

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113269.D
 Acq On : 24 Mar 2019 15:48
 Operator : JU/SJ
 Sample : K2061-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26524-27245

Quant Time: Mar 25 04:52:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	163014	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	616545	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	287907	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	517474	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	406215	20.00	ng	-0.01
87) Perylene-d12	15.27	264	431064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	559002	53.34	ng	-0.02
7) Phenol-d6	6.36	99	741855	56.35	ng	-0.02
23) Nitrobenzene-d5	7.27	82	439247	42.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	203834	66.69	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	802823	40.06	ng	-0.02
79) Terphenyl-d14	12.80	244	716409	34.19	ng	-0.02

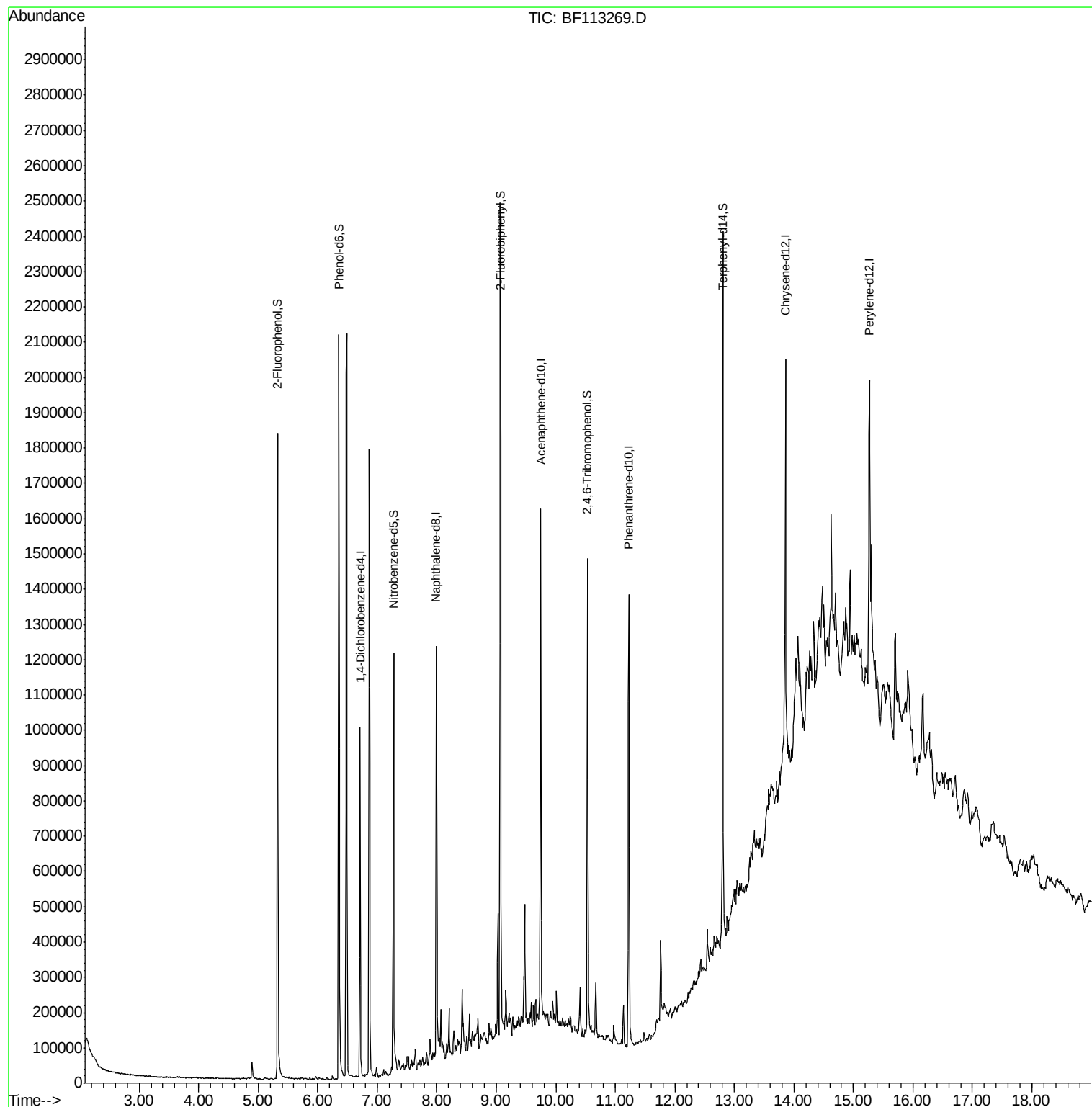
Target Compounds Qvalue

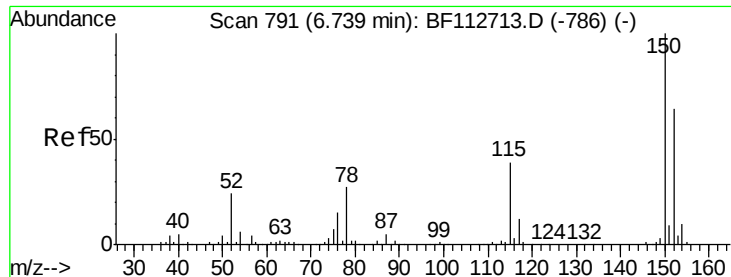
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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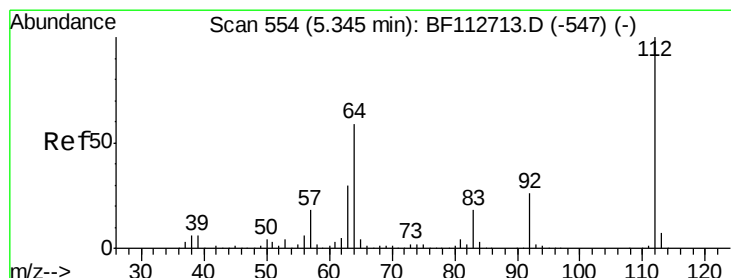
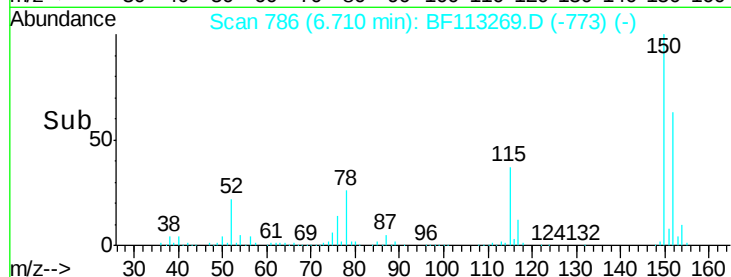
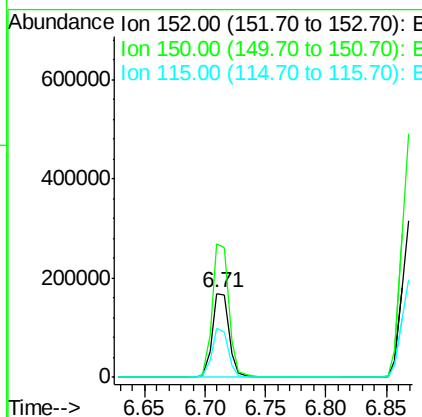
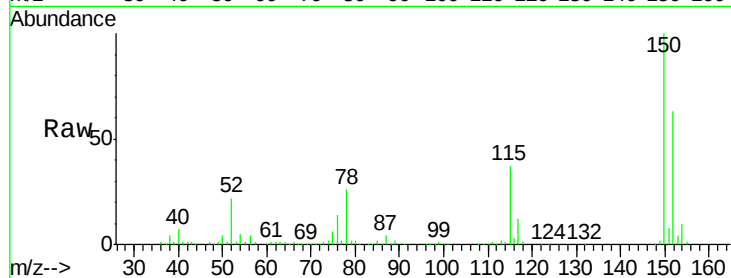


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Instrument :
BNA_F
ClientSampleId :
26524-27245

