

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121359.D
 Acq On : 21 Aug 2020 10:04
 Operator : JU/CG
 Sample : PB131076BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131076BL

Quant Time: Aug 21 13:18:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	148068	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	586501	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	301163	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	591440	20.00	ng	0.00
76) Chrysene-d12	13.85	240	498771	20.00	ng	0.00
86) Perylene-d12	15.26	264	479526	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	884280	97.93	ng	0.02
7) Phenol-d6	6.35	99	1069051	92.74	ng	0.00
23) Nitrobenzene-d5	7.26	82	726858	70.09	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	315807	89.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1276890	80.75	ng	0.00
79) Terphenyl-d14	12.80	244	1332749	52.22	ng	0.00

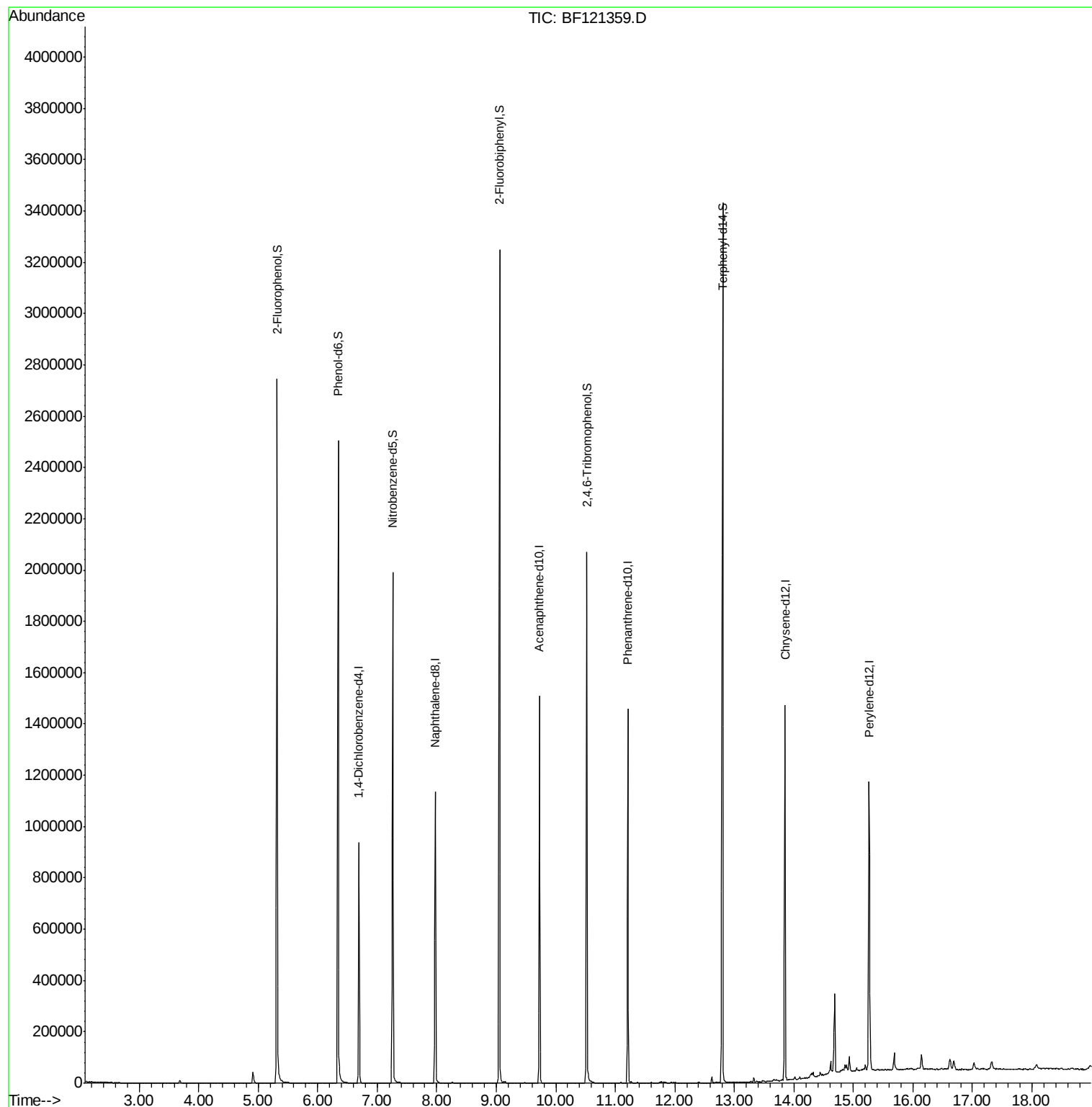
Target Compounds Qvalue

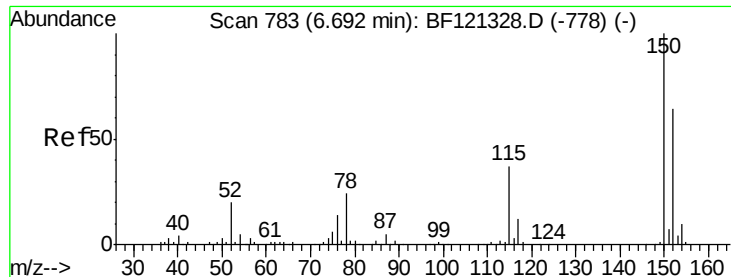
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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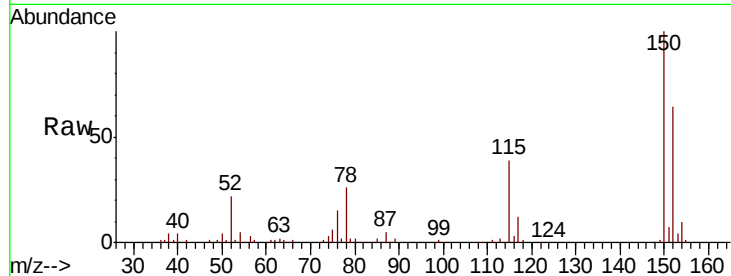


#1

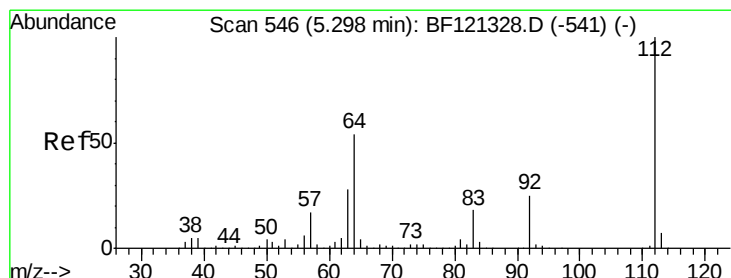
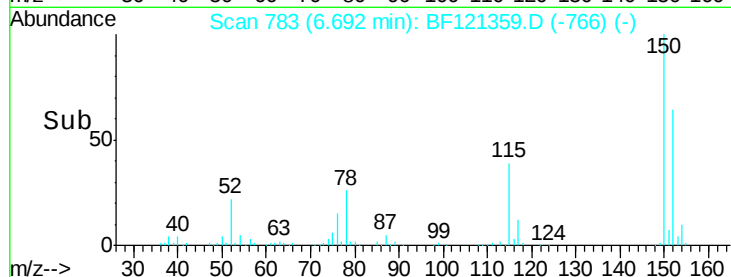
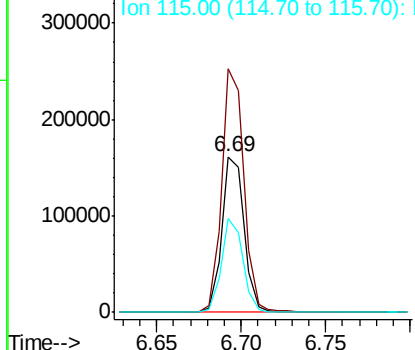
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121359.D
Acq: 21 Aug 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB131076BL

Tot Ion:152 Resp: 148068
Ion Ratio Lower Upper
152 100
150 156.6 124.8 187.2
115 60.6 46.1 69.1



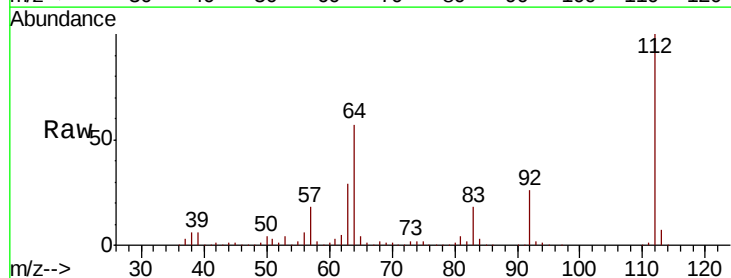
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



