

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113556.D
 Acq On : 3 Apr 2019 21:14
 Operator : JU/SJ
 Sample : K2178-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-16

Quant Time: Apr 04 05:39:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	138545	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	478050	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	205847	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	360604	20.00	ng	0.00
76) Chrysene-d12	13.84	240	345102	20.00	ng	0.00
87) Perylene-d12	15.25	264	302785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	783058	96.38	ng	0.01
7) Phenol-d6	6.33	99	875520	87.43	ng	0.00
23) Nitrobenzene-d5	7.25	82	692882	84.90	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	272047	110.02	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1225308	95.83	ng	0.00
79) Terphenyl-d14	12.79	244	1208032	71.27	ng	0.00

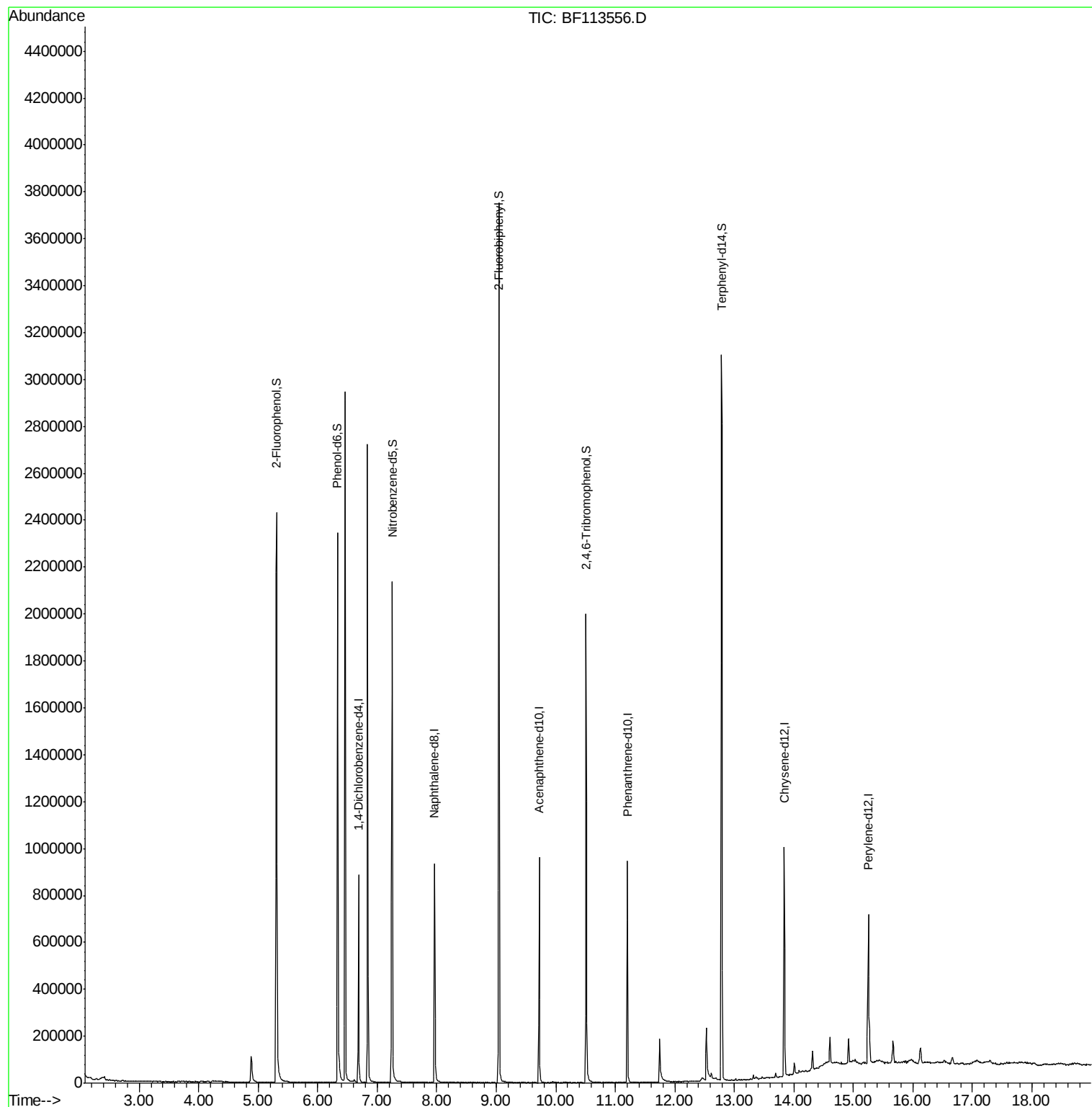
Target Compounds	Qvalue
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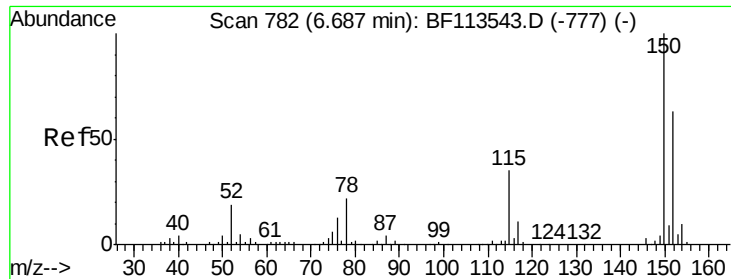
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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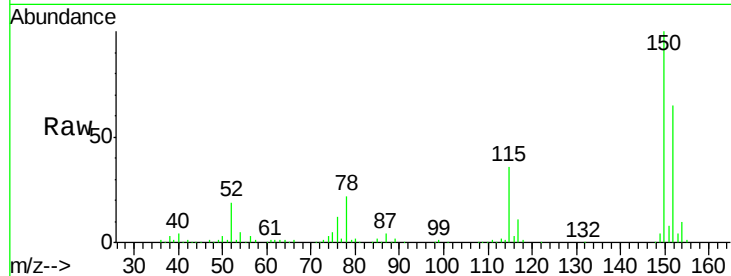


