

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113480.D
 Acq On : 1 Apr 2019 21:39
 Operator : JU/SJ
 Sample : K1689-05 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032919-B

Quant Time: Apr 02 01:10:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

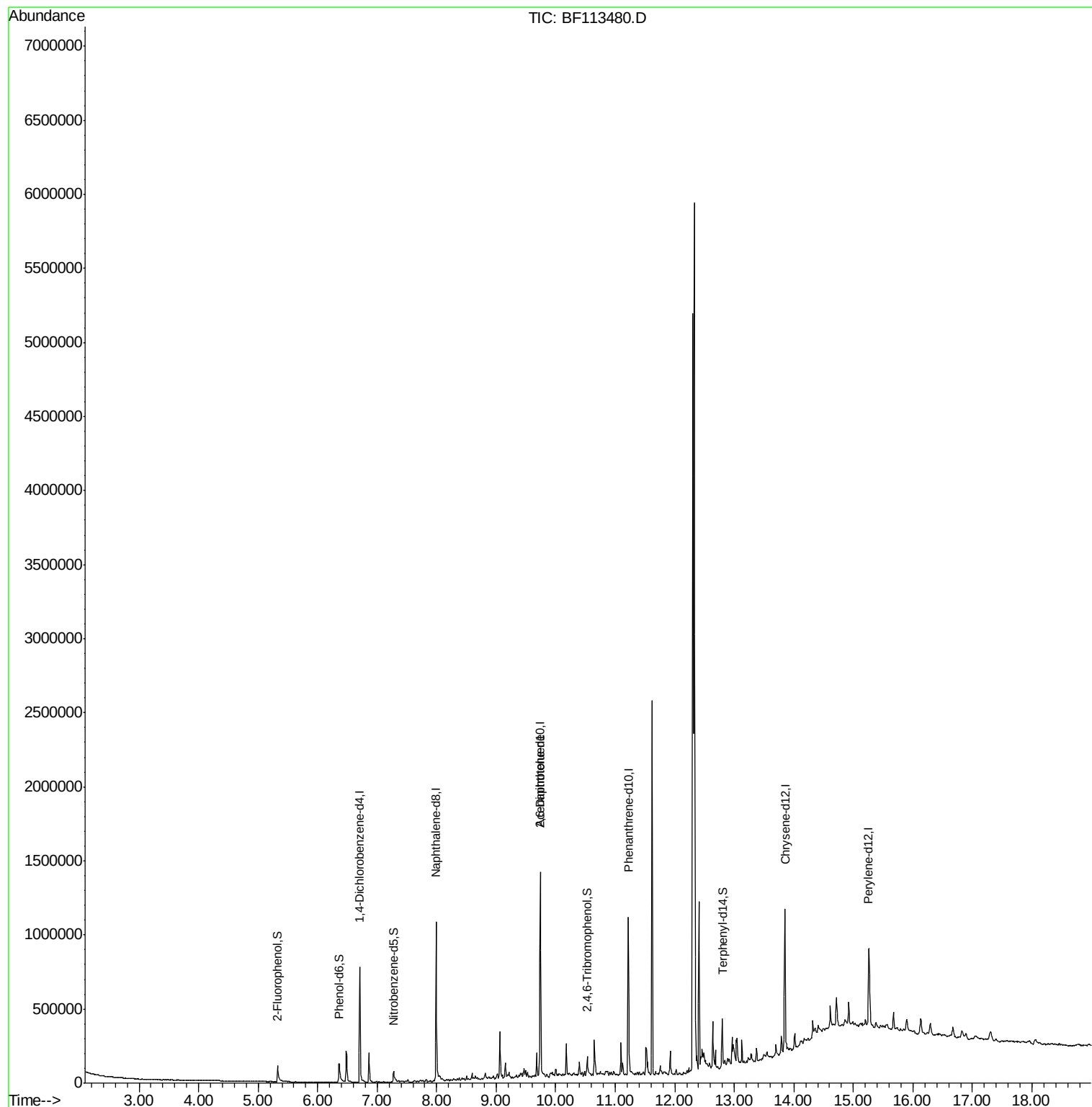
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	143384	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	585907	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	275909	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	485101	20.00	ng	0.00
76) Chrysene-d12	13.85	240	383004	20.00	ng	0.00
87) Perylene-d12	15.26	264	260307	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	58268	6.64	ng	0.01
7) Phenol-d6	6.36	99	88492	7.98	ng	0.00
23) Nitrobenzene-d5	7.27	82	44147	4.47	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	22681	6.66	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	119134	-13.72	ng	0.00
79) Terphenyl-d14	12.80	244	120388	6.93	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.74	165	36434	7.898	ng	Qvalue # 27

