

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113477.D
 Acq On : 1 Apr 2019 20:15
 Operator : JU/SJ
 Sample : K1689-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 02 03:26:06 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	130419	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	523288	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	246336	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	431901	20.00	ng	0.00
76) Chrysene-d12	13.85	240	379575	20.00	ng	0.00
87) Perylene-d12	15.26	264	250935	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	66222	8.30	ng	0.01
7) Phenol-d6	6.36	99	99150	9.83	ng	0.00
23) Nitrobenzene-d5	7.27	82	50299	5.71	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	24334	8.00	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	134093	7.79	ng	0.00

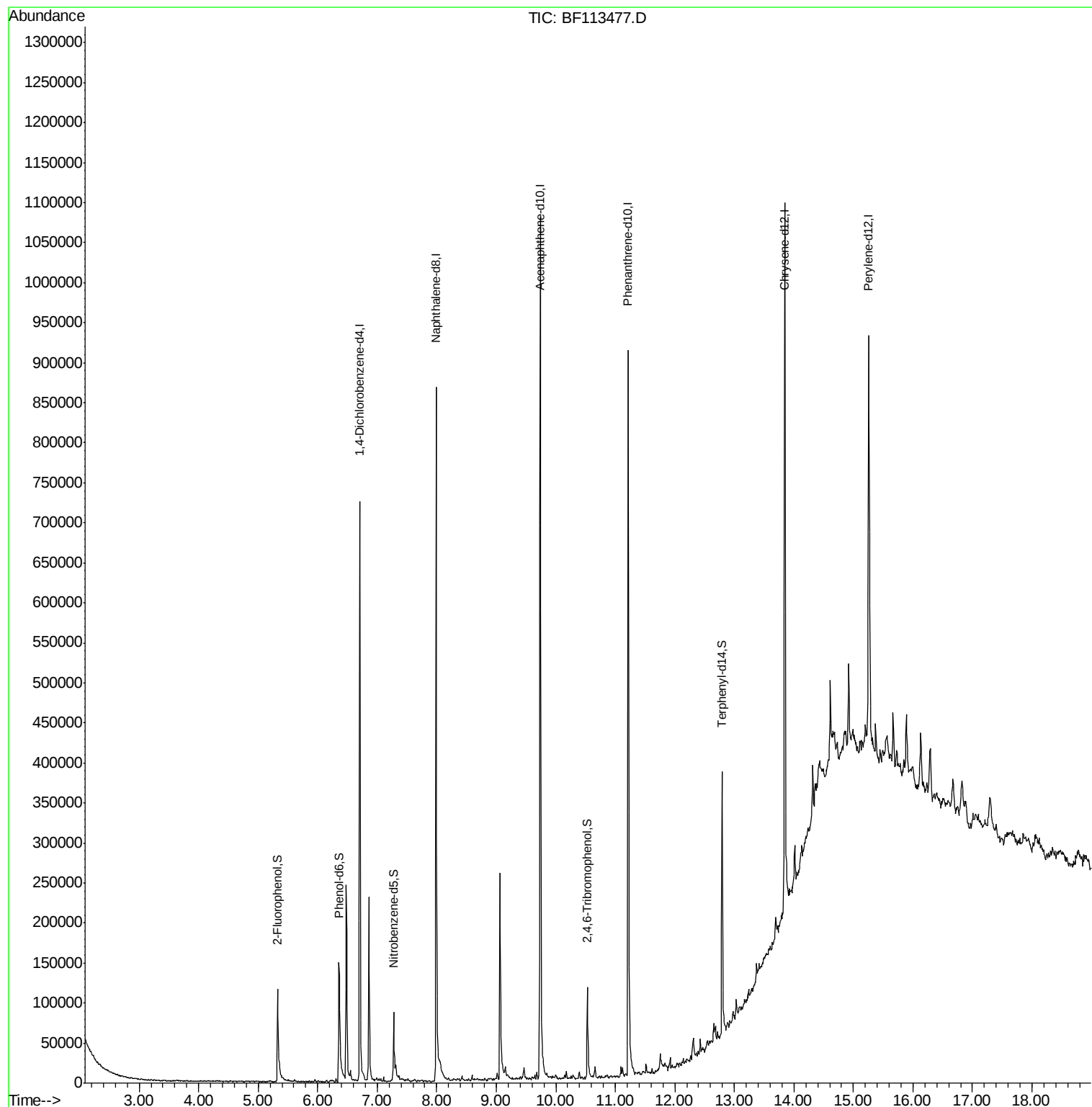
Target Compounds	Qvalue
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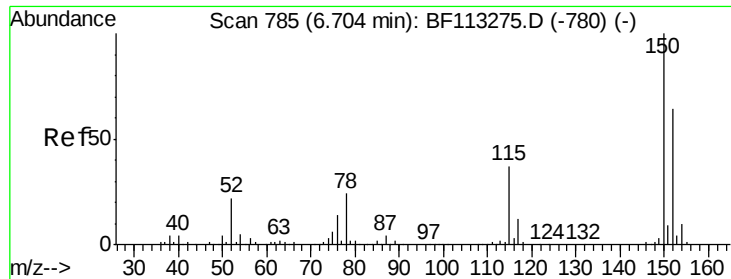
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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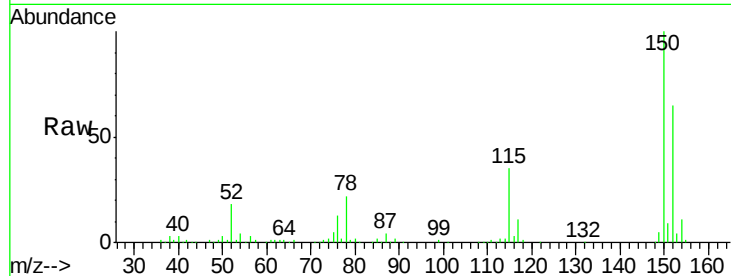


