

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112966.D
 Acq On : 11 Mar 2019 20:33
 Operator : JU/SJ
 Sample : K1691-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Quant Time: Mar 12 05:38:04 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	6.73	152	162384	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	634007	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	326962	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	739598	20.00	ng	0.00
76) Chrysene-d12	13.86	240	677225	20.00	ng	-0.01
87) Perylene-d12	15.27	264	561033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1041718	99.79	ng	0.00
7) Phenol-d6	6.37	99	1214545	92.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	965316	91.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	561778	161.84	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1799830	93.74	ng	-0.01
79) Terphenyl-d14	12.82	244	2424498	69.40	ng	0.00

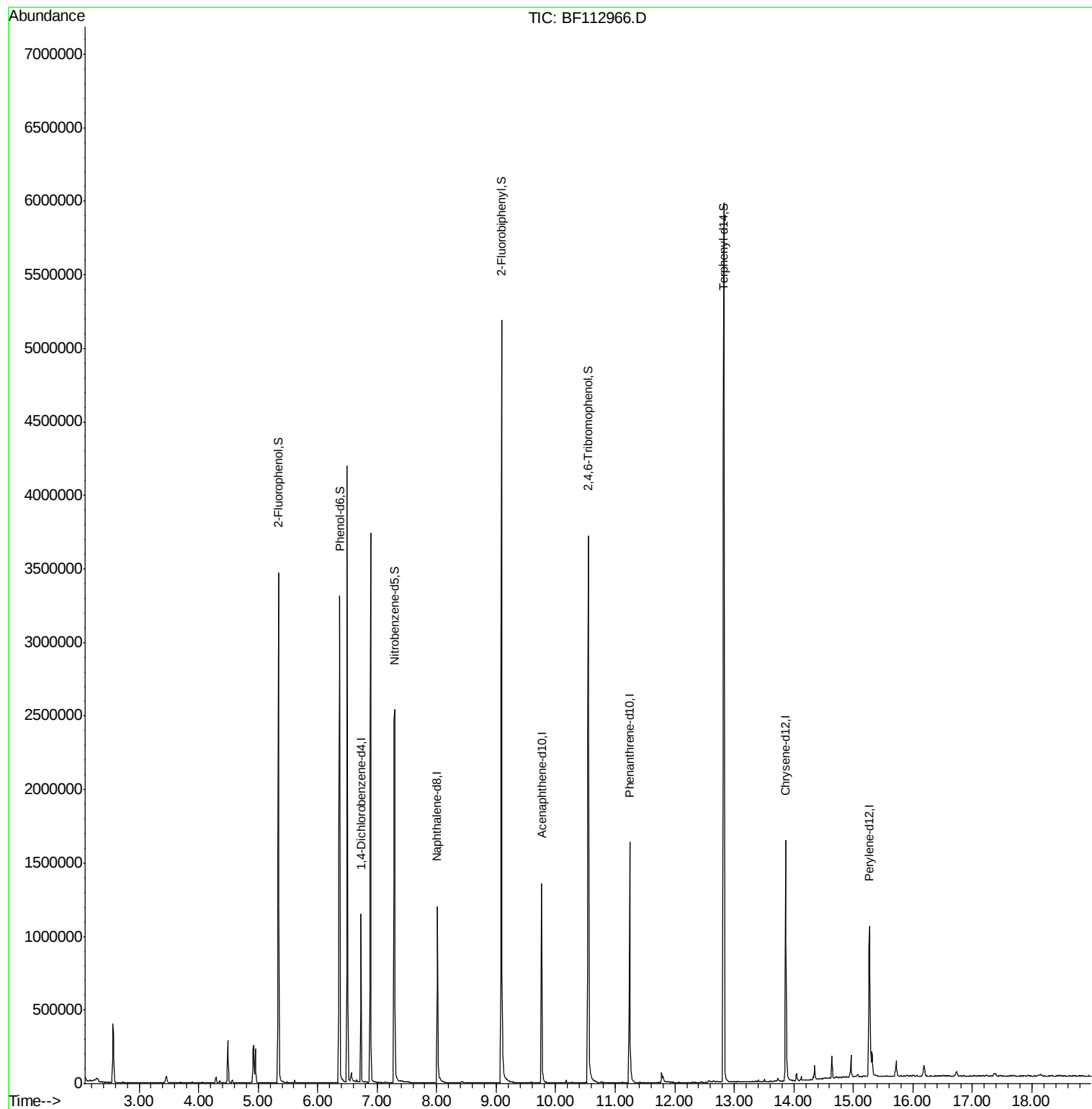
Target Compounds Qvalue

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

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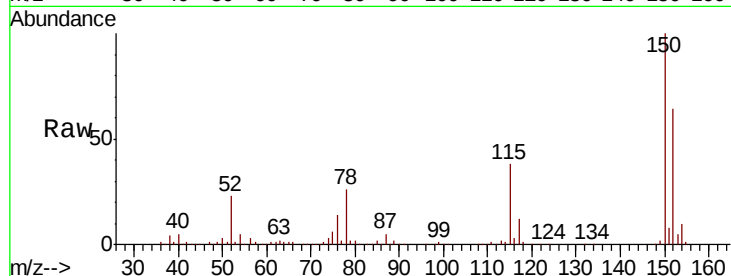


#1

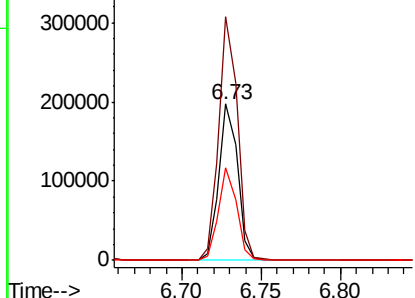
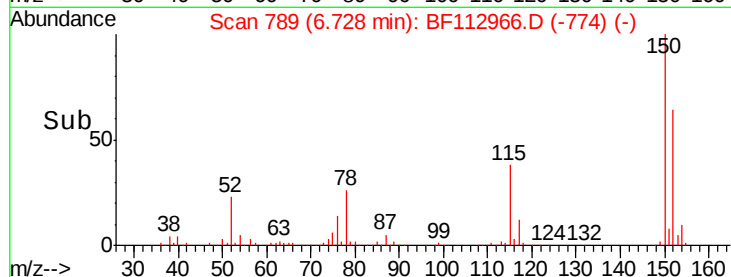
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tot Ion:152 Resp: 162384
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 59.2 48.2 72.4



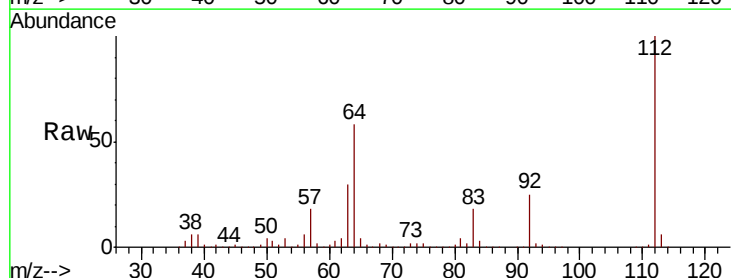
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



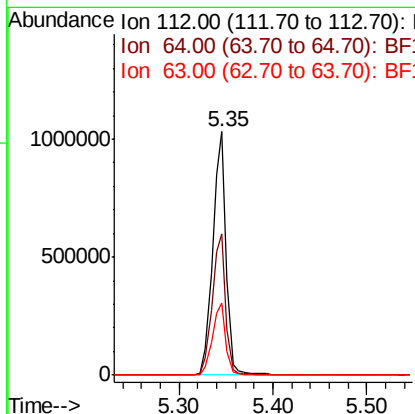
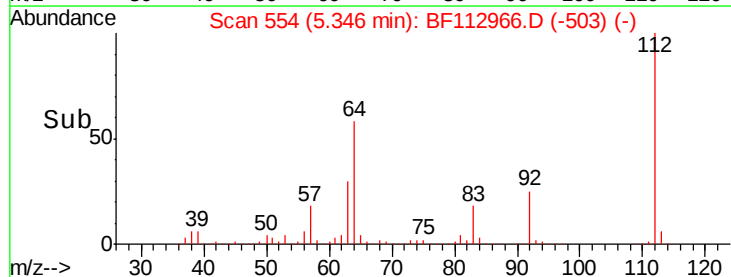
#5

