

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121570.D
 Acq On : 15 Sep 2020 10:45
 Operator : JU/CG
 Sample : PB131580BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131580BL

Quant Time: Sep 15 11:41:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	214588	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	842851	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	408659	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	835771	20.00	ng	0.00
76) Chrysene-d12	13.99	240	798214	20.00	ng	0.00
86) Perylene-d12	15.44	264	705402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1407646	97.49	ng	0.02
7) Phenol-d6	6.47	99	1799367	94.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	1254605	79.92	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	547498	107.79	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2083101	77.20	ng	0.00
79) Terphenyl-d14	12.94	244	2336265	59.30	ng	0.00

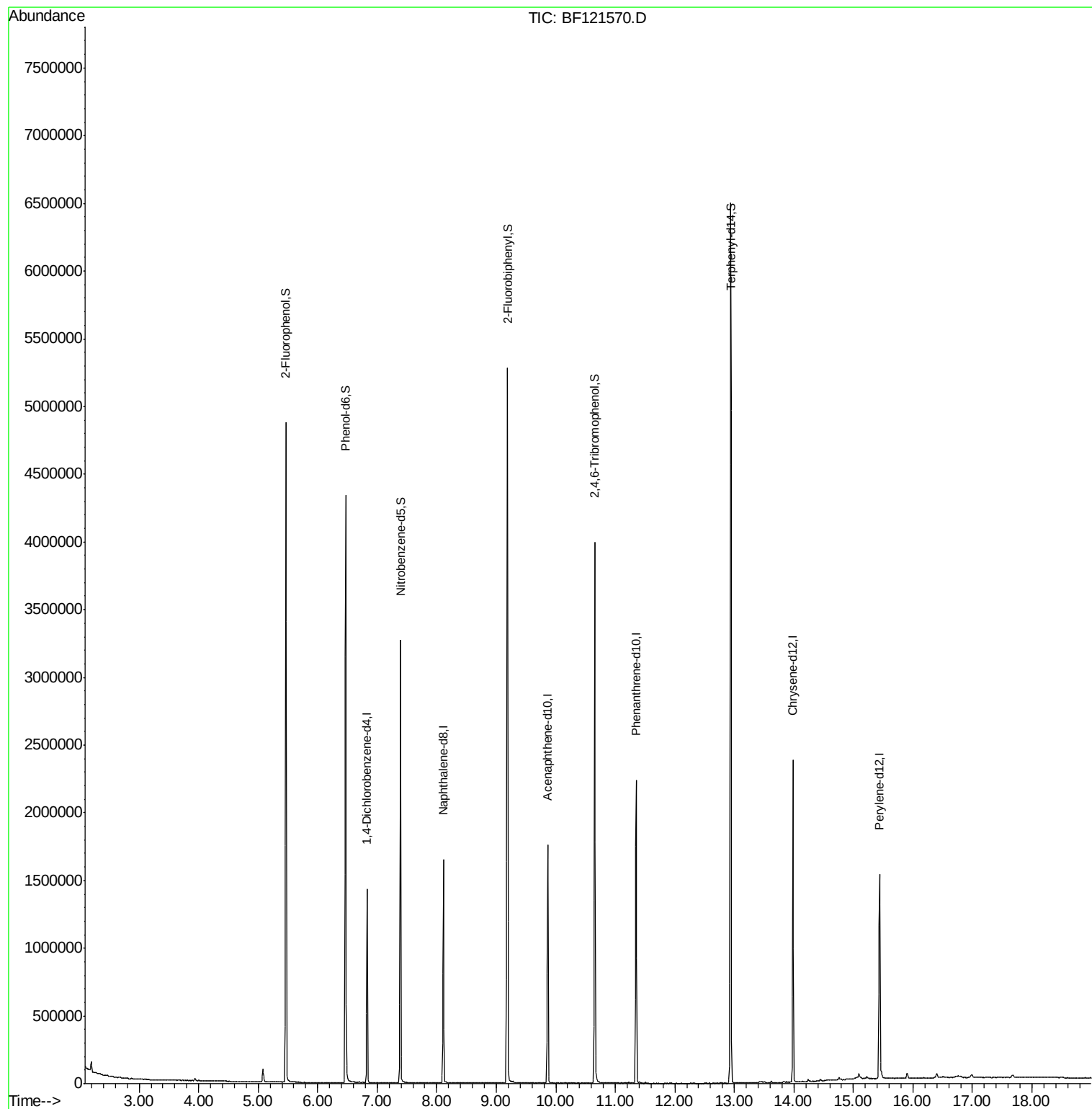
Target Compounds Qvalue

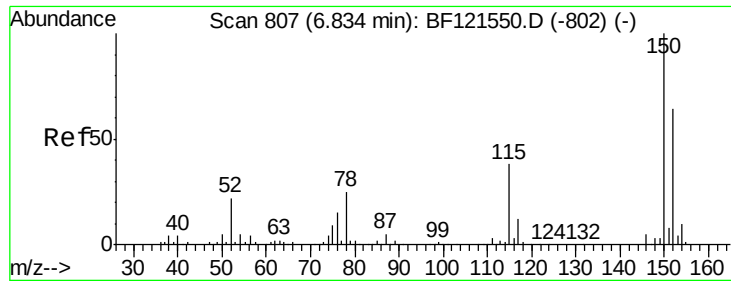
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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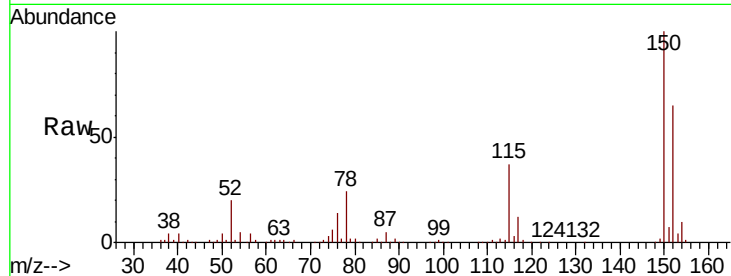


#1

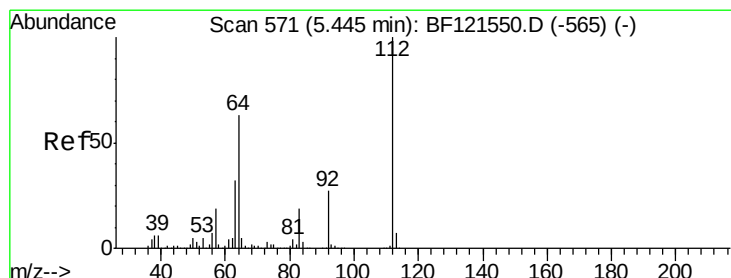
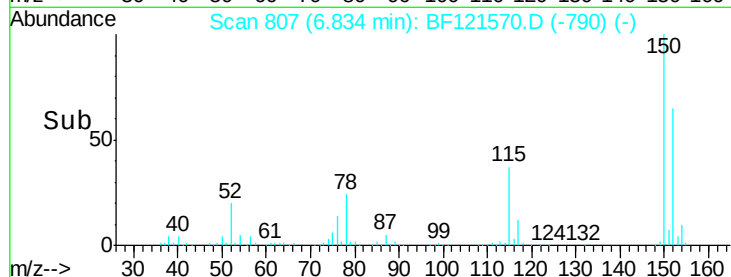
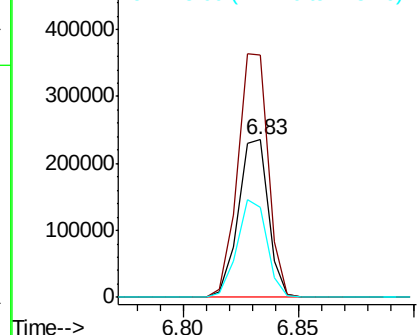
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

Instrument :
BNA_F
ClientSampleId :
PB131580BL

Tot Ion:152 Resp: 214588
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.6
115 57.3 47.8 71.8



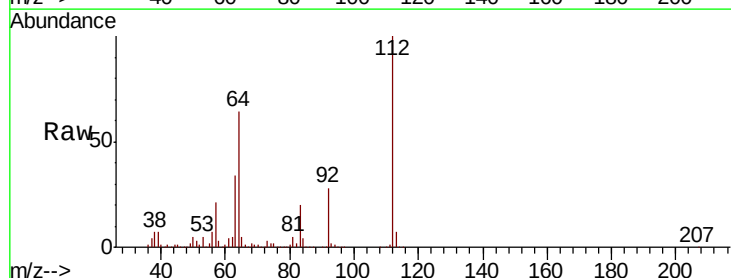
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