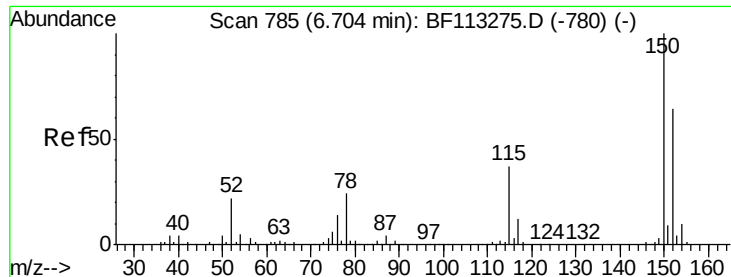
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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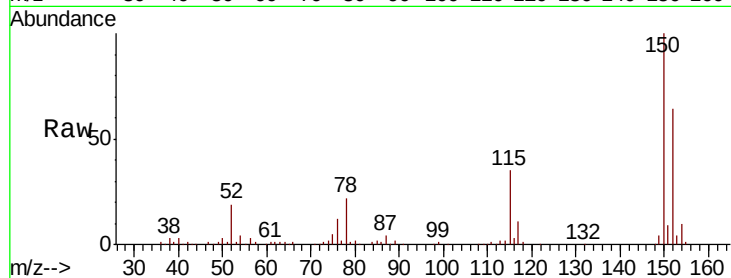


#1

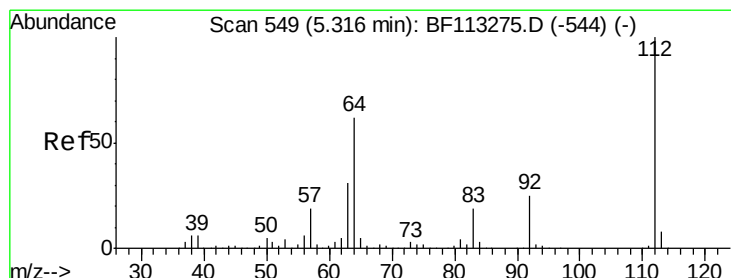
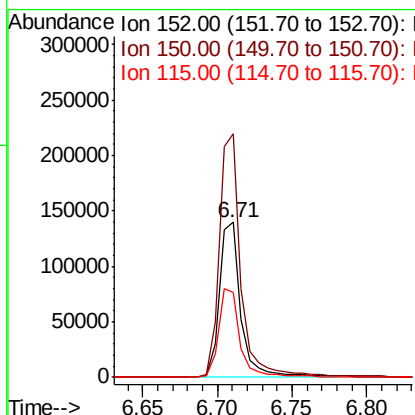
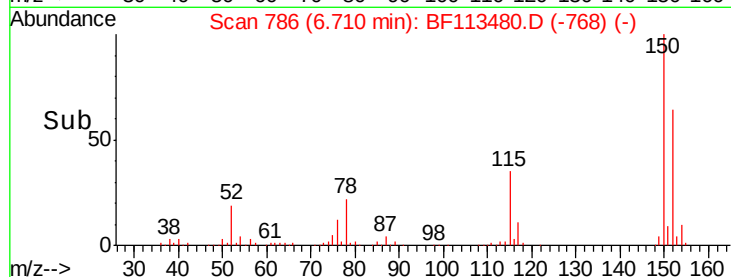
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF113480.D
 Acq: 1 Apr 2019 21:39

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032919-B

Tgt Ion:152 Resp: 143384
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.7 187.1
 115 54.9 46.0 69.0



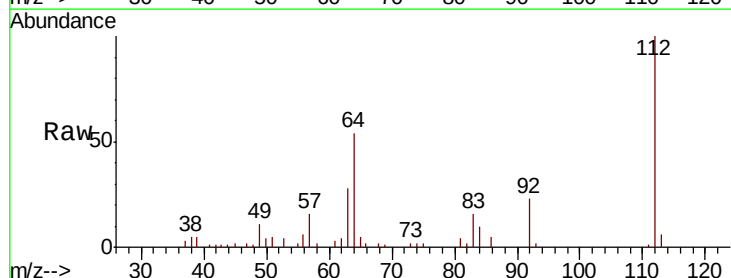
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



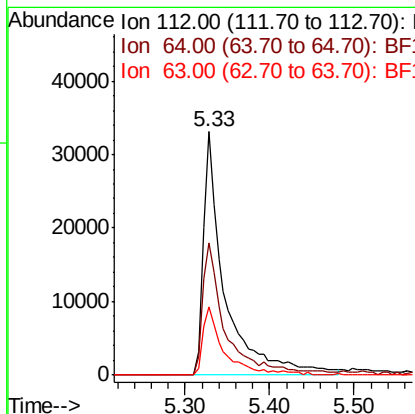
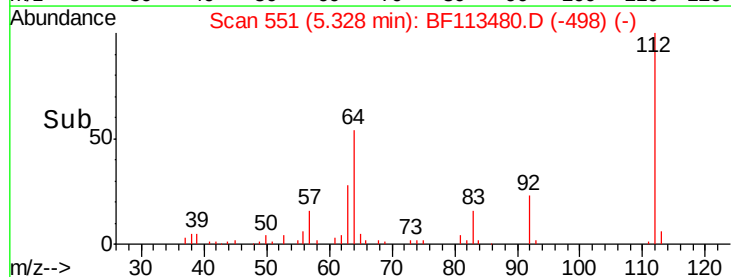
#5

