

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112794.D
 Acq On : 1 Mar 2019 12:39
 Operator : JU/SJ
 Sample : PB117470BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117470BL

Quant Time: Mar 01 22:48:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	207752	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	818084	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	390898	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	784362	20.00	ng	0.00
76) Chrysene-d12	13.87	240	654654	20.00	ng	0.00
87) Perylene-d12	15.29	264	558147	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1148857	86.02	ng	0.02
7) Phenol-d6	6.37	99	1494328	89.07	ng	0.00
23) Nitrobenzene-d5	7.30	82	923033	67.51	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	452008	108.92	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1692251	68.05	ng	0.00
79) Terphenyl-d14	12.83	244	1810491	53.61	ng	0.00

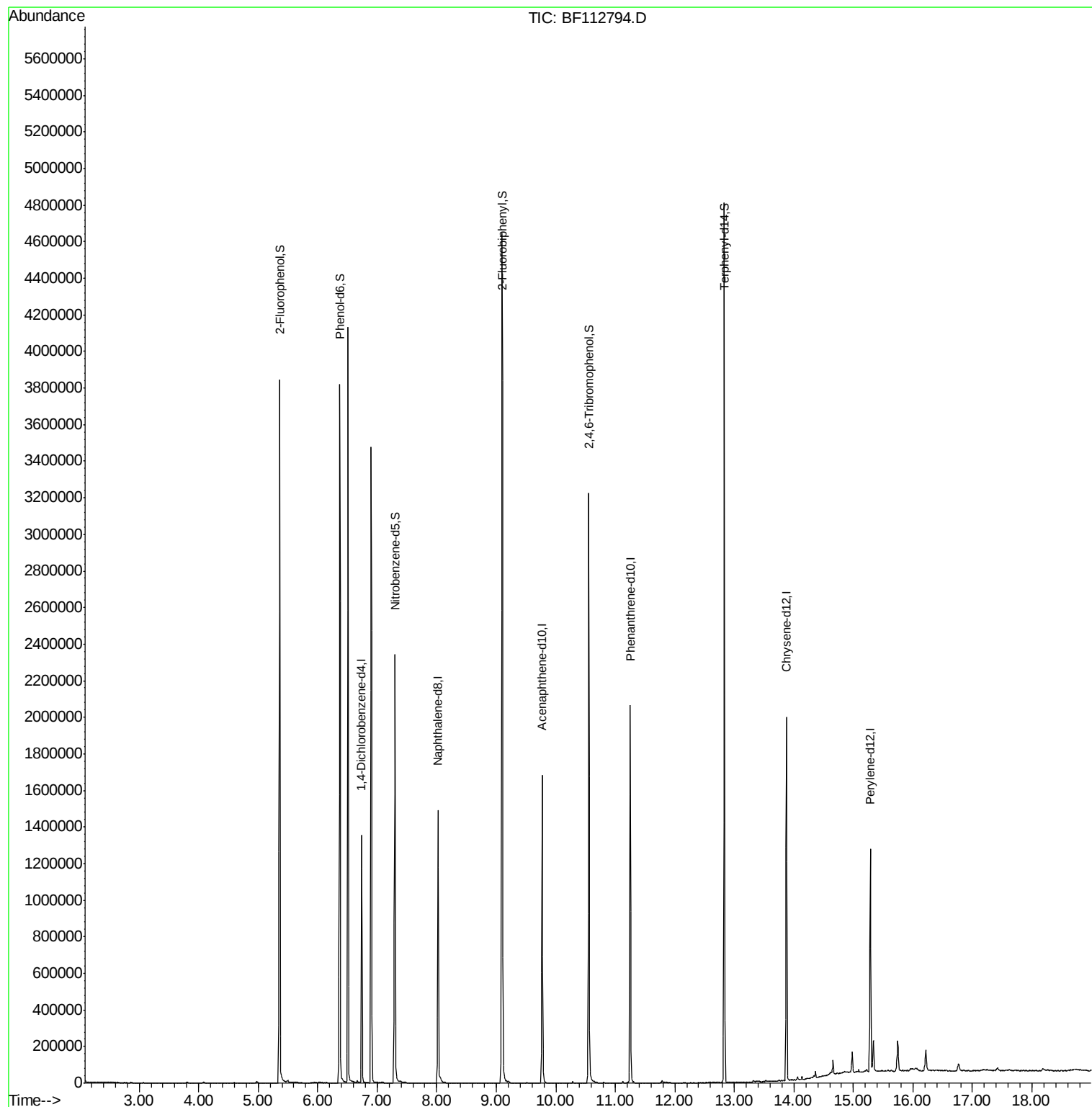
Target Compounds Qvalue

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

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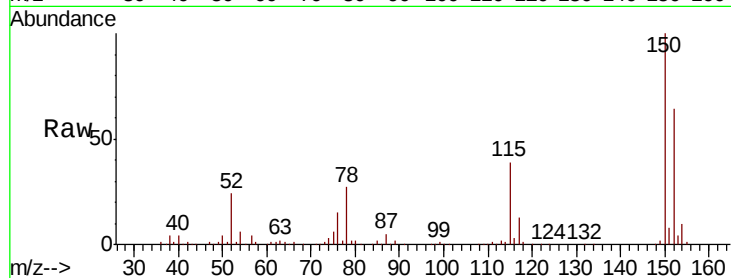


#1

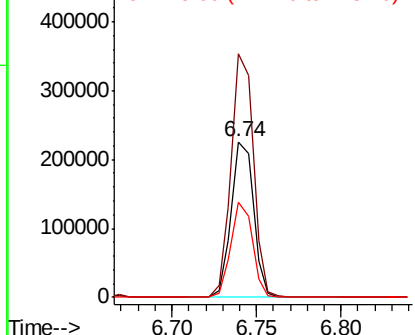
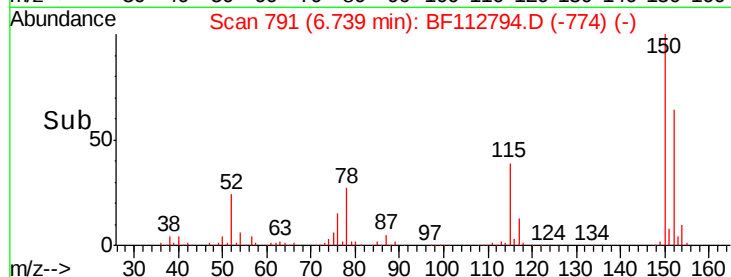
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Instrument :
BNA_F
ClientSampleId :
PB117470BL

Tot Ion:152 Resp: 207752
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 61.4 48.2 72.4



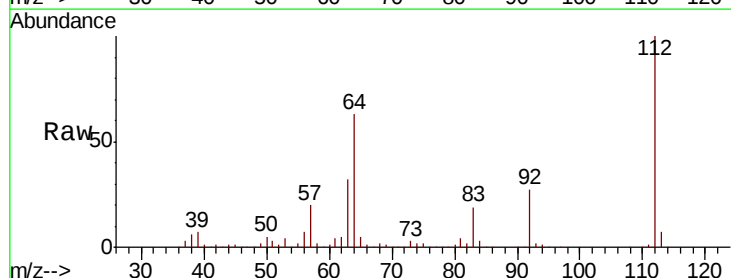
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



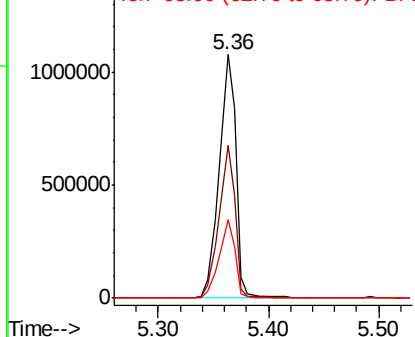
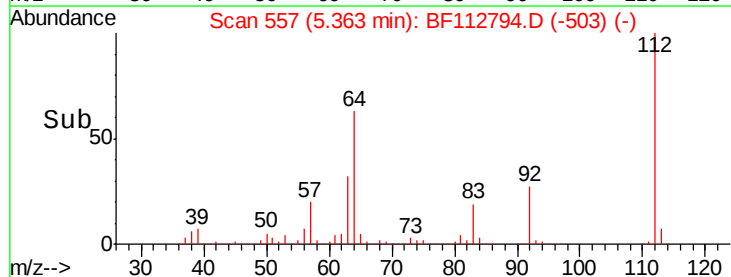
#5