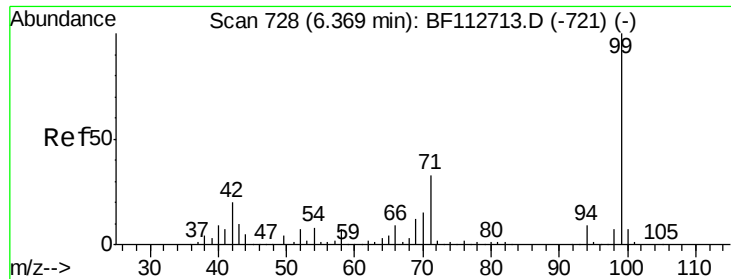
2-Fluorophenol
Concen: 99.791 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112966.D
Acq: 11 Mar 2019 20:33

Tgt Ion:112 Resp: 1041718
Ion Ratio Lower Upper
112 100
64 58.0 47.6 71.4
63 29.7 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: 92.620 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-D

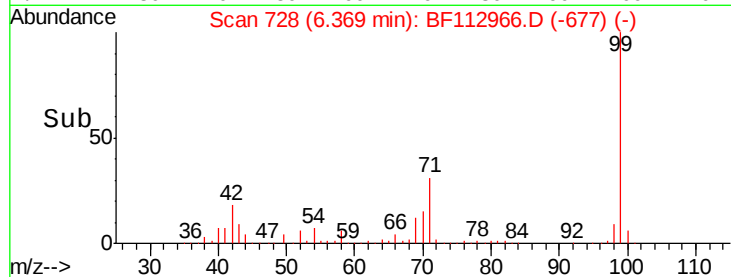
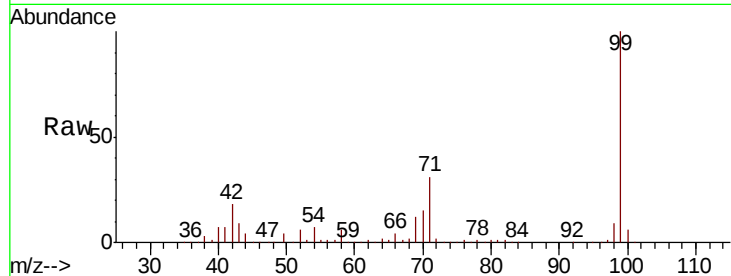
Tot Ion: 99 Resp: 1214545

Ion Ratio Lower Upper

99 100

42 17.5 16.3 24.5

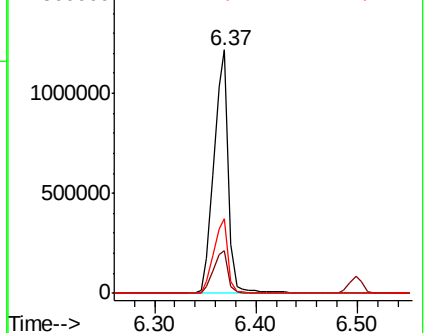
71 30.6 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Tgt Ion: 136 Resp: 634007

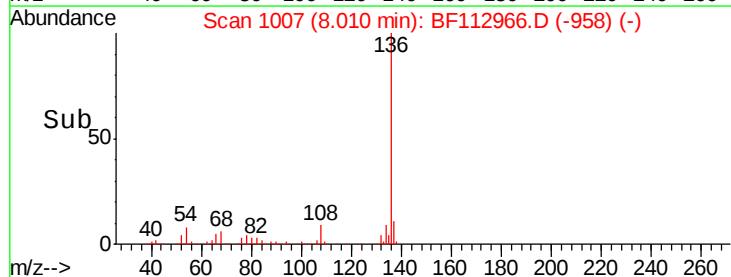
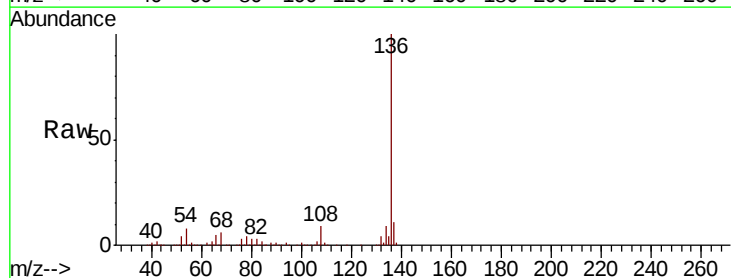
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.9 7.3 10.9

