

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121788.D
 Acq On : 2 Oct 2020 11:59
 Operator : JU/CG
 Sample : PB131974BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131974BL

Quant Time: Oct 02 12:45:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146644	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	570746	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	300596	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	562989	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	490385	20.00	ng	-0.01
86) Perylene-d12	15.36	264	462587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	886968	89.89	ng	0.01
7) Phenol-d6	6.40	99	1148408	88.71	ng	-0.01
23) Nitrobenzene-d5	7.33	82	791468	74.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	352458	94.34	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1401032	70.59	ng	-0.01
79) Terphenyl-d14	12.87	244	1465649	60.55	ng	0.00

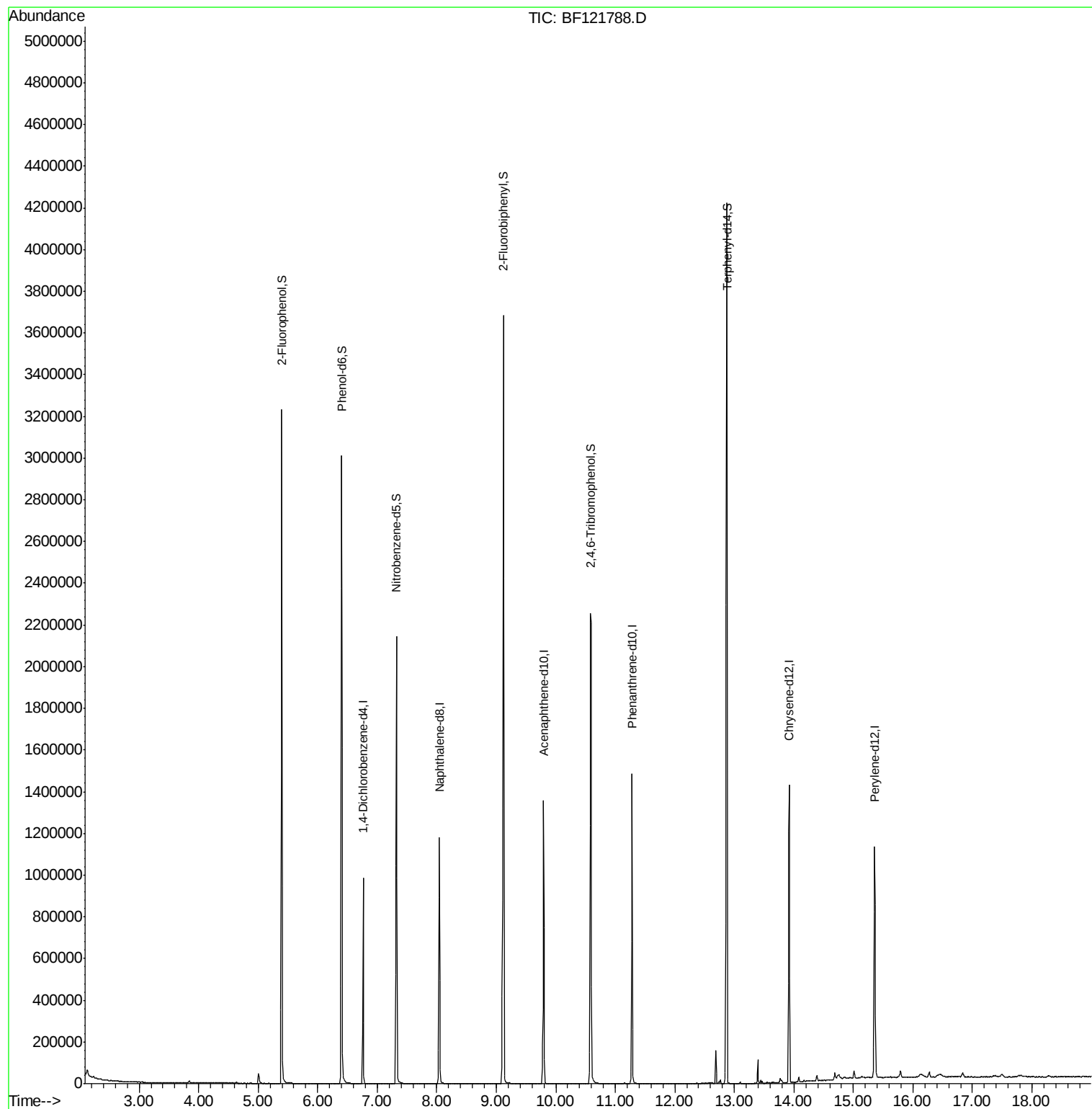
Target Compounds Qvalue

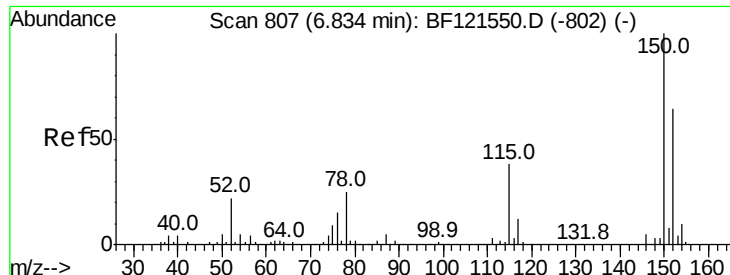
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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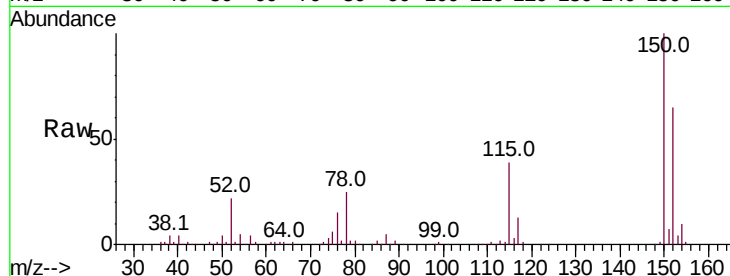


#1

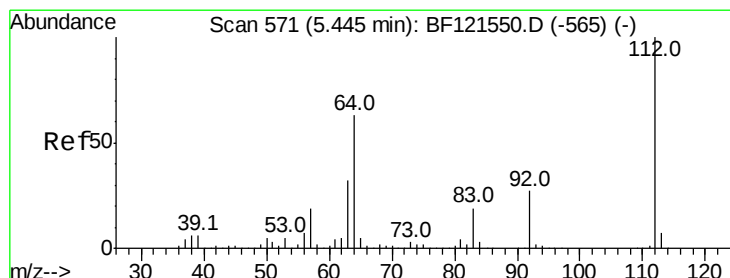
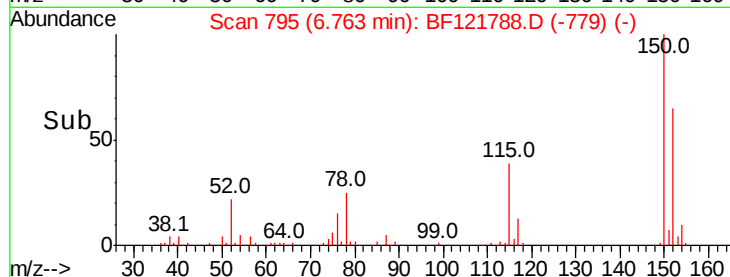
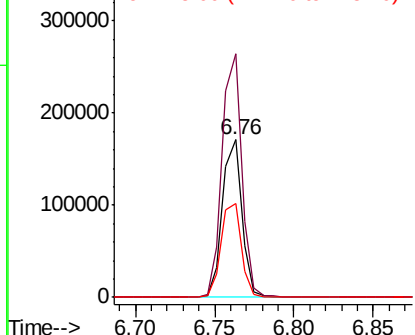
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB131974BL

Tot Ion:152 Resp: 146644
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.3 187.9
 115 59.9 51.9 77.9



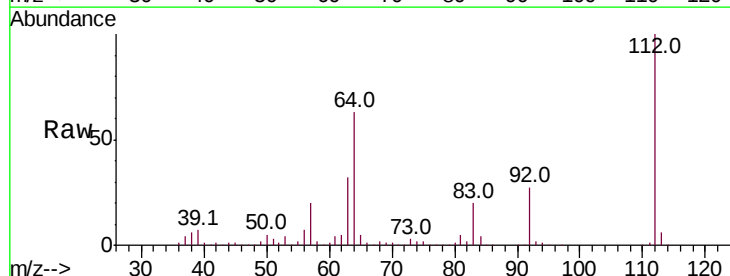
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