#1

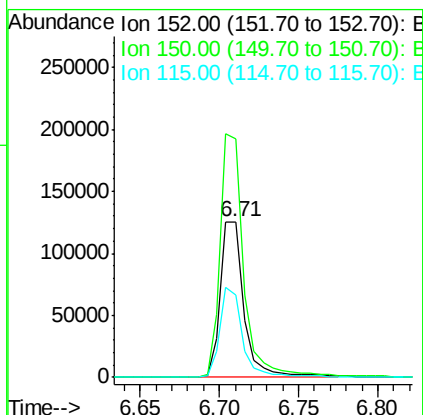
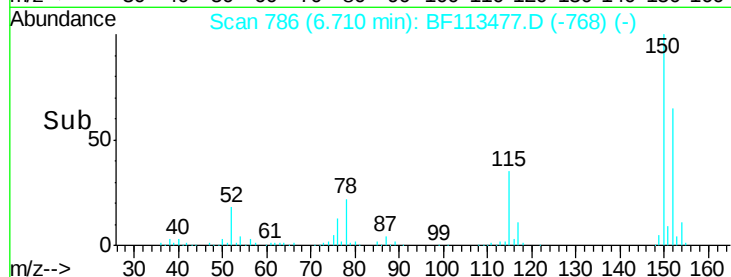
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

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

Tgt Ion:152 Resp: 130419
Ion Ratio Lower Upper
152 100
150 153.1 124.7 187.1
115 53.2 46.0 69.0



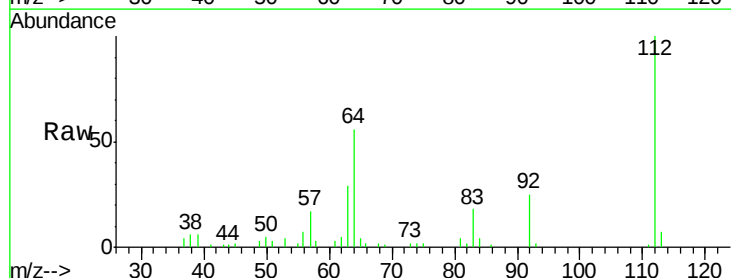
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