#1

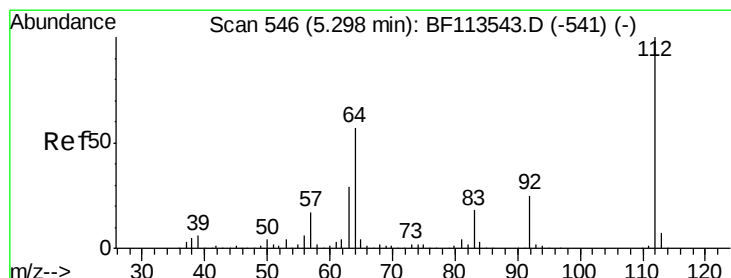
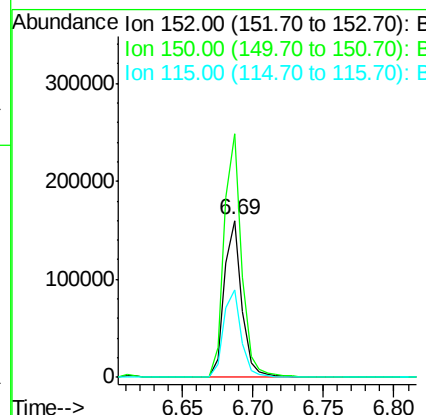
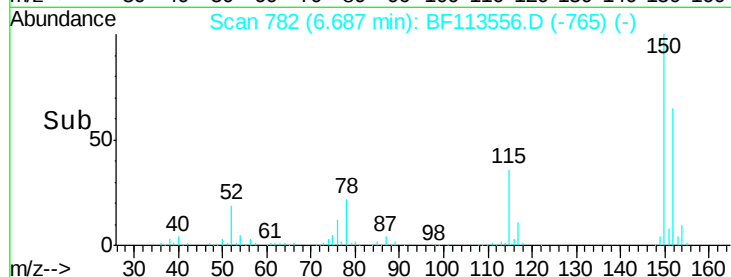
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

Instrument :
BNA_F
ClientSampleId :
COMP-16

Tgt Ion:152 Resp: 138545
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 56.0 46.0 69.0



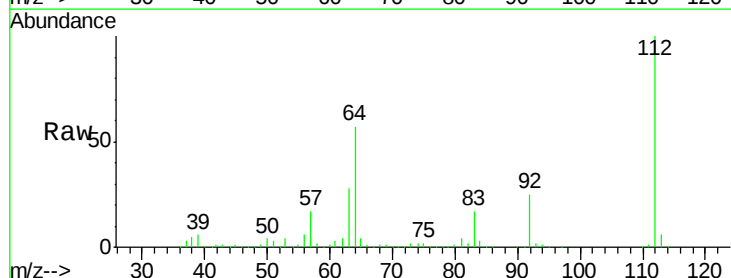
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



