

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118855.D
 Acq On : 7 Feb 2020 17:22
 Operator : CG/JU
 Sample : L1365-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-020520

Quant Time: Feb 08 05:16:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	232326	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	885369	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	486505	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	812453	20.00	ng	0.00
76) Chrysene-d12	13.97	240	688481	20.00	ng	-0.01
87) Perylene-d12	15.42	264	767884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1378829	112.34	ng	0.01
7) Phenol-d6	6.45	99	1481215	97.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	1207085	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	664906	114.22	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2482501	91.22	ng	0.00
79) Terphenyl-d14	12.92	244	2685790	80.13	ng	0.00

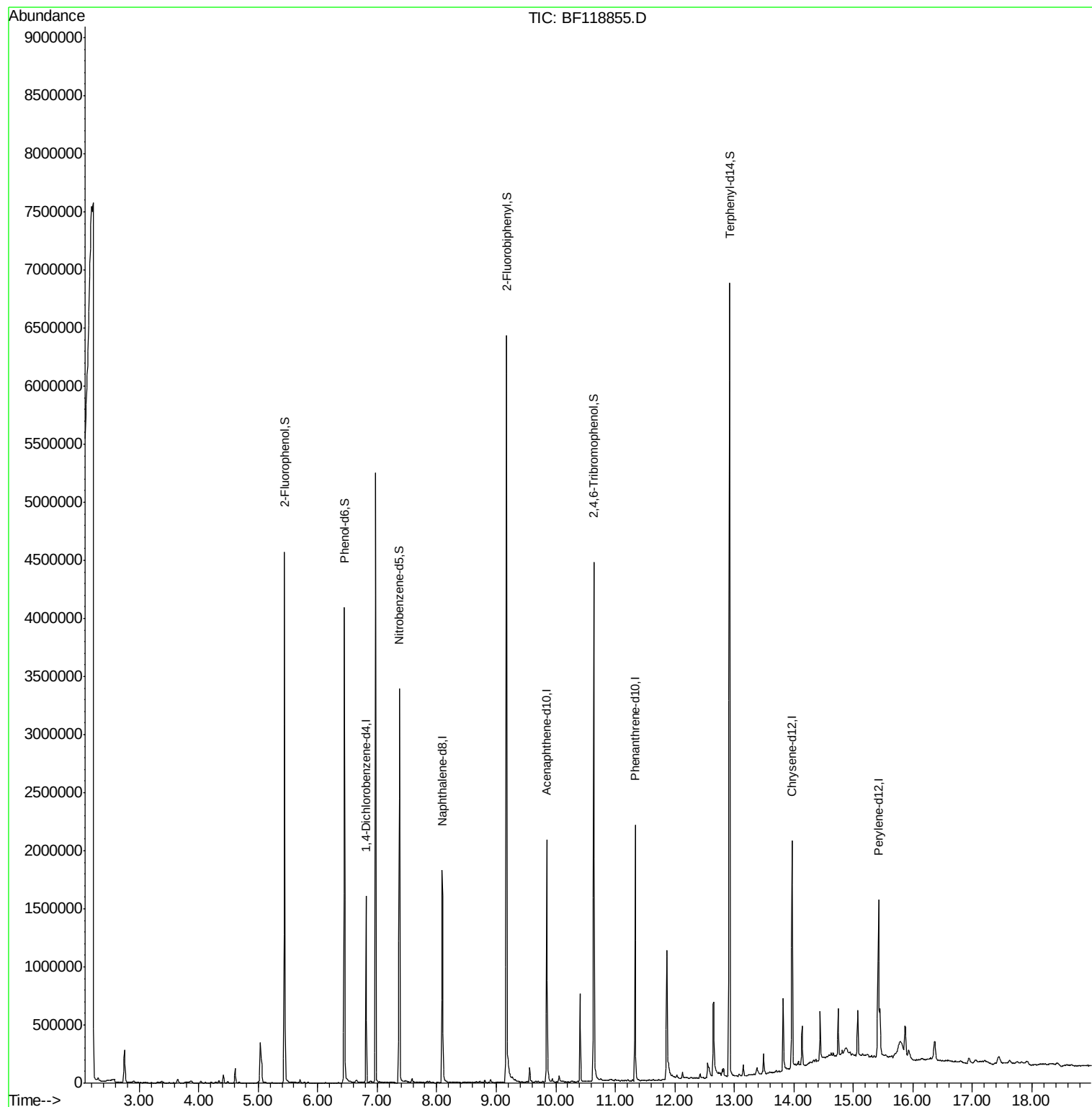
Target Compounds Qvalue

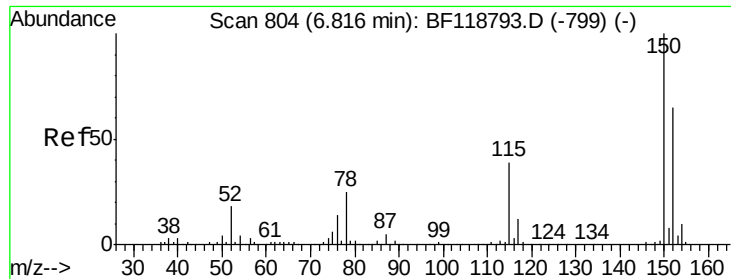
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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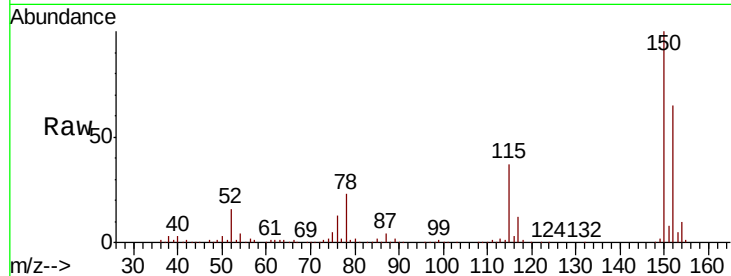


#1

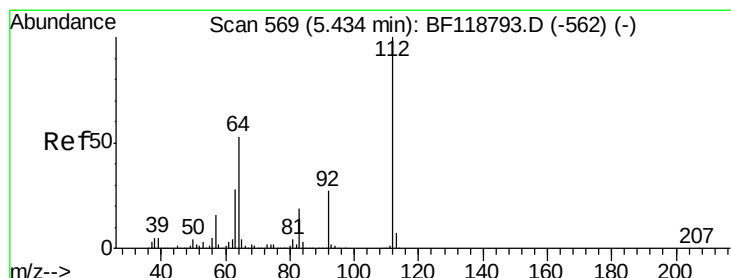
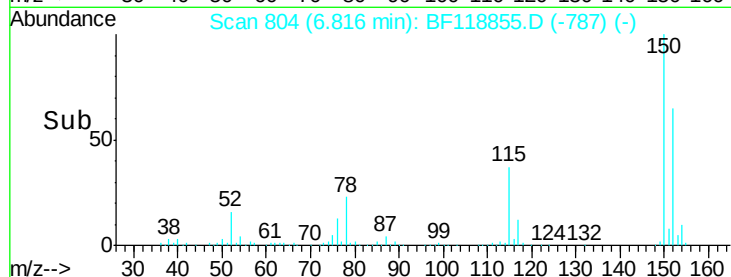
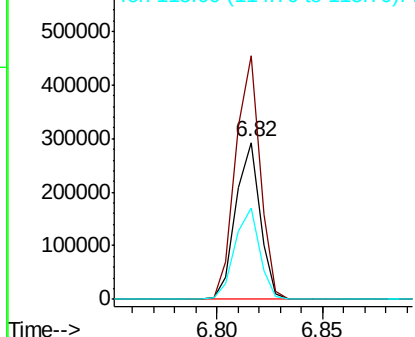
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Instrument :
BNA_F
ClientSampleId :
CL-01-020520

Tot Ion:152 Resp: 232326
Ion Ratio Lower Upper
152 100
150 155.0 123.6 185.4
115 57.9 48.2 72.2



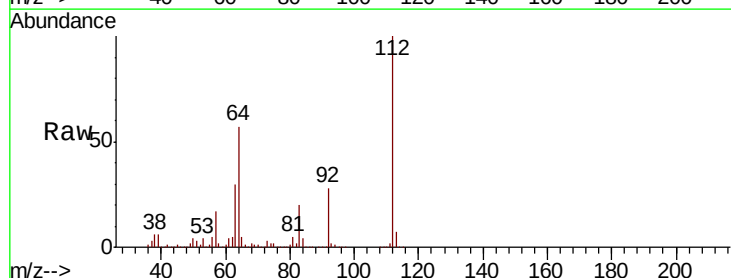
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