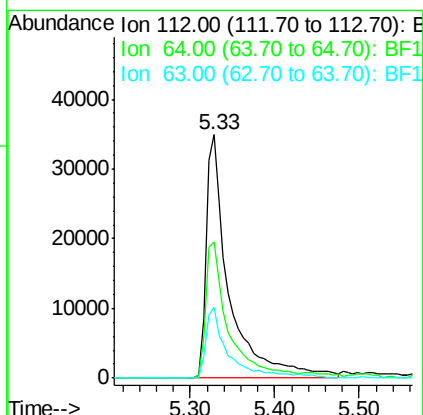
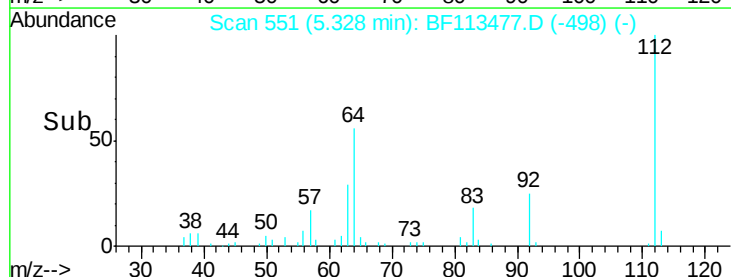
#5

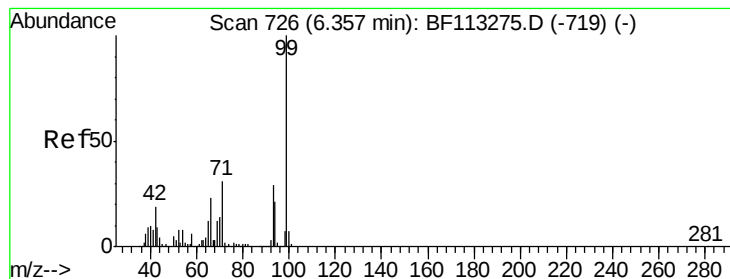
2-Fluorophenol
Concen: 8.303 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Tgt Ion:112 Resp: 66222
Ion Ratio Lower Upper
112 100
64 56.1 49.2 73.8
63 29.2 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: 9.826 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113477.D

Acq: 1 Apr 2019 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-032919-A

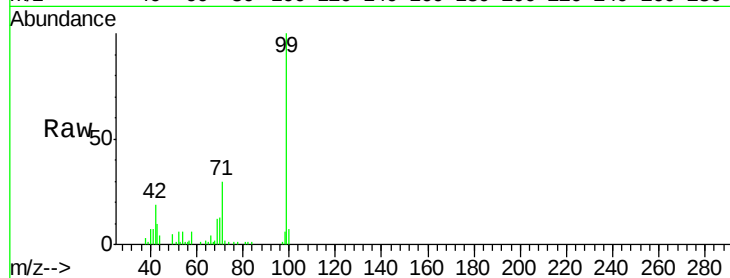
Tgt Ion: 99 Resp: 99150

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

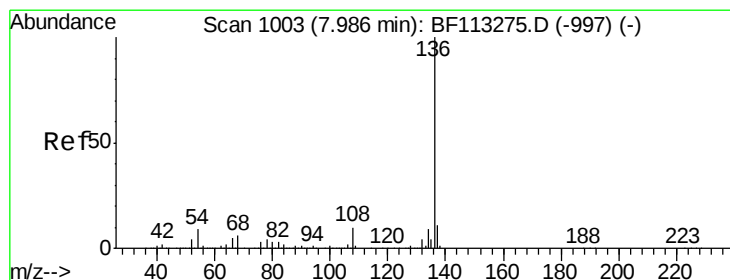
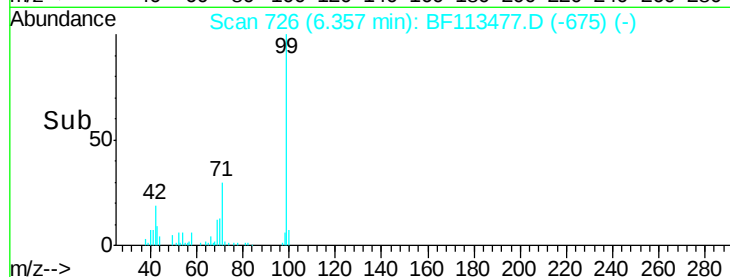
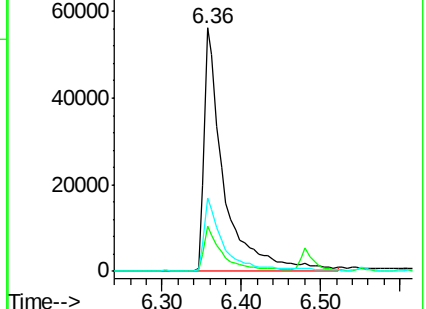
71 30.4 24.9 37.3