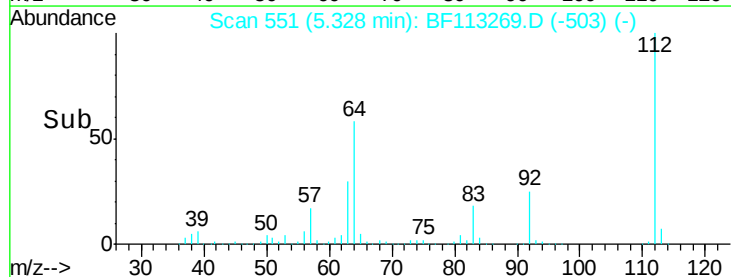
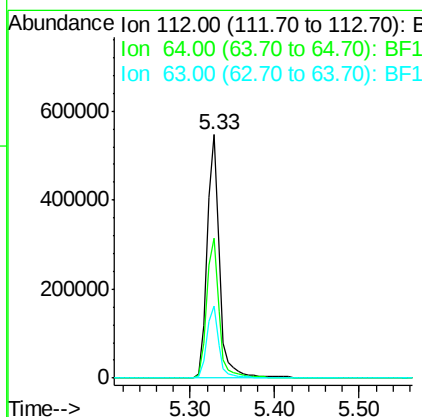
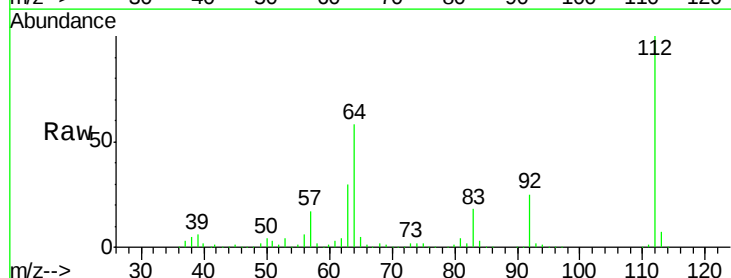
Tot Ion:152 Resp: 163014
Ion Ratio Lower Upper
152 100
150 159.4 124.2 186.2
115 58.8 48.2 72.4

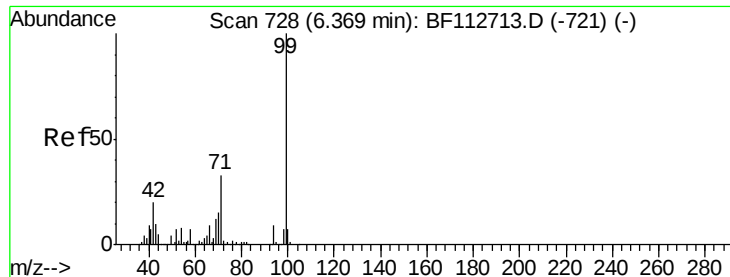


#5

2-Fluorophenol
Concen: 53.342 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113269.D
Acq: 24 Mar 2019 15:48

Tgt Ion:112 Resp: 559002
Ion Ratio Lower Upper
112 100
64 57.6 47.6 71.4
63 29.5 24.4 36.6





#7

Phenol-d6

Concen: 56.355 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

Instrument :

BNA_F

ClientSampleId :

26524-27245

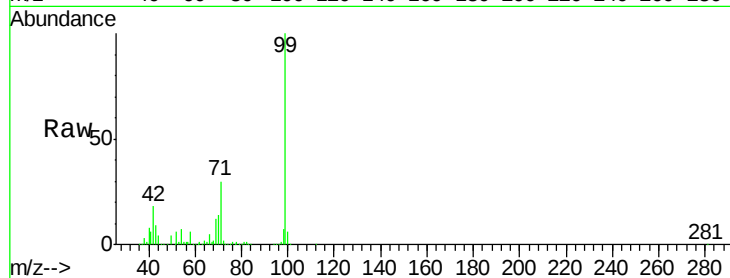
Tot Ion: 99 Resp: 741855

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

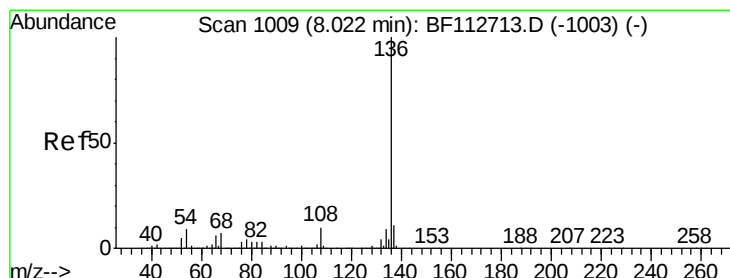
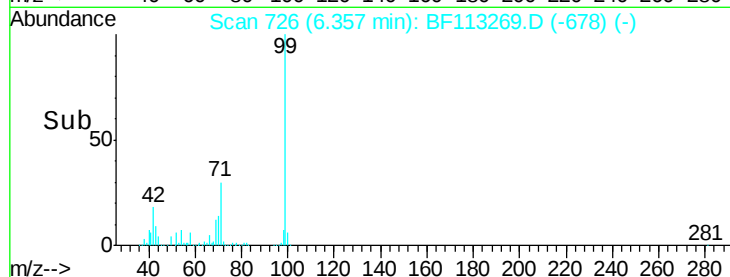
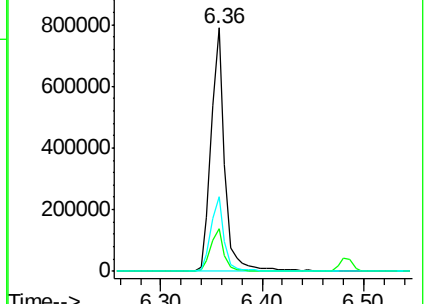
71 30.5 26.2 39.4