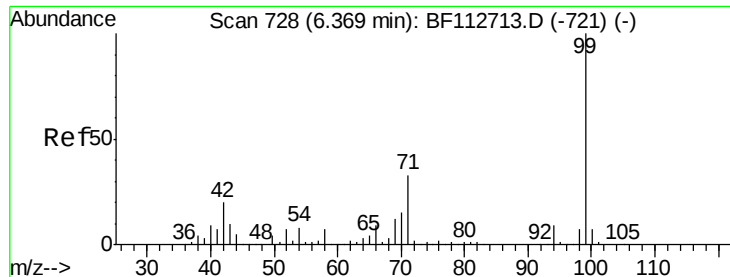
2-Fluorophenol
Concen: 86.021 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Tgt Ion:112 Resp: 1148857
Ion Ratio Lower Upper
112 100
64 63.0 47.6 71.4
63 32.2 24.4 36.6



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: 89.071 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB117470BL

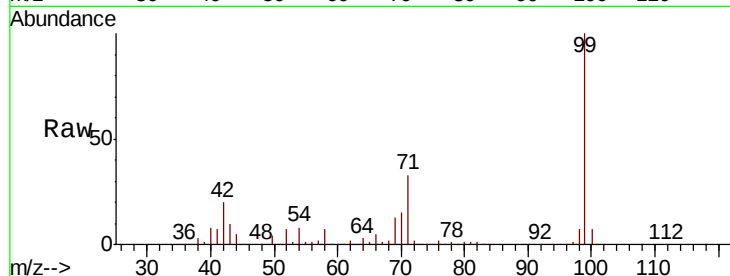
Tot Ion: 99 Resp: 1494328

Ion Ratio Lower Upper

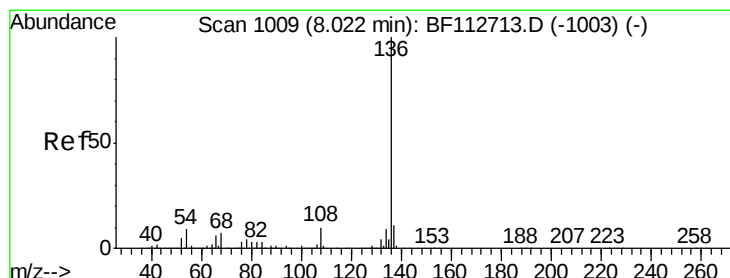
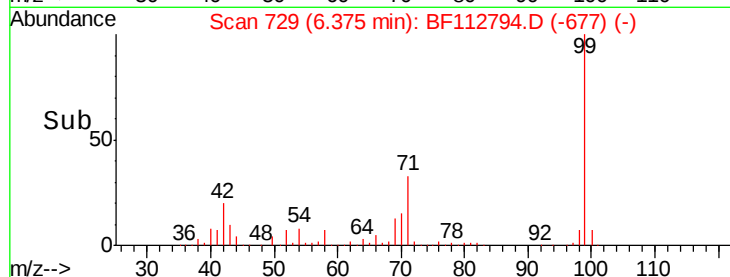
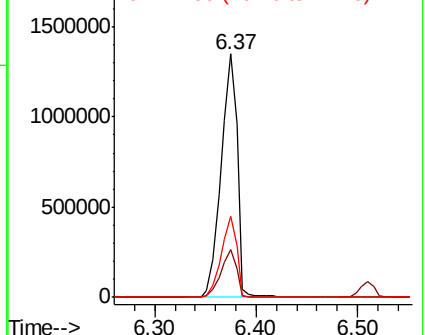
99 100

42 19.7 16.3 24.5

71 33.4 26.2 39.4



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: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Tgt Ion: 136 Resp: 818084