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: BF113477.D

Acq: 1 Apr 2019 20:15

Tgt Ion: 136 Resp: 523288

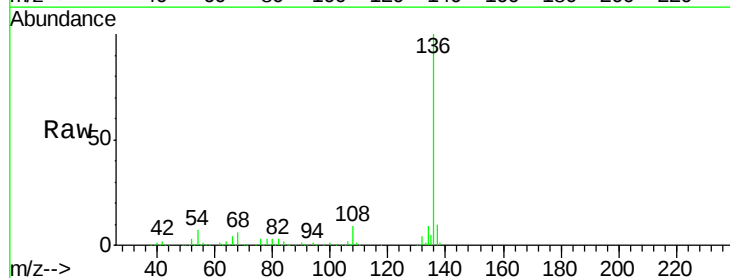
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.0 7.0 10.6#

68 5.5 4.8 7.2

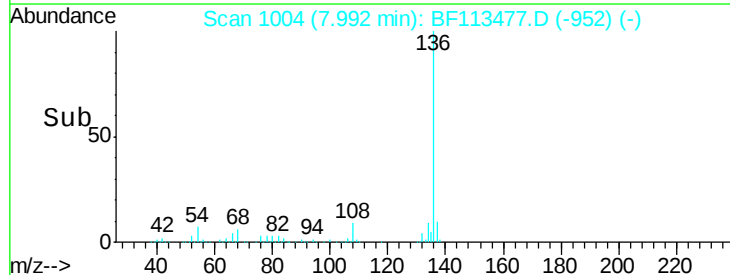
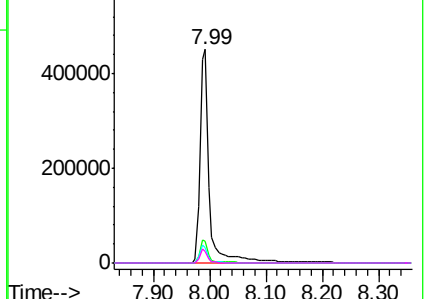


Abundance Ion 136.00 (135.70 to 136.70): E

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

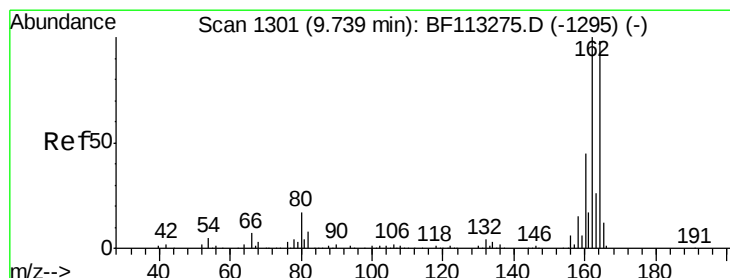
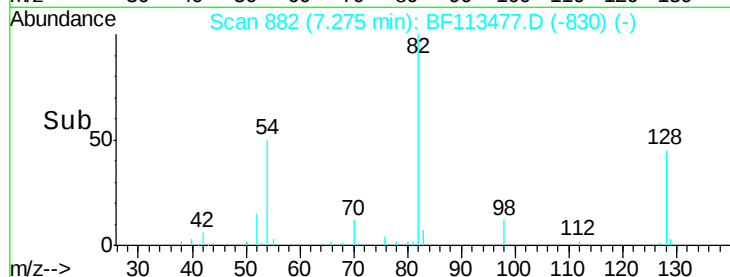
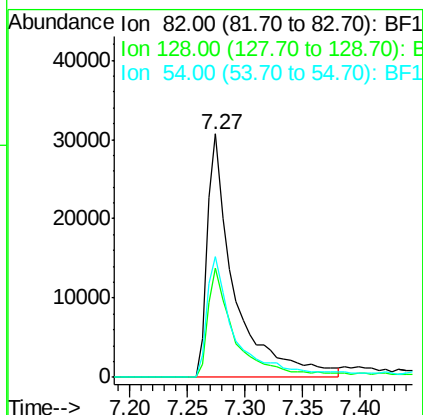
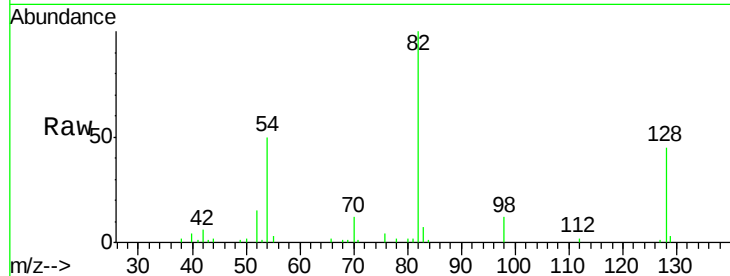