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: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

Tgt Ion: 136 Resp: 616545

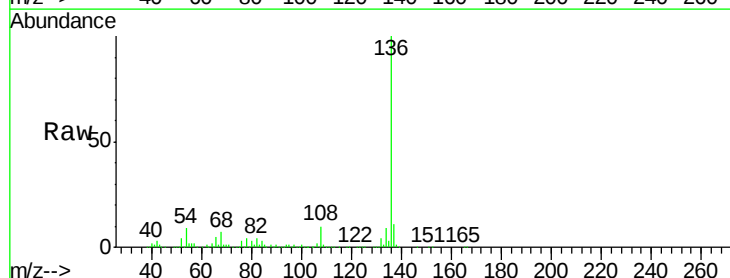
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.8 7.3 10.9

68 6.5 5.4 8.2

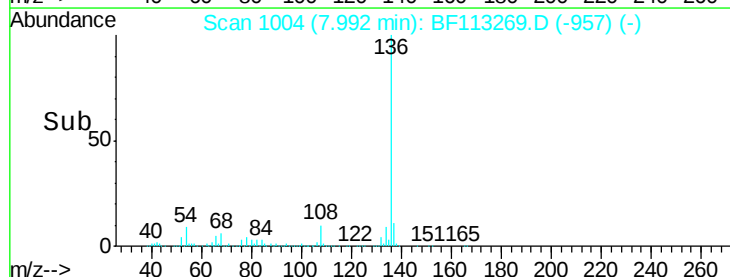
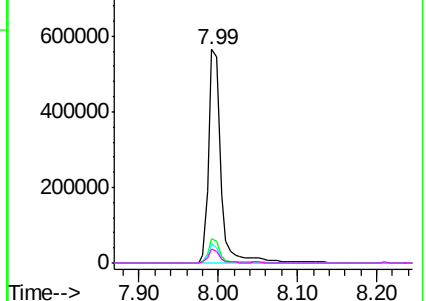


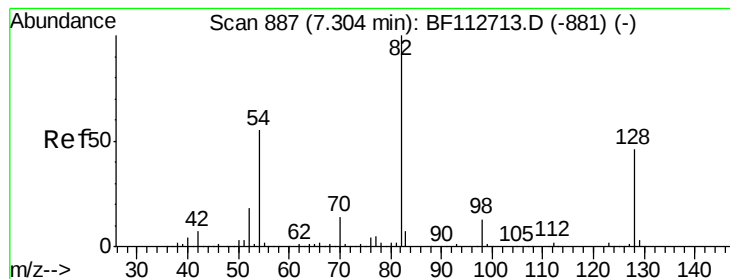
Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.631 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

Instrument :

BNA_F

ClientSampleId :