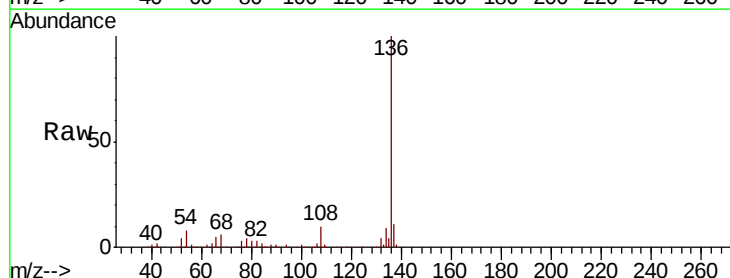
Ion Ratio Lower Upper

136 100

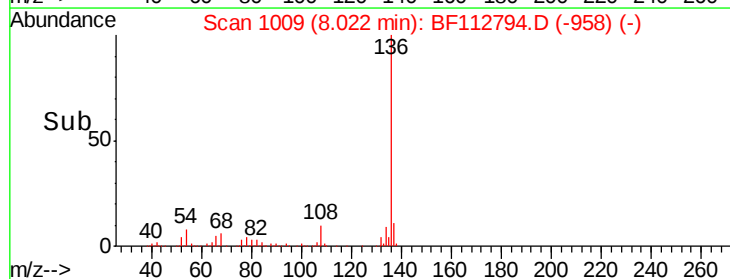
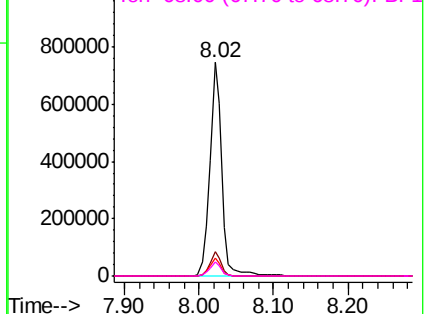
137 11.2 8.9 13.3

54 8.3 7.3 10.9

68 6.4 5.4 8.2



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

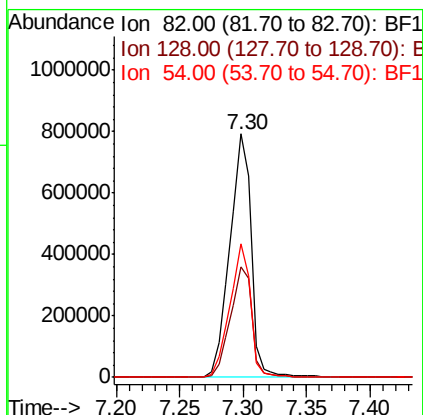
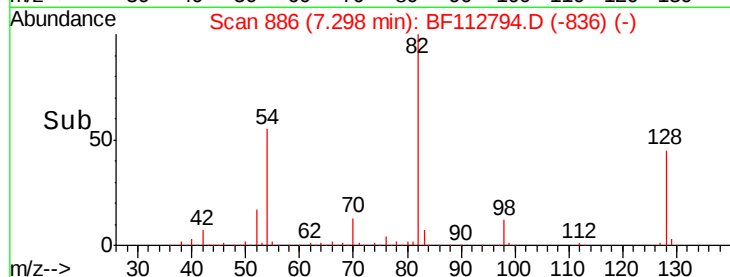
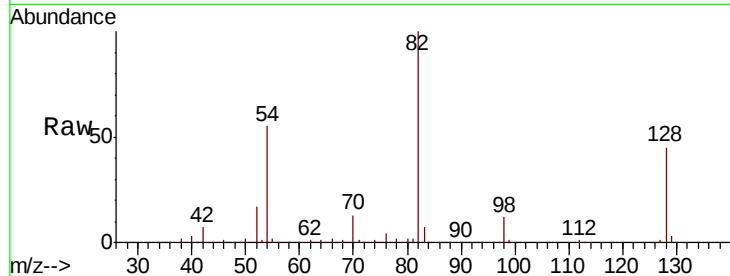




#23
Nitrobenzene-d5
Concen: 67.514 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