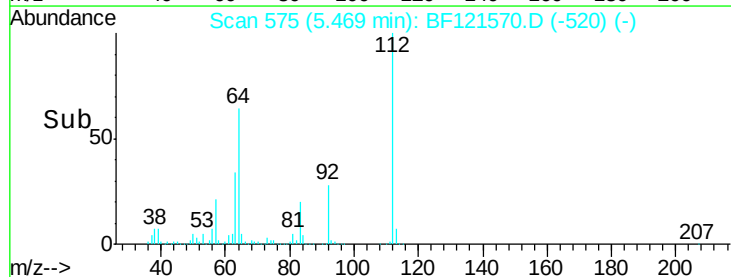
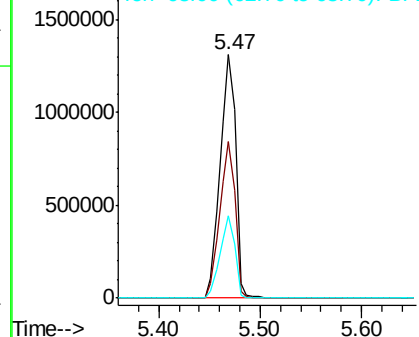
#5

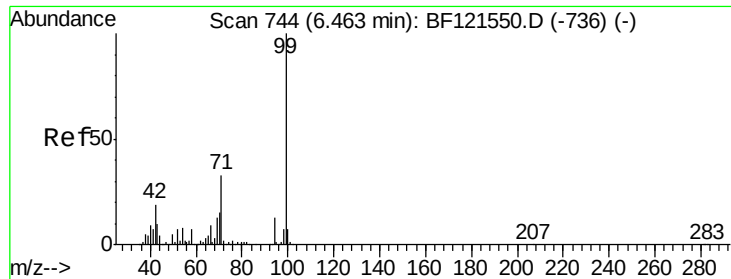
2-Fluorophenol
Concen: 97.486 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

Tgt Ion:112 Resp: 1407646
Ion Ratio Lower Upper
112 100
64 64.5 50.3 75.5
63 33.6 25.6 38.4



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: 94.985 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Instrument :

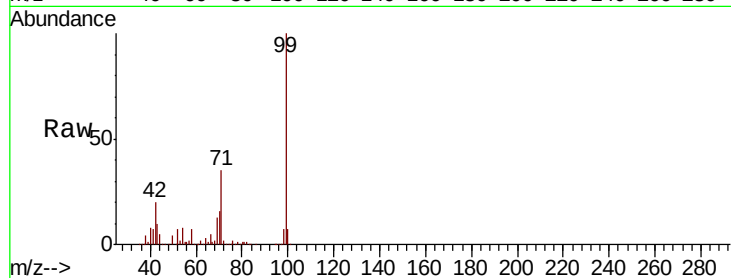
BNA_F

ClientSampleId :

PB131580BL

Tot Ion: 99 Resp: 1799367

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.5	23.3
71	34.5	26.1	39.1

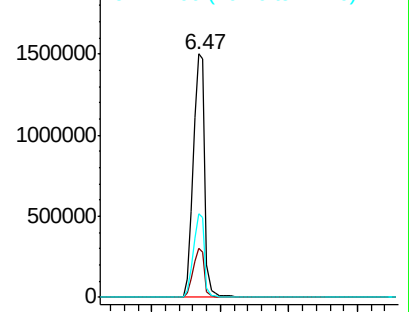


Abundance

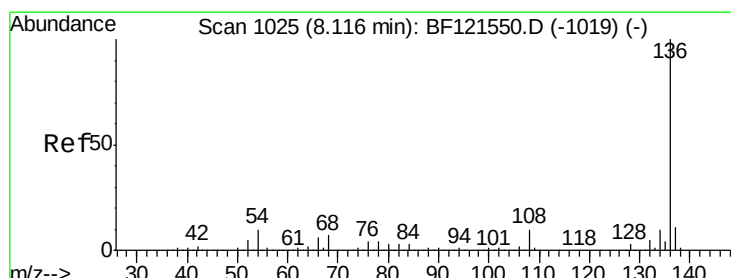
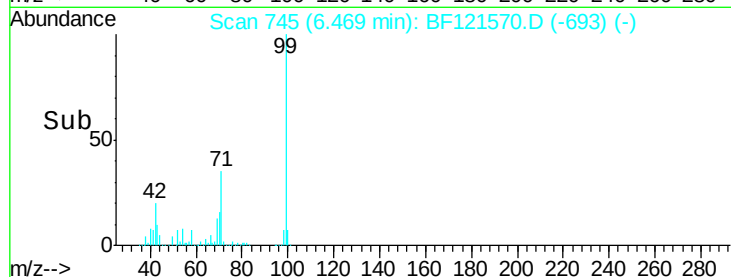
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