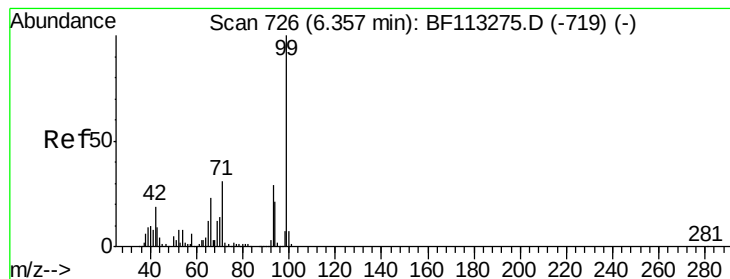
2-Fluorophenol
 Concen: 6.645 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113480.D
 Acq: 1 Apr 2019 21:39

Tgt Ion:112 Resp: 58268
 Ion Ratio Lower Upper
 112 100
 64 54.3 49.2 73.8
 63 27.9 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: 7.977 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113480.D

Acq: 1 Apr 2019 21:39

Instrument :

BNA_F

ClientSampleId :

NB-08-032919-B

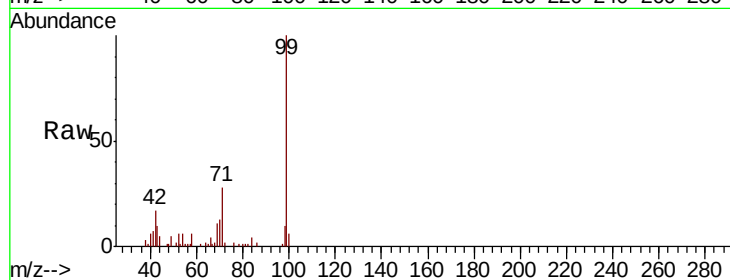
Tgt Ion: 99 Resp: 88492

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

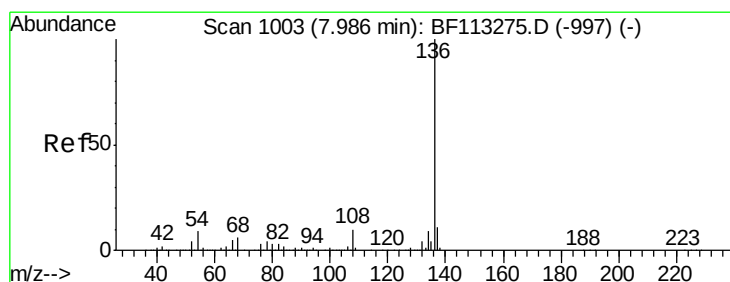
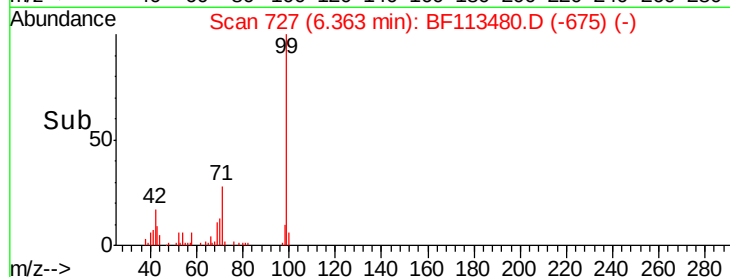
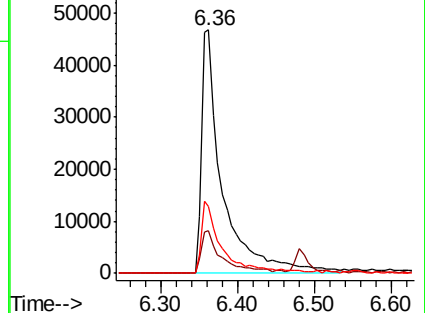
71 27.8 24.9 37.3



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. 0.01 min

Lab File: BF113480.D

Acq: 1 Apr 2019 21:39

Tgt Ion: 136 Resp: 585907

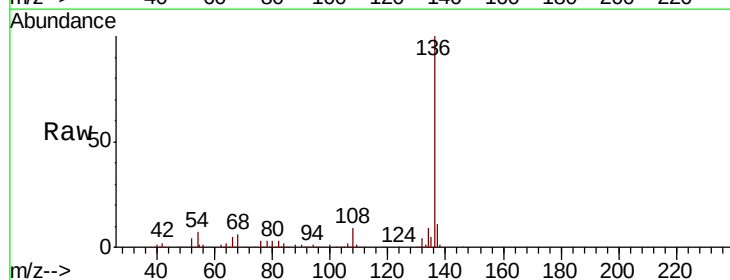
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 7.0 10.6

