

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119263.D
 Acq On : 6 Mar 2020 21:39
 Operator : CG/JU
 Sample : L1753-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-030520

Quant Time: Mar 07 02:45:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	105031	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	397946	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	221249	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	421072	20.00	ng	0.00
76) Chrysene-d12	13.88	240	349942	20.00	ng	0.00
87) Perylene-d12	15.30	264	333156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	726670	115.62	ng	0.01
7) Phenol-d6	6.38	99	749532	98.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	683719	90.72	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	399053	137.88	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1344995	89.56	ng	0.00
79) Terphenyl-d14	12.83	244	1900877	93.52	ng	0.00

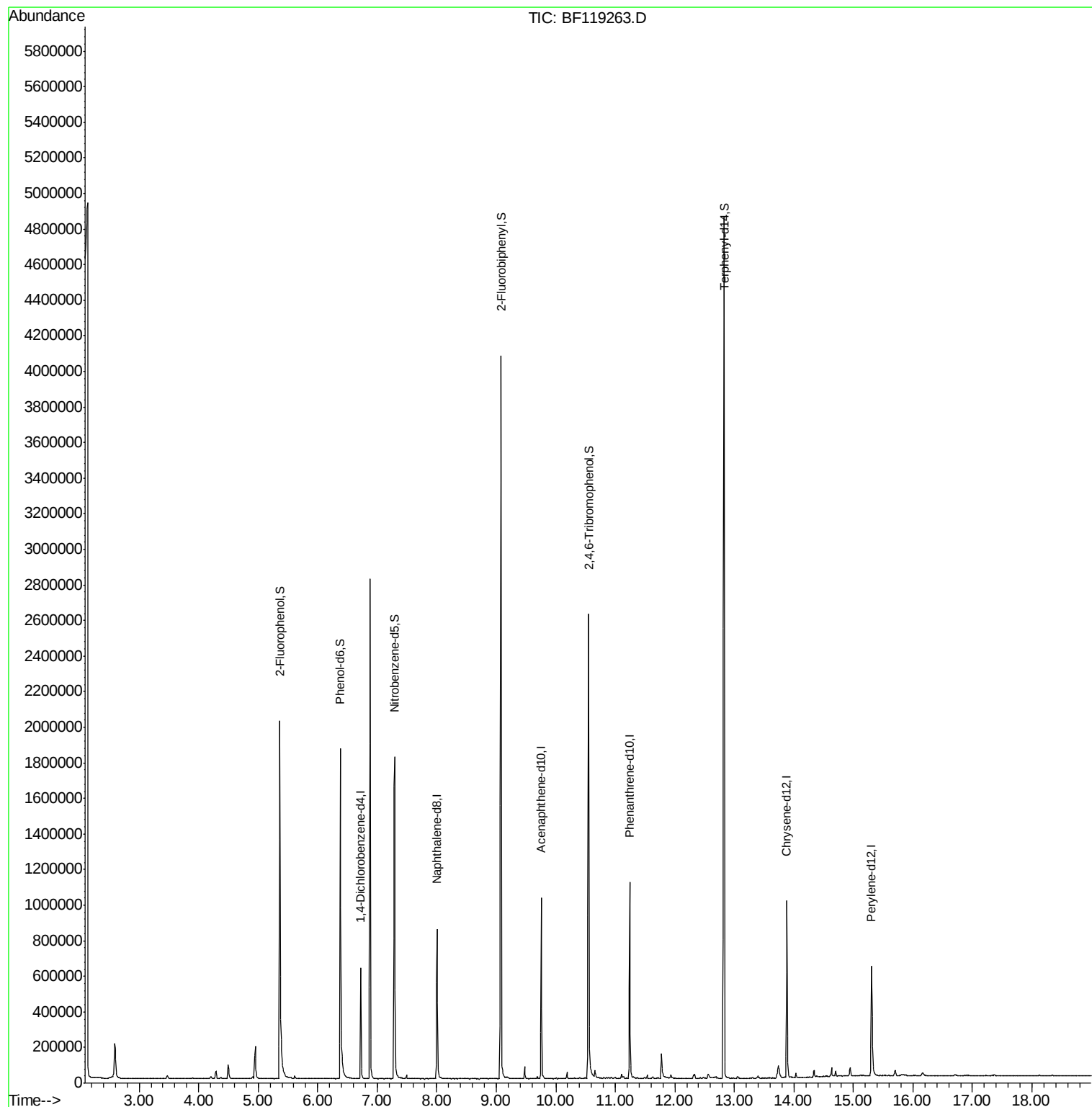
Target Compounds Qvalue

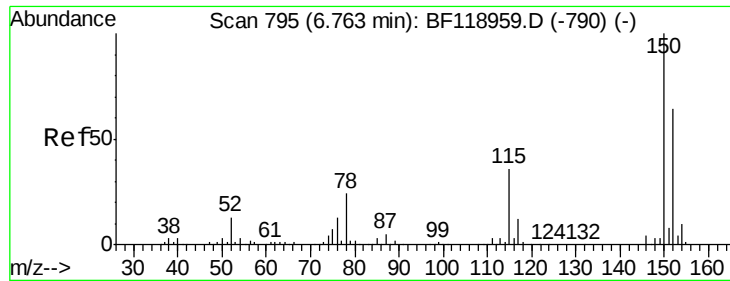
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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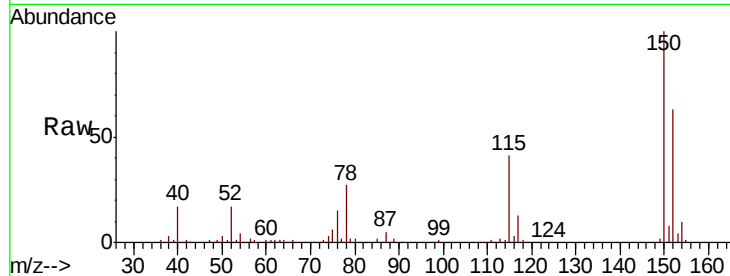


#1

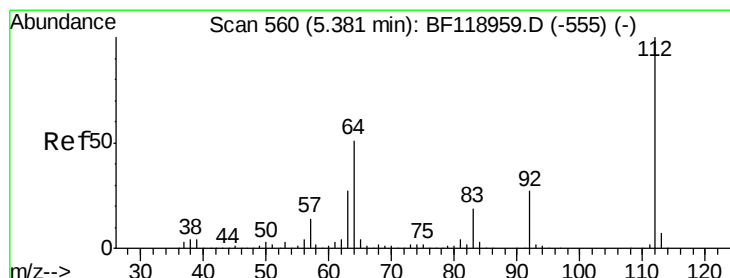
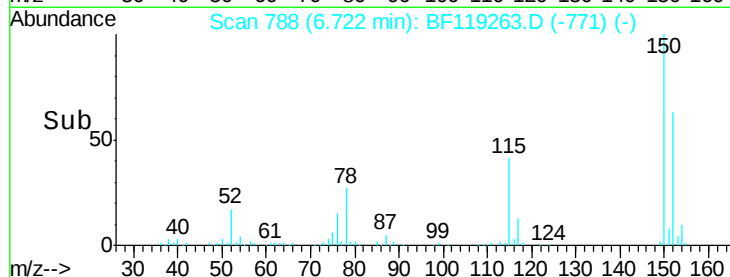
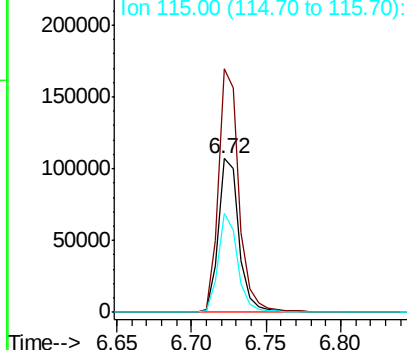
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Instrument :
BNA_F
ClientSampleId :
CL-01-030520

Tot Ion:152 Resp: 105031
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 64.8 49.5 74.3



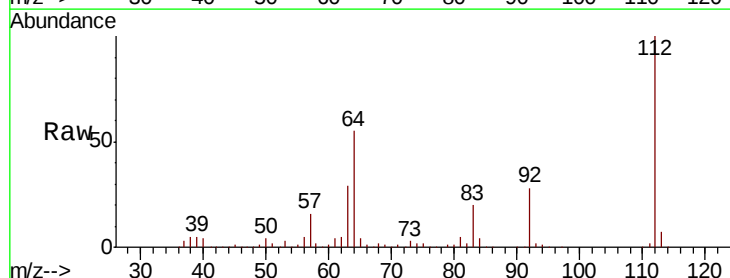
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