68 6.3 5.4 8.2

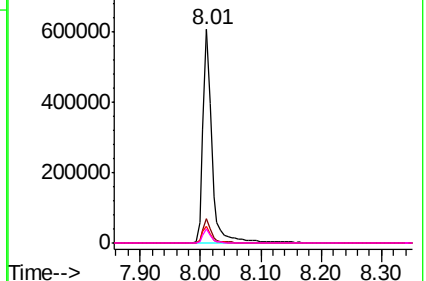


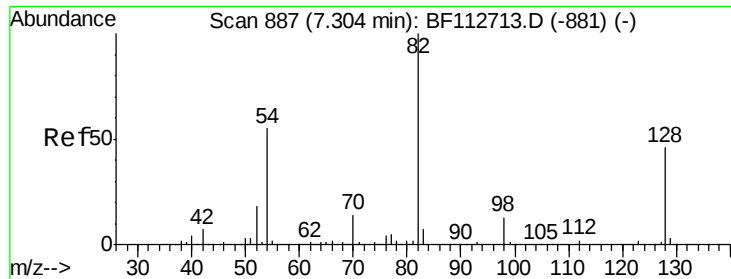
Abundance Ion 136.00 (135.70 to 136.70): E

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

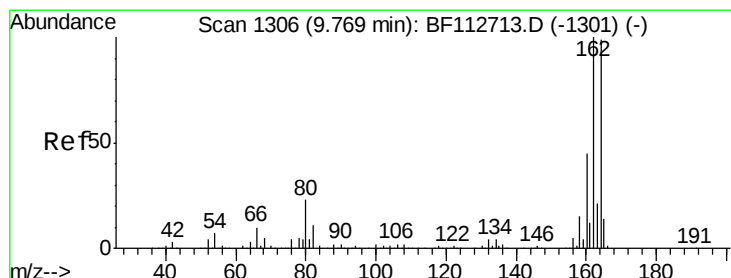
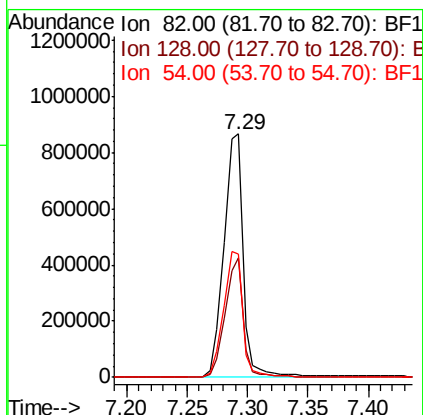
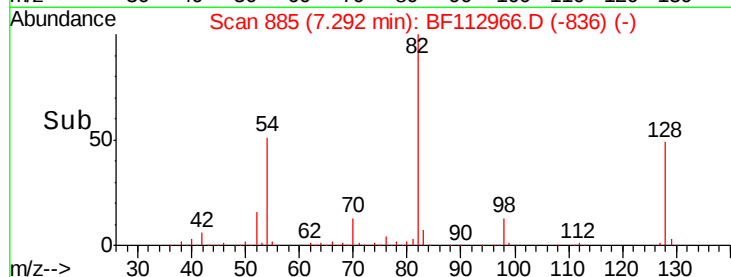
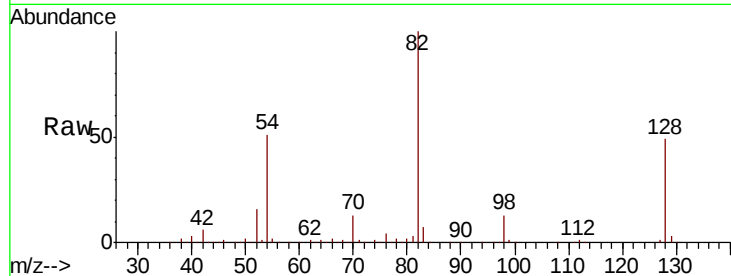