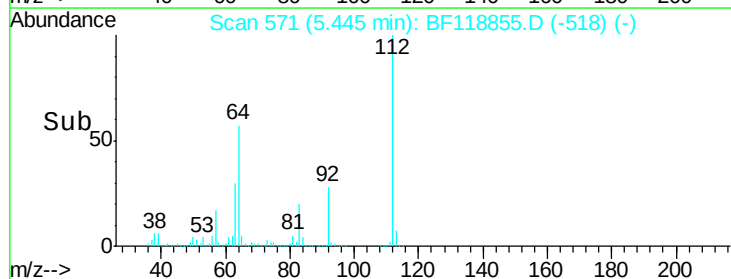
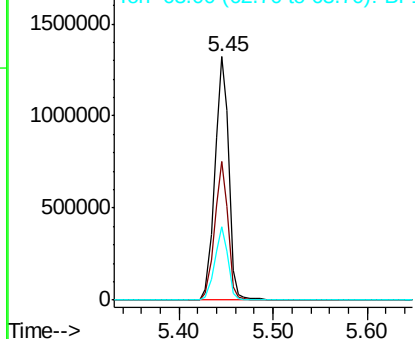
#5

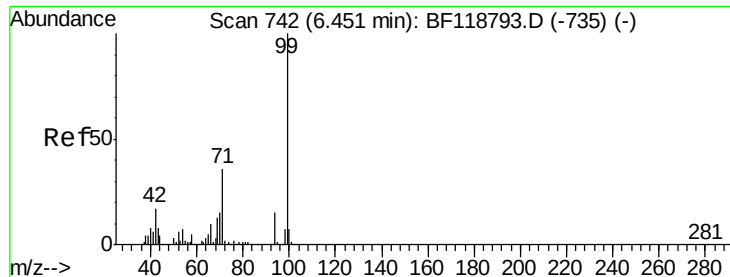
2-Fluorophenol
Concen: 112.343 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Tgt Ion:112 Resp: 1378829
Ion Ratio Lower Upper
112 100
64 56.9 42.6 63.8
63 30.2 22.2 33.4



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: 97.221 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Instrument :

BNA_F

ClientSampleId :

CL-01-020520

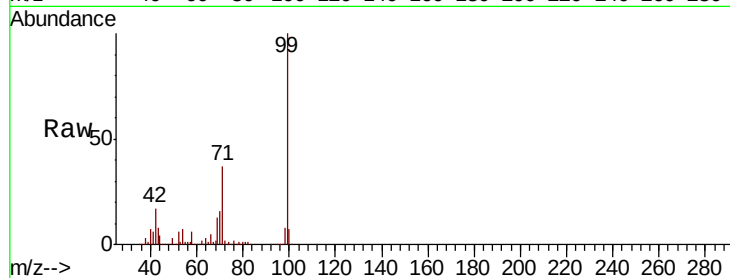
Tot Ion: 99 Resp: 1481215

Ion Ratio Lower Upper

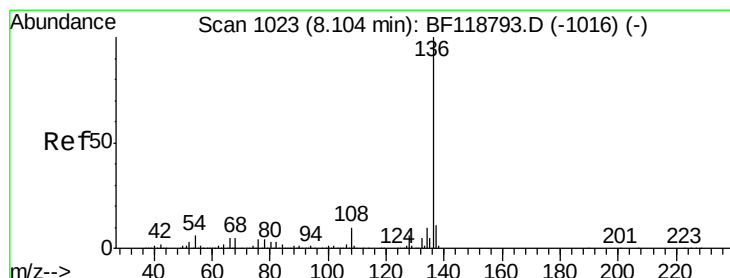
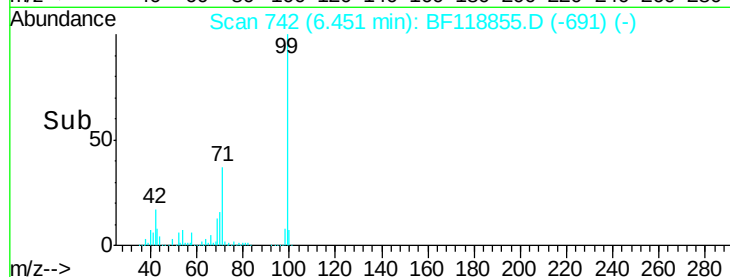
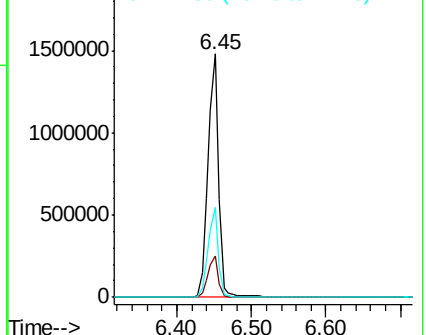
99 100