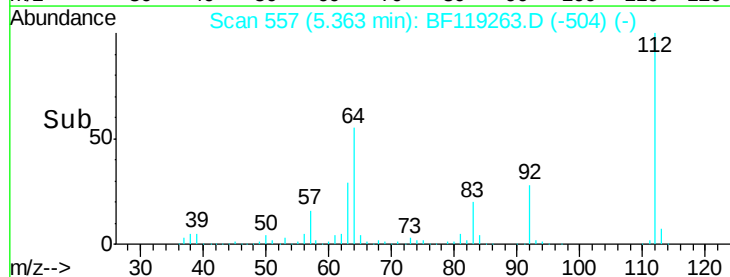
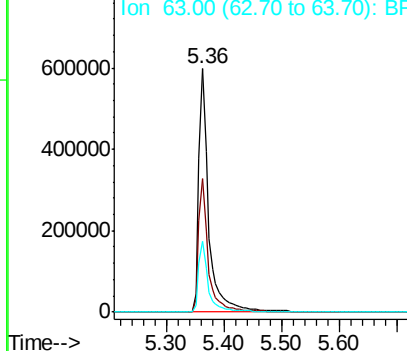
#5

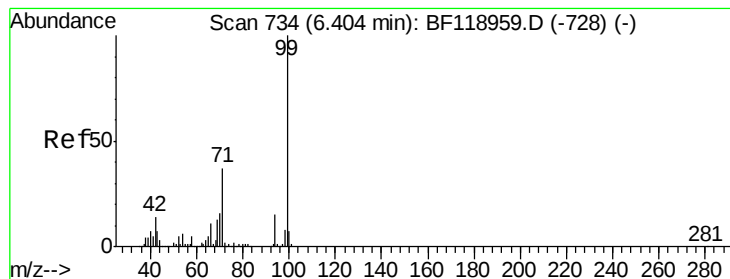
2-Fluorophenol
Concen: 115.622 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion:112 Resp: 726670
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 29.1 24.2 36.4



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: 98.061 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

Instrument :

BNA_F

ClientSampleId :

CL-01-030520

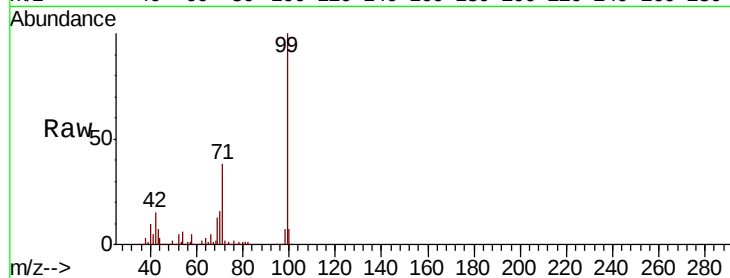
Tot Ion: 99 Resp: 749532

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

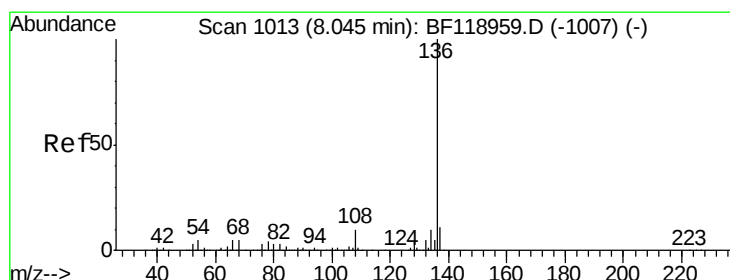
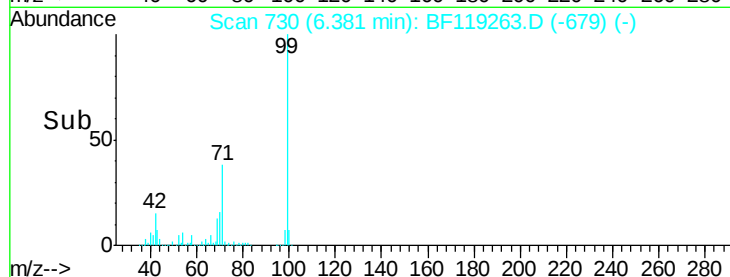
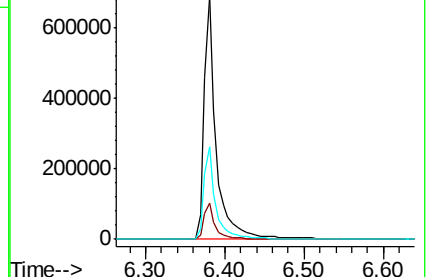
71 38.2 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

