

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119070.D
 Acq On : 25 Feb 2020 17:49
 Operator : CG/JU
 Sample : L1644-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0179-COMP-SL-C-ELUTRIATE

Quant Time: Feb 26 03:07:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	185813	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	725678	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	412148	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	785582	20.00	ng	0.00
76) Chrysene-d12	13.90	240	656429	20.00	ng	0.00
87) Perylene-d12	15.33	264	578725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	163279	14.69	ng	0.00
7) Phenol-d6	6.39	99	153392	11.34	ng	-0.01
23) Nitrobenzene-d5	7.31	82	218074	15.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	134064	24.87	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	504152	18.02	ng	-0.02
79) Terphenyl-d14	12.84	244	684485	17.95	ng	-0.01

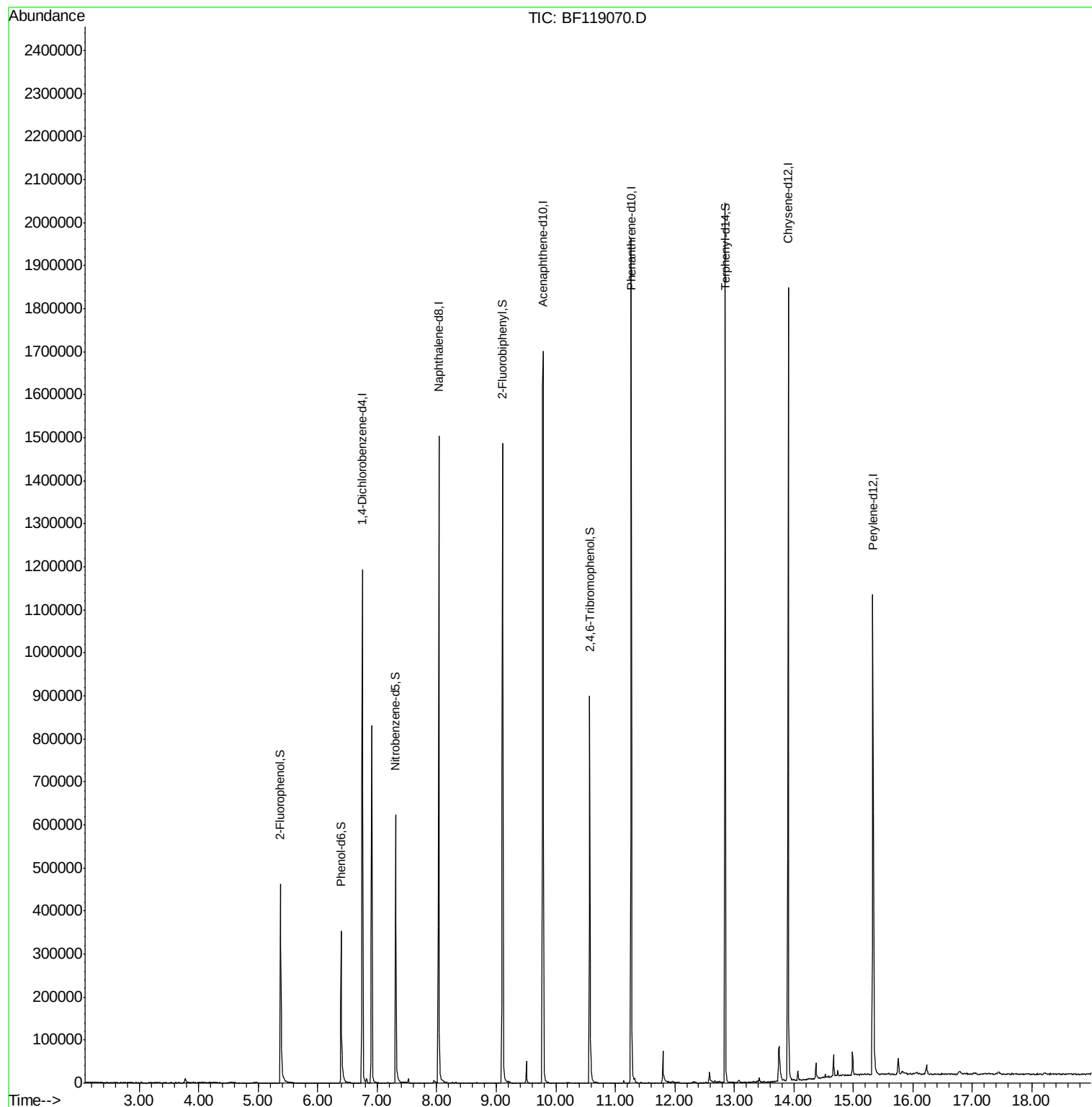
Target Compounds Qvalue

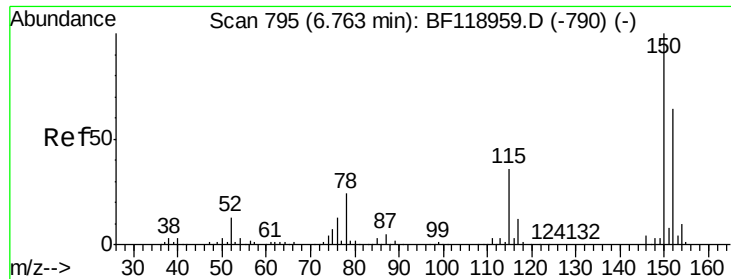
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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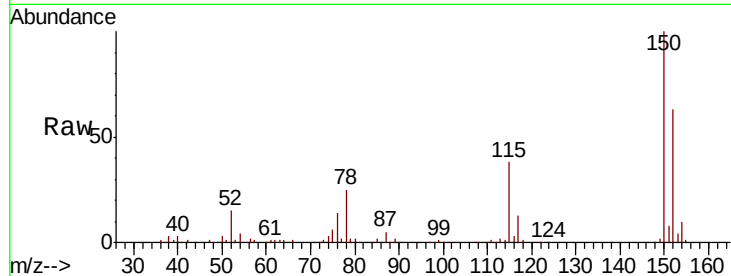


#1

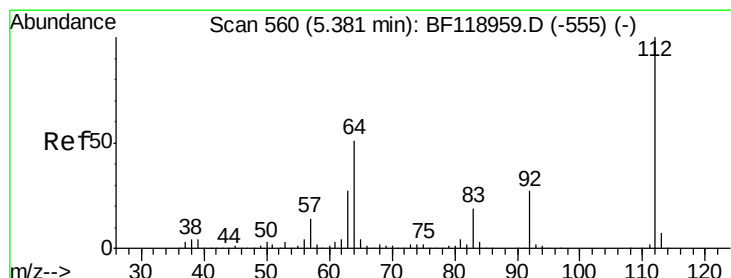
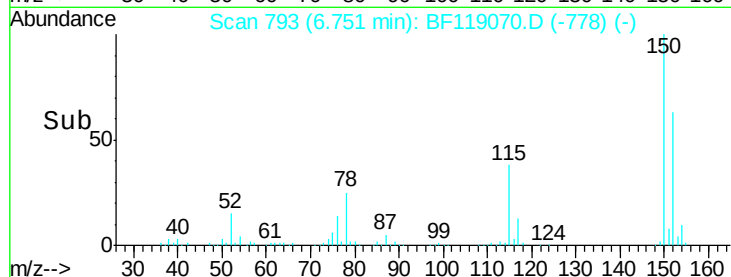
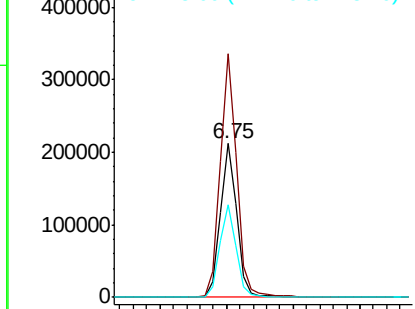
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119070.D
Acq: 25 Feb 2020 17:49

Instrument :
BNA_F
ClientSampleId :
0179-COMP-SL-C-ELUTRIATE

Tot Ion:152 Resp: 185813
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 60.7 44.6 67.0



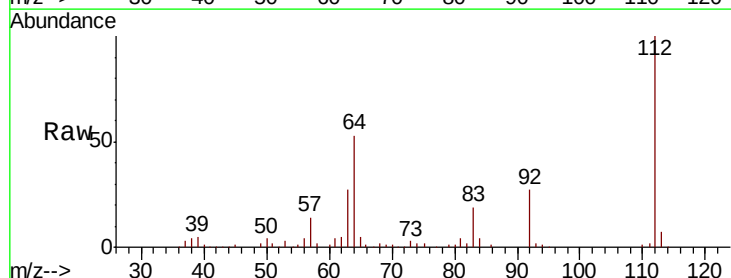
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