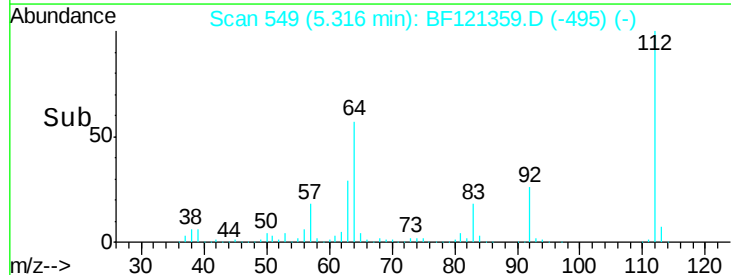
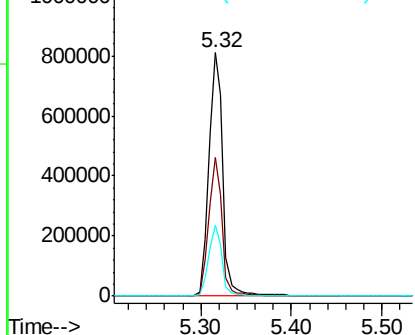
#5

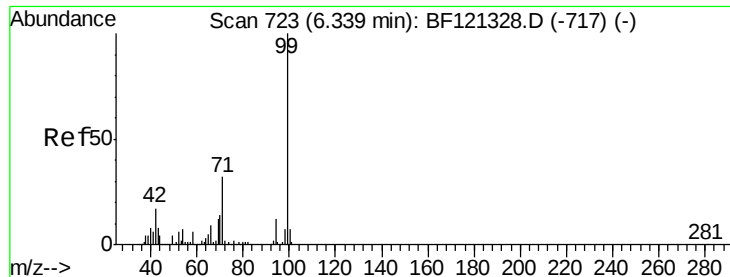
2-Fluorophenol
Concen: 97.927 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121359.D
Acq: 21 Aug 2020 10:04

Tgt Ion:112 Resp: 884280
Ion Ratio Lower Upper
112 100
64 56.8 43.5 65.3
63 29.0 22.0 33.0



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: 92.738 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121359.D

Acq: 21 Aug 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB131076BL

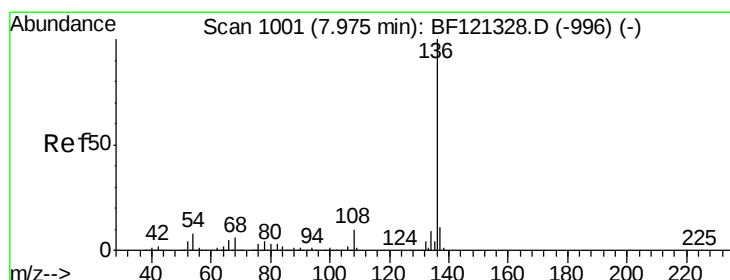
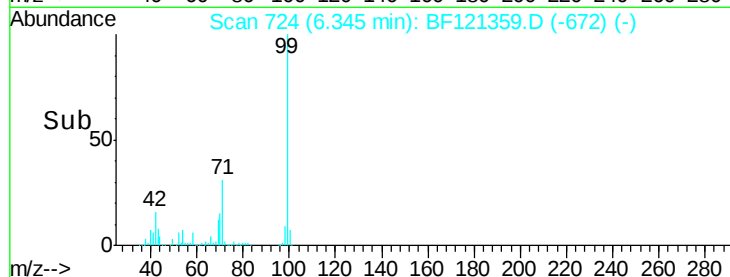
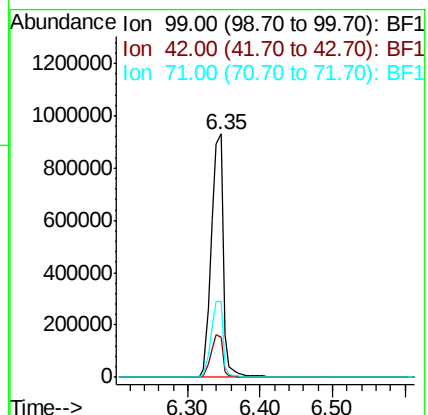
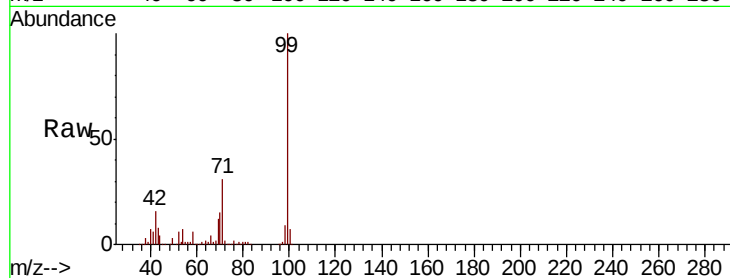
Tot Ion: 99 Resp: 1069051

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 31.4 25.2 37.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121359.D

