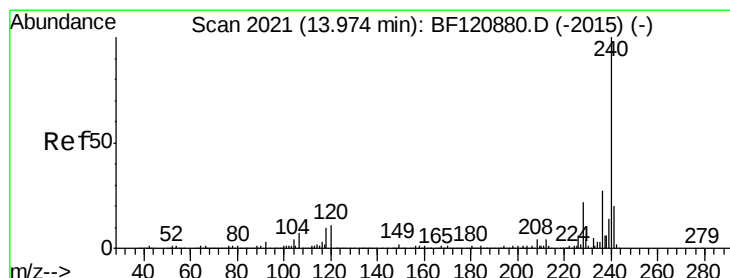
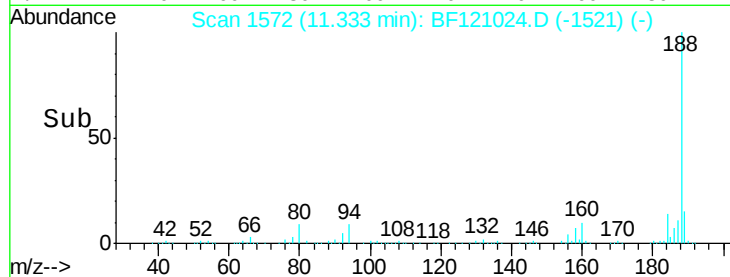
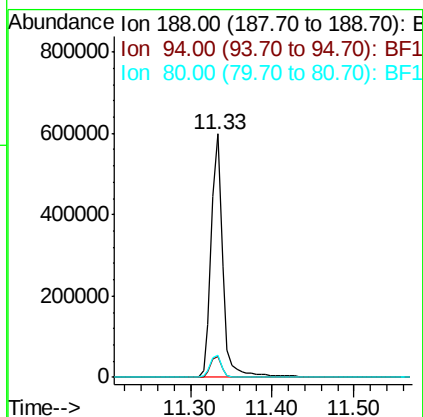
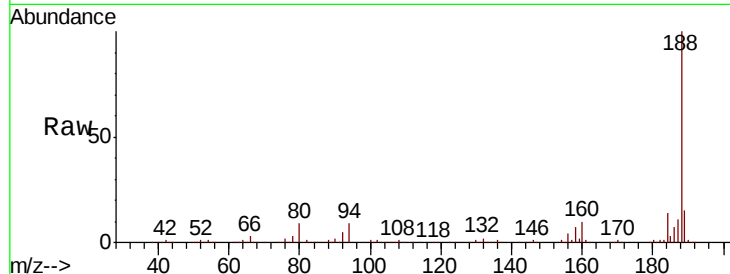




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121024.D
Acq: 27 Jul 2020 10:51

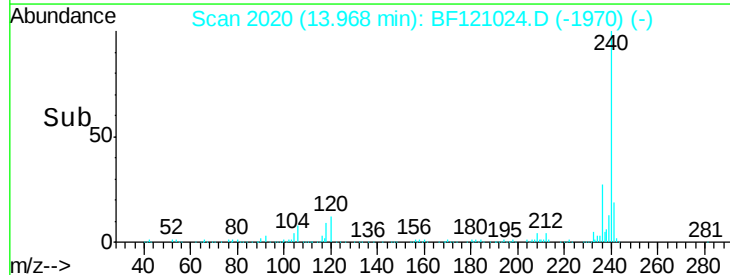
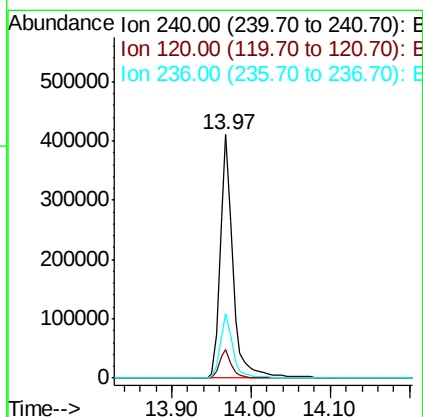
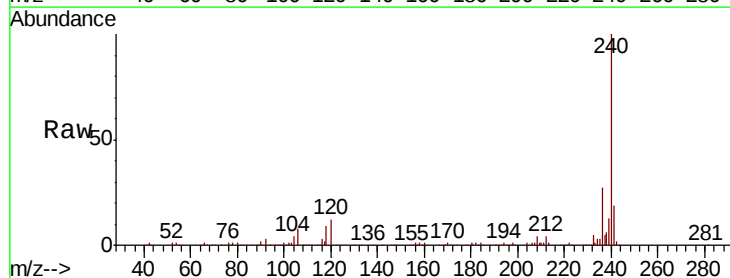
Instrument :
BNA_F
ClientSampleId :
PB130459TB