26524-27245

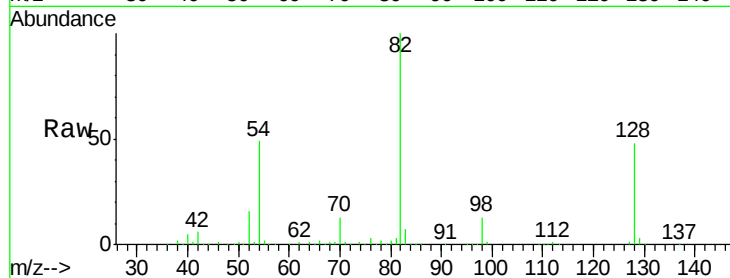
Tot Ion: 82 Resp: 439247

Ion Ratio Lower Upper

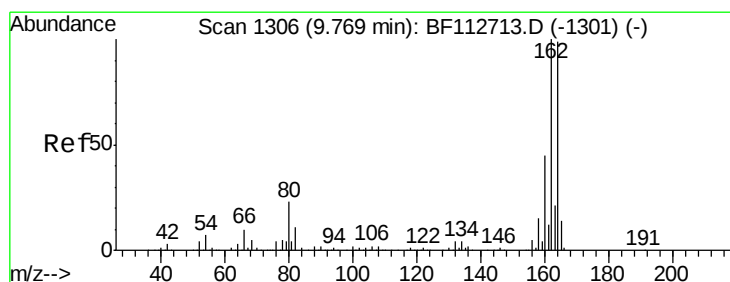
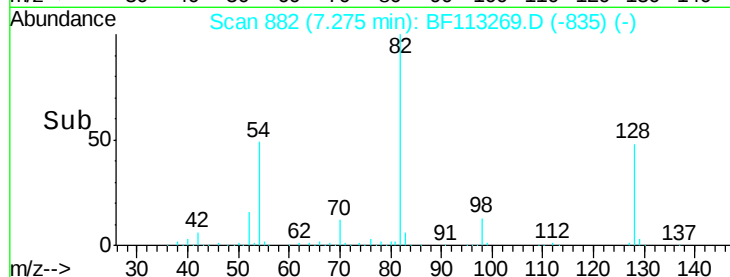
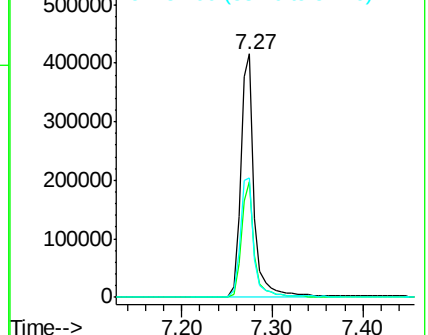
82 100

128 47.5 36.3 54.5

54 49.1 43.7 65.5



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

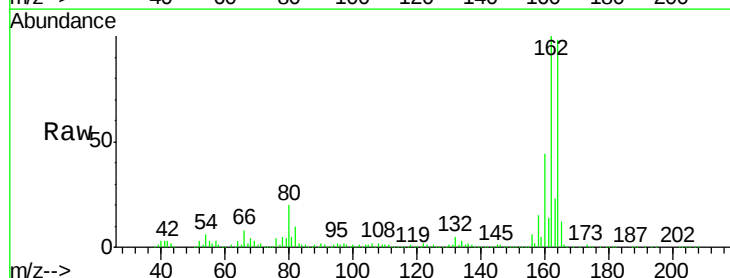
Tgt Ion:164 Resp: 287907

Ion Ratio Lower Upper

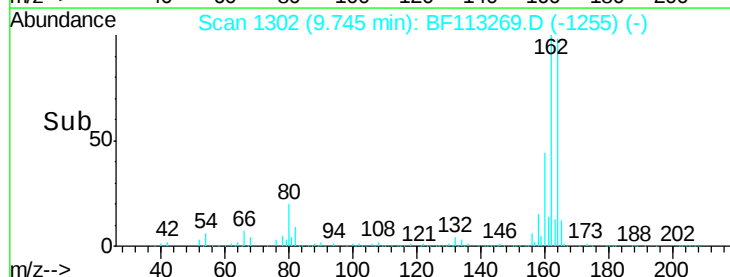
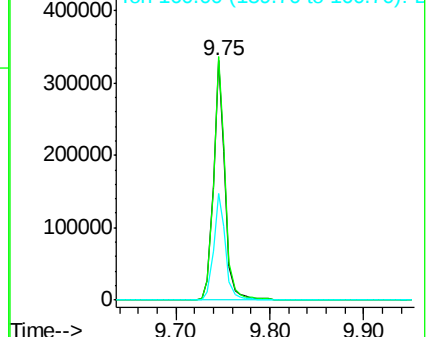
164 100