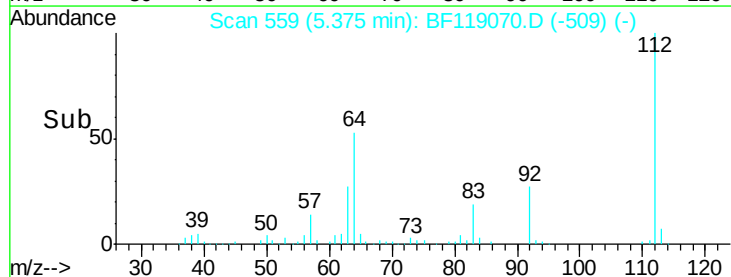
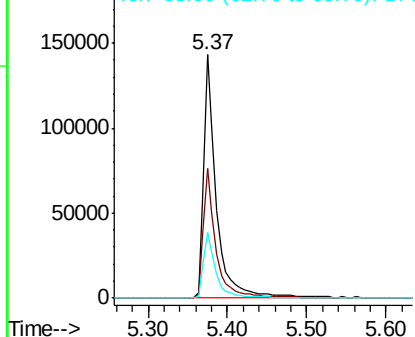
#5

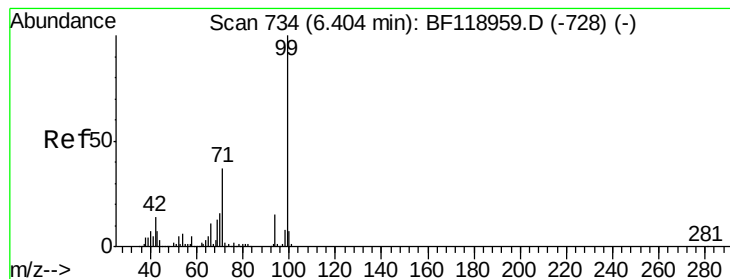
2-Fluorophenol
Concen: 14.685 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF119070.D
Acq: 25 Feb 2020 17:49

Tgt Ion:112 Resp: 163279
Ion Ratio Lower Upper
112 100
64 53.1 40.4 60.6
63 27.0 21.3 31.9



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: 11.344 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119070.D

Acq: 25 Feb 2020 17:49

Instrument :

BNA_F

ClientSampleId :

0179-COMP-SL-C-ELUTRIATE

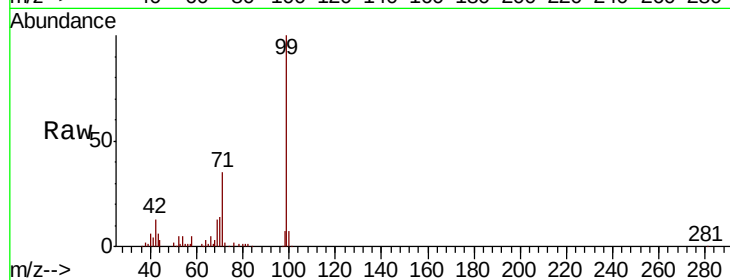
Tot Ion: 99 Resp: 153392

Ion Ratio Lower Upper

99 100

42 13.0 11.4 17.0

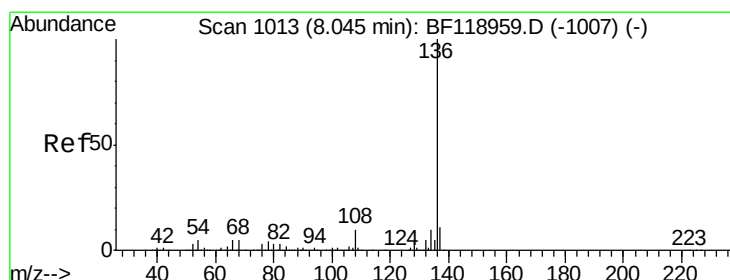
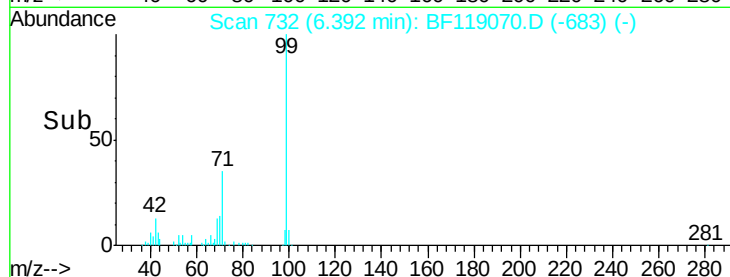
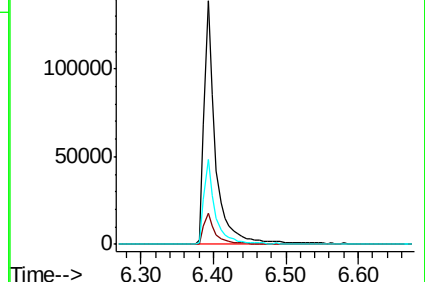
71 35.1 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119070.D