#23
Nitrobenzene-d5
Concen: 5.705 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

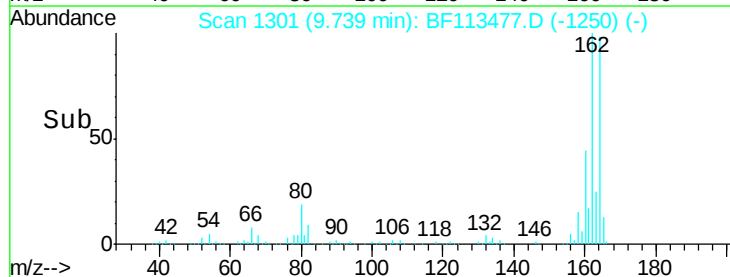
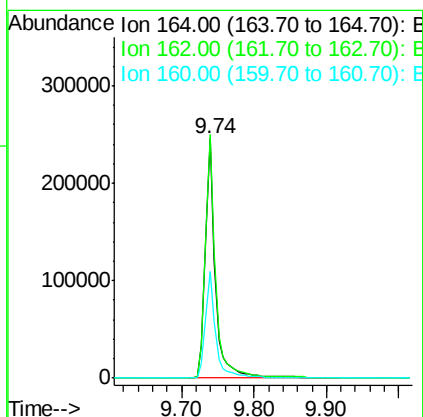
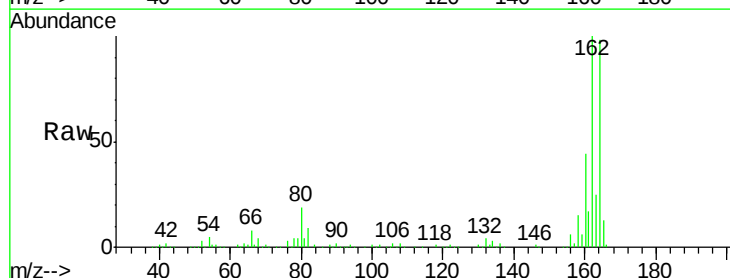
Instrument :
BNA_F
ClientSampleId :
NB-08-032919-A

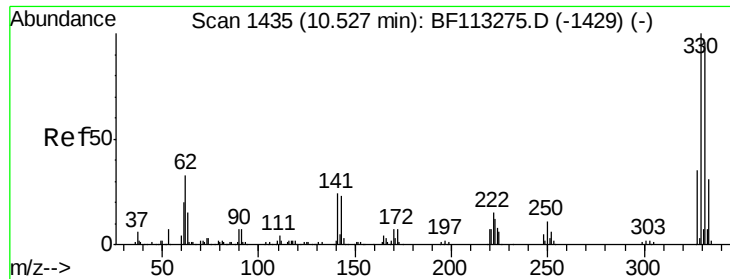
Tgt Ion: 82 Resp: 50299
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 49.7 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Tgt Ion: 164 Resp: 246336
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.6
160 44.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 7.997 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113477.D