42 16.9 13.4 20.0

71 36.8 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: BF118855.D

Acq: 7 Feb 2020 17:22

Tgt Ion: 136 Resp: 885369

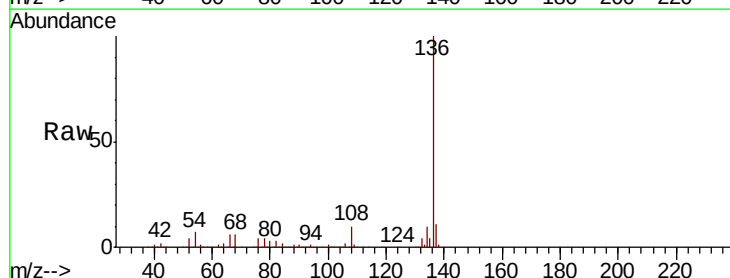
Ion Ratio Lower Upper

136 100

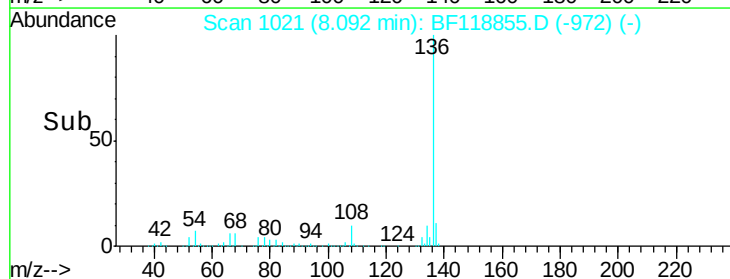
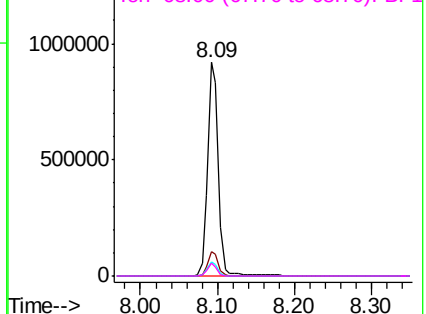
137 11.4 8.7 13.1

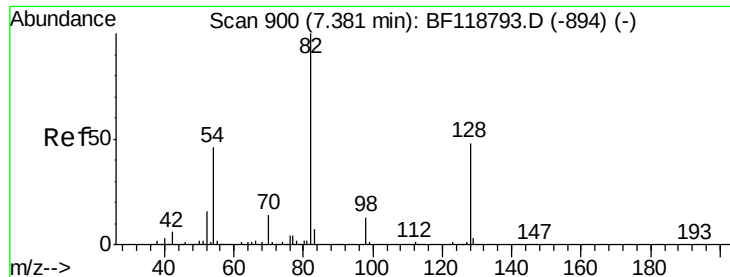
54 6.8 5.0 7.6

68 5.8 4.2 6.4



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

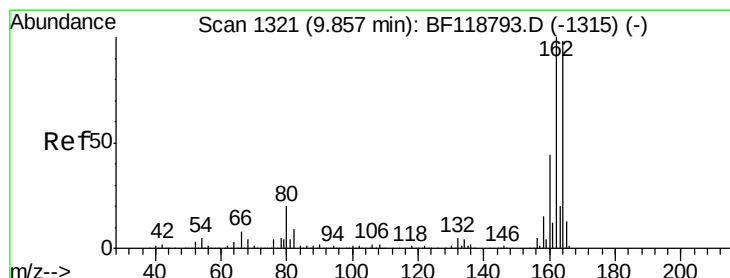
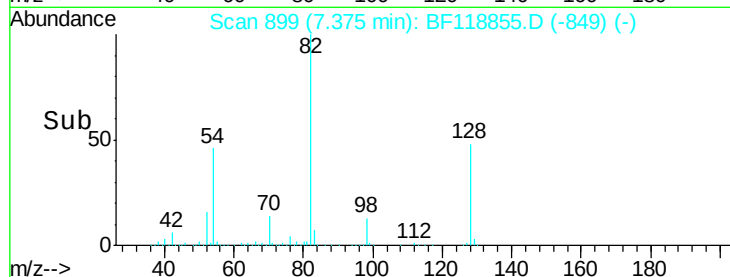
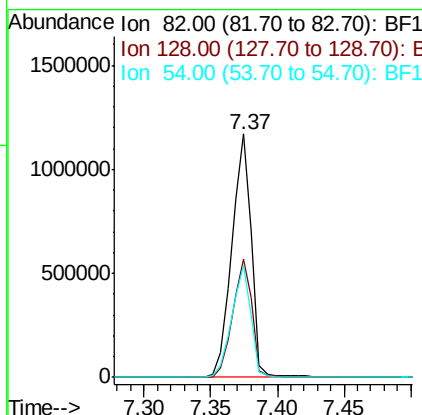
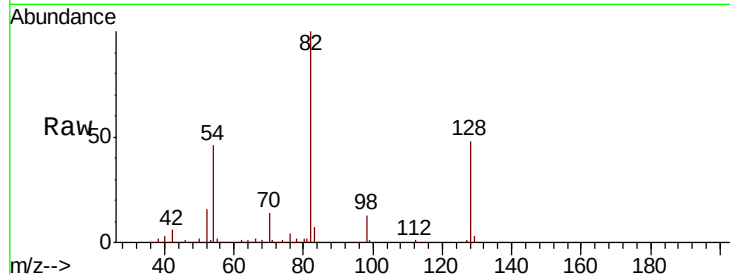