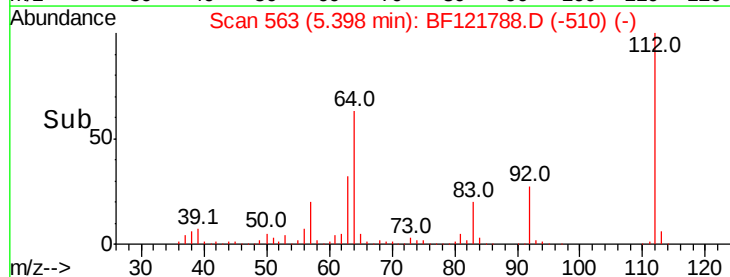
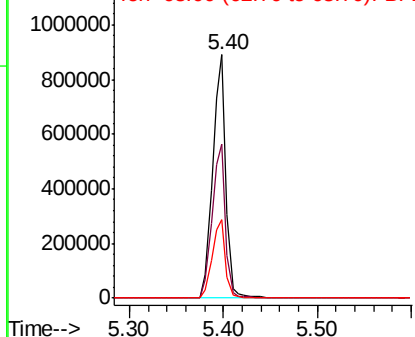
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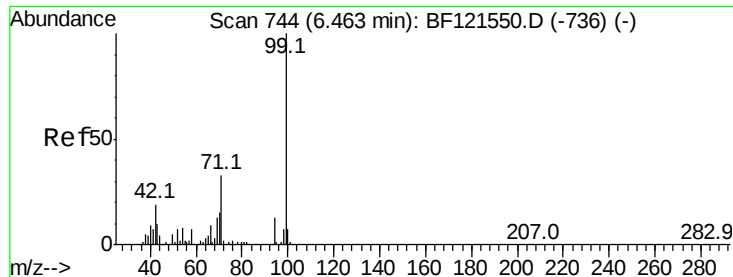
2-Fluorophenol
 Concen: 89.887 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Tgt Ion:112 Resp: 886968
 Ion Ratio Lower Upper
 112 100
 64 63.1 50.4 75.6
 63 32.5 25.8 38.6



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: 88.710 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

Instrument :

BNA_F

ClientSampleId :

PB131974BL

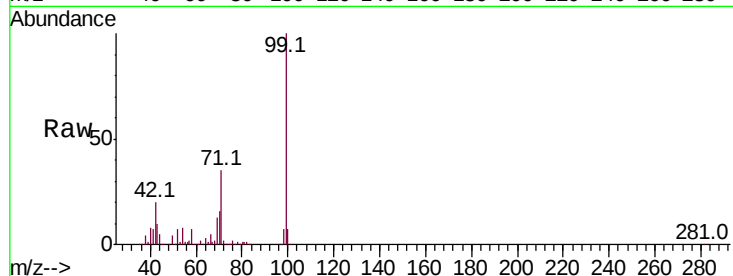
Tot Ion: 99 Resp: 1148408

Ion Ratio Lower Upper

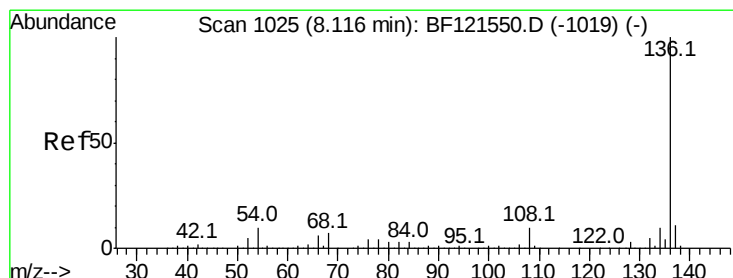
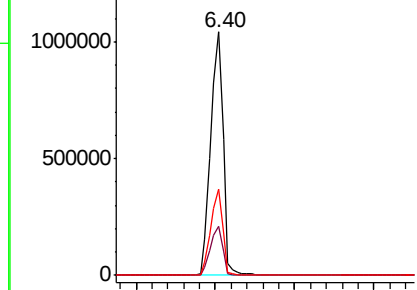
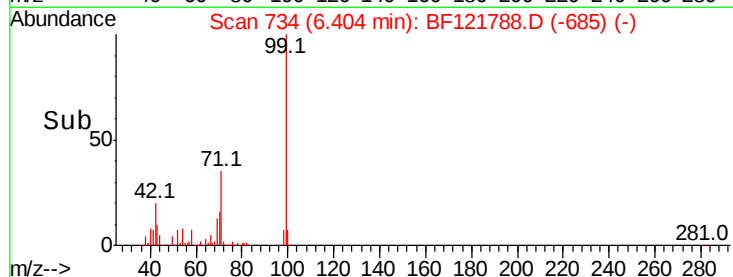
99 100

42 20.0 15.9 23.9

71 35.2 27.1 40.7



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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