Tot Ion:188 Resp: 593374
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121024.D
Acq: 27 Jul 2020 10:51

Tgt Ion:240 Resp: 456812
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 26.7 21.7 32.5





#79

Terphenyl-d14

Concen: 68.262 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121024.D

Acq: 27 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130459TB

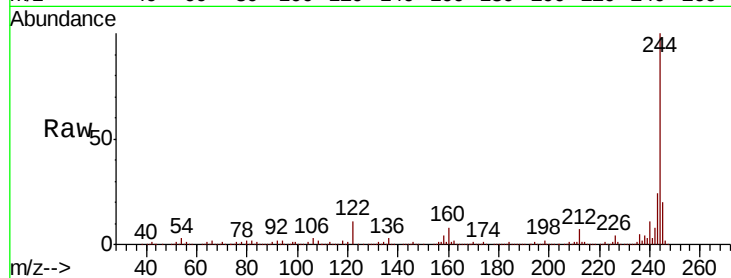
Tot Ion:244 Resp: 1434490

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

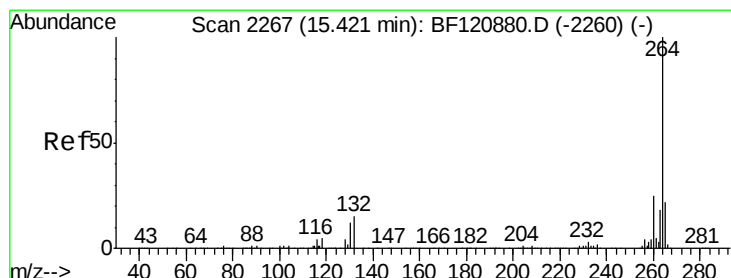
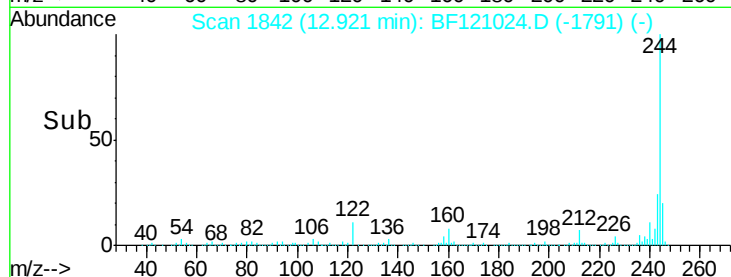
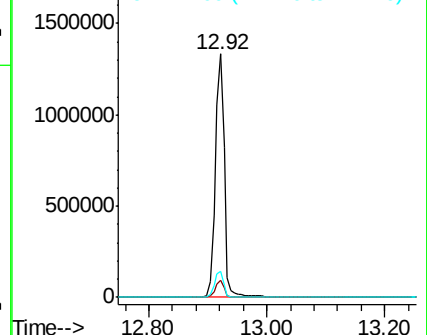
122 10.8 8.9 13.3



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# 2266

Delta R.T. -0.01 min

Lab File: BF121024.D

Acq: 27 Jul 2020 10:51

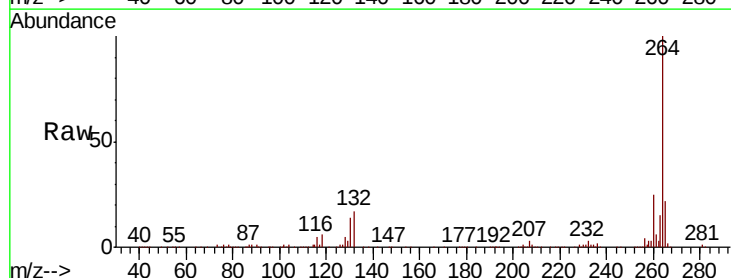
Tgt Ion:264 Resp: 420192

Ion Ratio Lower Upper

264 100

260 24.9 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