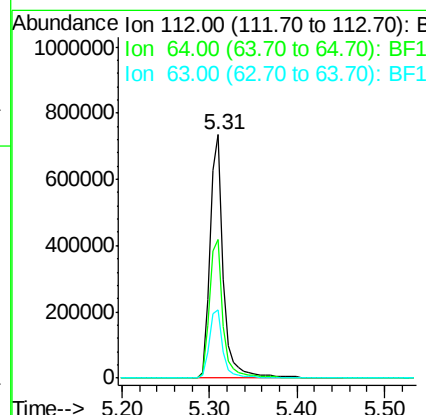
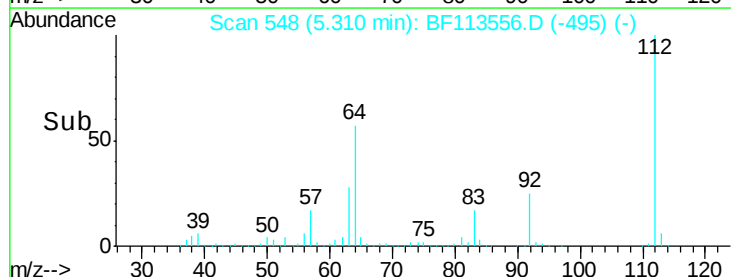
#5

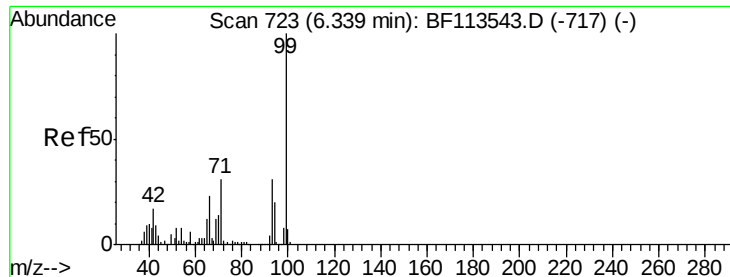
2-Fluorophenol
Concen: 96.380 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

Tgt Ion:112 Resp: 783058
Ion Ratio Lower Upper
112 100
64 56.9 49.2 73.8
63 28.2 24.9 37.3



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: 87.432 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Instrument :

BNA_F

ClientSampleId :

COMP-16

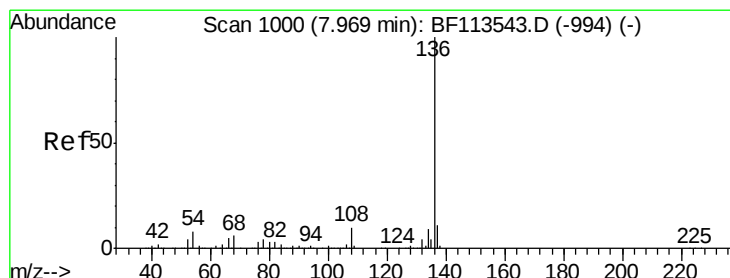
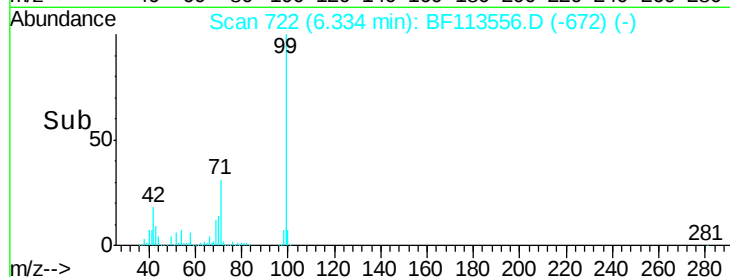
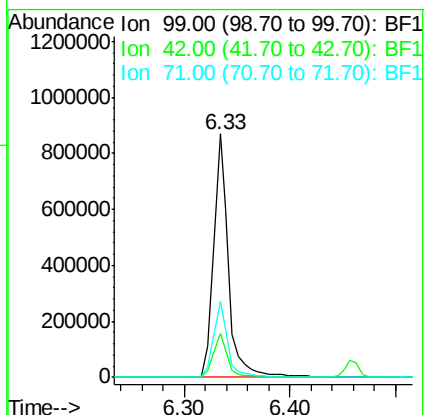
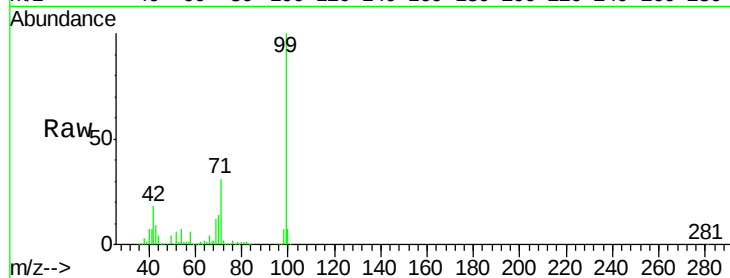
Tgt Ion: 99 Resp: 875520