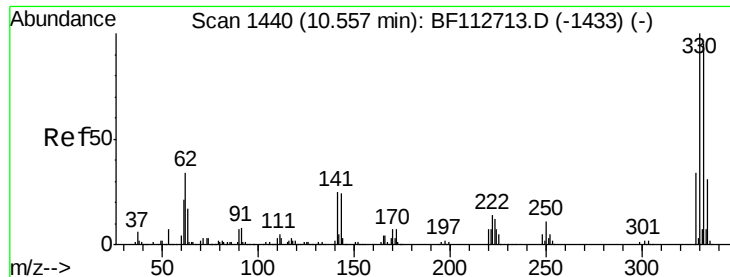
162 101.7 80.6 120.8

160 44.7 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

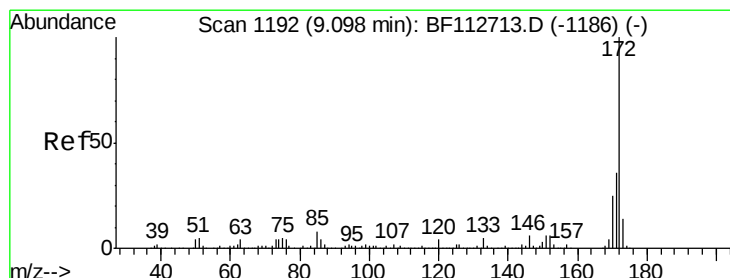
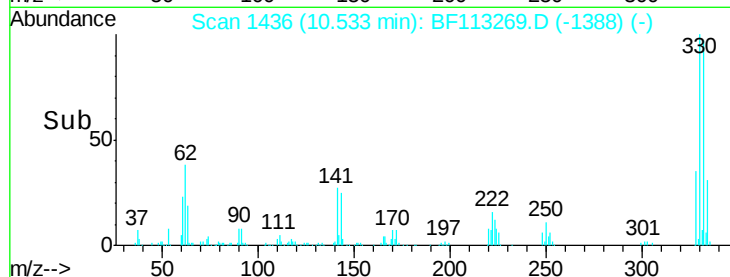
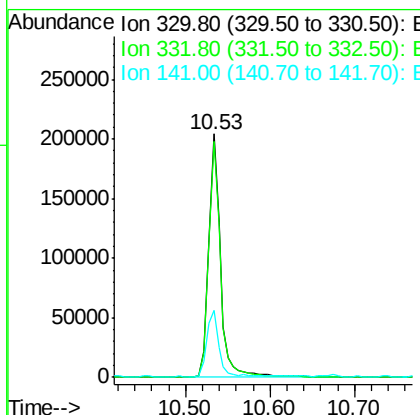
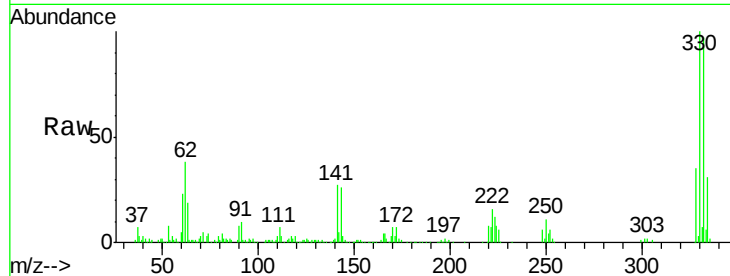




#42
 2,4,6-Tribromophenol
 Concen: 66.689 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

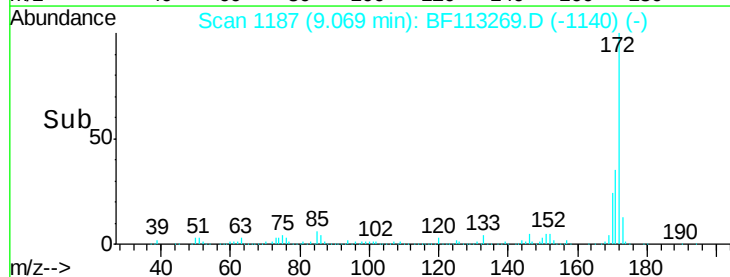
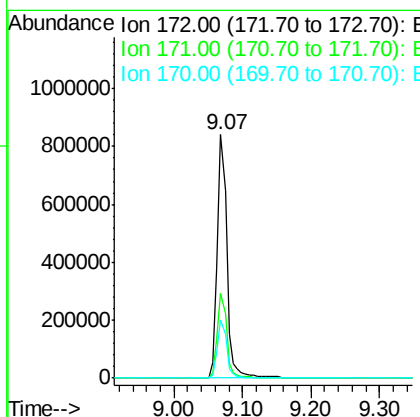
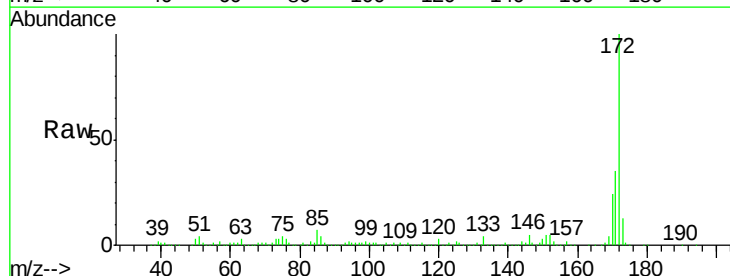
Instrument :
 BNA_F
 ClientSampleId :
 26524-27245