#23
 Nitrobenzene-d5
 Concen: 81.264 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118855.D
 Acq: 7 Feb 2020 17:22

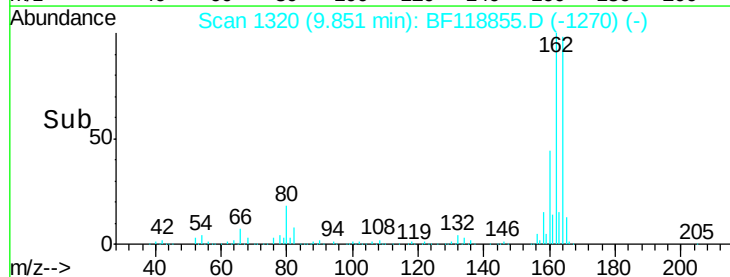
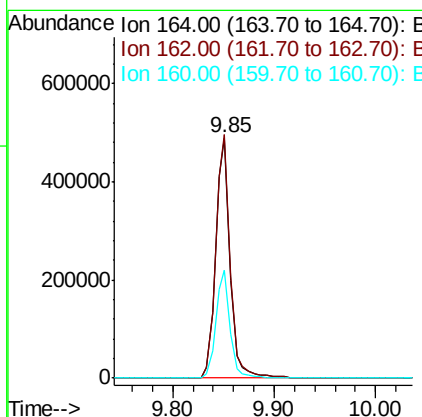
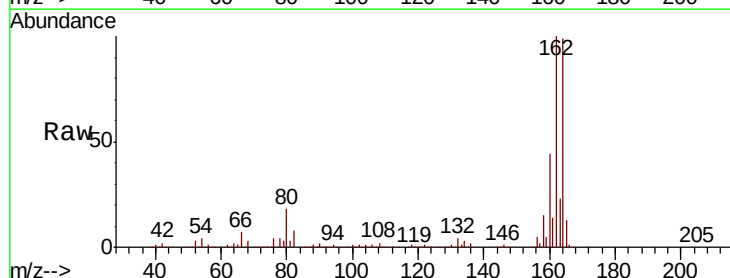
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-020520

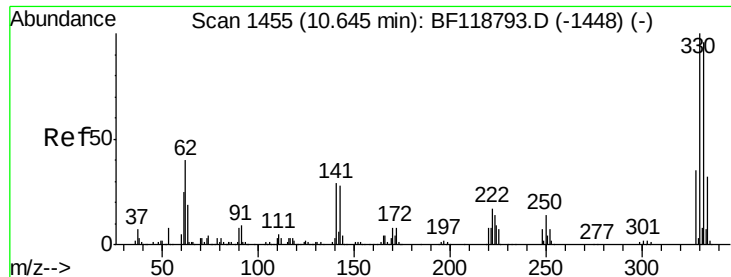
Tot Ion: 82 Resp: 1207085
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.5 57.7
 54 45.7 36.7 55.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF118855.D
 Acq: 7 Feb 2020 17:22

Tgt Ion:164 Resp: 486505
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.4 122.2
 160 45.1 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 114.222 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Instrument :

BNA_F

ClientSampleId :