#23
 Nitrobenzene-d5
 Concen: 91.107 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

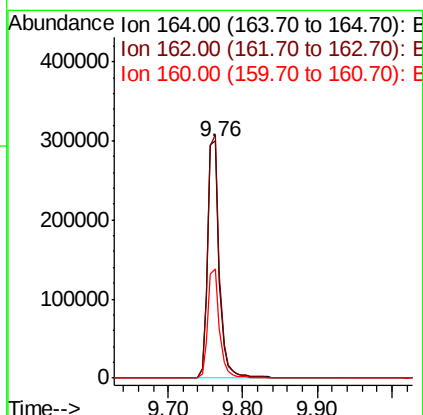
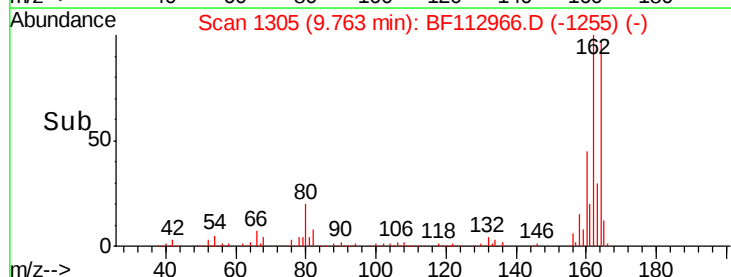
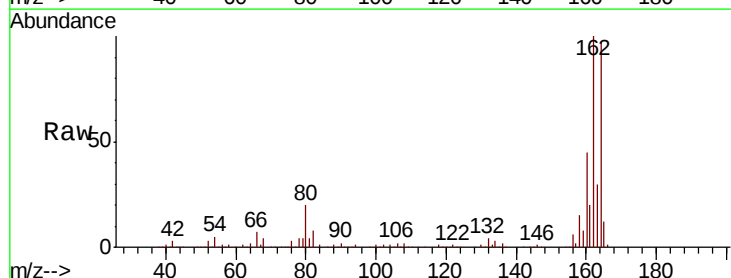
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Tot Ion: 82 Resp: 965316
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.3 54.5
 54 50.8 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

Tgt Ion: 164 Resp: 326962
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.6 120.8
 160 46.3 36.0 54.0