68 5.7 4.8 7.2

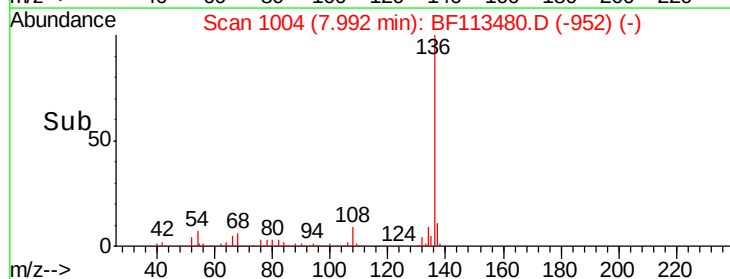
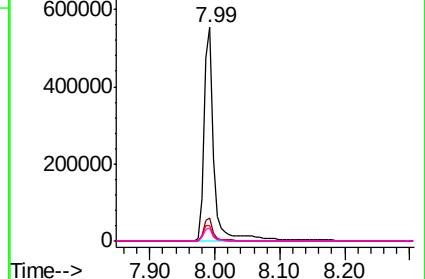


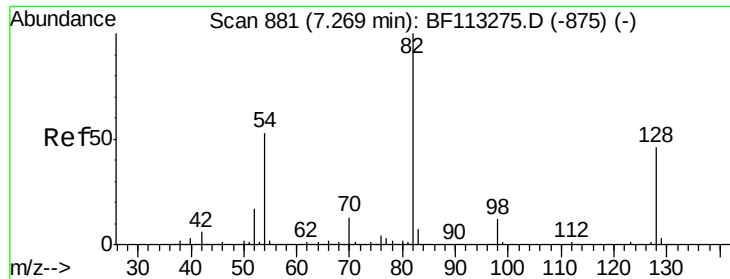
Abundance Ion 136.00 (135.70 to 136.70): E

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

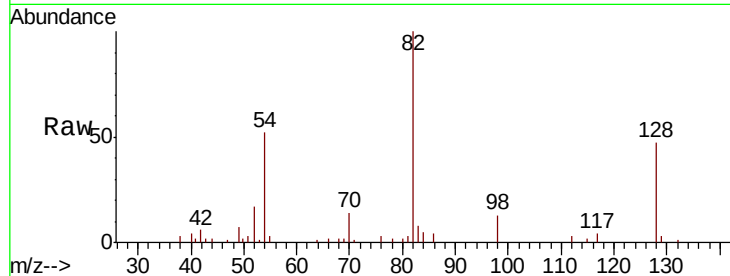




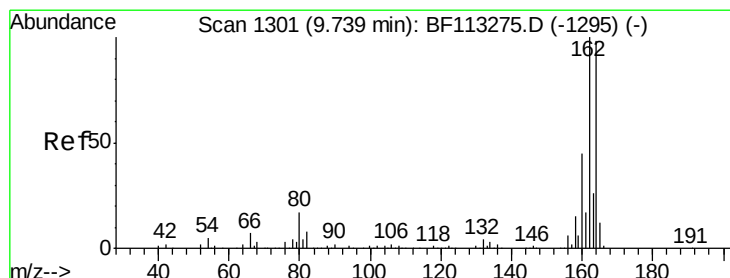
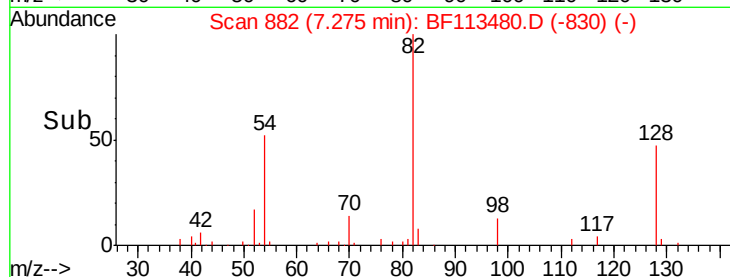
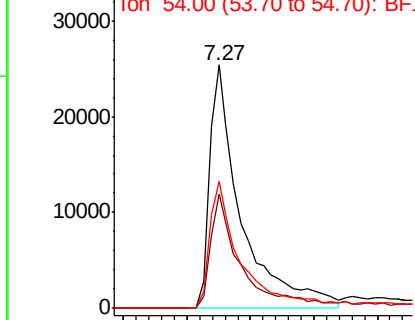
#23
 Nitrobenzene-d5
 Concen: 4.472 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113480.D
 Acq: 1 Apr 2019 21:39

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032919-B

Tgt Ion: 82 Resp: 44147
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.5 54.7
 54 52.1 42.2 63.2