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

71 31.4 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Tgt Ion: 136 Resp: 478050

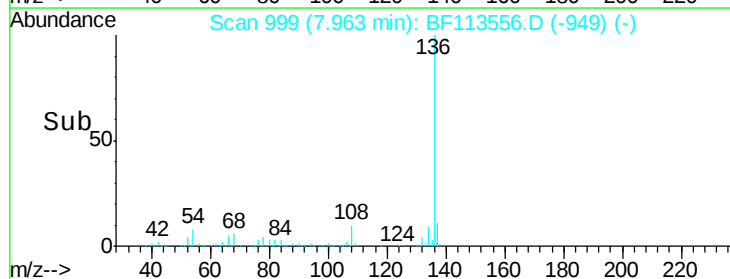
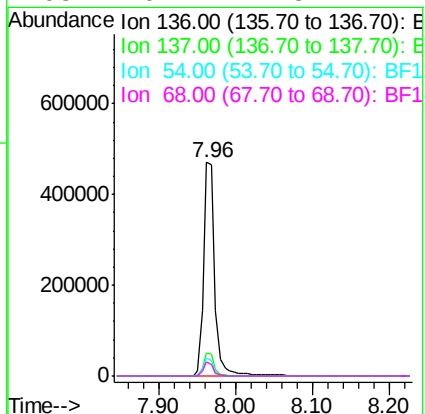
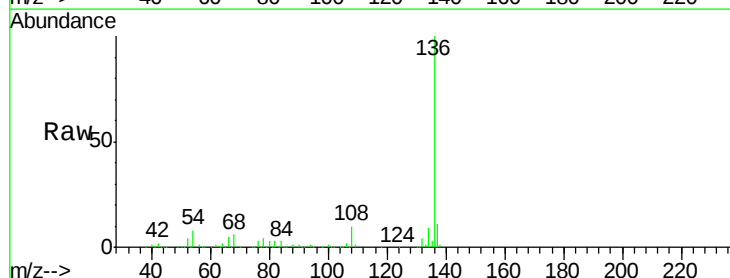
Ion Ratio Lower Upper

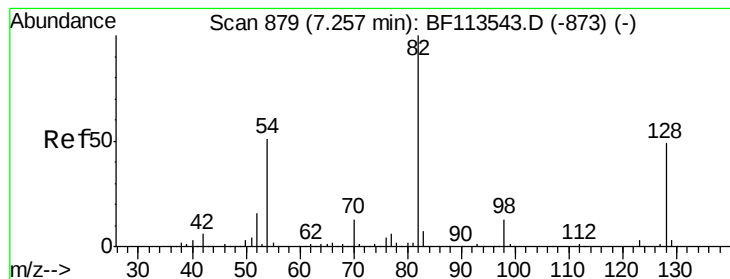
136 100

137 11.0 8.9 13.3

54 8.4 7.0 10.6

68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.899 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Instrument :

BNA_F

ClientSampled :