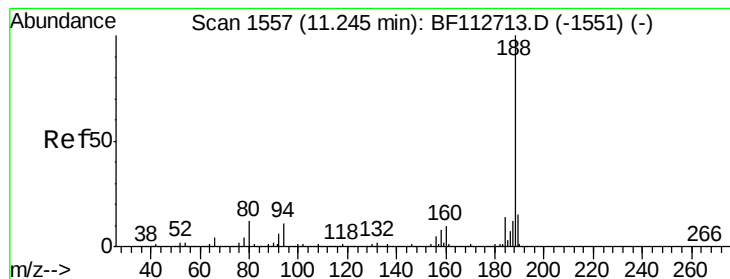
Tot Ion:330 Resp: 203834
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 27.5 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 40.060 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

Tgt Ion:172 Resp: 802823
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.0 43.4
 170 23.8 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

Instrument :

BNA_F

ClientSampleId :

26524-27245

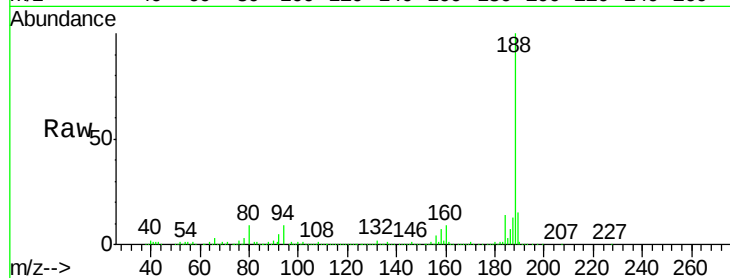
Tot Ion:188 Resp: 517474

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.4#

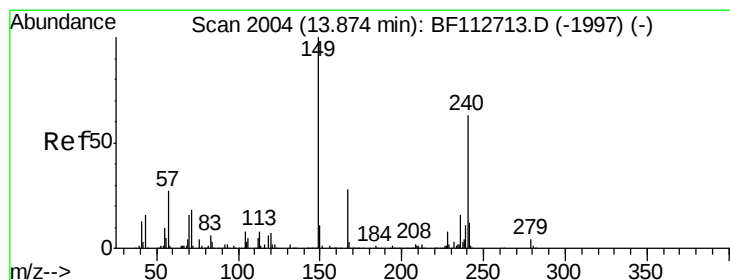
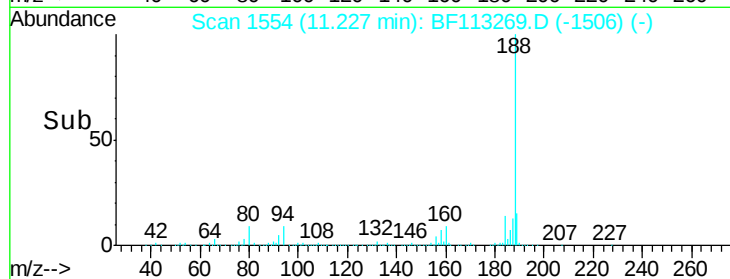
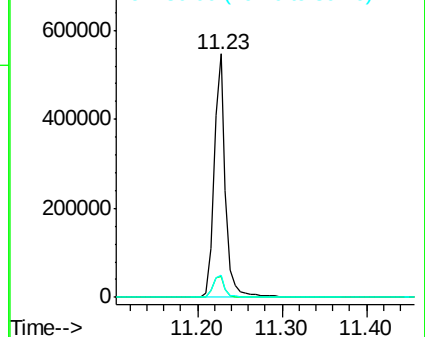
80 8.9 9.2 13.8#