Tgt Ion: 136 Resp: 397946

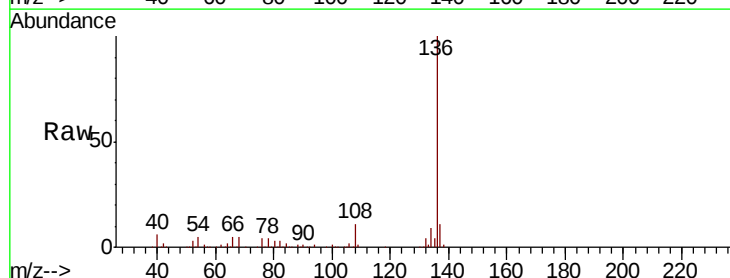
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.7 3.8 5.6

68 5.0 3.9 5.9

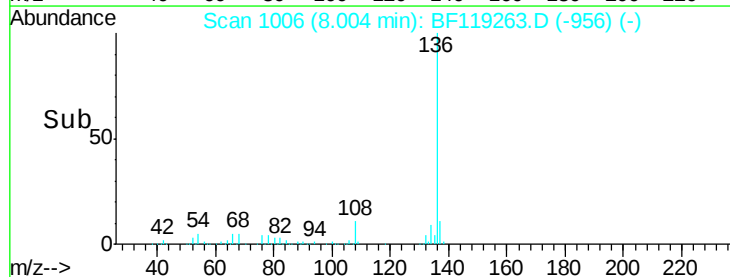
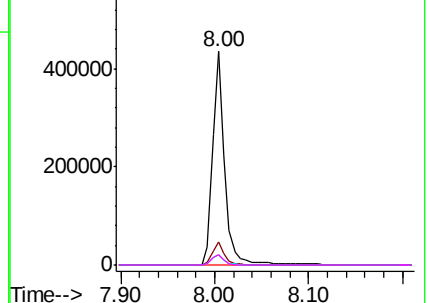


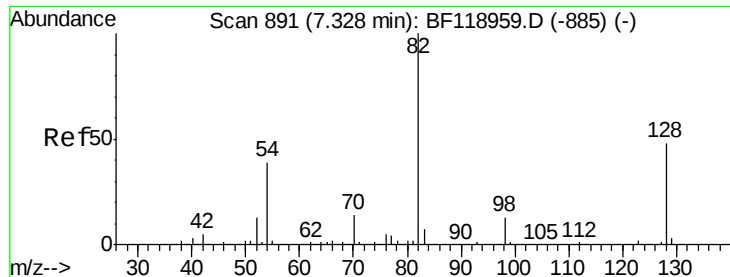
Abundance Ion 136.00 (135.70 to 136.70): E

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

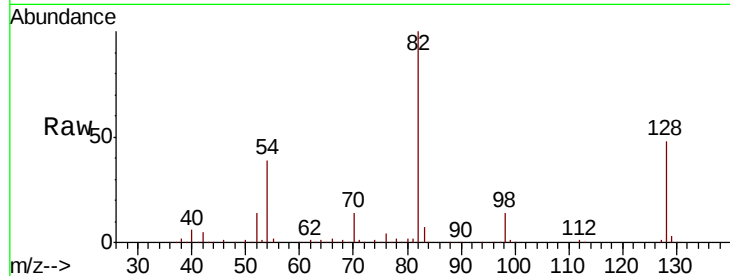




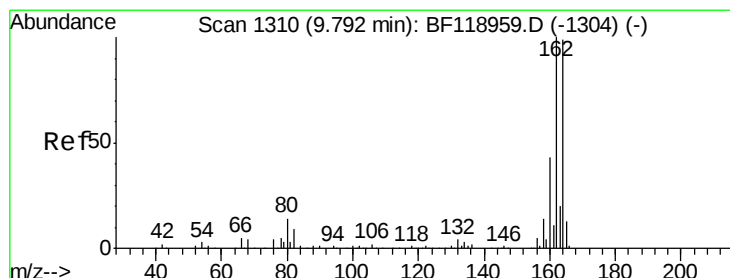
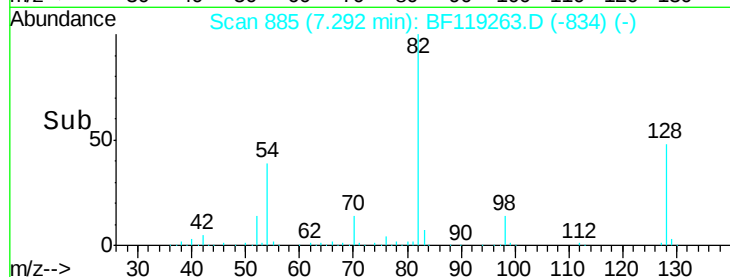
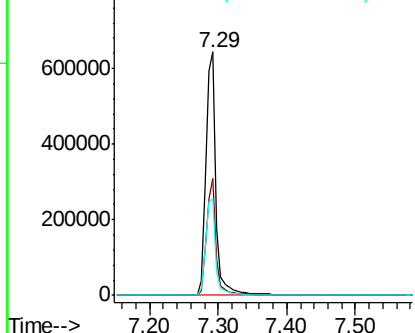
#23
Nitrobenzene-d5
Concen: 90.717 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Instrument :
BNA_F
ClientSampleId :
CL-01-030520

