

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112544.D
 Acq On : 13 Feb 2019 17:42
 Operator : JU/SJ
 Sample : K1343-25 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-M

Quant Time: Feb 14 08:01:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	100446	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	394638	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	171614	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	279143	20.00	ng	0.00
76) Chrysene-d12	14.02	240	224701	20.00	ng	0.00
87) Perylene-d12	15.50	264	164248	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	123542	26.12	ng	0.00
7) Phenol-d6	6.49	99	157651	23.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	94835	13.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	35050	17.55	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	181308	14.94	ng	-0.01
79) Terphenyl-d14	12.94	244	150099	12.58	ng	0.00

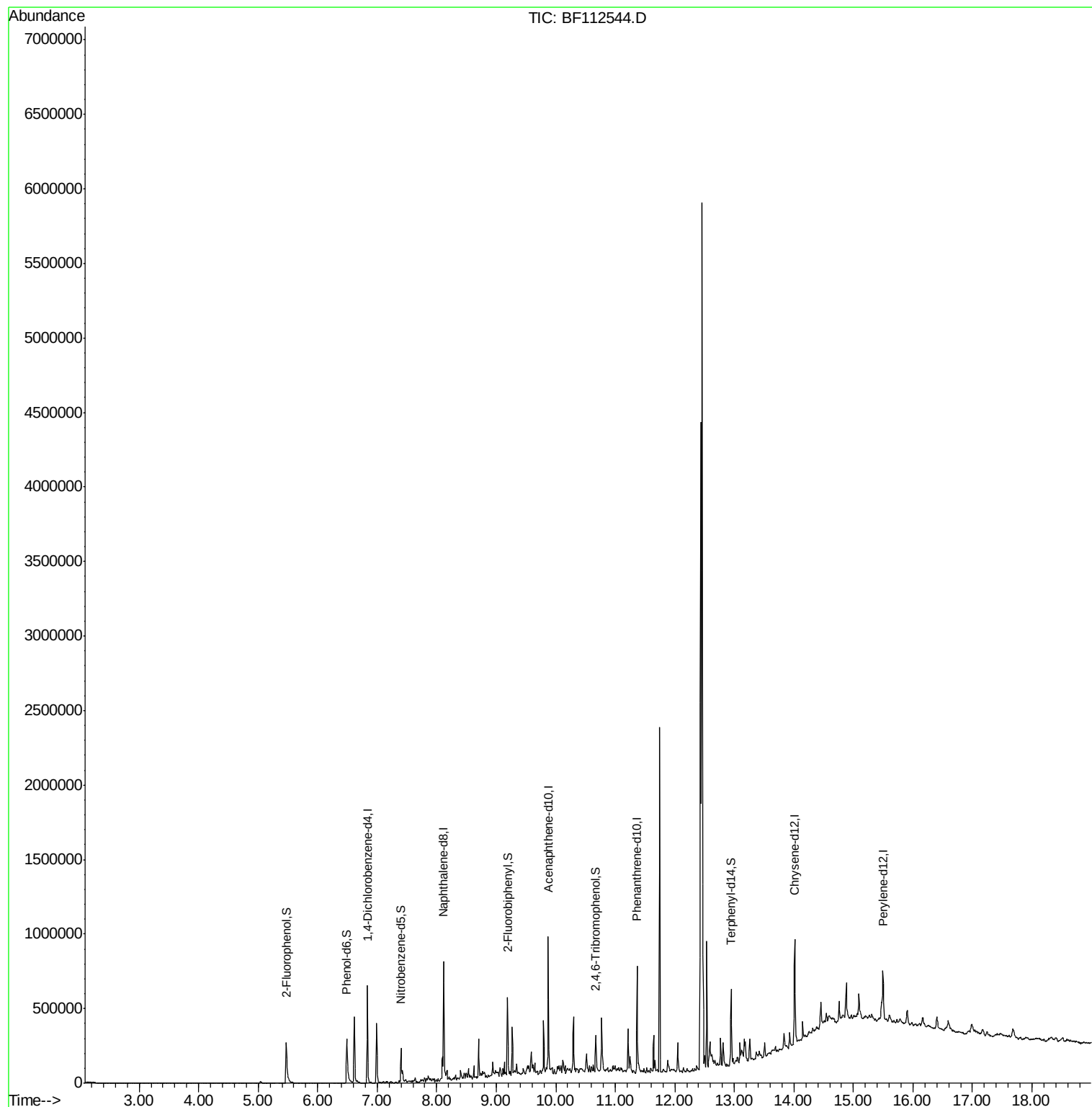
Target Compounds Qvalue

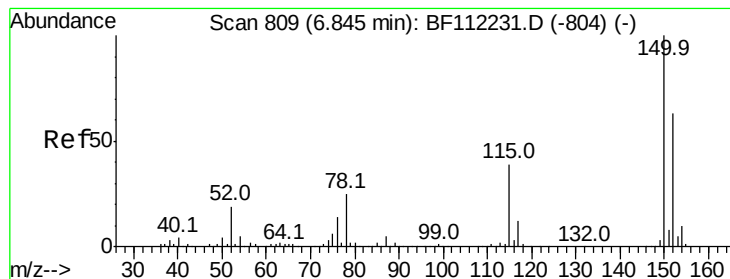
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112544.D
Acq On : 13 Feb 2019 17:42
Operator : JU/SJ
Sample : K1343-25 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Quant Time: Feb 14 08:01:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



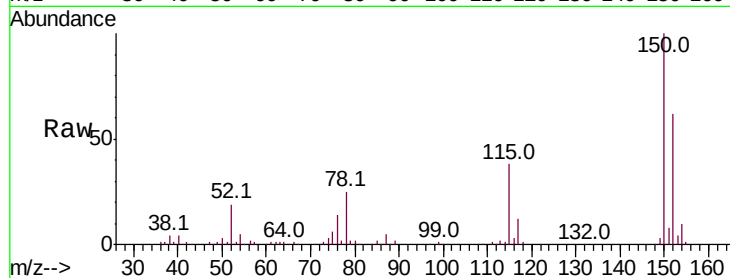


#1

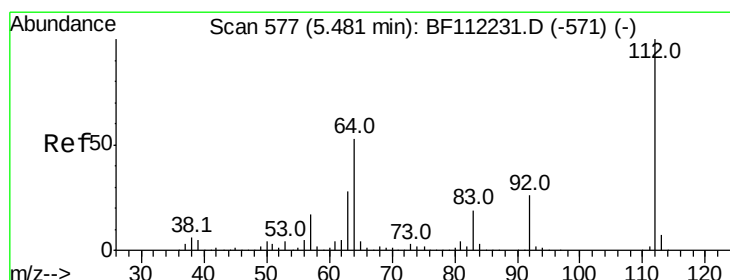
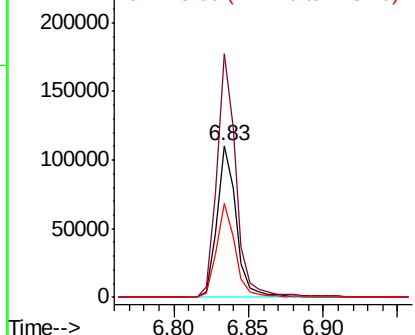
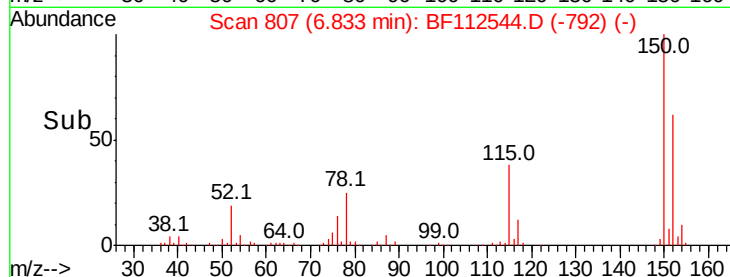
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112544.D
Acq: 13 Feb 2019 17:42