CL-01-020520

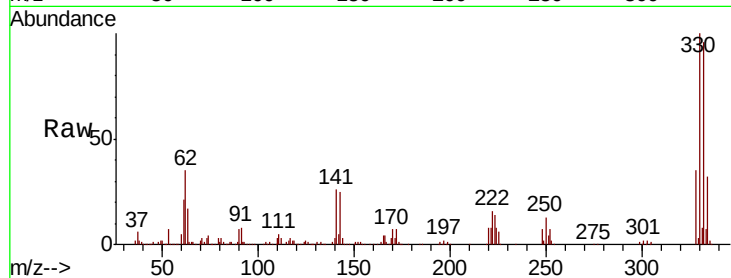
Tot Ion:330 Resp: 664906

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

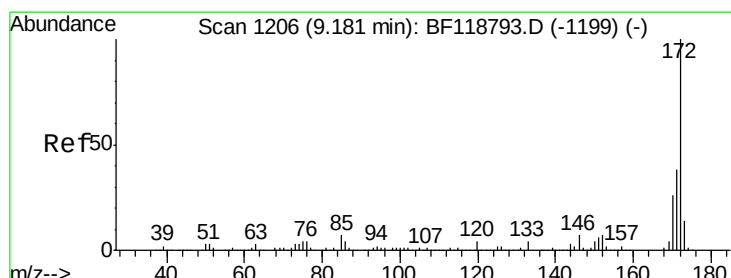
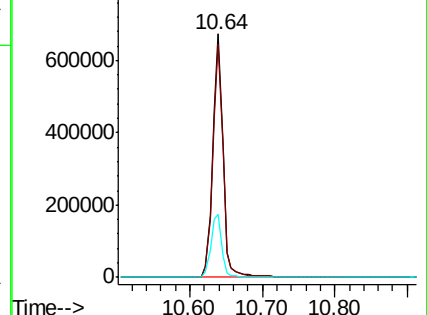
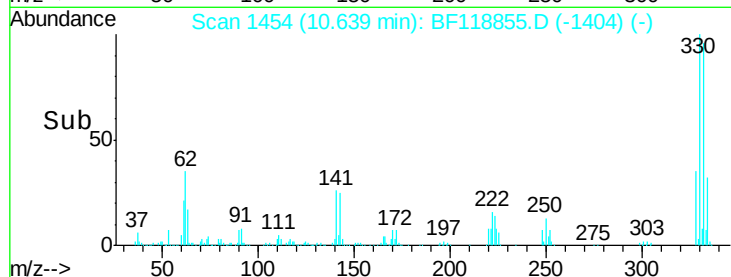
141 28.0 22.4 33.6



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: 91.221 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

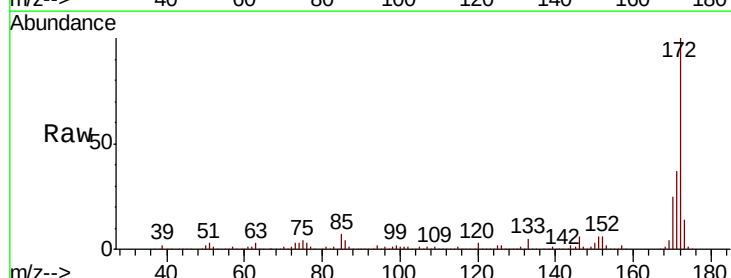
Tgt Ion:172 Resp: 2482501

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

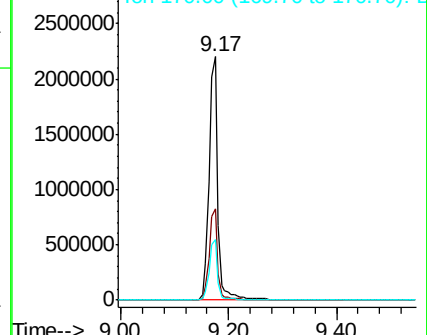
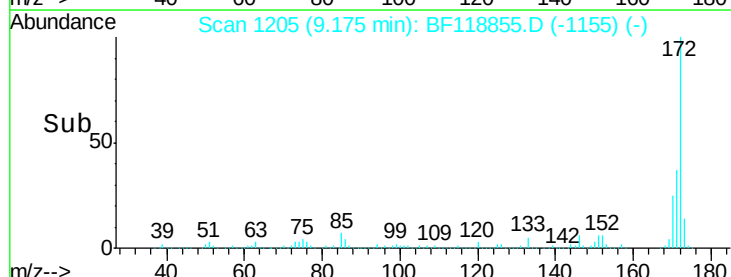
170 25.0 20.5 30.7