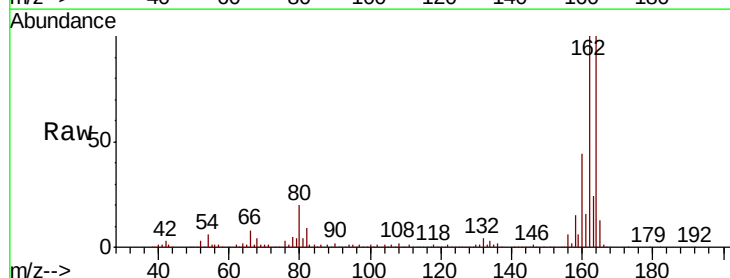


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

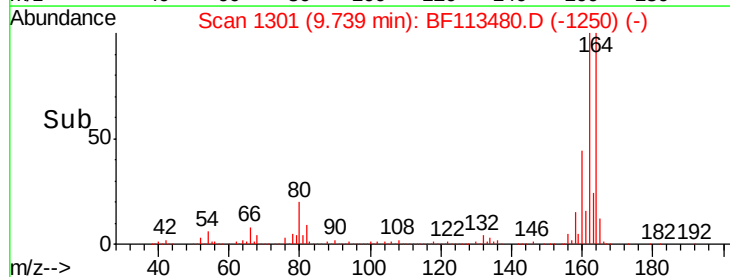
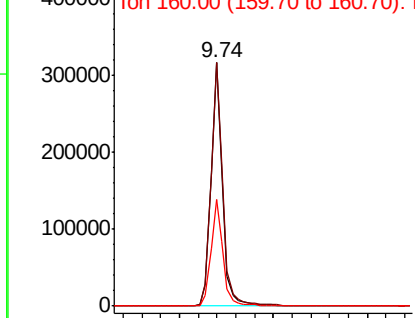


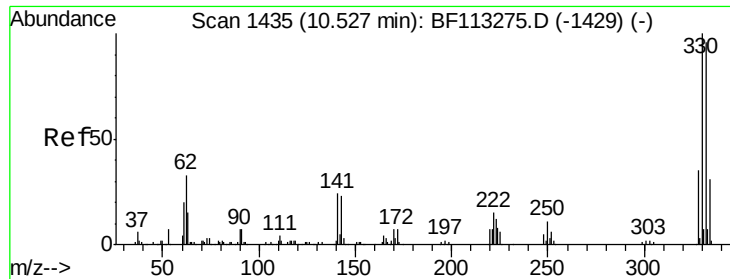
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF113480.D
 Acq: 1 Apr 2019 21:39

Tgt Ion: 164 Resp: 275909
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.8 122.6
 160 44.0 36.4 54.6



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

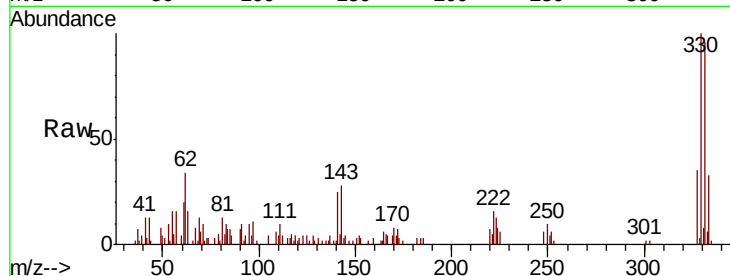




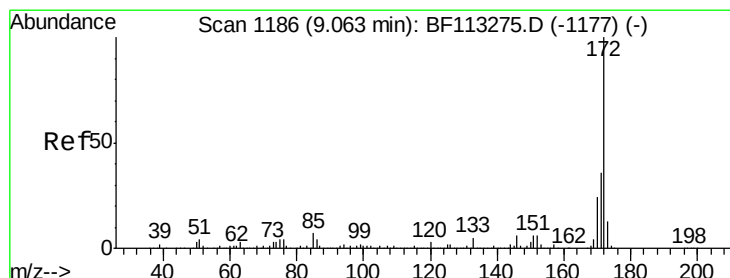
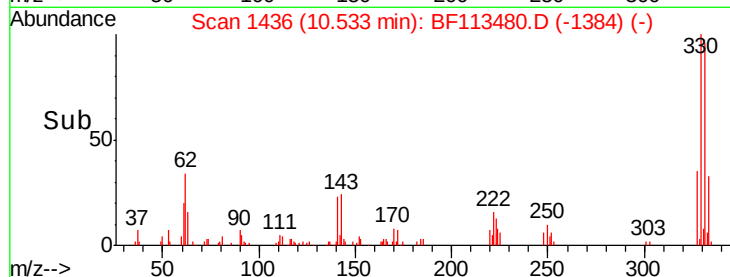
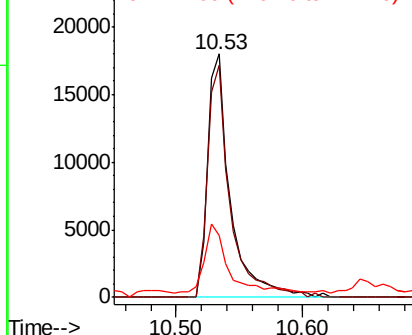
#42
 2,4,6-Tribromophenol
 Concen: 6.655 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF113480.D
 Acq: 1 Apr 2019 21:39