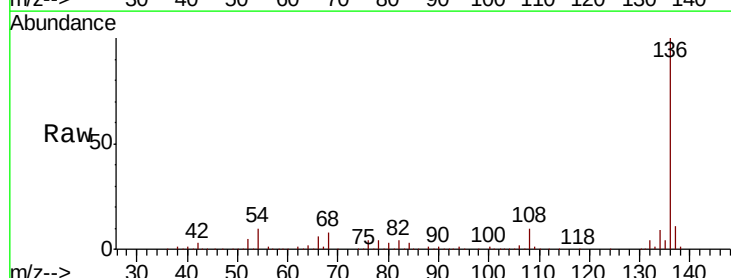
Delta R.T. -0.01 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Tgt Ion: 136 Resp: 842851

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.1	7.6	11.4
68	7.6	5.7	8.5



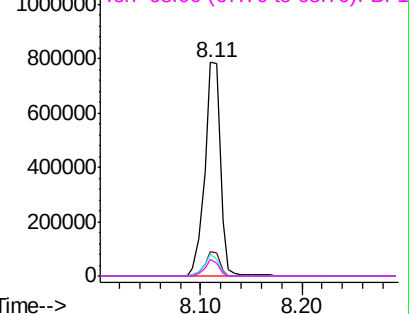
Abundance

Ion 136.00 (135.70 to 136.70): BF1

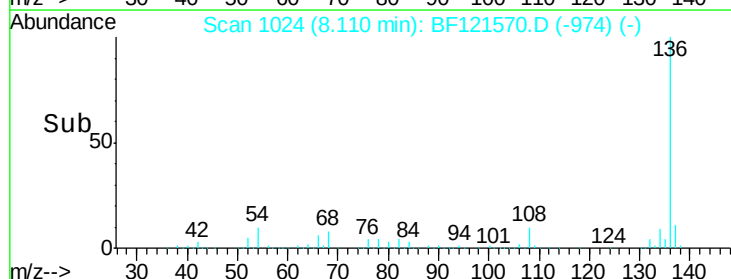
Ion 137.00 (136.70 to 137.70): BF1

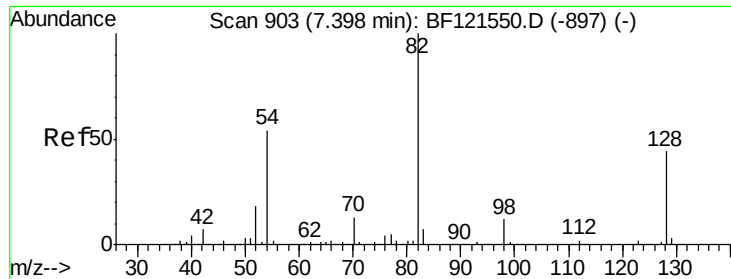
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