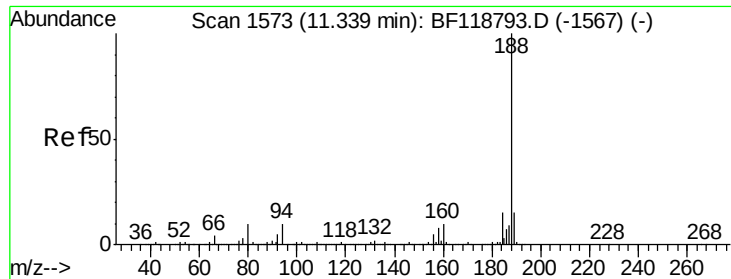


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

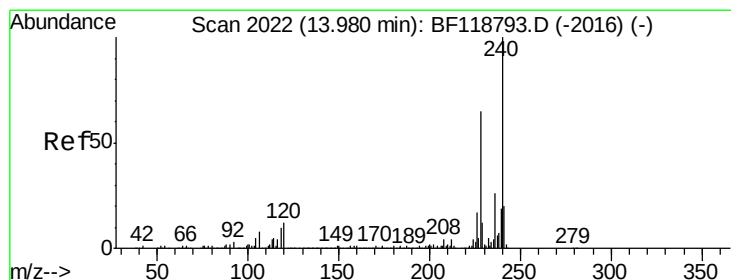
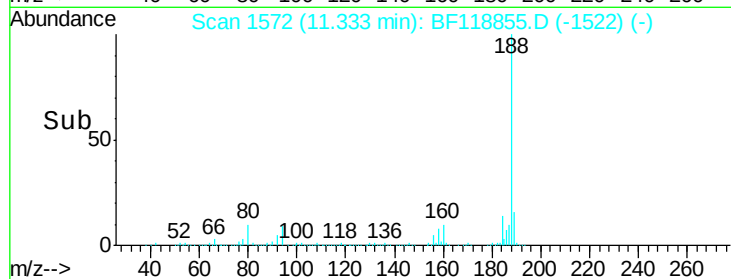
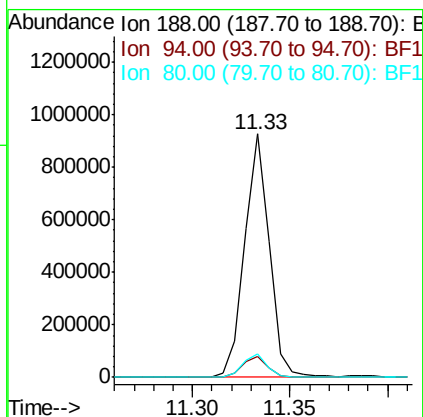
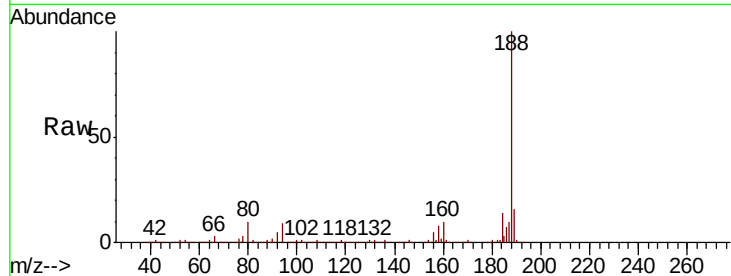




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

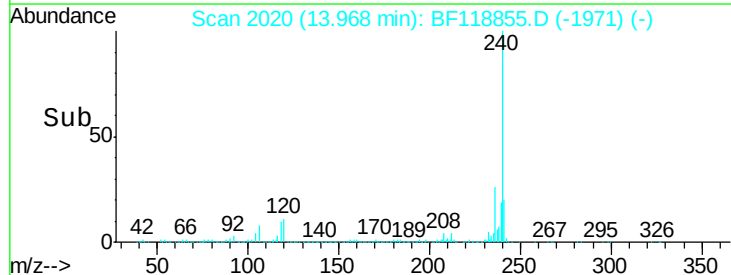
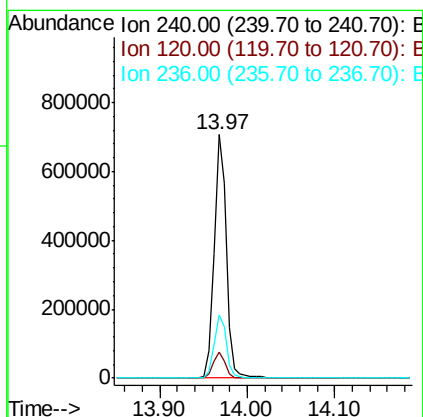
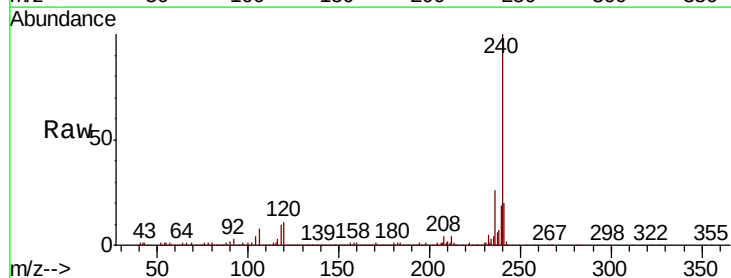
Instrument :
BNA_F
ClientSampleId :
CL-01-020520