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032919-B

Tgt Ion:330 Resp: 22681
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.8 116.6
 141 29.6 22.7 34.1

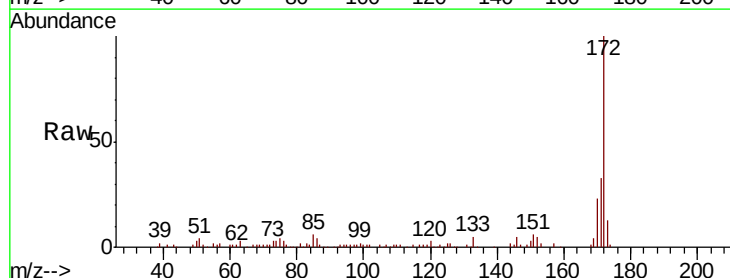


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

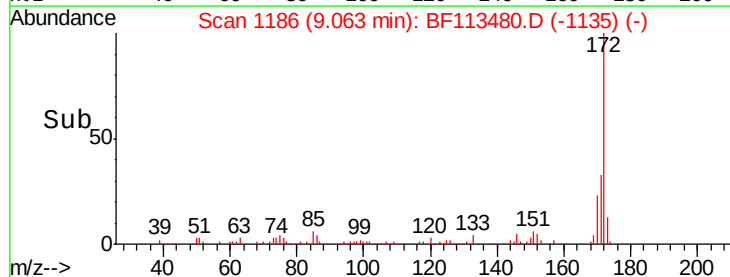
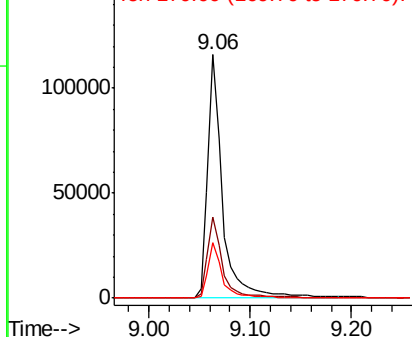


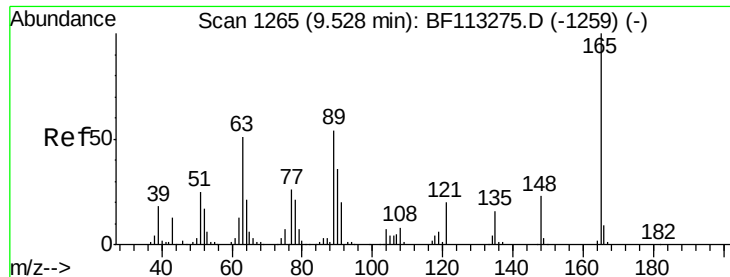
#45
 2-Fluorobiphenyl
 Concen: -13.715 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113480.D
 Acq: 1 Apr 2019 21:39

Tgt Ion:172 Resp: 119134
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.0 43.6
 170 22.6 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





#51

2,6-Dinitrotoluene

Concen: 7.898 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.21 min

Lab File: BF113480.D

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Instrument :

BNA_F

ClientSampleId :