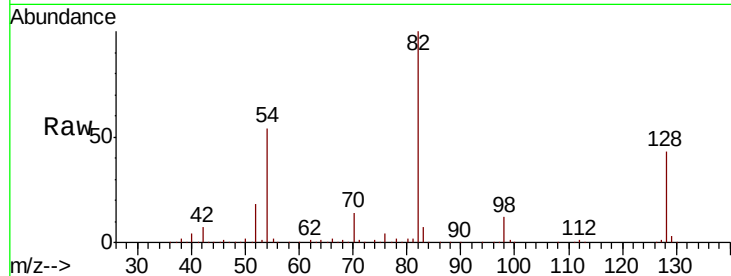




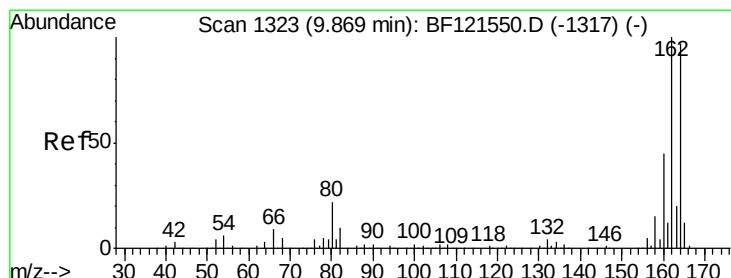
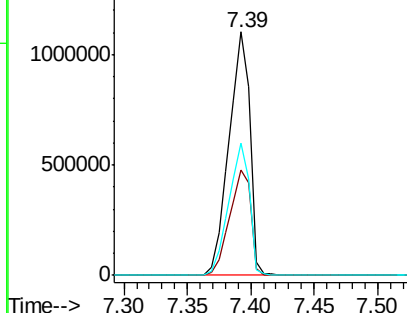
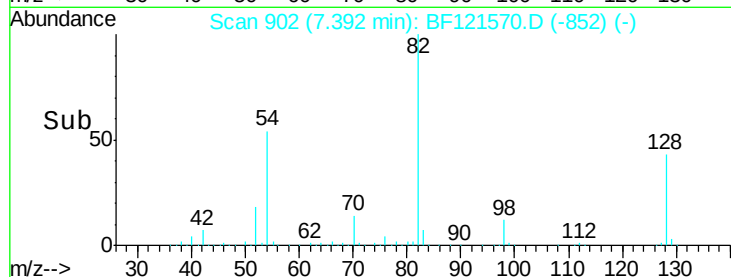
#23
 Nitrobenzene-d5
 Concen: 79.922 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Instrument :
 BNA_F
 ClientSampled :
 PB131580BL

Tot Ion: 82 Resp: 1254605
 Ion Ratio Lower Upper
 82 100
 128 43.3 35.1 52.7
 54 54.4 43.0 64.6

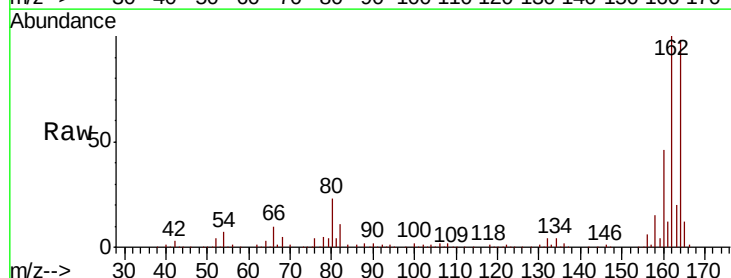


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

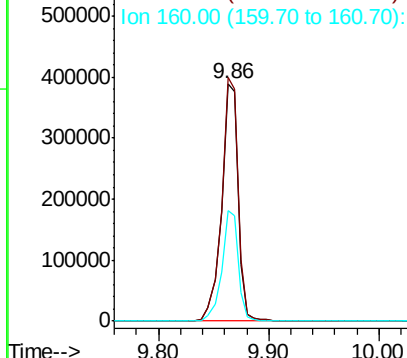
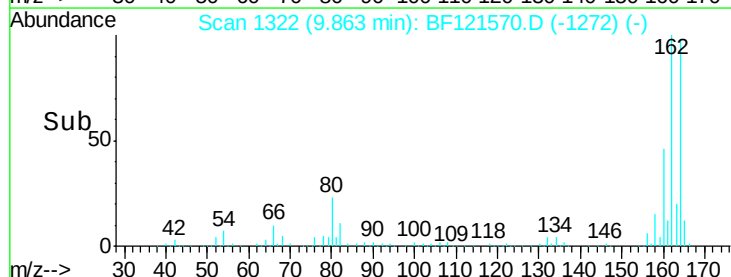


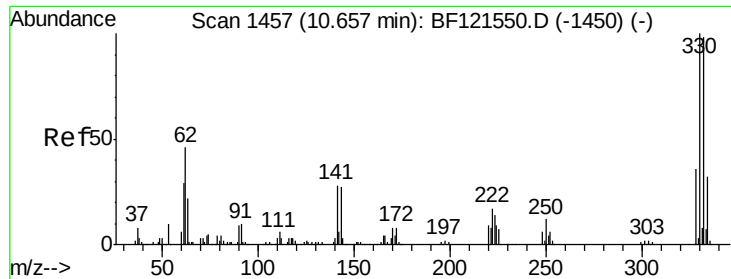
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Tgt Ion: 164 Resp: 408659
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.3 123.5
 160 46.7 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
 500000
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 107.795 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Instrument :

BNA_F

ClientSampleId :