Tot Ion: 82 Resp: 683719
Ion Ratio Lower Upper
82 100
128 47.9 37.9 56.9
54 39.5 33.4 50.2

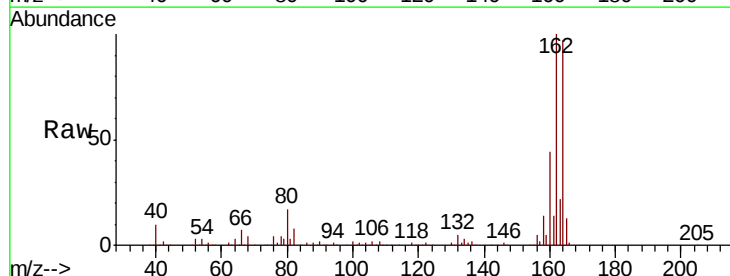


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

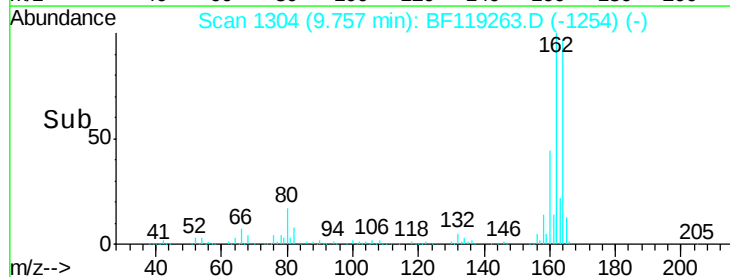
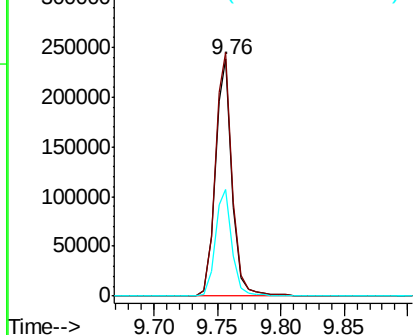


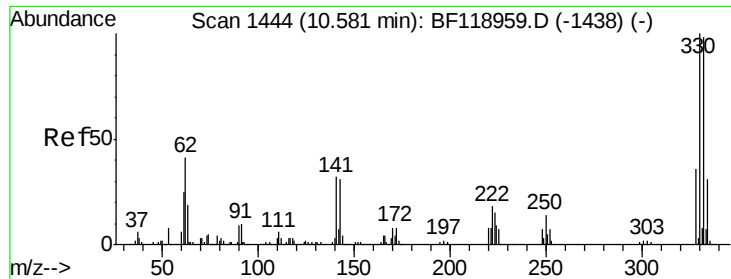
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion: 164 Resp: 221249
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.8
160 45.3 36.0 54.0



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: 137.875 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

Instrument :

BNA_F

ClientSampleId :