NB-08-032919-B

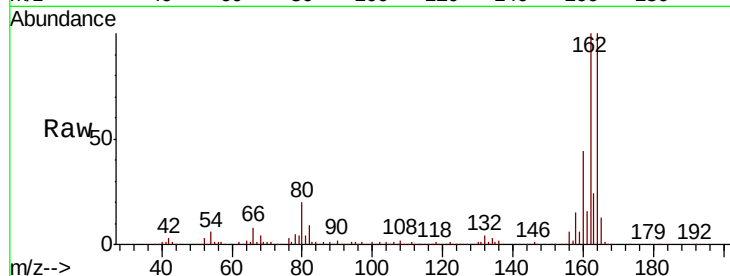
Tgt Ion:165 Resp: 36434

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

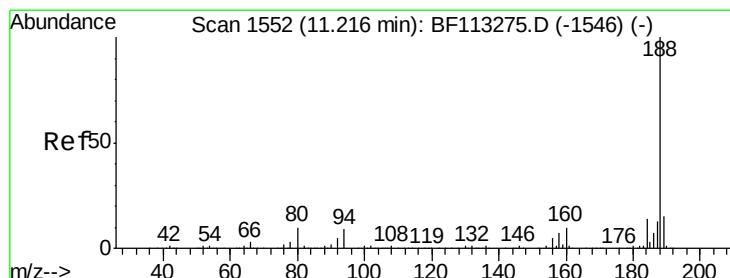
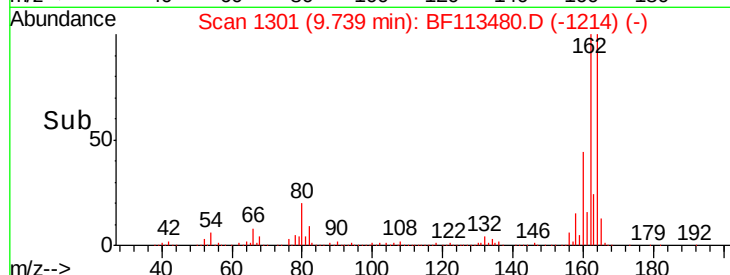
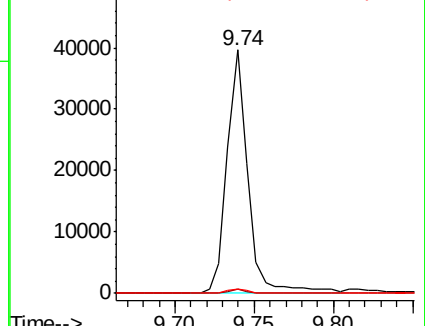
89 1.6 43.1 64.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF113480.D

Acq: 1 Apr 2019 21:39

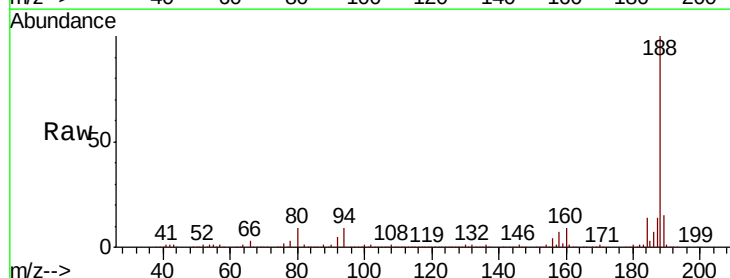
Tgt Ion:188 Resp: 485101

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

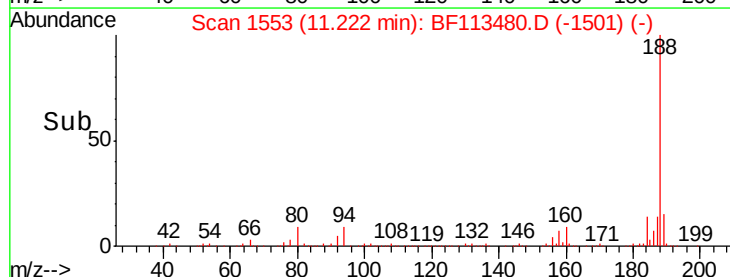
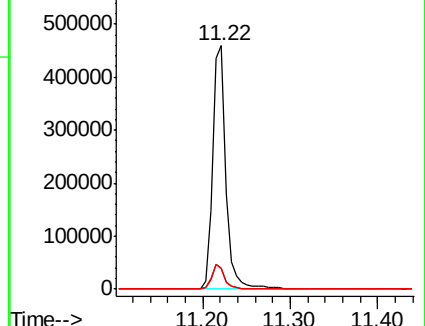
80 8.5 7.7 11.5