Tgt Ion: 136 Resp: 570746

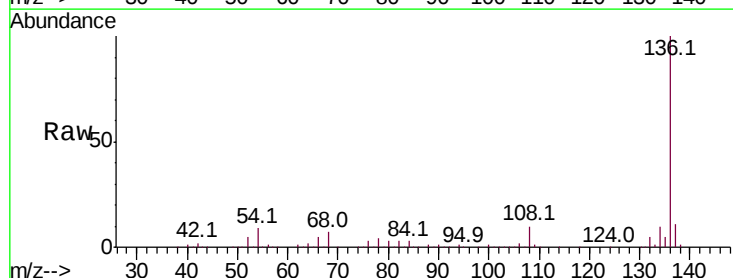
Ion Ratio Lower Upper

136 100

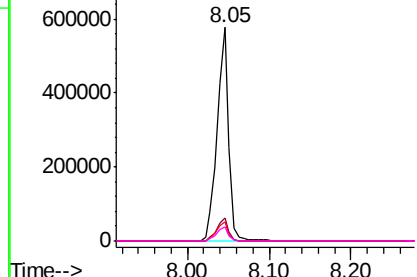
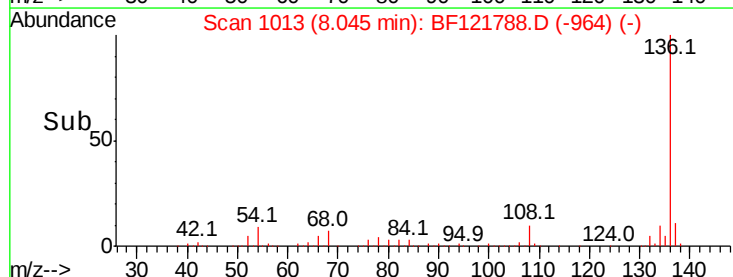
137 10.9 8.6 13.0

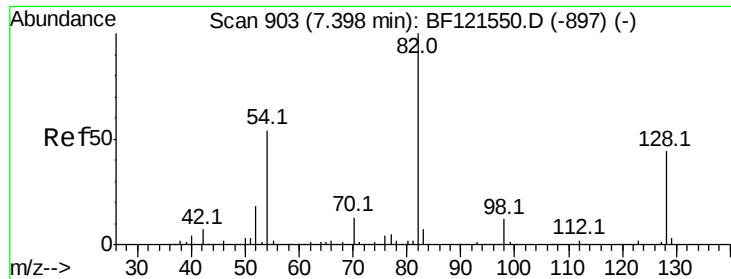
54 9.2 7.1 10.7

68 6.6 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

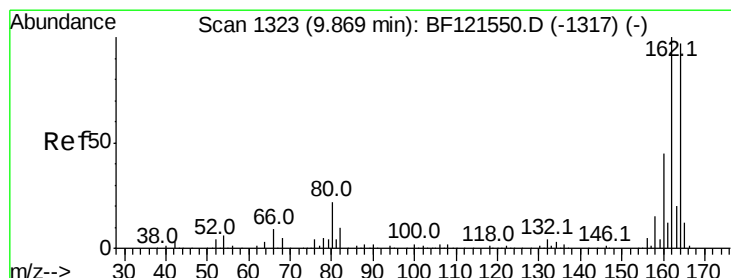
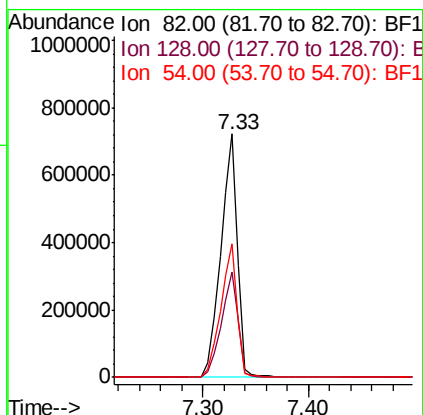
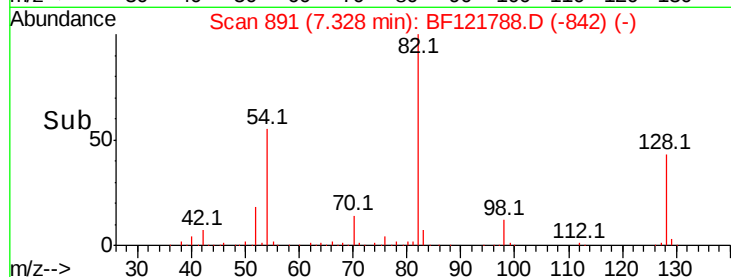
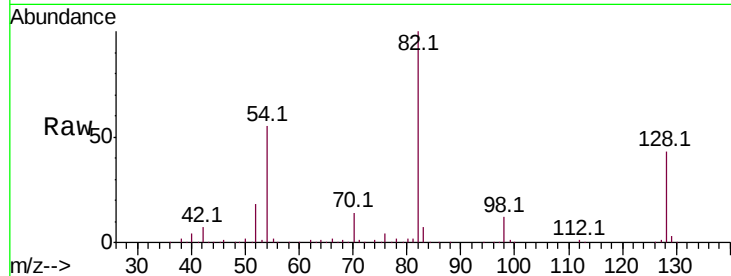