Acq: 1 Apr 2019 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-032919-A

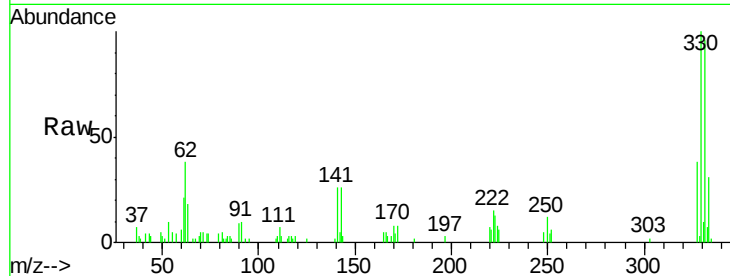
Tgt Ion:330 Resp: 24334

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

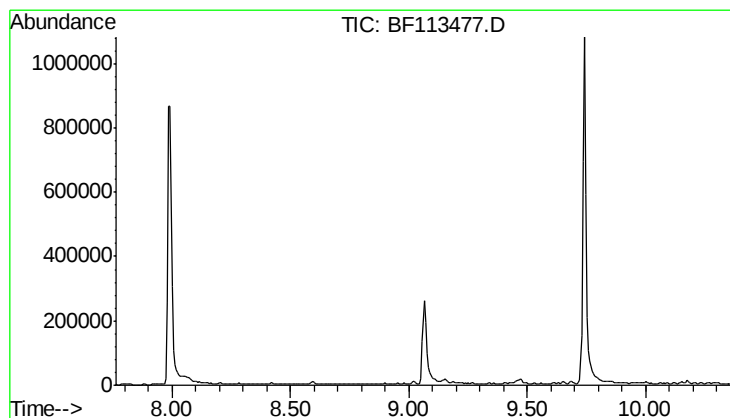
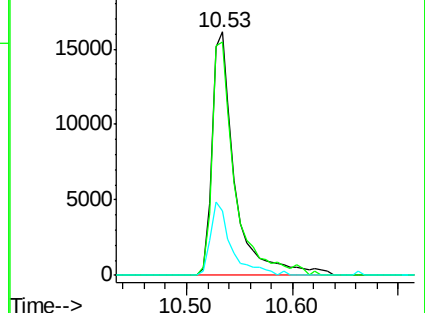
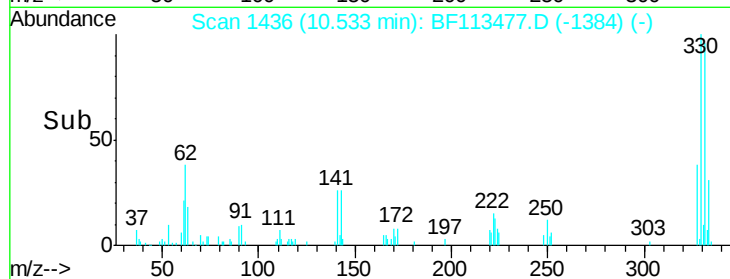
141 27.8 22.7 34.1