Acq: 21 Aug 2020 10:04

Tgt Ion: 136 Resp: 586501

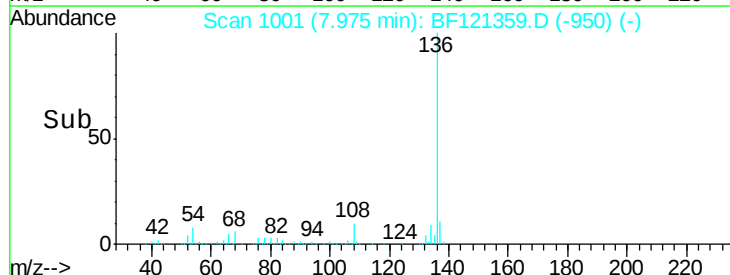
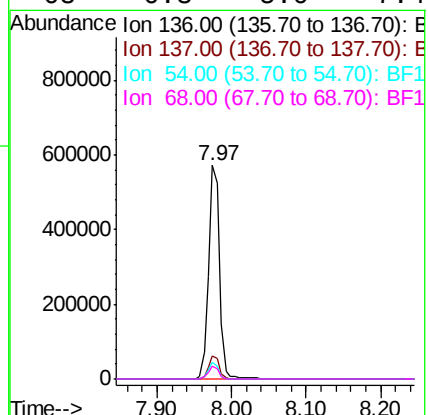
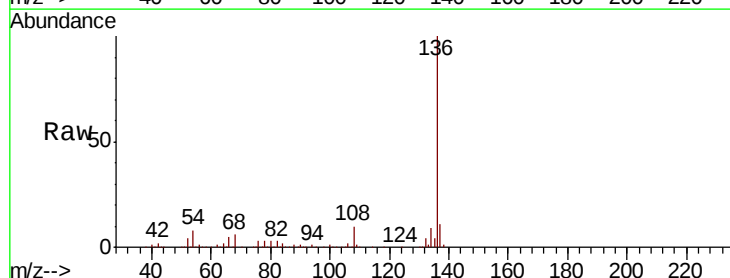
Ion Ratio Lower Upper

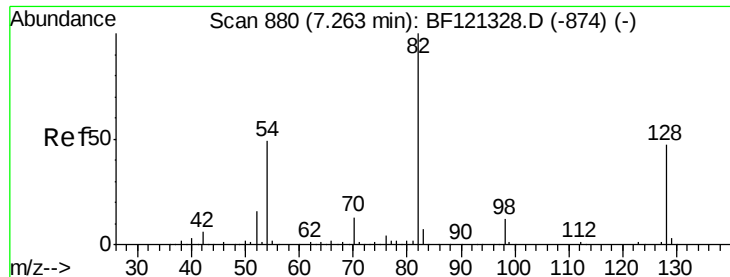
136 100

137 11.0 8.9 13.3

54 7.9 6.1 9.1

68 6.3 5.0 7.4

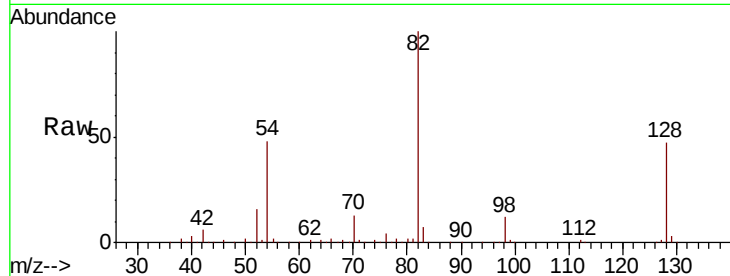




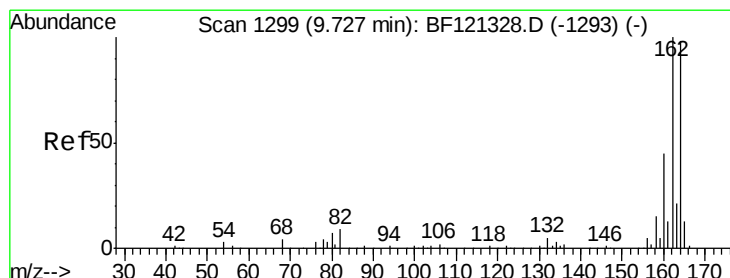
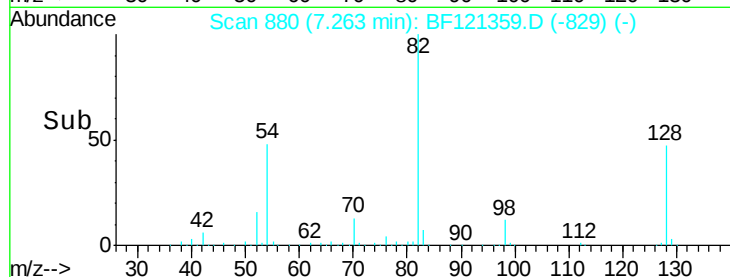
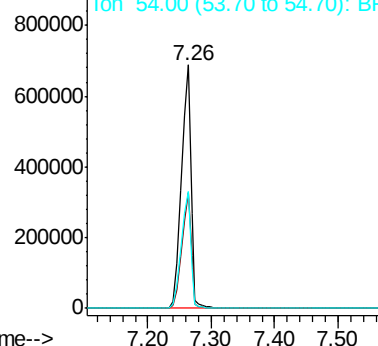
#23
Nitrobenzene-d5
Concen: 70.091 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121359.D
Acq: 21 Aug 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB131076BL