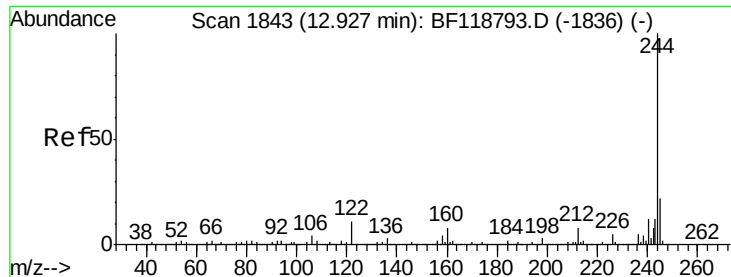
Tot Ion:188 Resp: 812453
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.8 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118855.D
Acq: 7 Feb 2020 17:22

Tgt Ion:240 Resp: 688481
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.0
236 26.1 21.0 31.6





#79

Terphenyl-d14

Concen: 80.129 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Instrument :

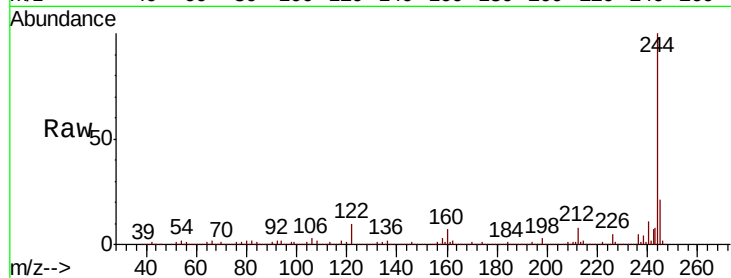
BNA_F

ClientSampleId :

CL-01-020520

Tot Ion:244 Resp: 2685790

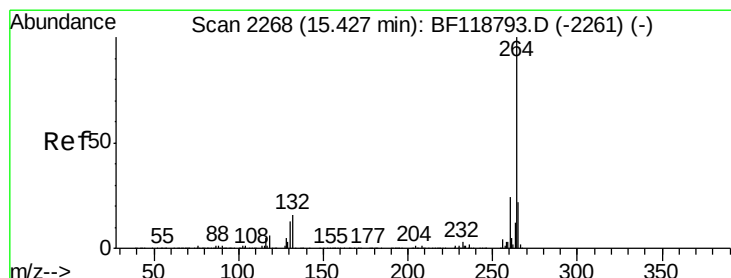
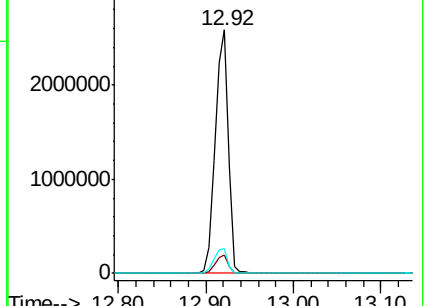
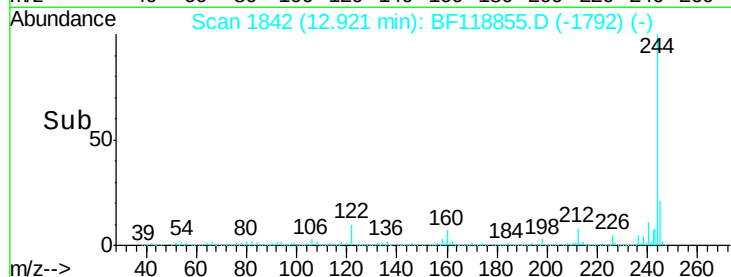
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.0	8.9	13.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

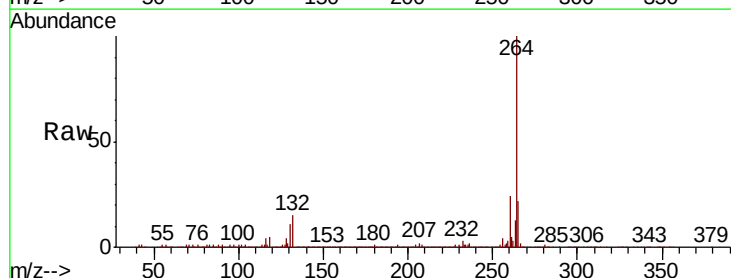
Delta R.T. -0.01 min

Lab File: BF118855.D

Acq: 7 Feb 2020 17:22

Tgt Ion:264 Resp: 767884

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.9	17.2	25.8



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