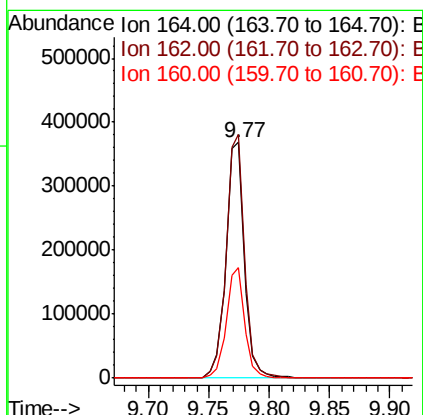
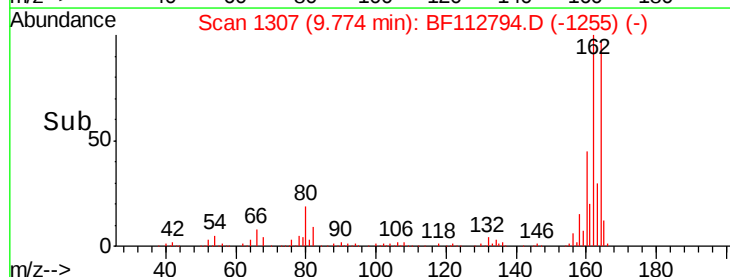
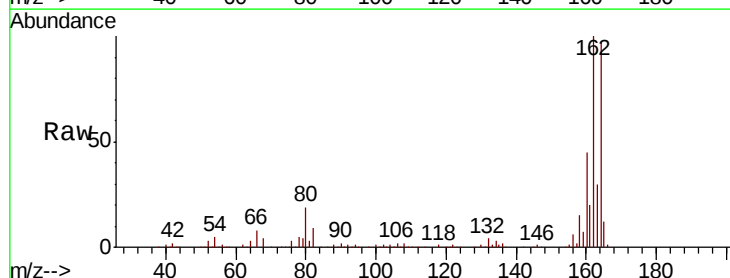
Instrument :
BNA_F
ClientSampleId :
PB117470BL

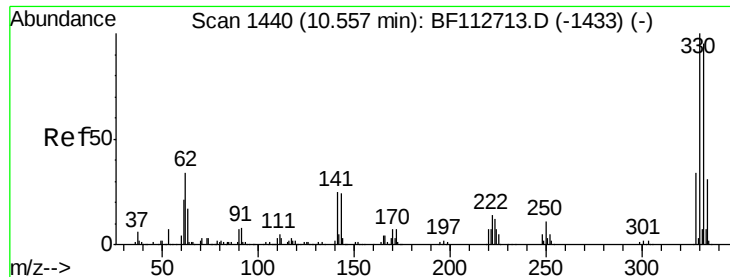
Tot Ion: 82 Resp: 923033
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 54.7 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Tgt Ion: 164 Resp: 390898
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 46.9 36.0 54.0

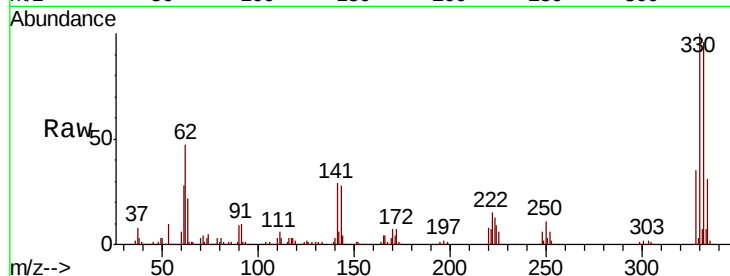




#42
 2,4,6-Tribromophenol
 Concen: 108.921 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112794.D
 Acq: 1 Mar 2019 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB117470BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	29.1	27.0	40.6