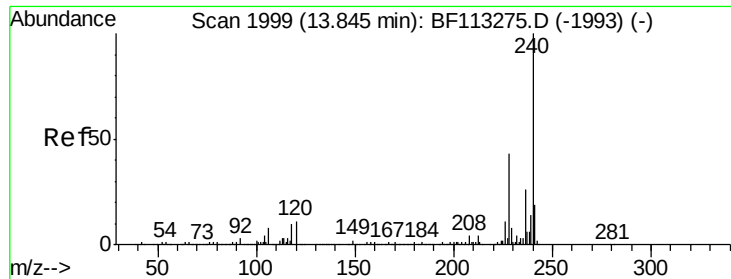


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

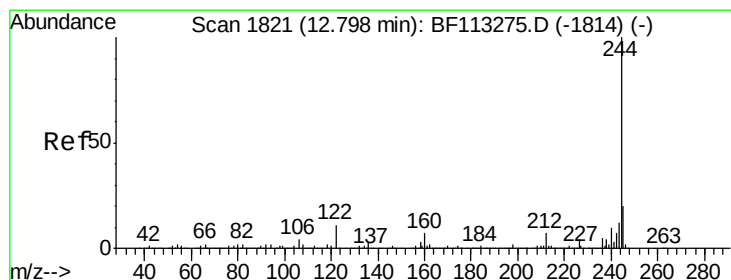
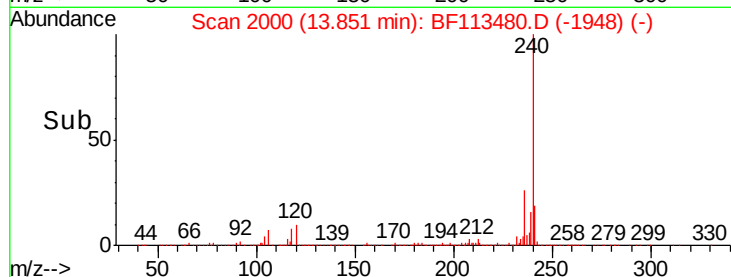
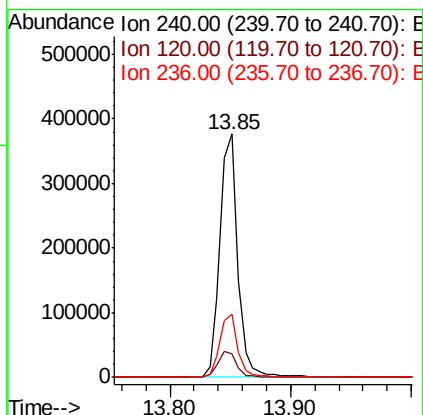
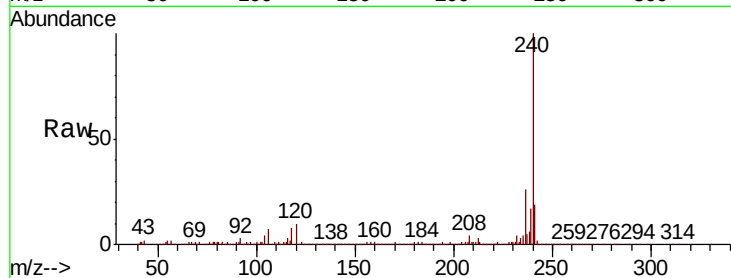




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113480.D
Acq: 1 Apr 2019 21:39

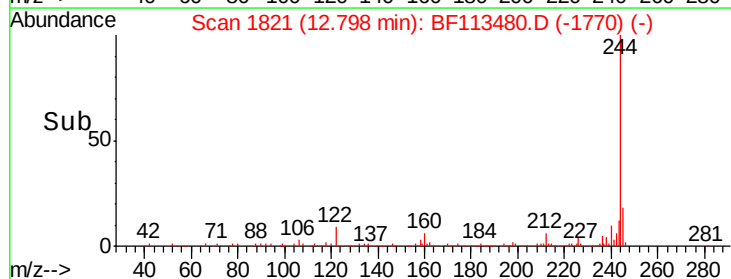
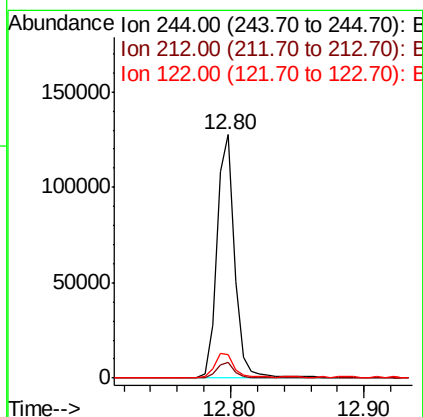
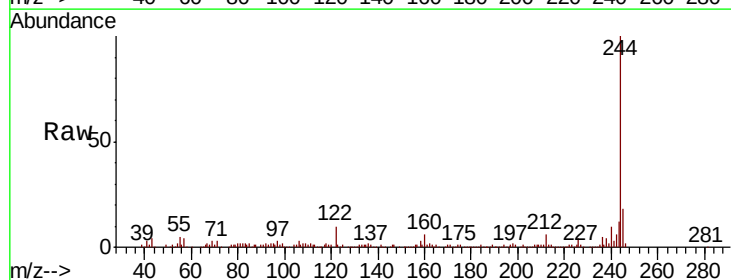
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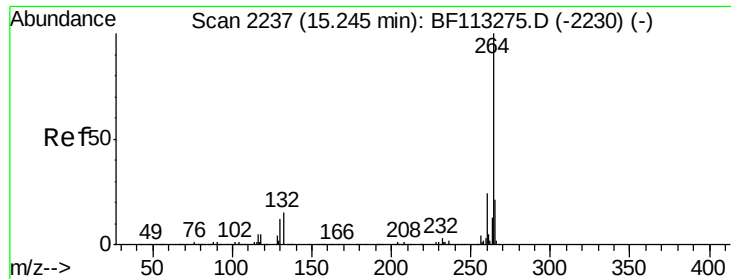
Tgt Ion:240 Resp: 383004
Ion Ratio Lower Upper
240 100
120 9.8 8.8 13.2
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 6.928 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113480.D
Acq: 1 Apr 2019 21:39

Tgt Ion:244 Resp: 120388
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 9.5 8.6 13.0





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF113480.D
 Acq: 1 Apr 2019 21:39

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.0	17.1	25.7