Acq: 25 Feb 2020 17:49

Tgt Ion: 136 Resp: 725678

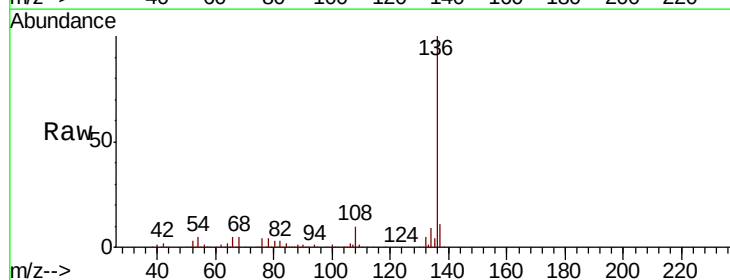
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 4.8 3.8 5.6

68 4.9 4.2 6.2

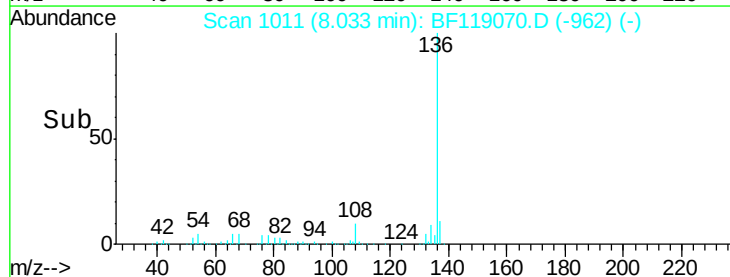
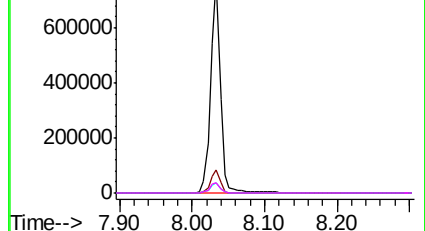


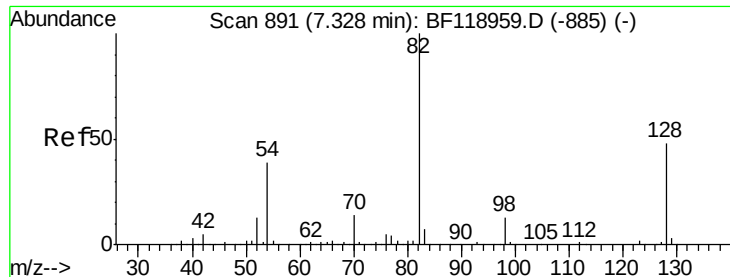
Abundance Ion 136.00 (135.70 to 136.70): E

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

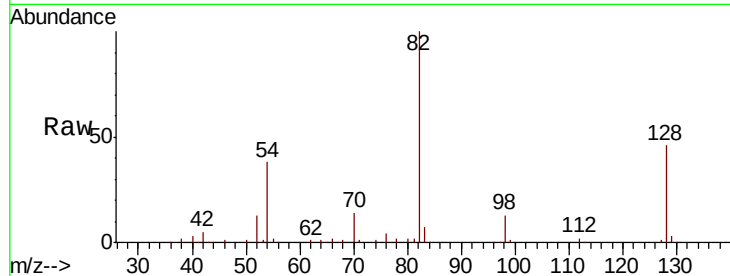




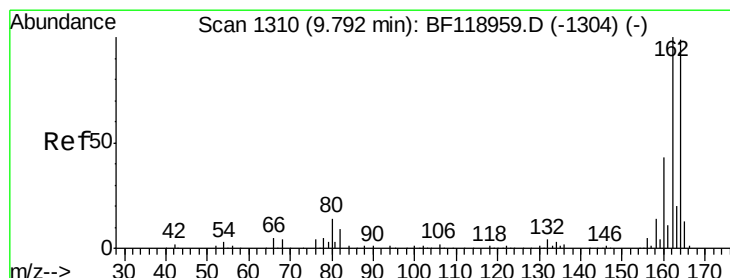
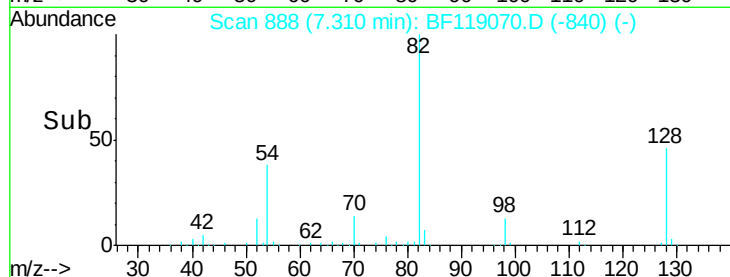
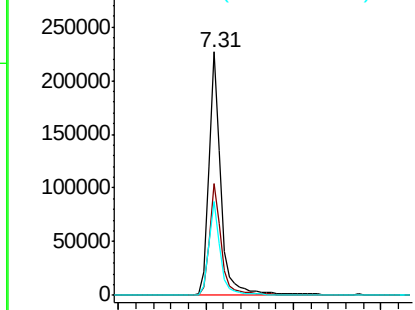
#23
Nitrobenzene-d5
Concen: 15.867 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF119070.D
Acq: 25 Feb 2020 17:49