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# 2001

Delta R.T. -0.01 min

Lab File: BF113269.D

Acq: 24 Mar 2019 15:48

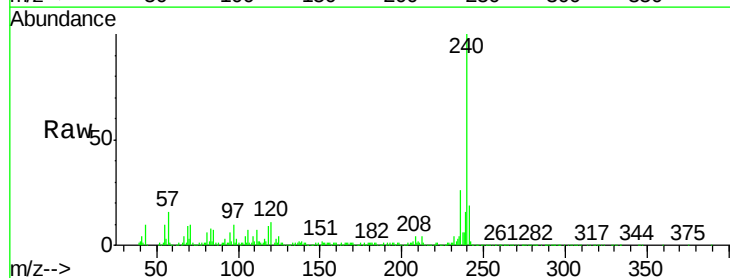
Tgt Ion:240 Resp: 406215

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

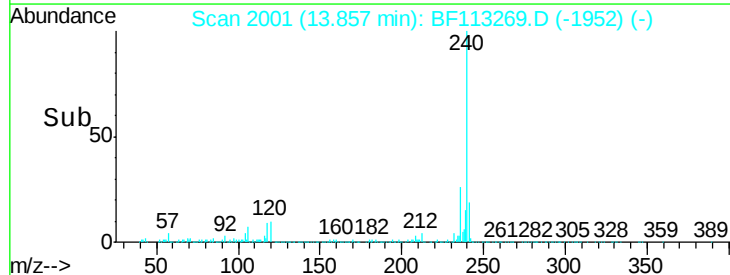
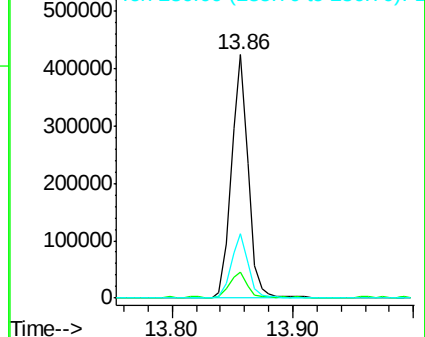
236 26.2 20.7 31.1

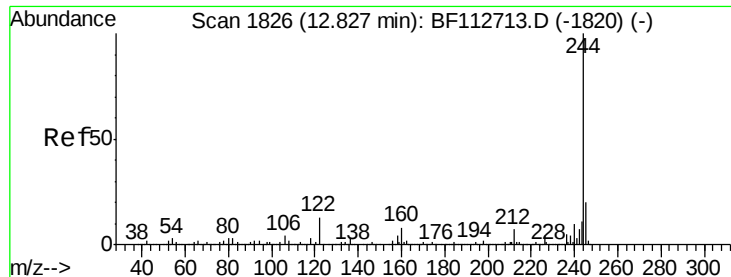


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

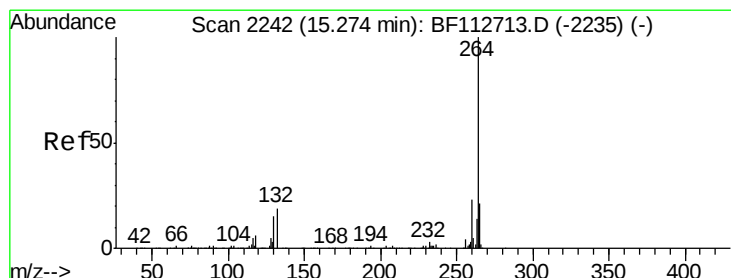
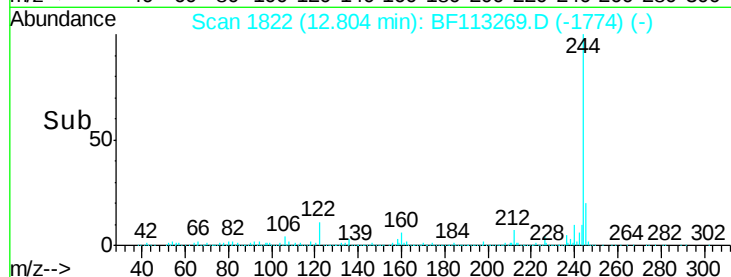
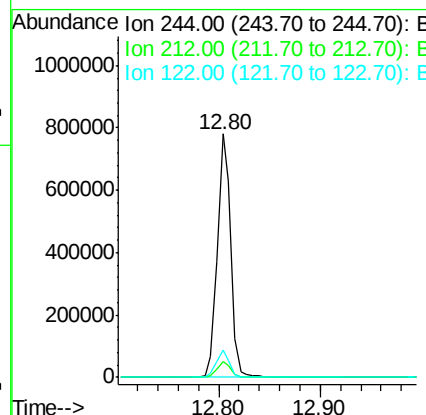
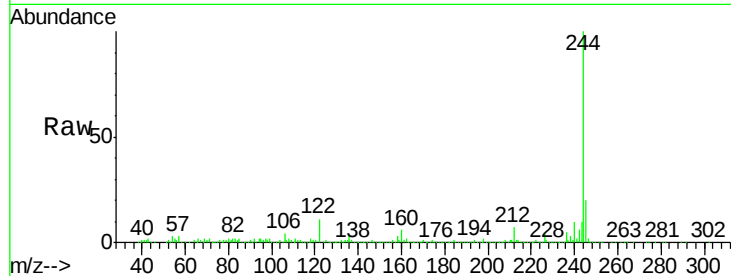




#79
 Terphenyl-d14
 Concen: 34.188 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.02 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

Instrument :
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 26524-27245

Tot Ion:244 Resp: 716409
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.3 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113269.D
 Acq: 24 Mar 2019 15:48

Tgt Ion:264 Resp: 431064
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.8 17.2 25.8