Tot Ion: 82 Resp: 726858
Ion Ratio Lower Upper
82 100
128 47.4 37.9 56.9
54 48.0 39.0 58.4

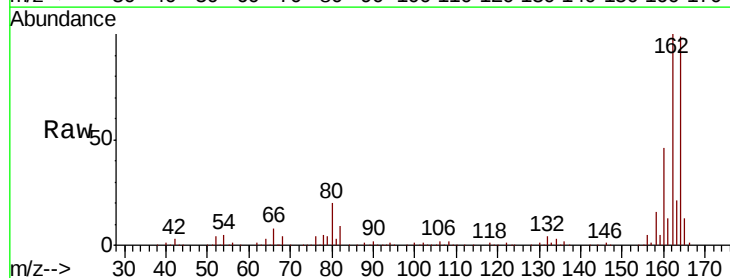


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

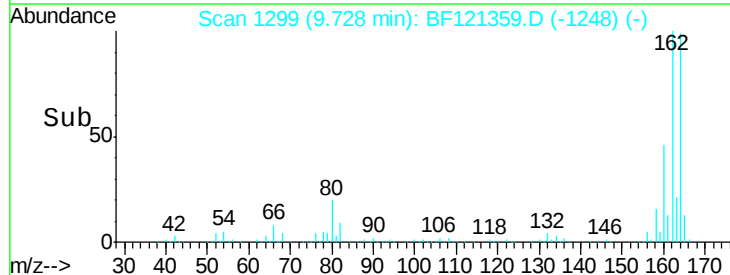
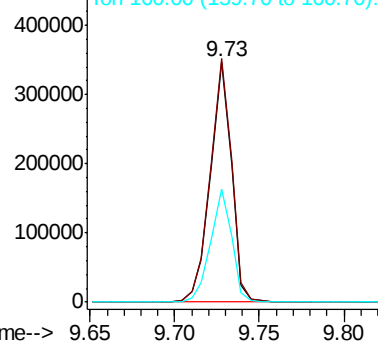


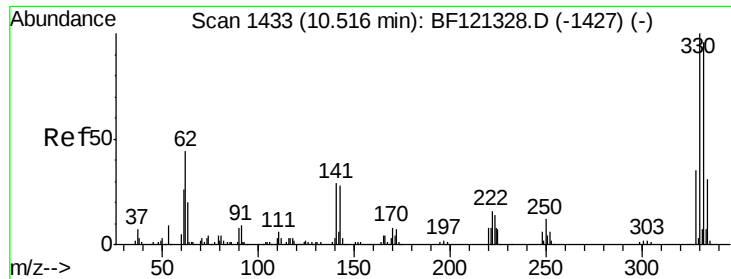
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121359.D
Acq: 21 Aug 2020 10:04

Tgt Ion: 164 Resp: 301163
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 46.8 37.0 55.4