Instrument :
BNA_F
ClientSampleId :
0179-COMP-SL-C-ELUTRIATE

Tot Ion: 82 Resp: 218074
Ion Ratio Lower Upper
82 100
128 45.9 38.2 57.2
54 38.3 31.3 46.9

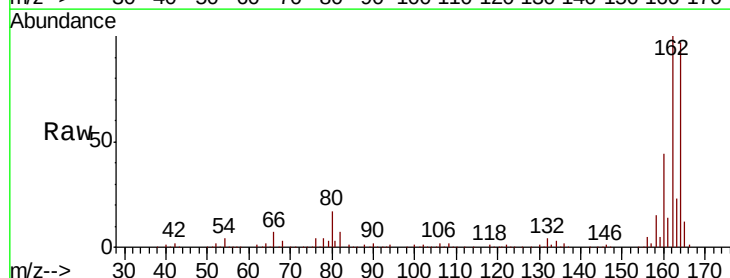


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

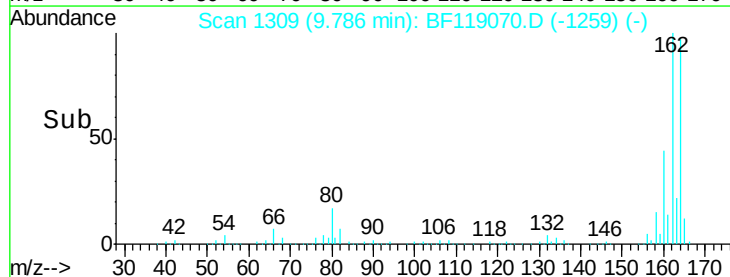
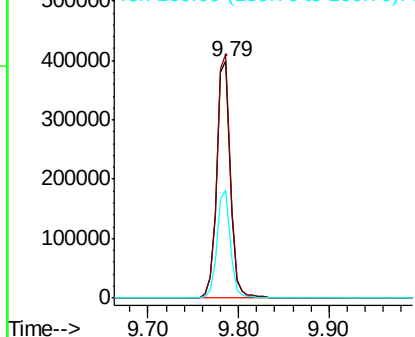


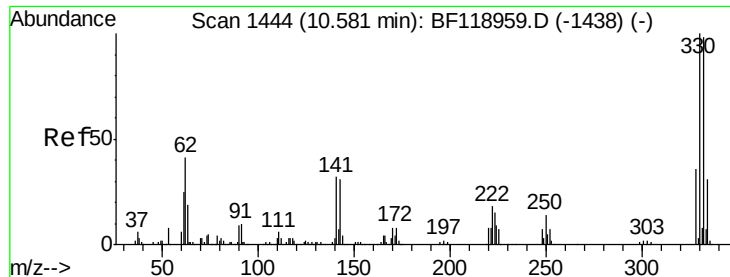
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119070.D
Acq: 25 Feb 2020 17:49

Tgt Ion: 164 Resp: 412148
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 45.7 35.2 52.8



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: 24.865 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119070.D

Acq: 25 Feb 2020 17:49

Instrument :

BNA_F

ClientSampleId :