COMP-16

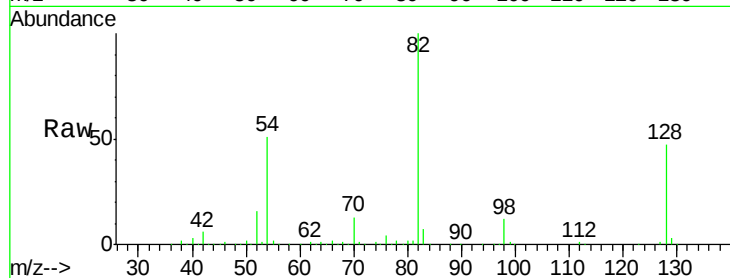
Tgt Ion: 82 Resp: 692882

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

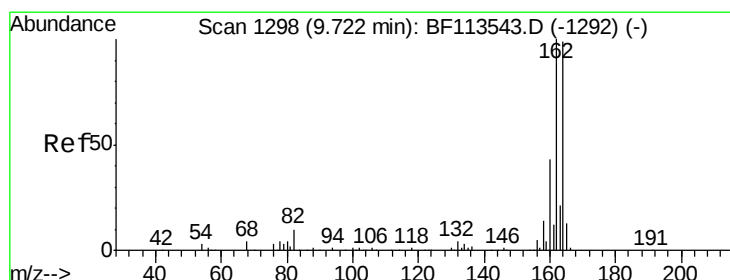
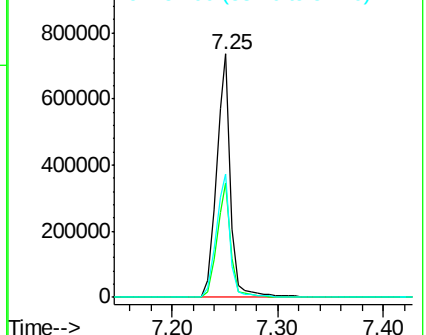
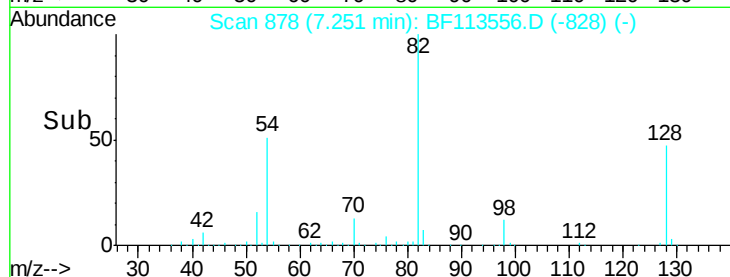
54 50.9 42.2 63.2



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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

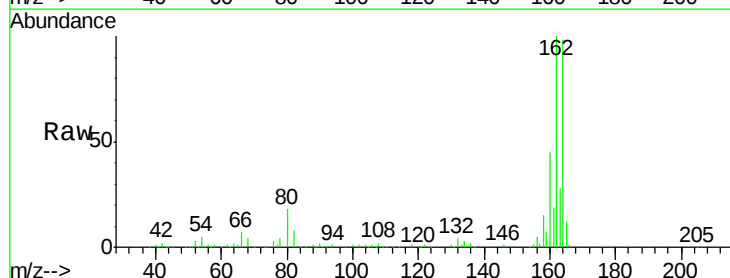
Tgt Ion: 164 Resp: 205847

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

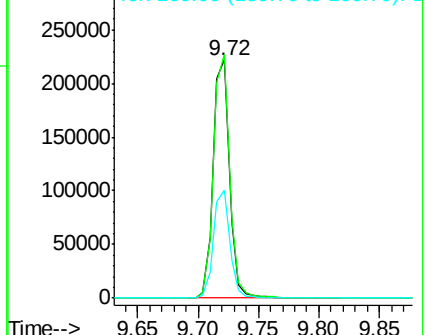
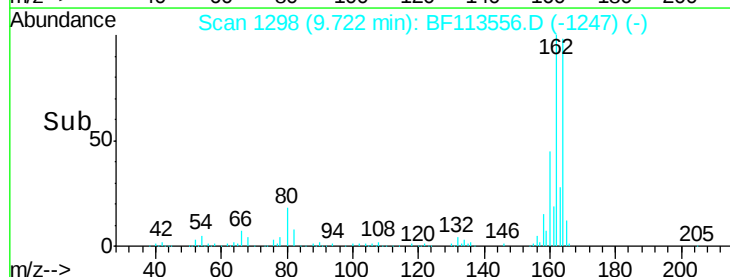
160 45.5 36.4 54.6