PB131580BL

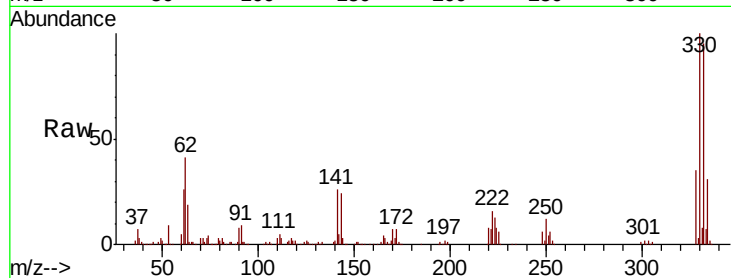
Tot Ion:330 Resp: 547498

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

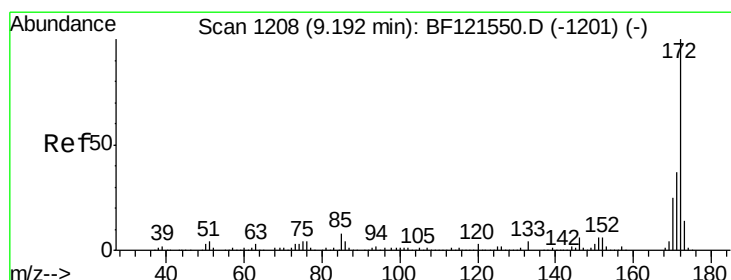
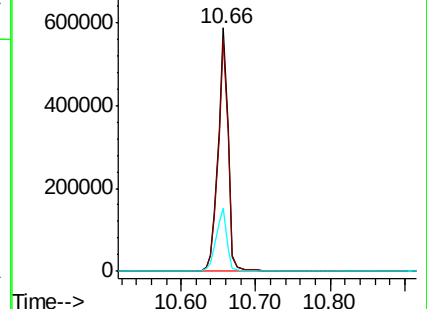
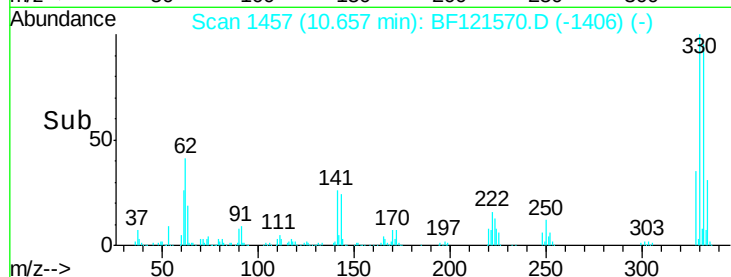
141 27.8 23.6 35.4



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: 77.202 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

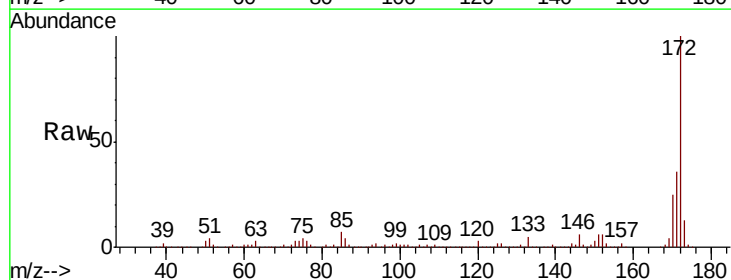
Tgt Ion:172 Resp: 2083101

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

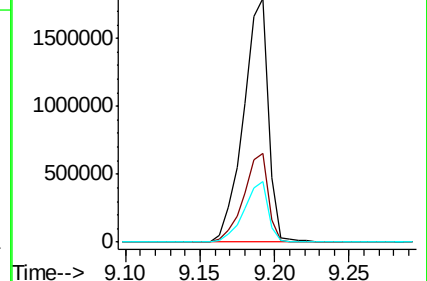
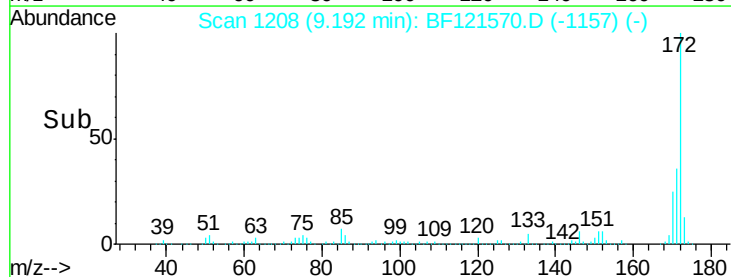
170 24.7 19.8 29.8