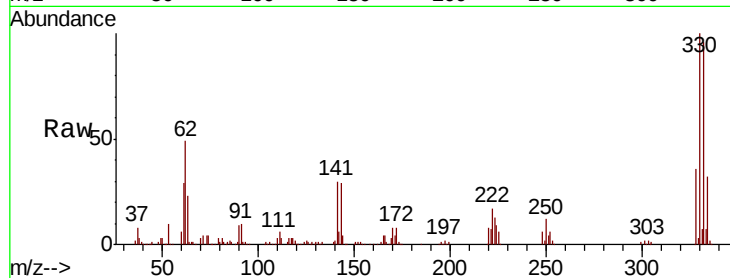




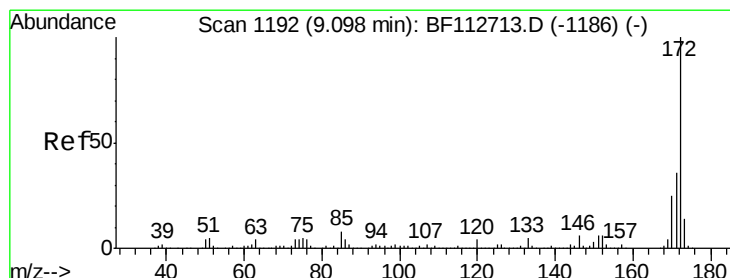
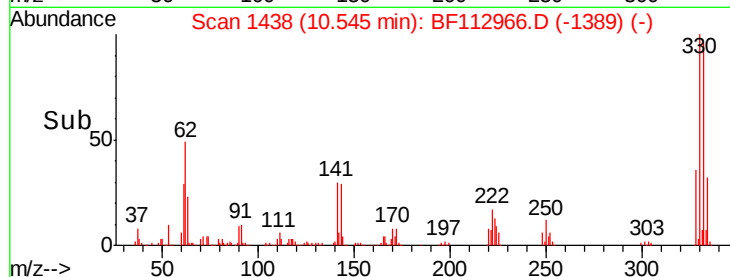
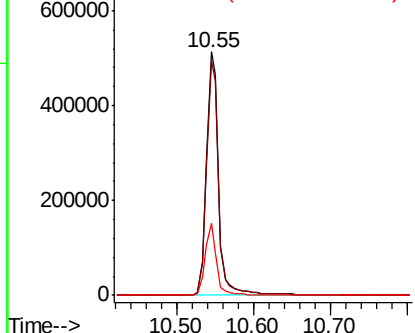
#42
 2,4,6-Tribromophenol
 Concen: 161.844 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	28.1	27.0	40.6

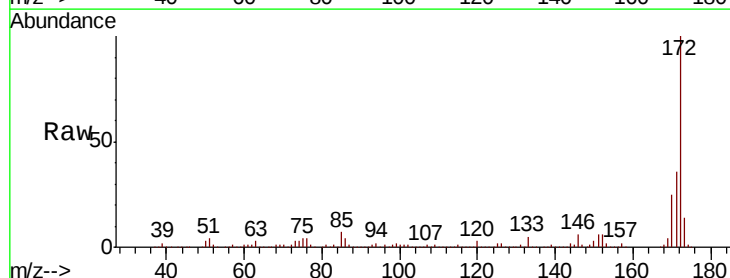


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

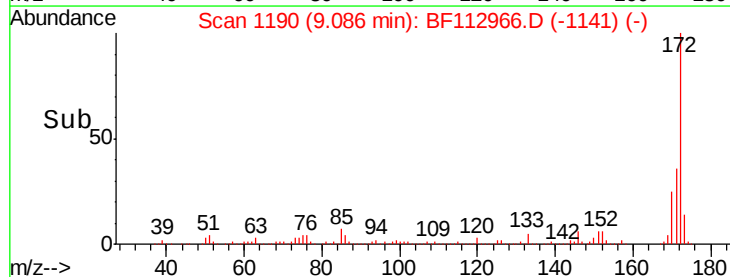
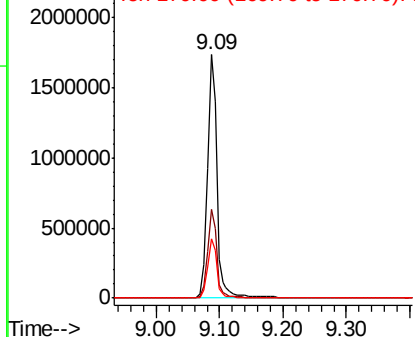


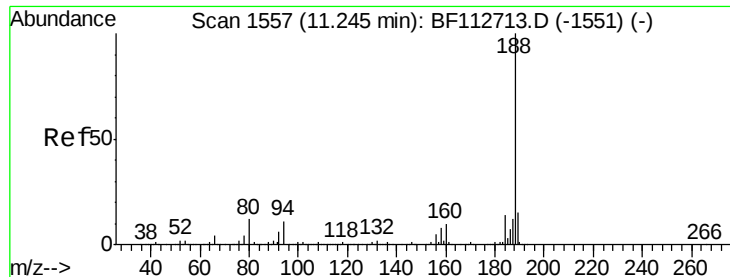
#45
 2-Fluorobiphenyl
 Concen: 93.742 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112966.D
 Acq: 11 Mar 2019 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.6	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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-D