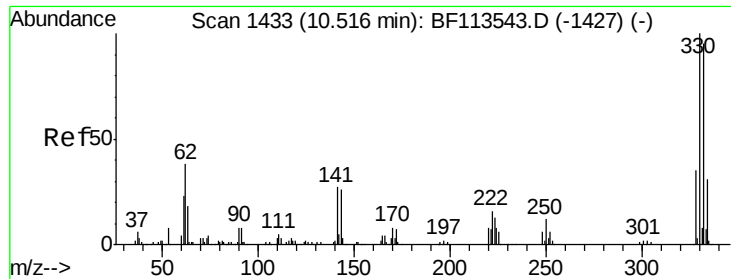


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

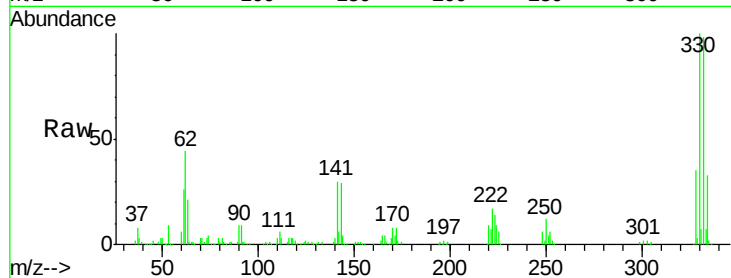




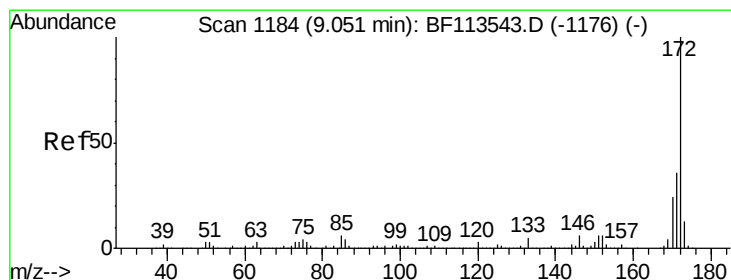
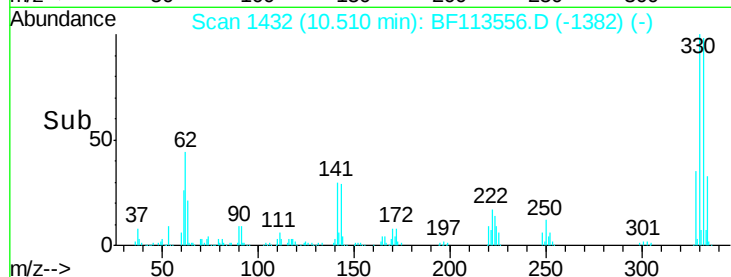
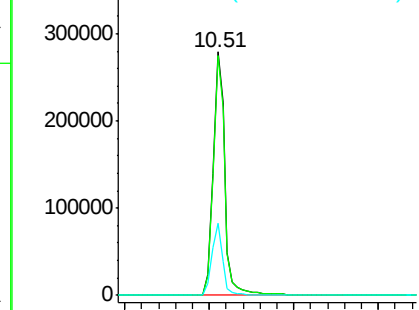
#42
 2,4,6-Tribromophenol
 Concen: 110.019 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 COMP-16

Tgt Ion:330 Resp: 272047
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.8 116.6
 141 27.5 22.7 34.1

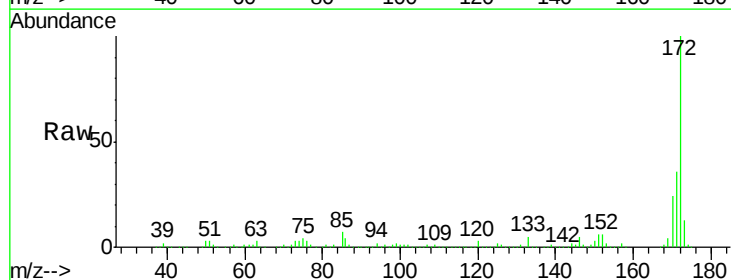


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

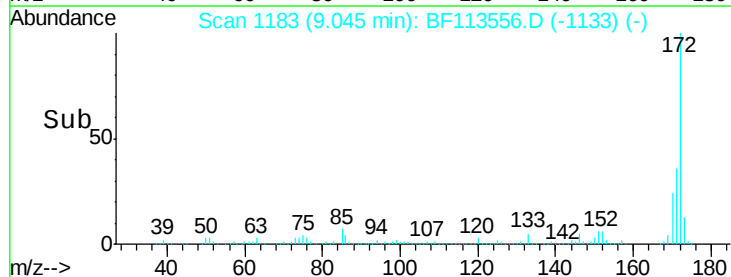
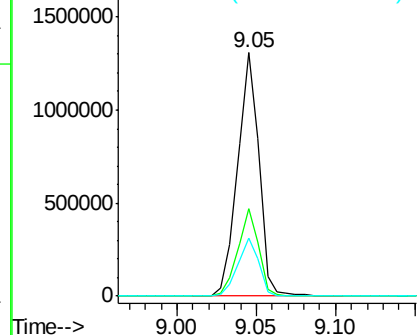


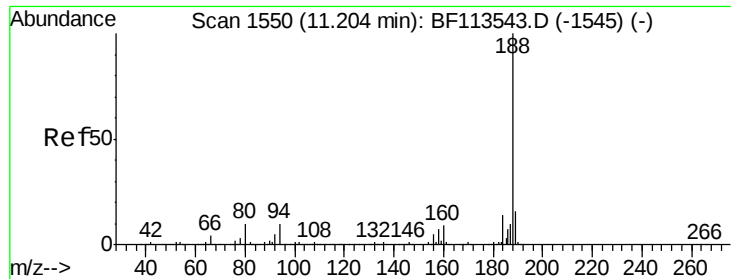
#45
 2-Fluorobiphenyl
 Concen: 95.829 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113556.D
 Acq: 3 Apr 2019 21:14