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

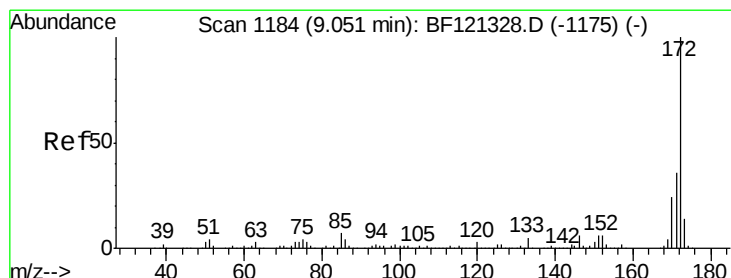
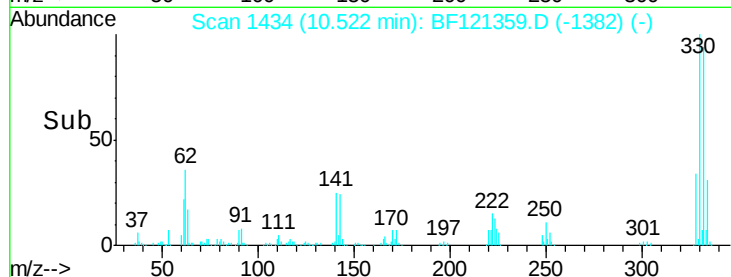
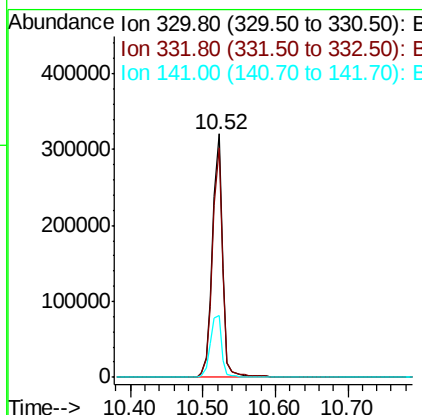
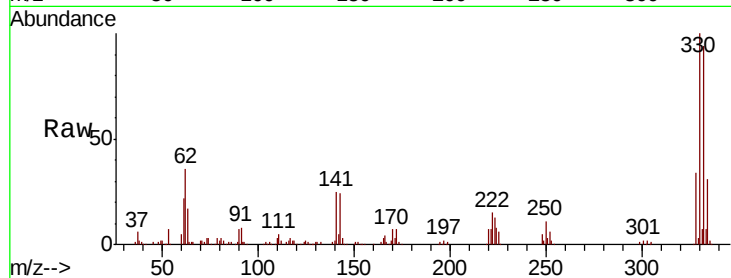




#42
 2,4,6-Tribromophenol
 Concen: 89.986 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121359.D
 Acq: 21 Aug 2020 10:04

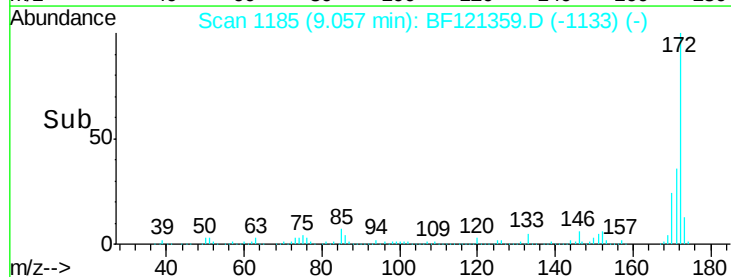
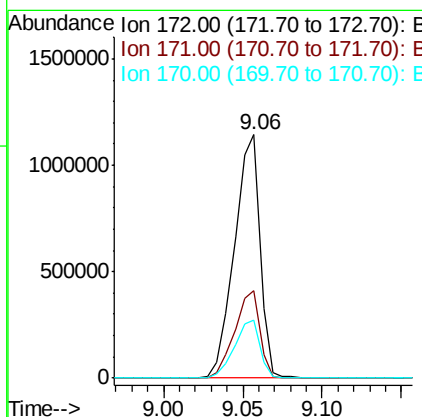
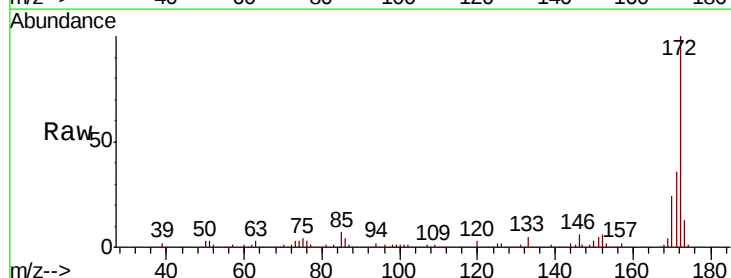
Instrument :
 BNA_F
 ClientSampleId :
 PB131076BL

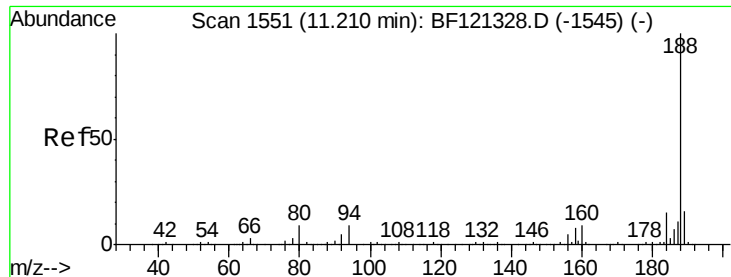
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	28.6	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 80.746 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121359.D
 Acq: 21 Aug 2020 10:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.0	19.4	29.2