0179-COMP-SL-C-ELUTRIATE

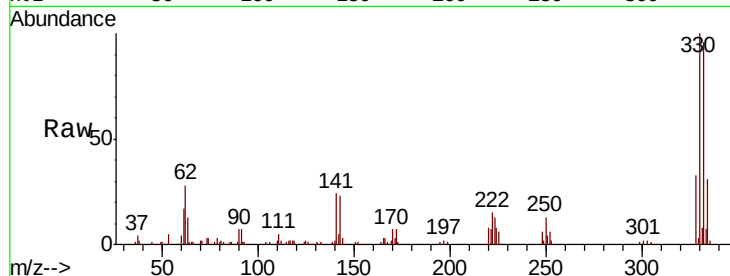
Tot Ion:330 Resp: 134064

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

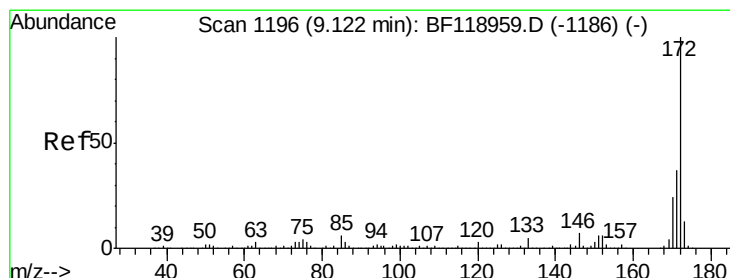
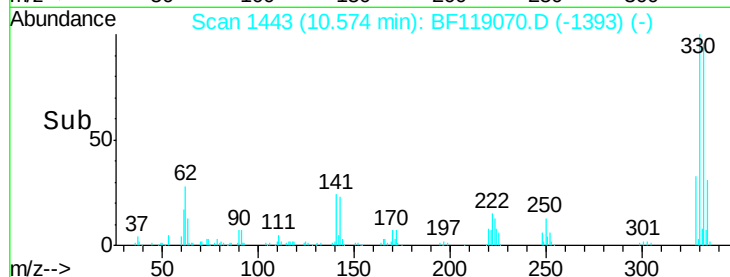
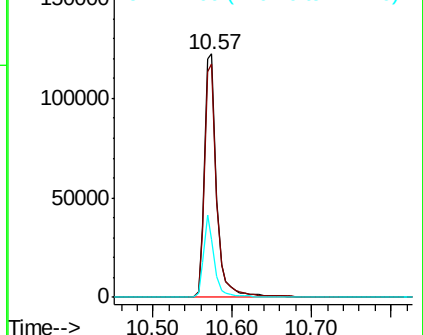
141 29.5 23.0 34.6



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: 18.020 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BF119070.D

Acq: 25 Feb 2020 17:49

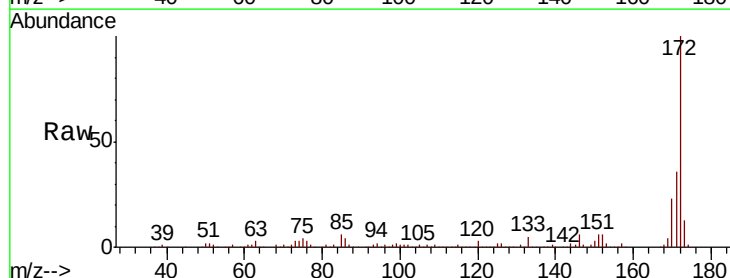
Tgt Ion:172 Resp: 504152

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.2

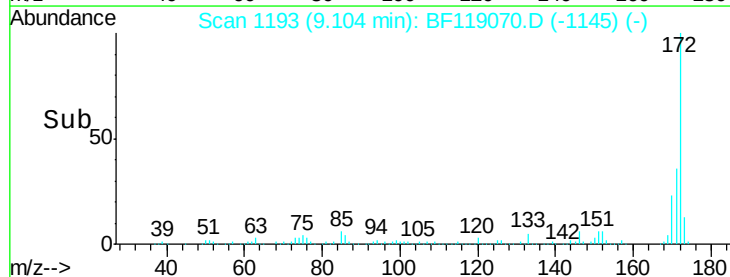
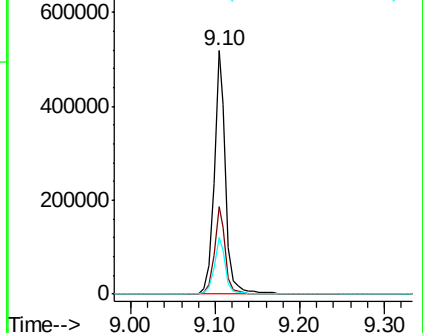
170 23.4 19.6 29.4