#23
Nitrobenzene-d5
Concen: 74.456 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

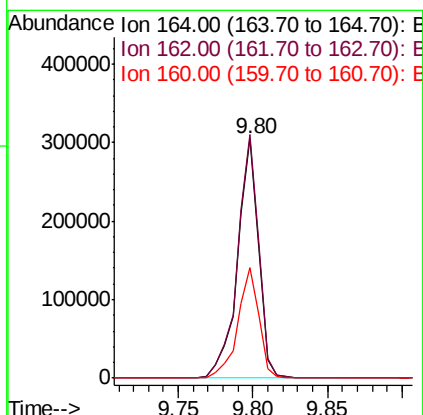
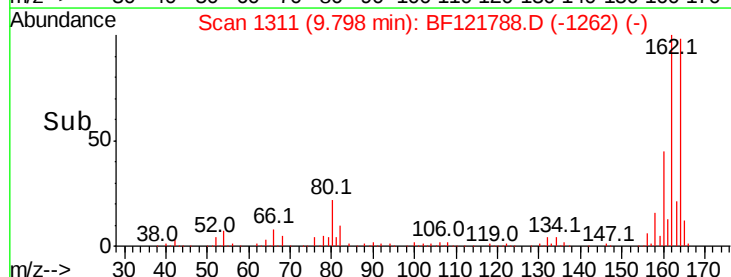
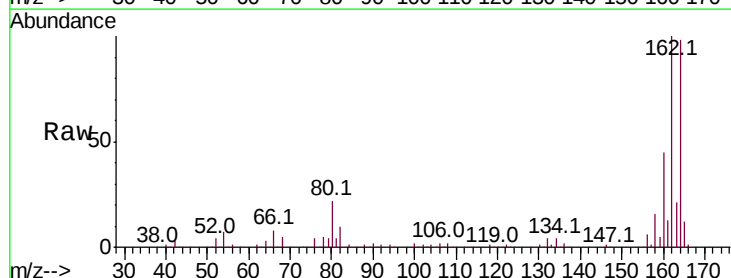
Instrument :
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PB131974BL

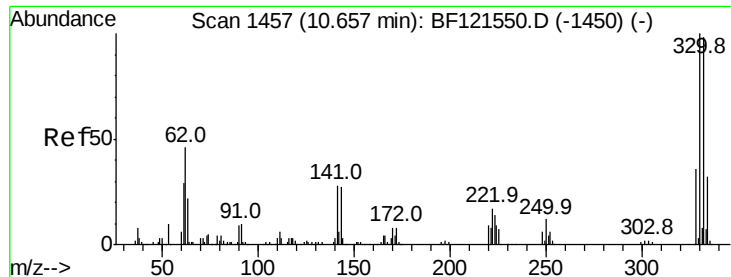
Tot Ion: 82 Resp: 791468
Ion Ratio Lower Upper
82 100
128 43.2 35.0 52.4
54 54.9 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

Tgt Ion: 164 Resp: 300596
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.2 37.5 56.3