Tgt Ion:172 Resp: 1225308
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.1 19.5 29.3



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

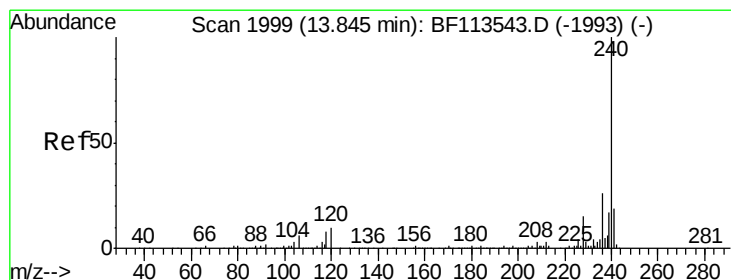
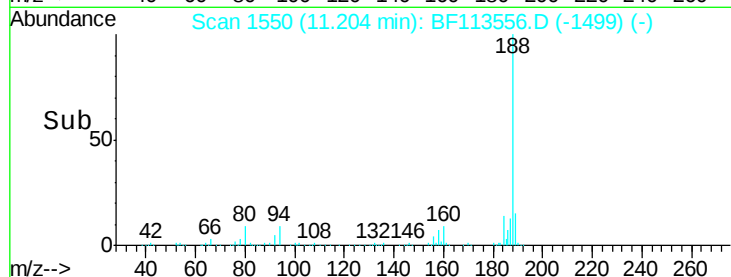
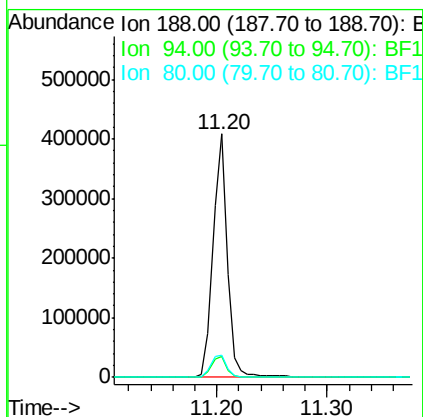
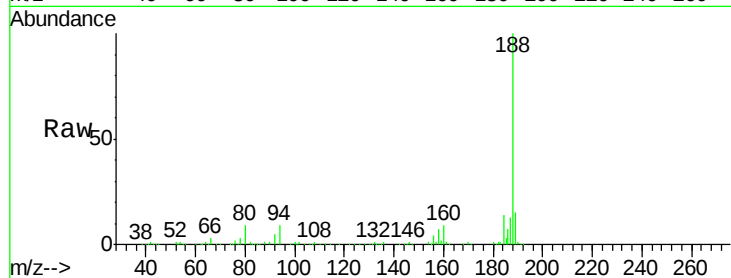




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

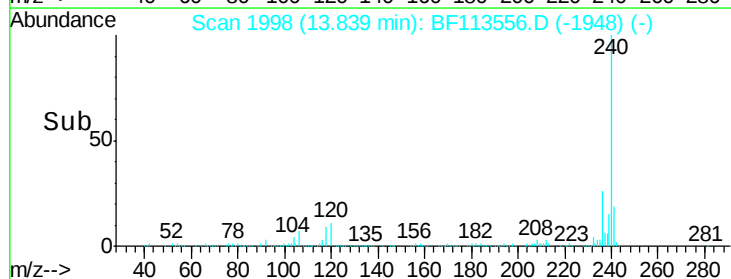
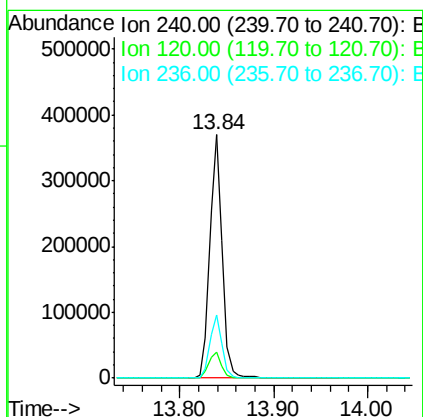
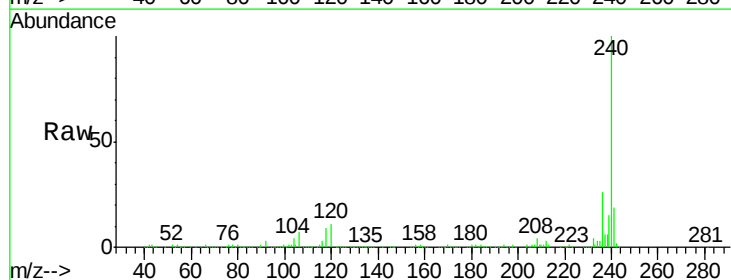
Instrument :
BNA_F
ClientSampled :
COMP-16