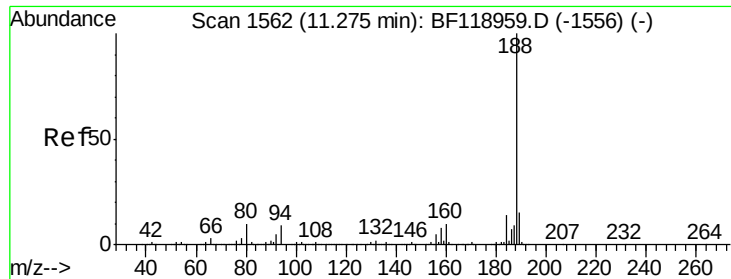


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

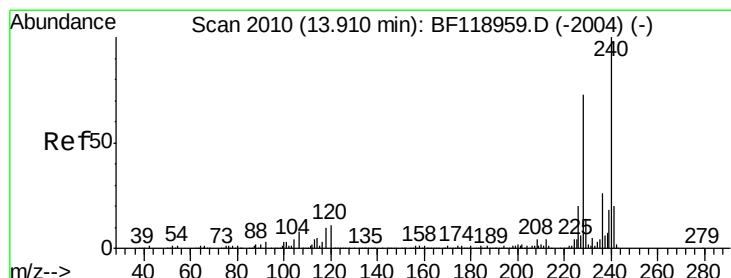
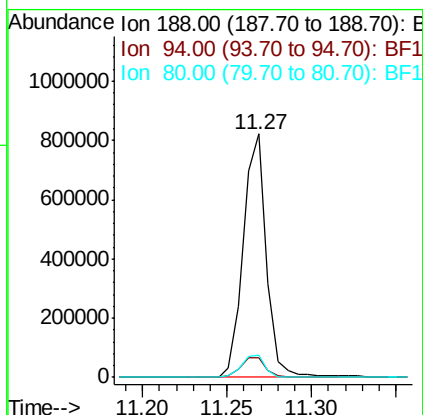
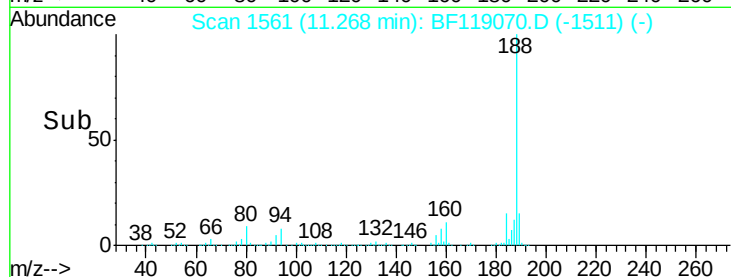
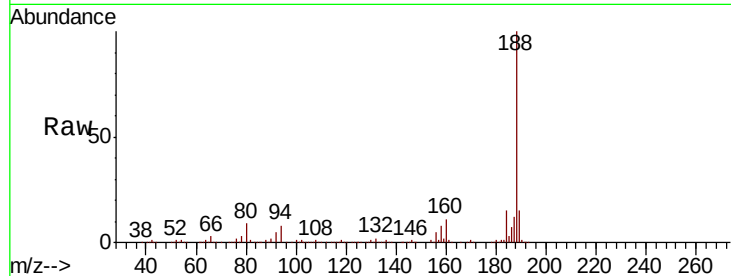




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119070.D
Acq: 25 Feb 2020 17:49

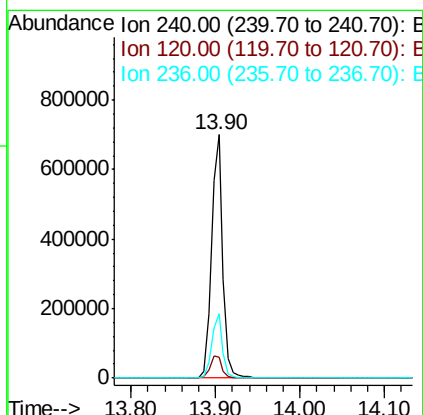
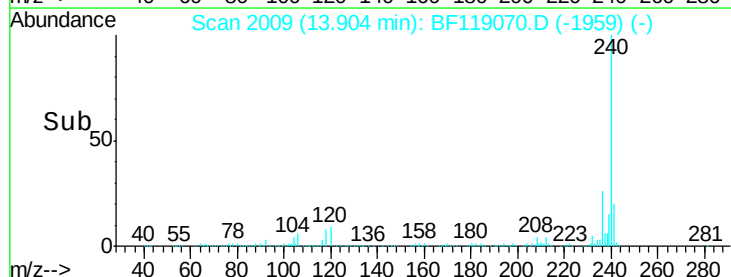
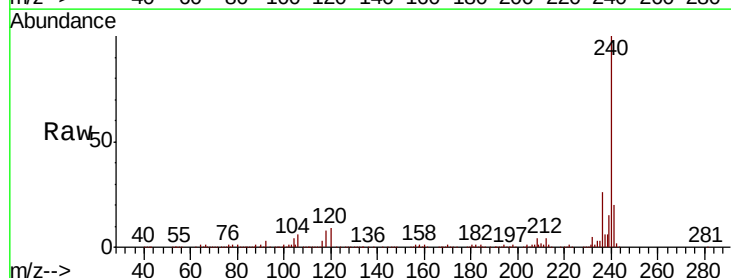
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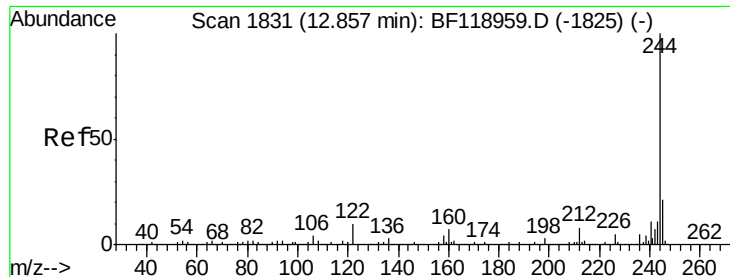
Tot Ion:188 Resp: 785582
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119070.D
Acq: 25 Feb 2020 17:49