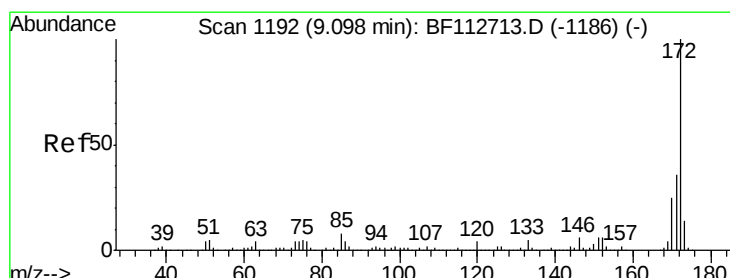
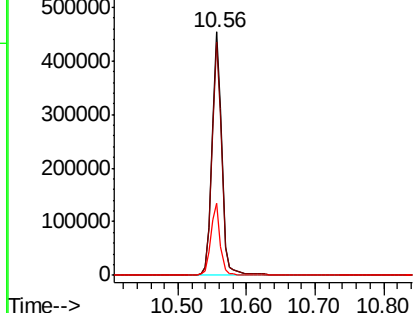
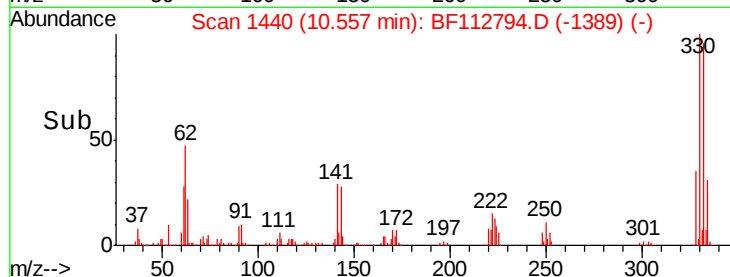


Abundance

Ion 329.80 (329.50 to 330.50): E

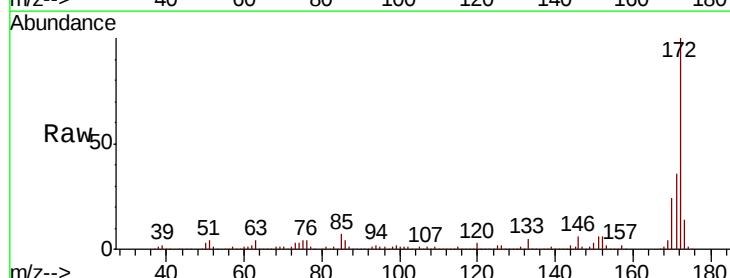
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.054 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112794.D
 Acq: 1 Mar 2019 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	20.0	30.0

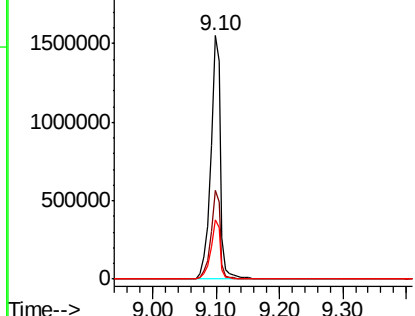
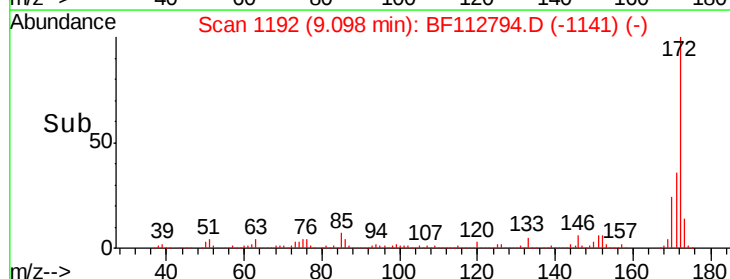


Abundance

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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

BNA_F

ClientSampled :