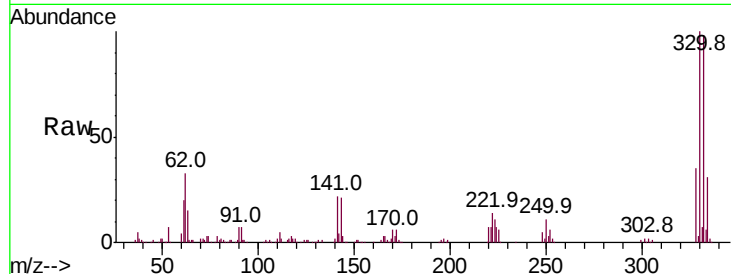




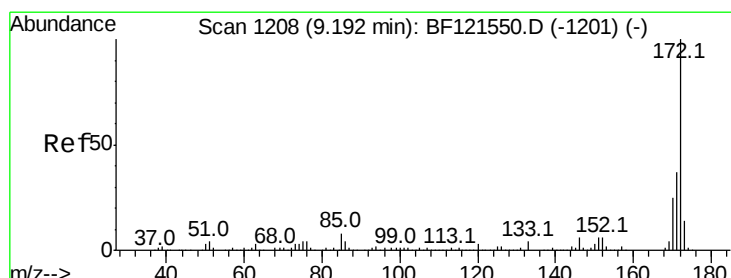
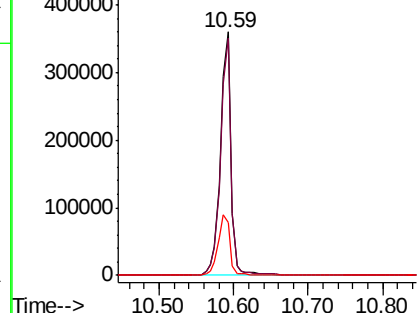
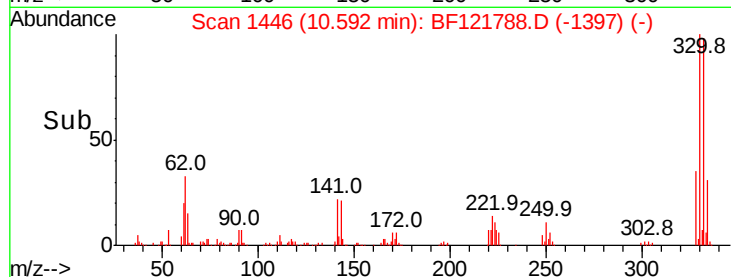
#42
 2,4,6-Tribromophenol
 Concen: 94.341 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB131974BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	28.0	22.3	33.5

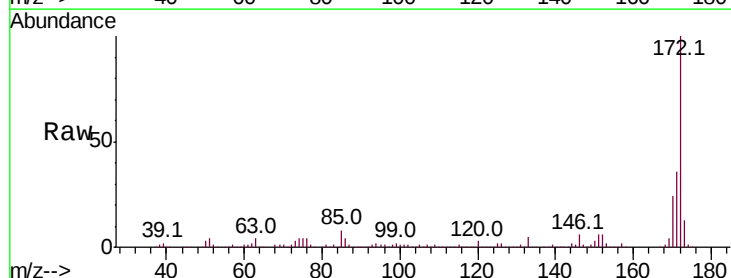


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

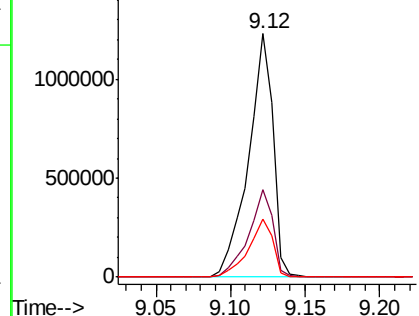
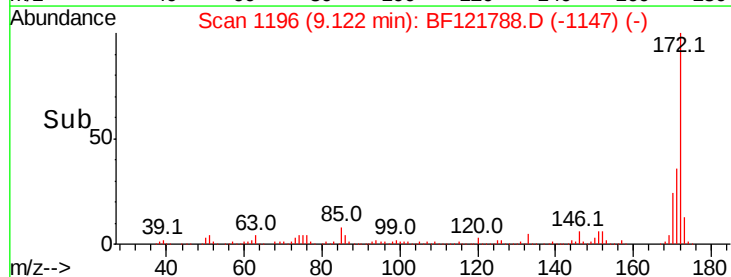


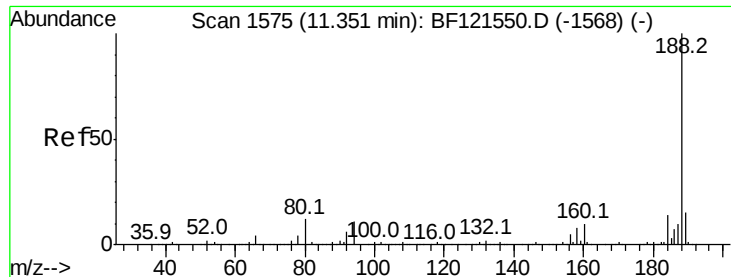
#45
 2-Fluorobiphenyl
 Concen: 70.590 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121788.D
 Acq: 2 Oct 2020 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	23.9	19.8	29.6