Tgt Ion:240 Resp: 656429
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 26.2 20.6 30.8





#79

Terphenyl-d14

Concen: 17.953 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119070.D

Acq: 25 Feb 2020 17:49

Instrument :

BNA_F

ClientSampleId :

0179-COMP-SL-C-ELUTRIATE

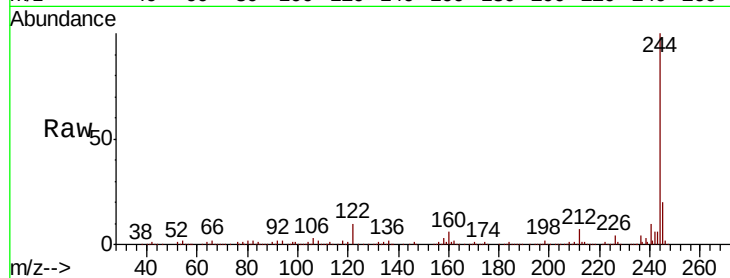
Tot Ion:244 Resp: 684485

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

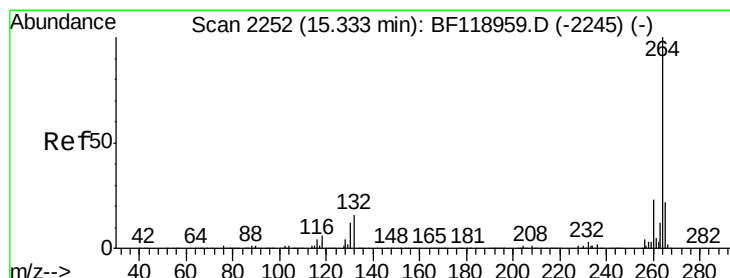
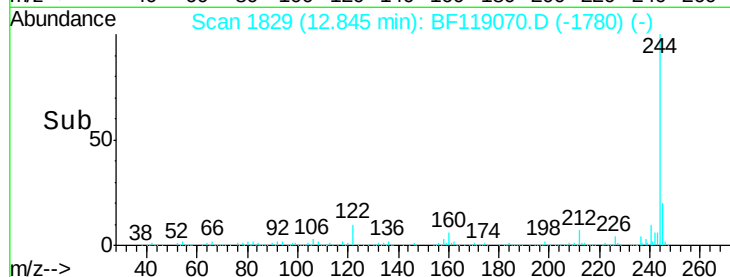
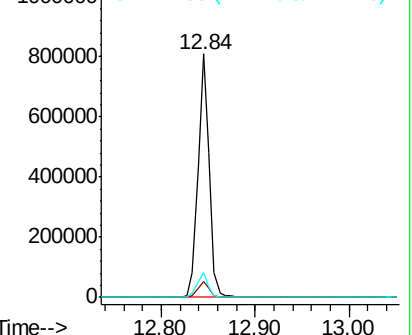
122 10.0 8.4 12.6



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119070.D

Acq: 25 Feb 2020 17:49

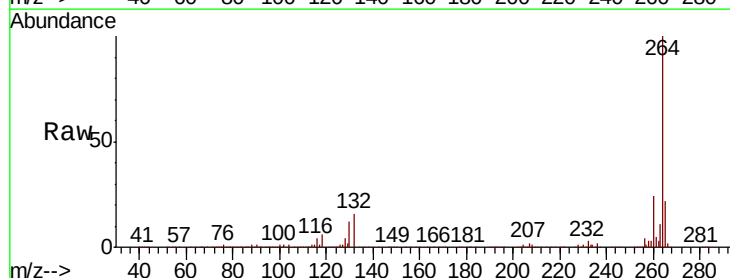
Tgt Ion:264 Resp: 578725

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

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