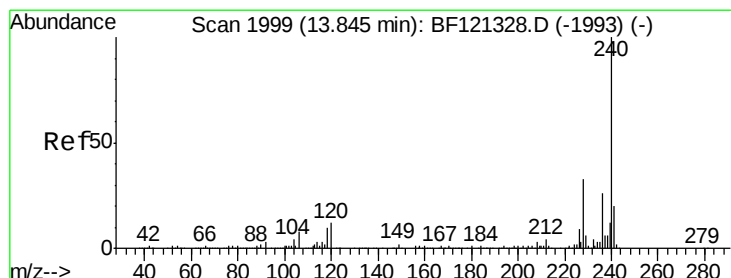
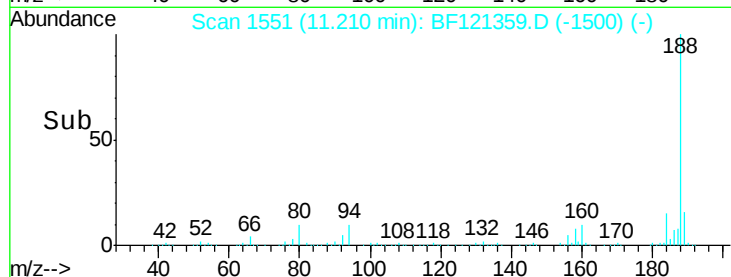
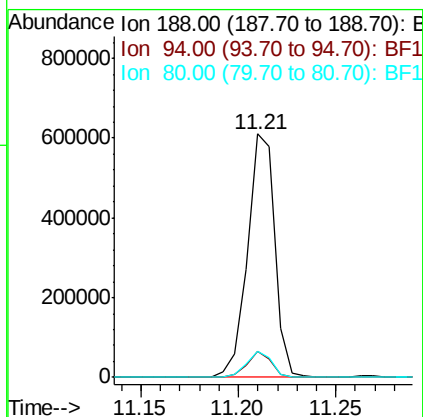
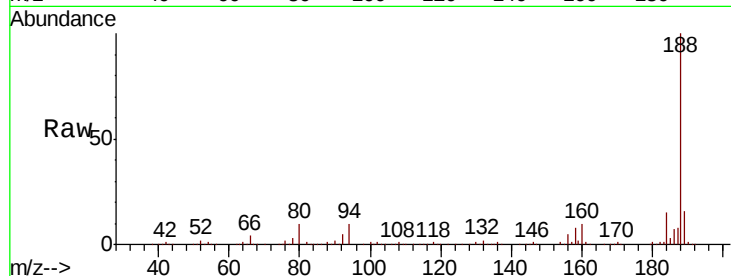




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121359.D
Acq: 21 Aug 2020 10:04

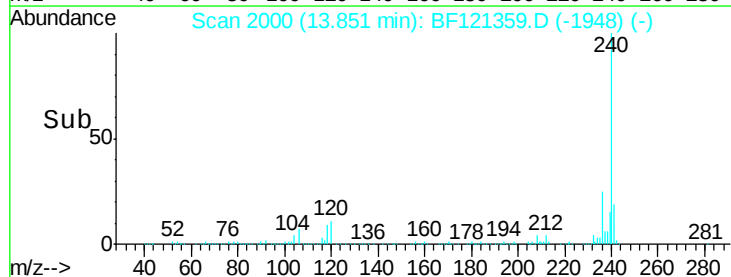
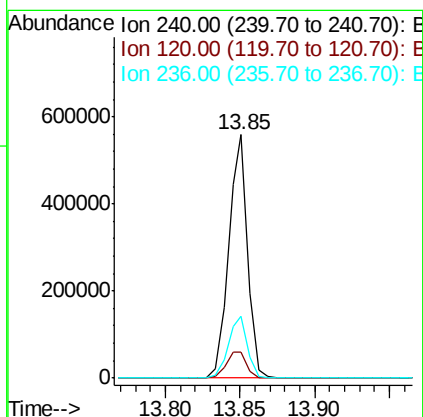
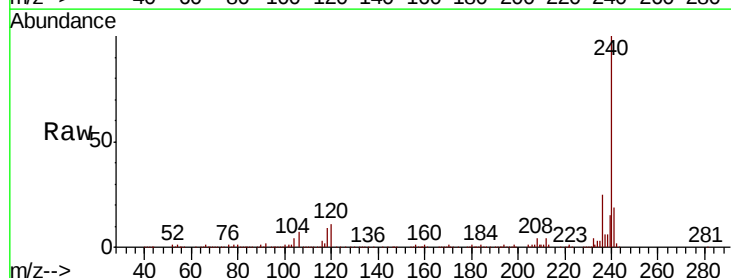
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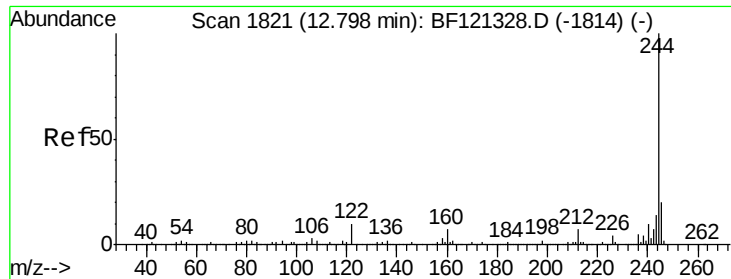
Tot Ion:188 Resp: 591440
Ion Ratio Lower Upper
188 100
94 10.5 7.2 10.8
80 10.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121359.D
Acq: 21 Aug 2020 10:04