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

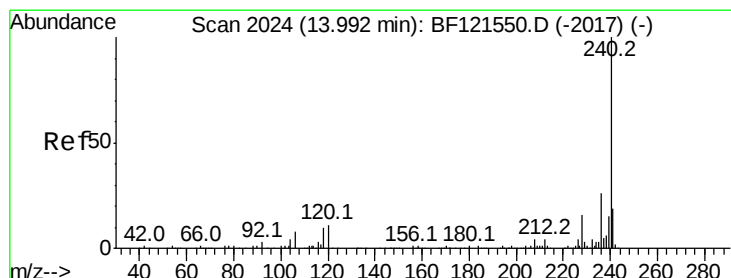
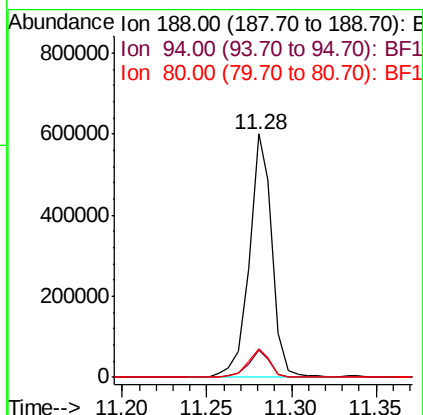
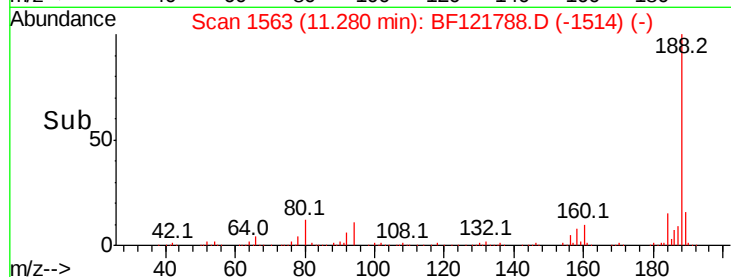
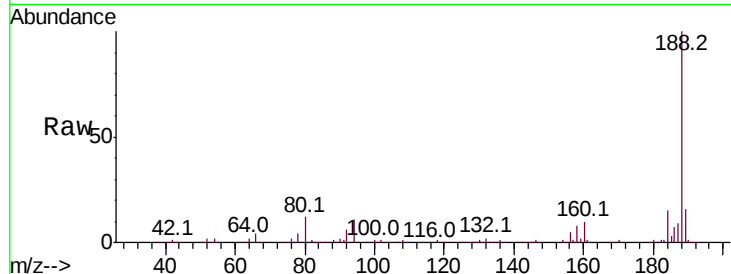




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

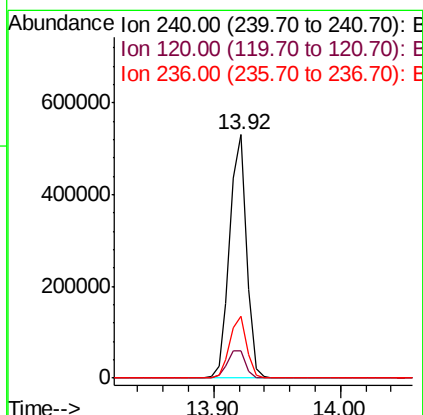
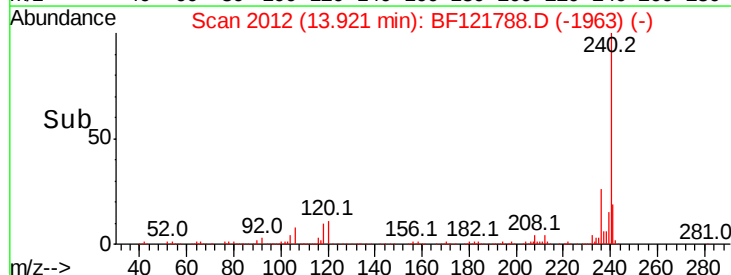
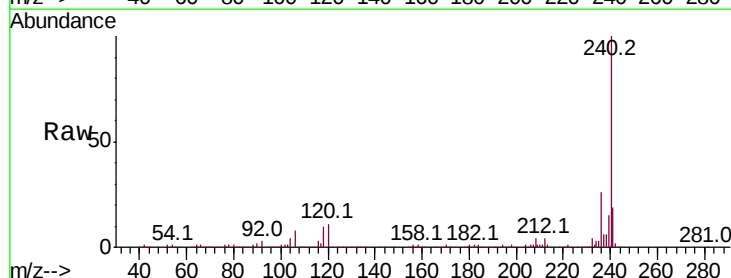
Instrument :
BNA_F
ClientSampleId :
PB131974BL