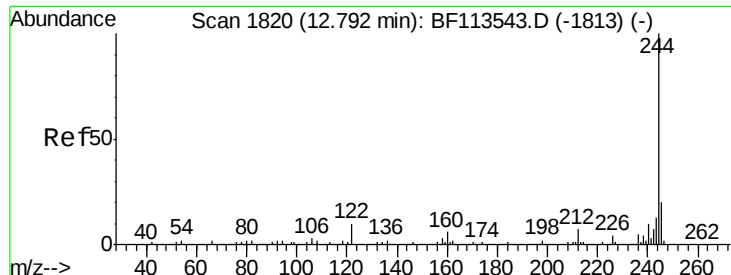
Tgt Ion:188 Resp: 360604
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113556.D
Acq: 3 Apr 2019 21:14

Tgt Ion:240 Resp: 345102
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 71.271 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

Instrument :

BNA_F

ClientSampleId :

COMP-16

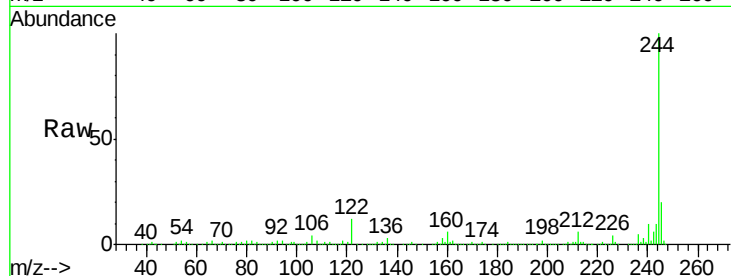
Tgt Ion:244 Resp: 1208032

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

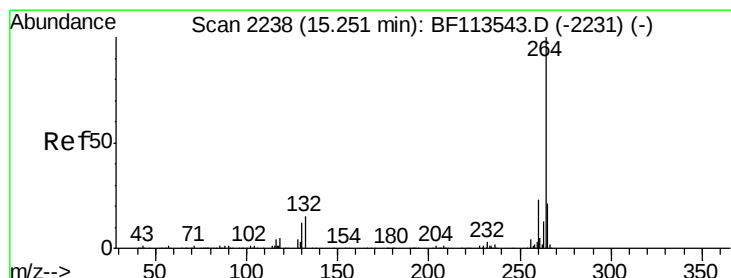
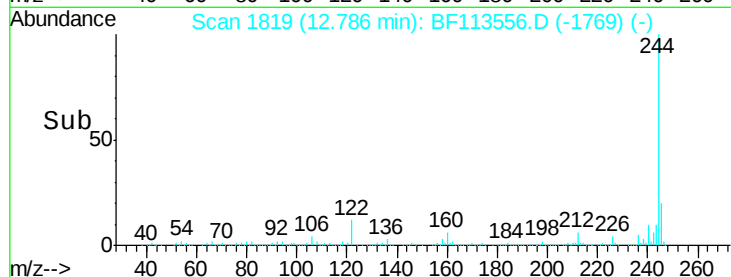
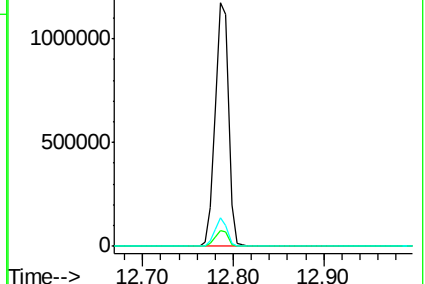
122 11.6 8.6 13.0



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: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF113556.D

Acq: 3 Apr 2019 21:14

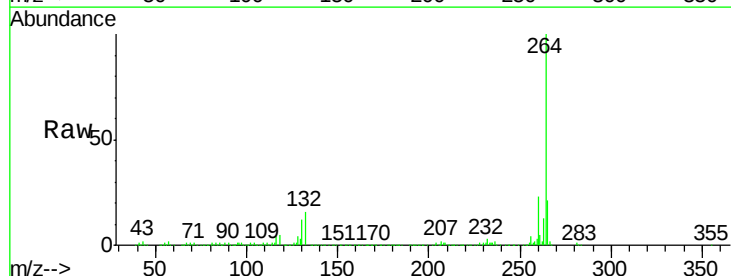
Tgt Ion:264 Resp: 302785

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.4 17.1 25.7



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