CL-01-030520

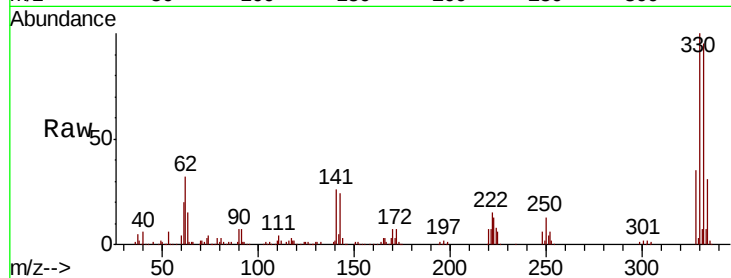
Tot Ion:330 Resp: 399053

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

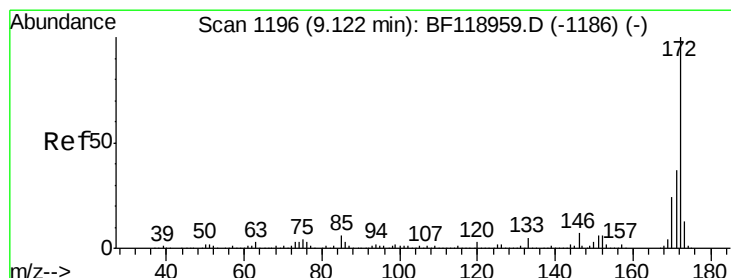
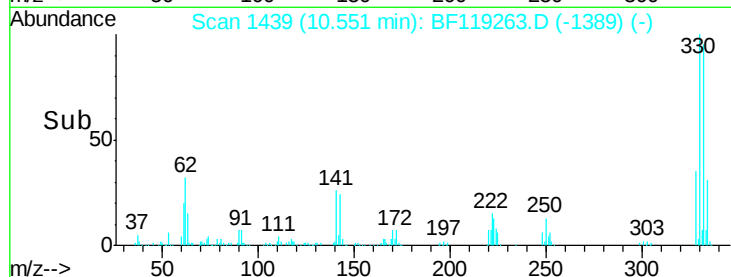
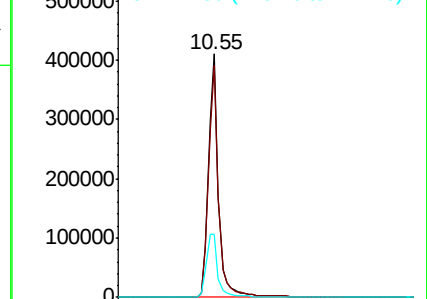
141 29.8 22.9 34.3



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: 89.556 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

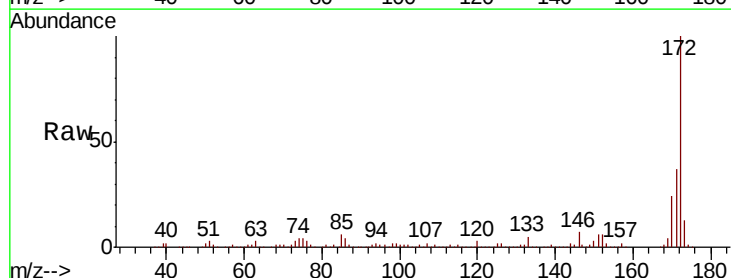
Tgt Ion:172 Resp: 1344995

Ion Ratio Lower Upper

172 100

171 36.8 30.6 45.8

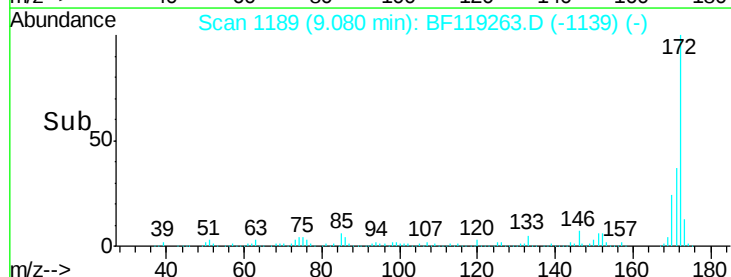
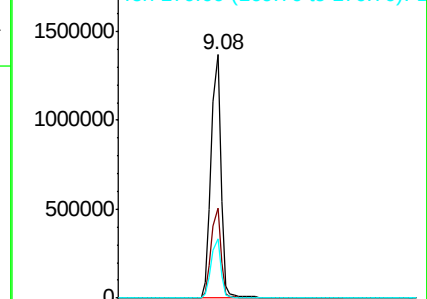
170 24.2 20.2 30.2