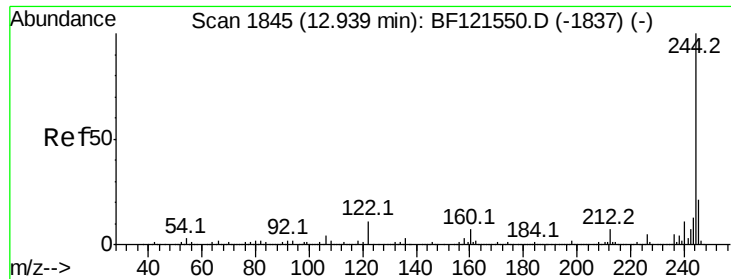
Tot Ion:188 Resp: 562989
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 11.8 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121788.D
Acq: 2 Oct 2020 11:59

Tgt Ion:240 Resp: 490385
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 60.550 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

Instrument :

BNA_F

ClientSampleId :

PB131974BL

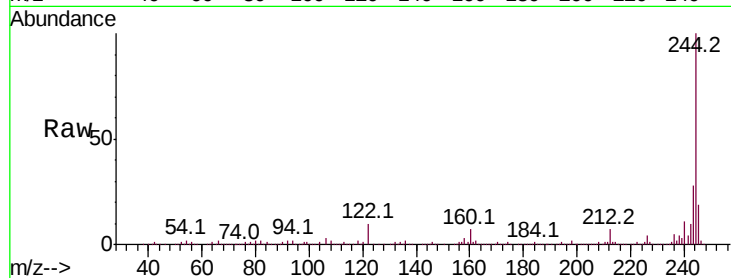
Tot Ion:244 Resp: 1465649

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

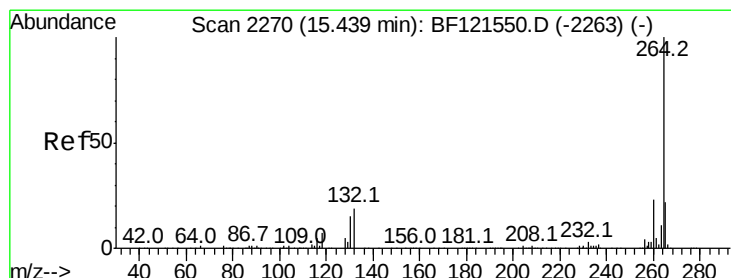
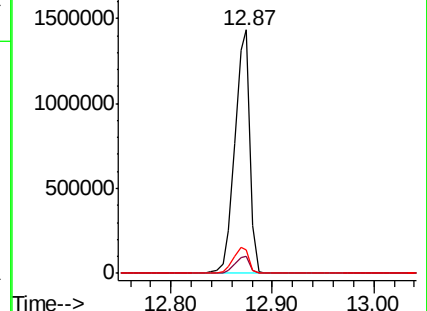
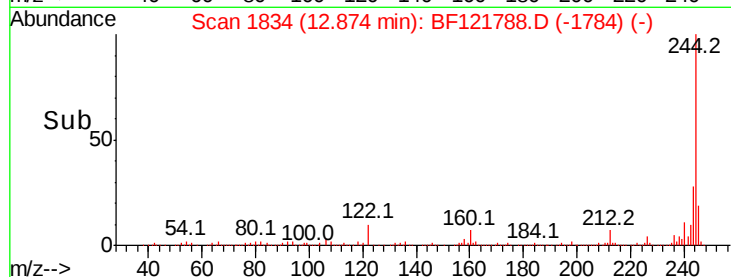
122 9.8 8.1 12.1



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121788.D

Acq: 2 Oct 2020 11:59

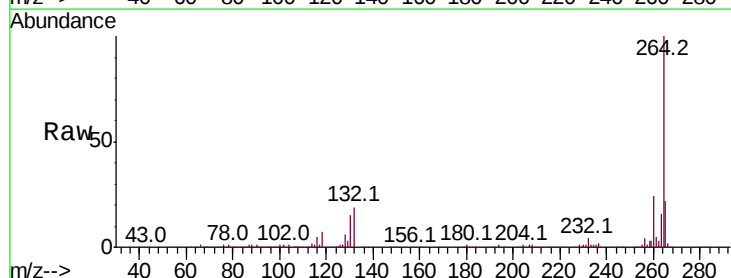
Tgt Ion:264 Resp: 462587

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.6 17.3 25.9



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