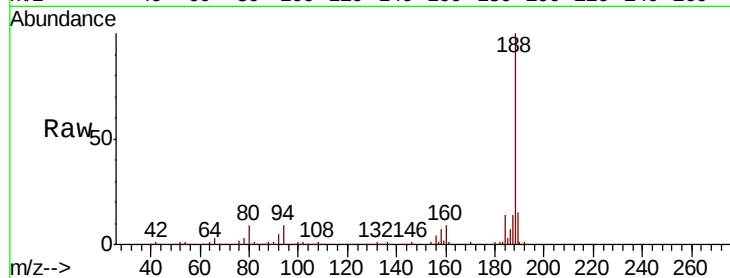
Tot Ion:188 Resp: 739598

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

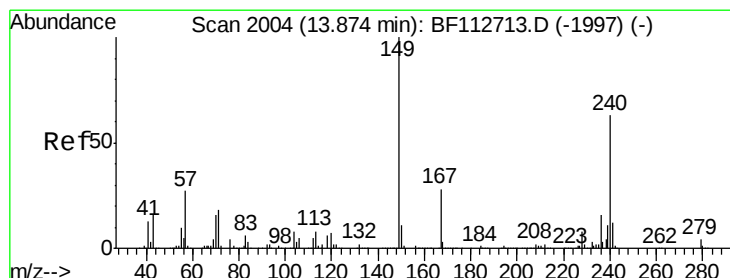
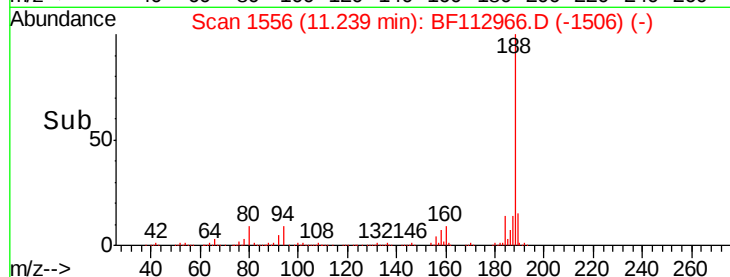
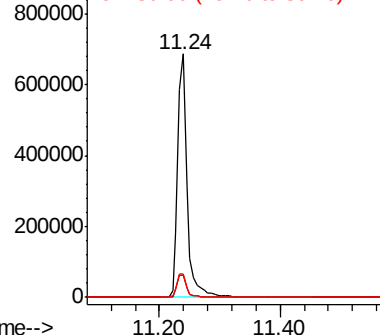
80 9.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

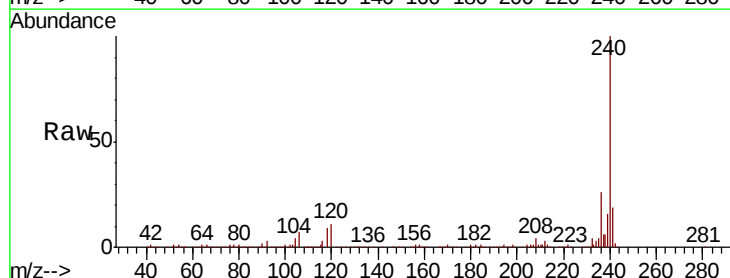
Tgt Ion:240 Resp: 677225

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

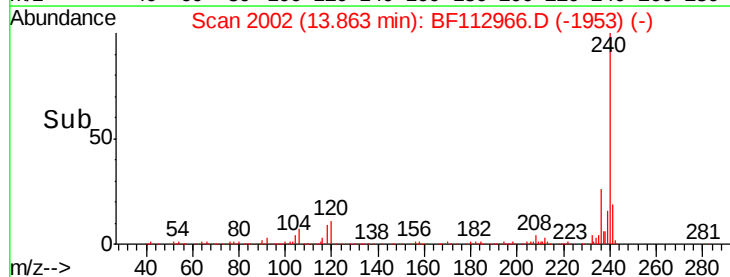
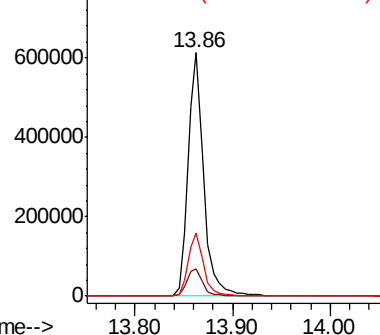
236 26.0 20.7 31.1