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: 0.000 ng

Expected RT: 9.06 min

Lab File: BF113477.D

Acq: 1 Apr 2019 20:15

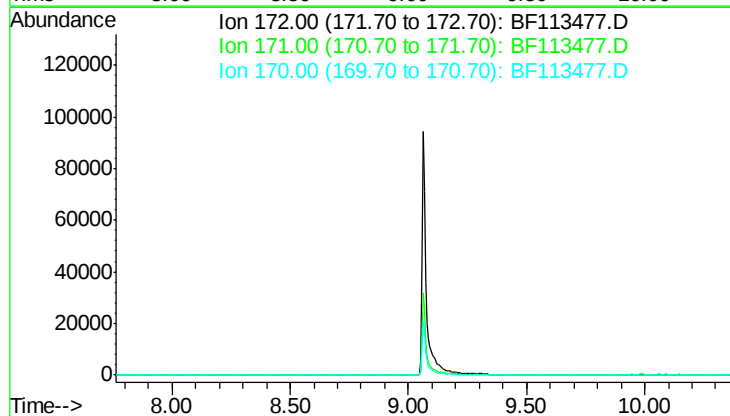
Tgt Ion: 172

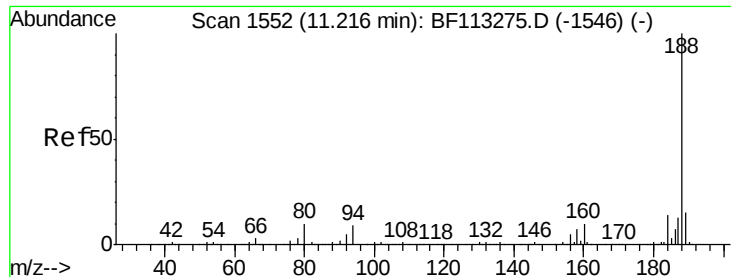
Sig Exp Ratio

172 100

171 36.3

170 24.4

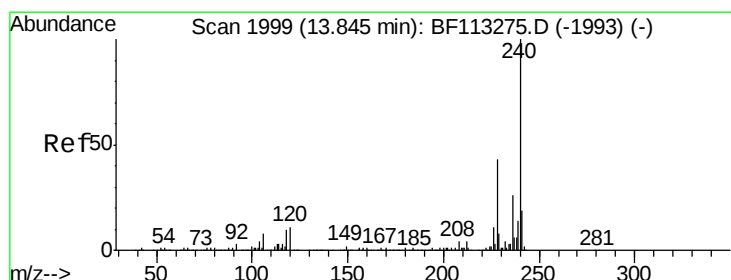
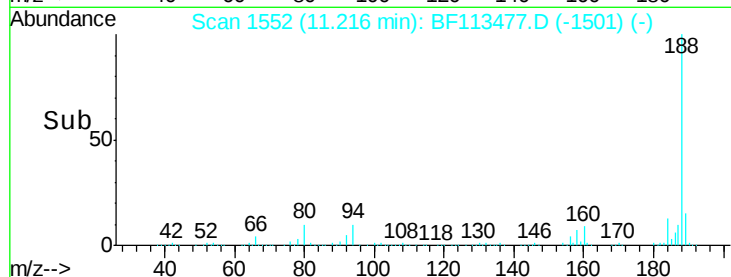
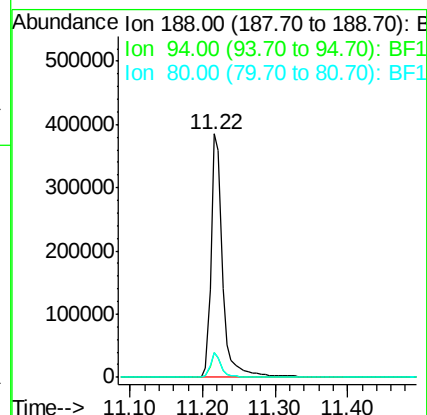
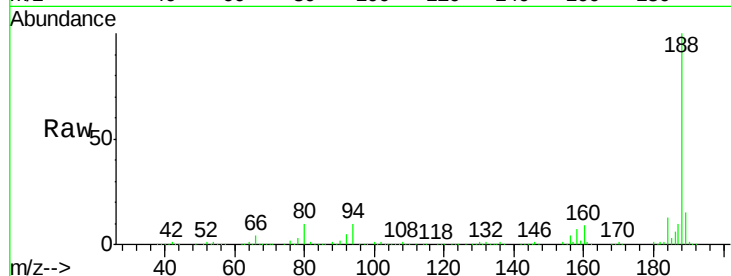




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

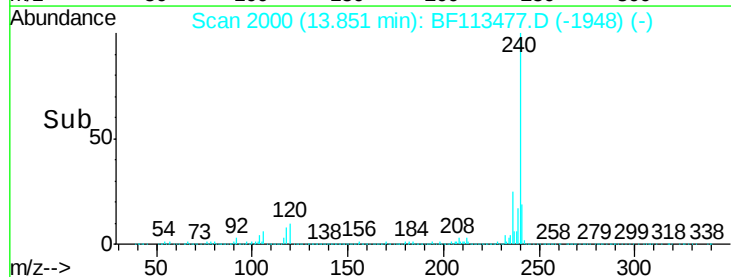
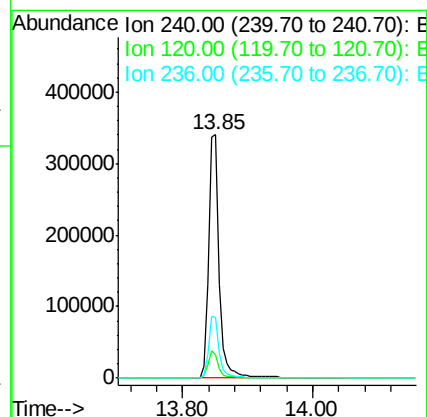
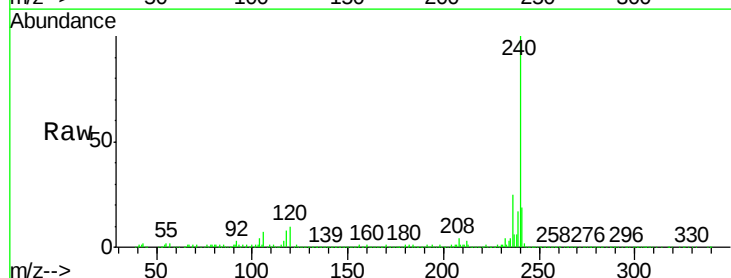
Instrument :
BNA_F
ClientSampleId :
NB-08-032919-A