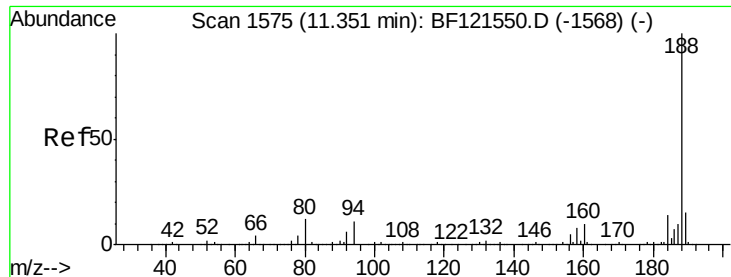


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

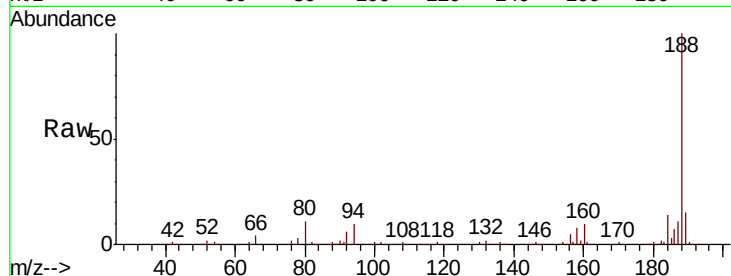




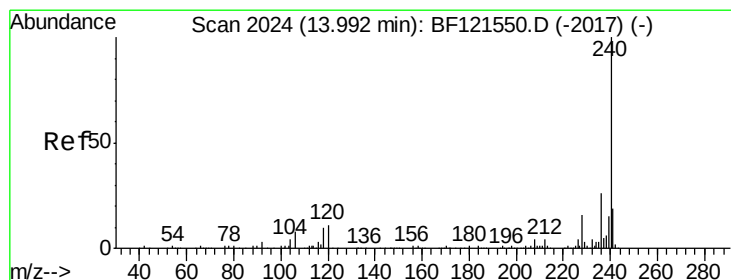
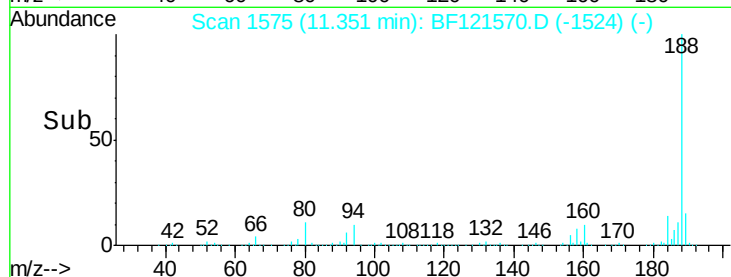
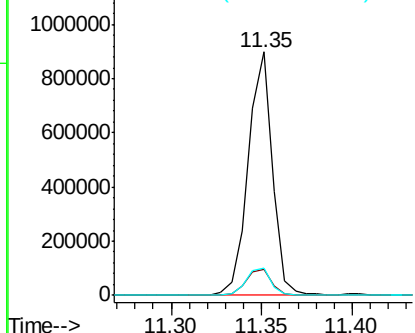
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

Instrument :
BNA_F
ClientSampleId :
PB131580BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.4	9.3	13.9

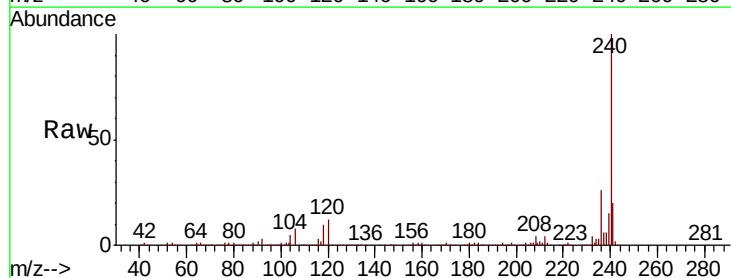


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

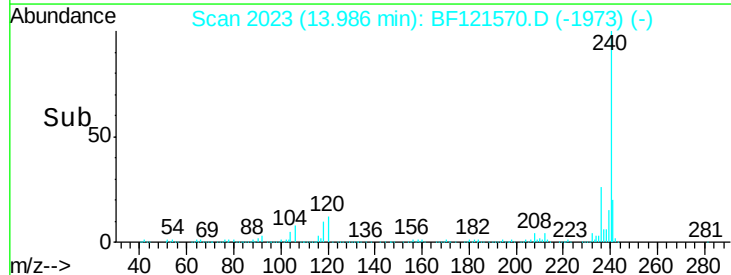
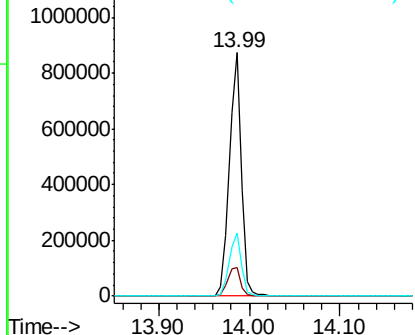