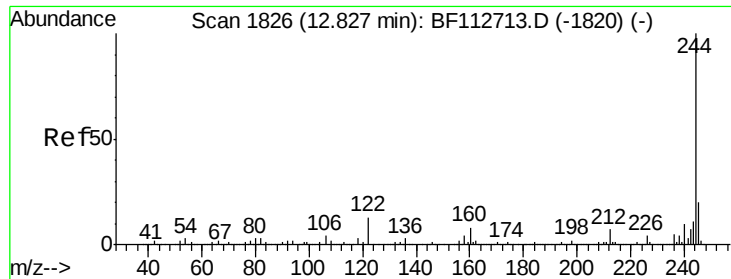


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.399 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-D

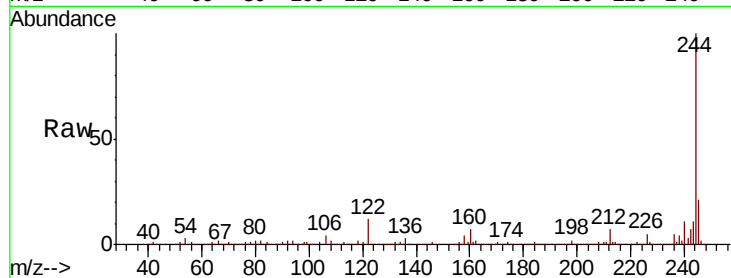
Tot Ion:244 Resp: 2424498

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

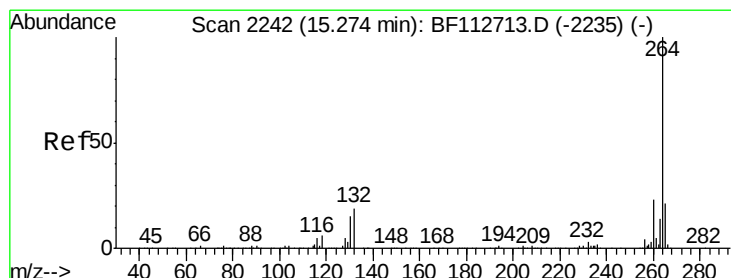
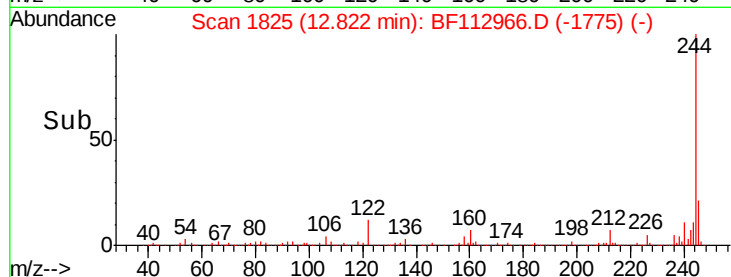
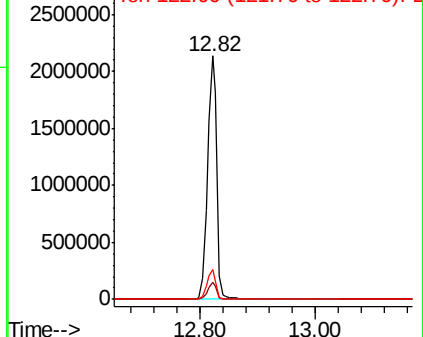
122 12.3 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112966.D

Acq: 11 Mar 2019 20:33

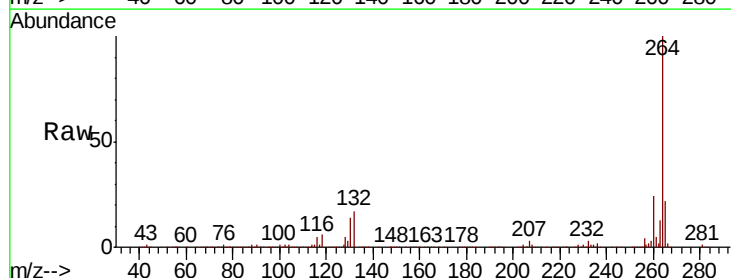
Tgt Ion:264 Resp: 561033

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

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