PB117470BL

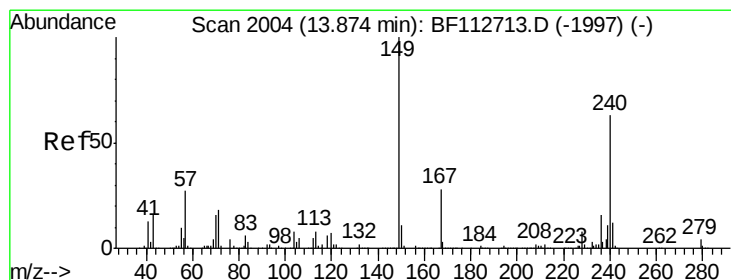
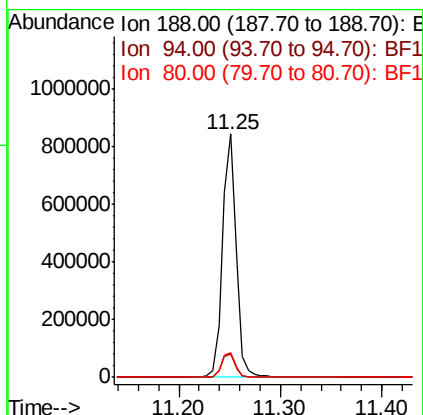
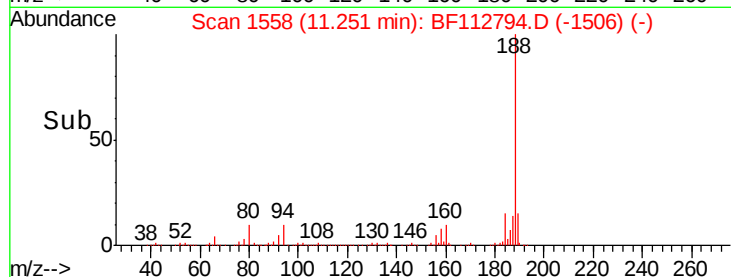
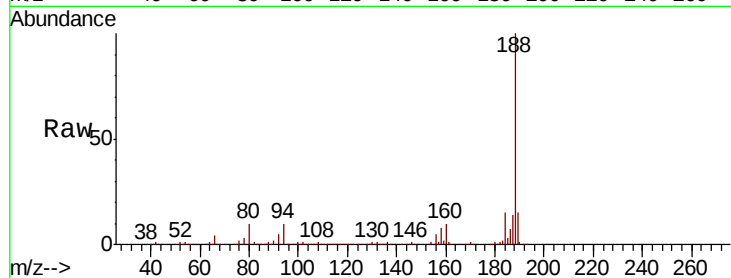
Tot Ion:188 Resp: 784362

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

80 10.2 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

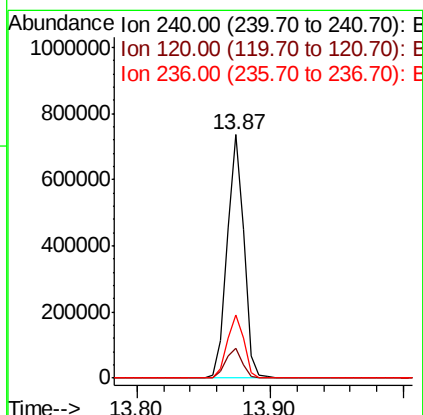
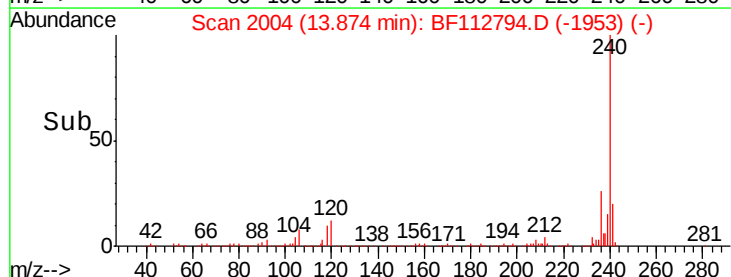
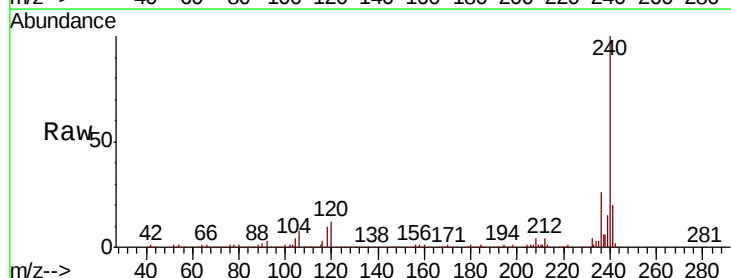
Tgt Ion:240 Resp: 654654