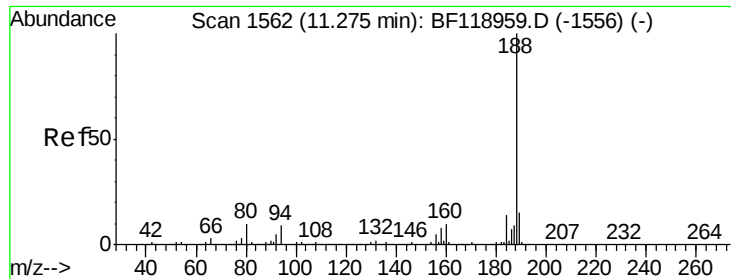


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

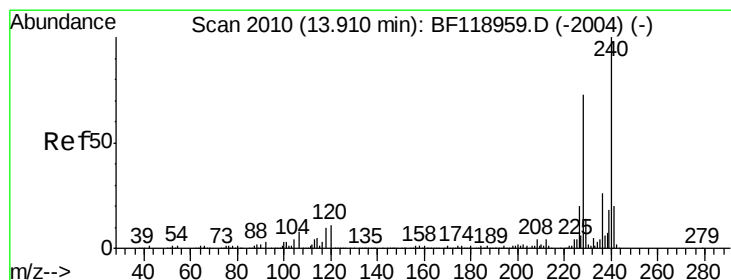
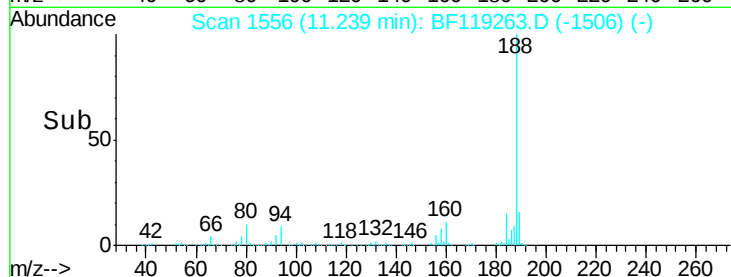
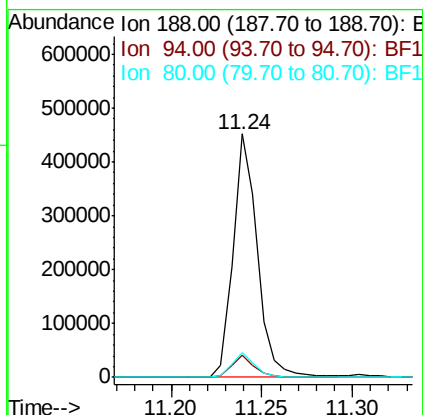
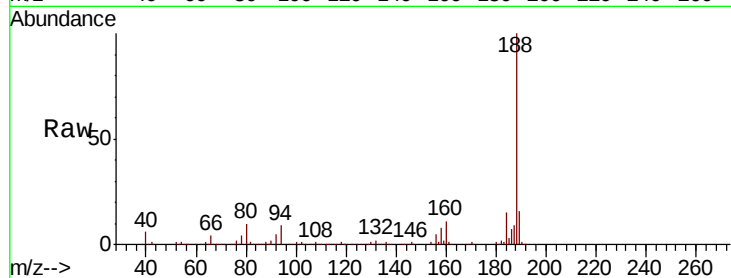




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

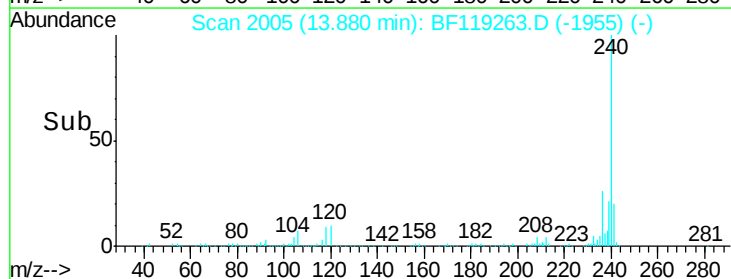
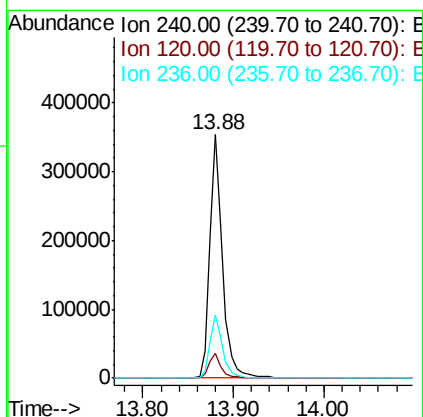
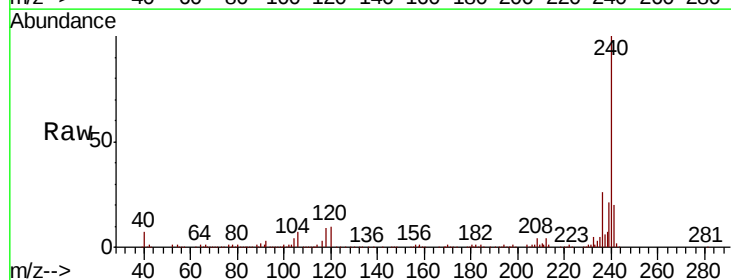
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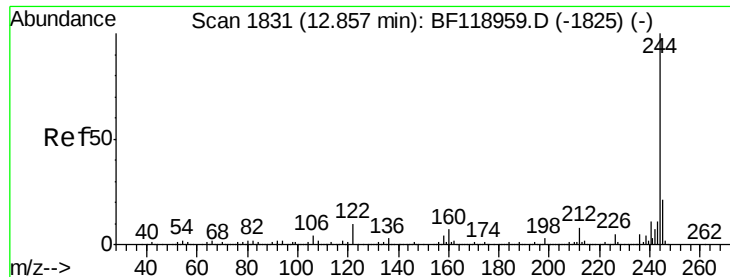
Tot Ion:188 Resp: 421072
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.0 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion:240 Resp: 349942
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 93.521 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