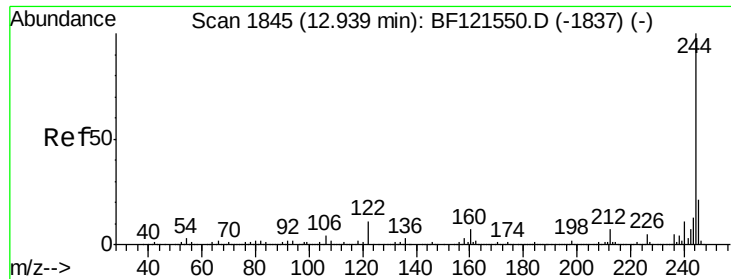
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	26.0	20.5	30.7



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: 59.295 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Instrument :

BNA_F

ClientSampleId :

PB131580BL

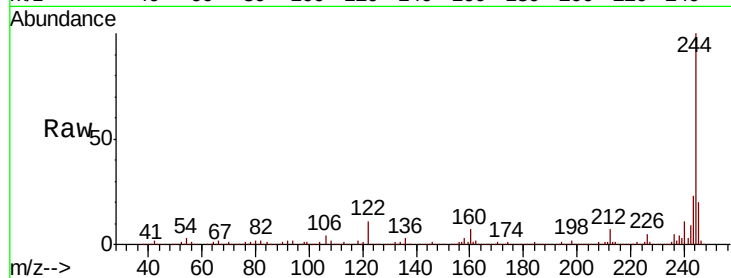
Tot Ion:244 Resp: 2336265

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

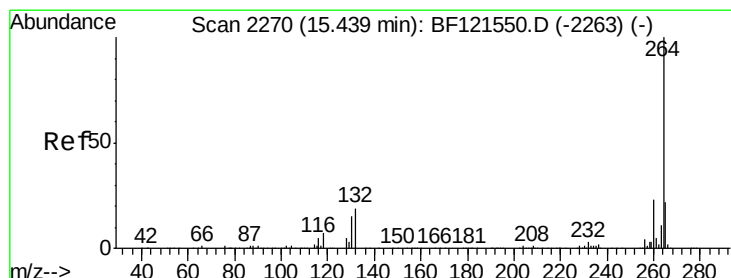
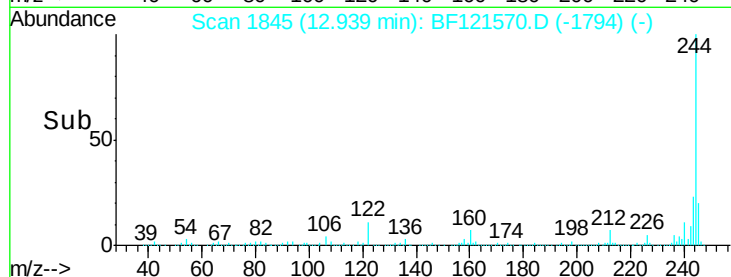
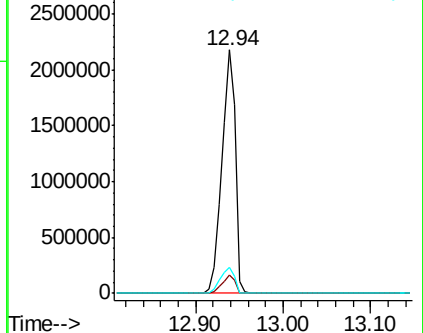
122 10.7 8.7 13.1



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

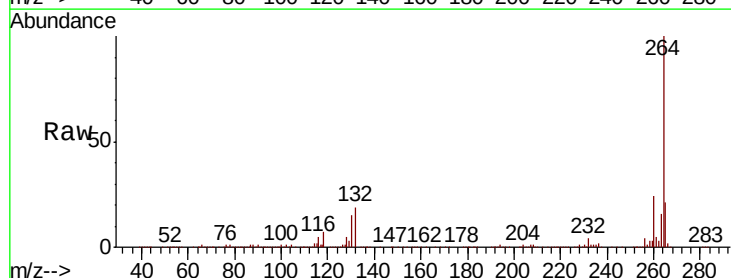
Tgt Ion:264 Resp: 705402

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.3 17.8 26.6



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