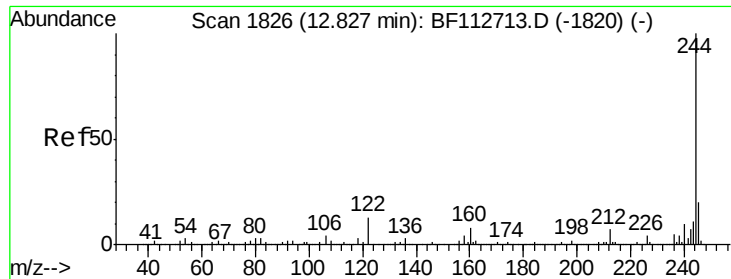
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 53.610 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

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ClientSampleId :

PB117470BL

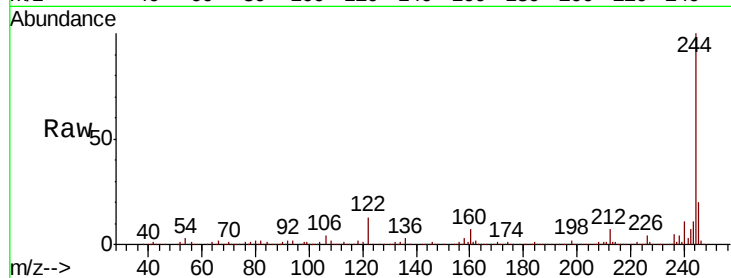
Tot Ion:244 Resp: 1810491

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

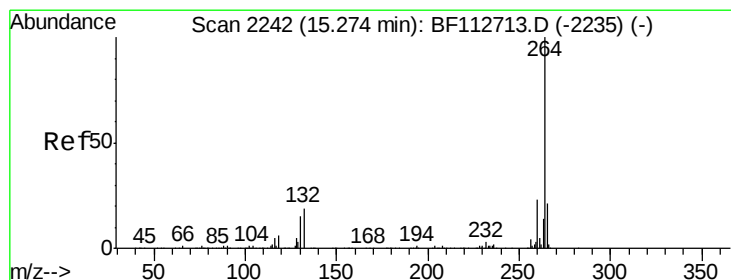
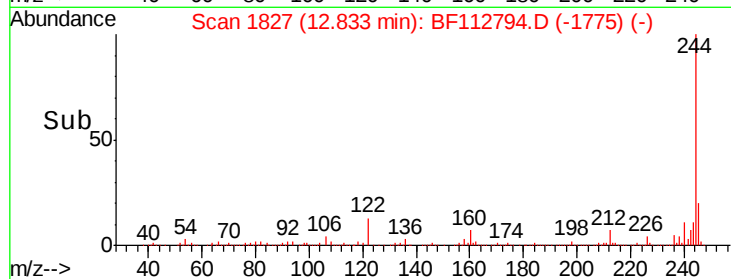
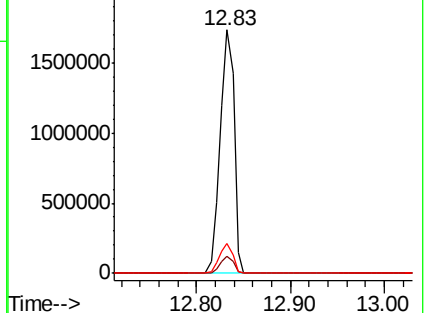
122 12.5 10.5 15.7



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: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

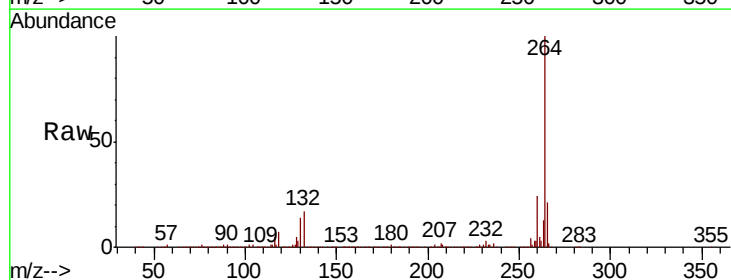
Tgt Ion:264 Resp: 558147

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.2 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