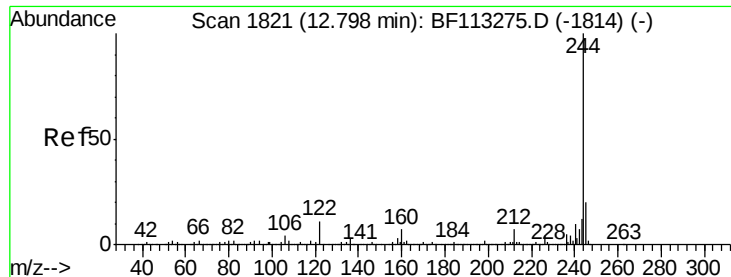
Tgt Ion:188 Resp: 431901
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Tgt Ion:240 Resp: 379575
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 25.1 20.9 31.3





#79

Terphenyl-d14

Concen: 7.787 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113477.D

Acq: 1 Apr 2019 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-032919-A

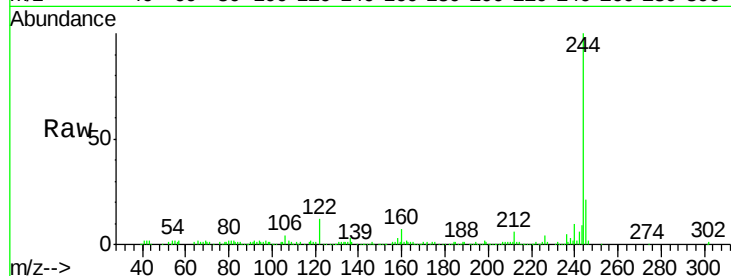
Tgt Ion:244 Resp: 134093

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

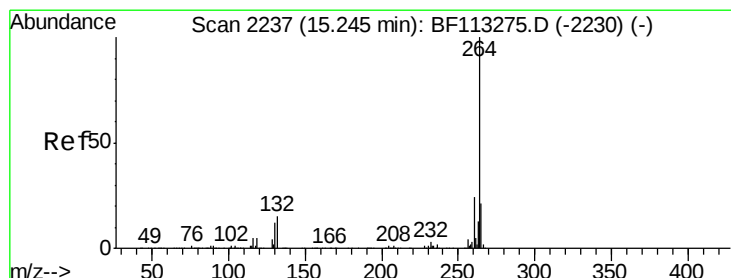
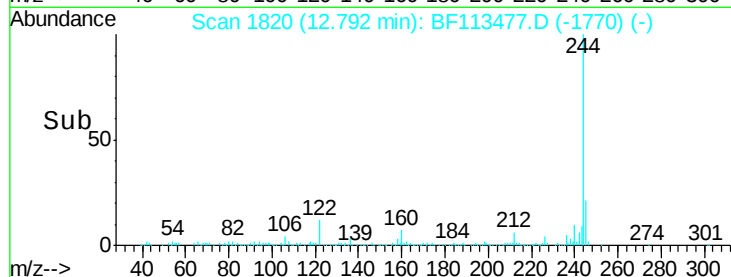
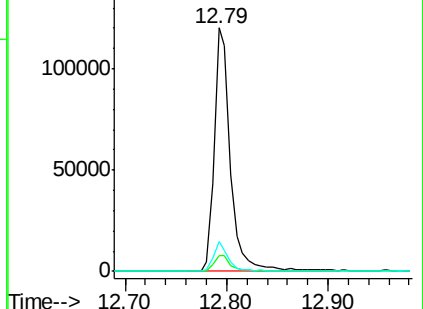
122 12.5 8.6 13.0



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: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113477.D

Acq: 1 Apr 2019 20:15

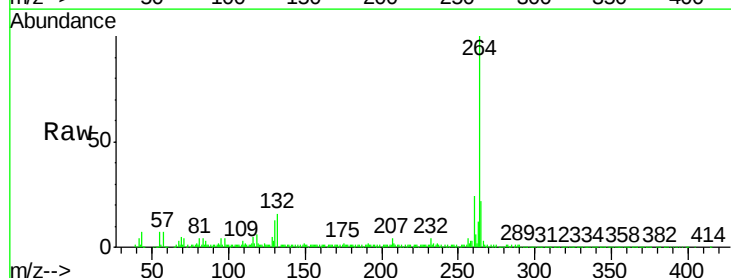
Tgt Ion:264 Resp: 250935

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.3 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