Tgt Ion:240 Resp: 498771
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 52.216 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121359.D

Acq: 21 Aug 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB131076BL

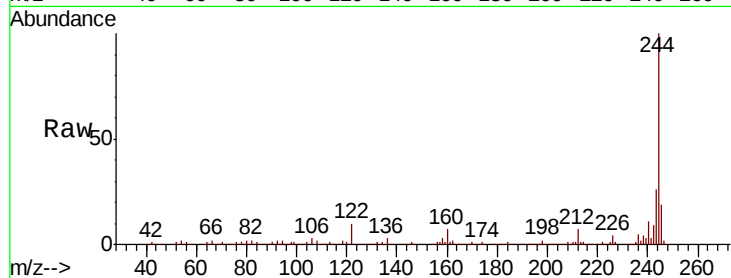
Tot Ion:244 Resp: 1332749

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

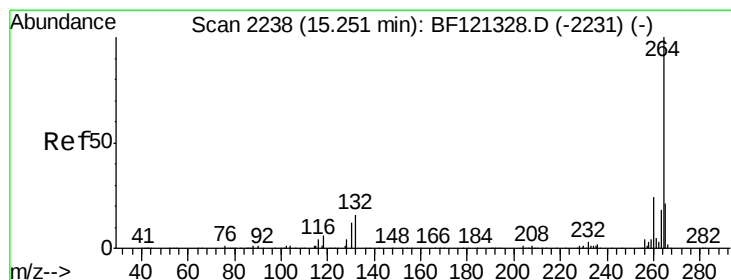
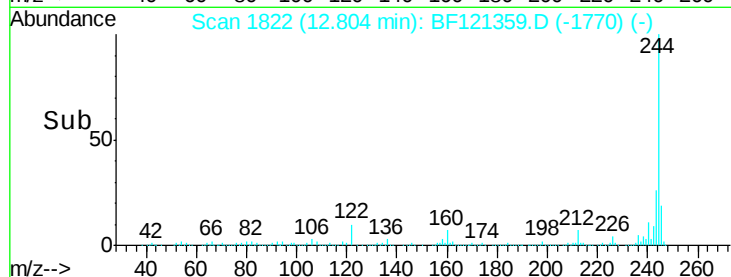
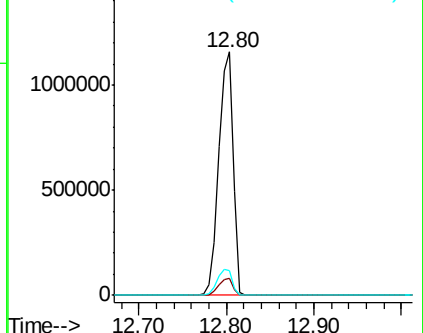
122 10.2 7.8 11.8



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: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF121359.D

Acq: 21 Aug 2020 10:04

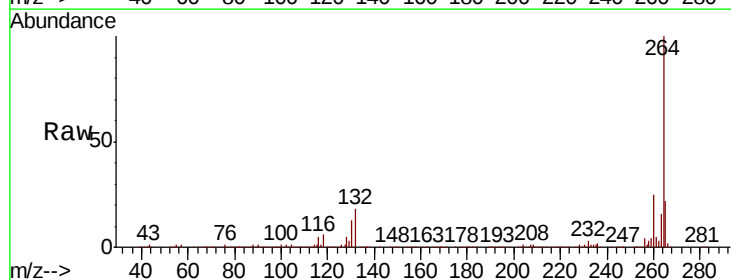
Tgt Ion:264 Resp: 479526

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.9 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