Instrument :

BNA_F

ClientSampleId :

CL-01-030520

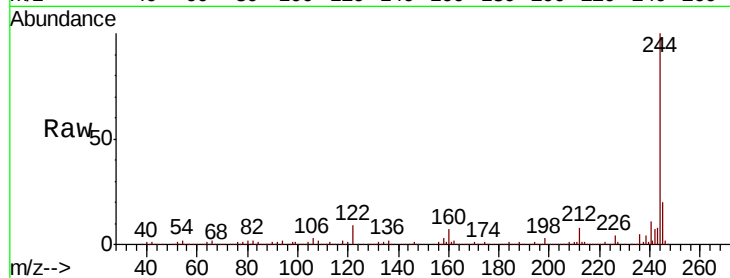
Tot Ion:244 Resp: 1900877

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

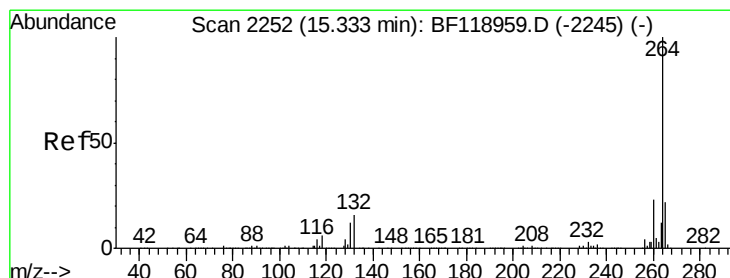
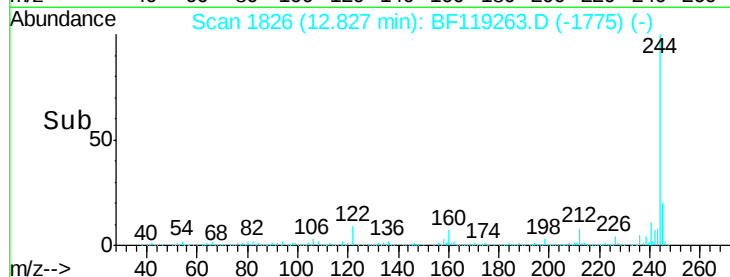
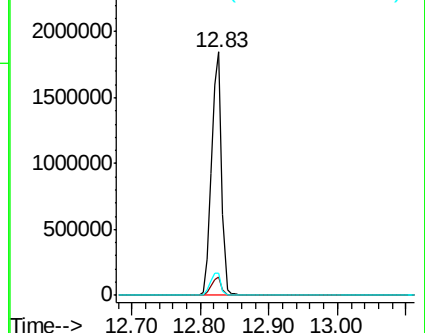
122 9.4 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

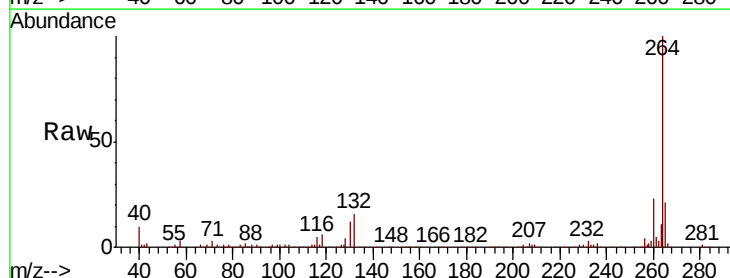
Tgt Ion:264 Resp: 333156

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.4 17.7 26.5



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