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Tot Ion:152 Resp: 100446
Ion Ratio Lower Upper
152 100
150 160.3 127.4 191.0
115 61.6 45.5 68.3



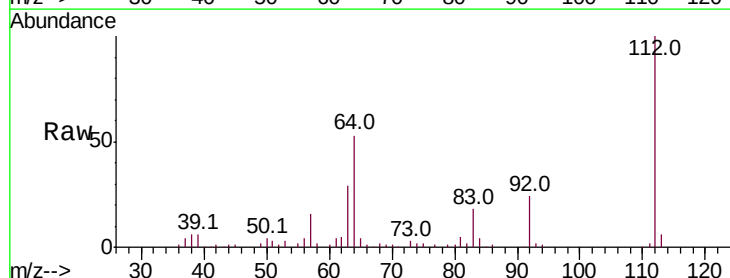
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



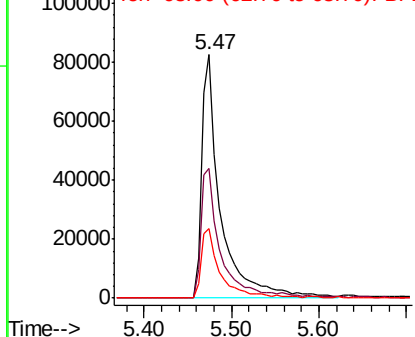
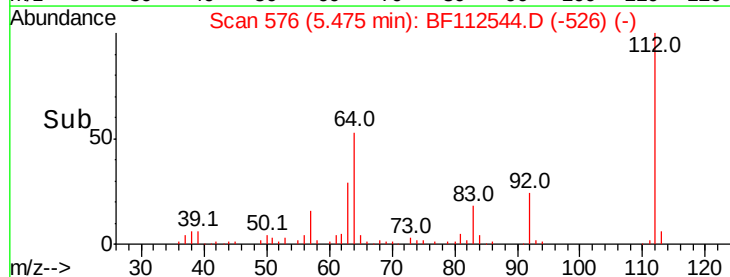
#5

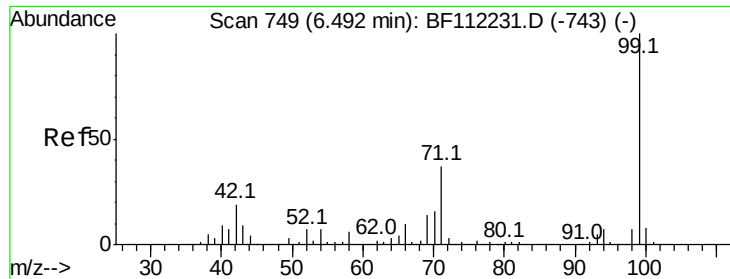
2-Fluorophenol
Concen: 26.125 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112544.D
Acq: 13 Feb 2019 17:42

Tgt Ion:112 Resp: 123542
Ion Ratio Lower Upper
112 100
64 53.1 45.7 68.5
63 28.6 23.6 35.4



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: 23.992 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112544.D

Acq: 13 Feb 2019 17:42

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-M

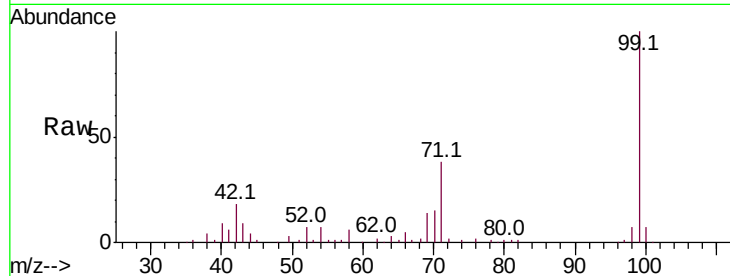
Tot Ion: 99 Resp: 157651

Ion Ratio Lower Upper

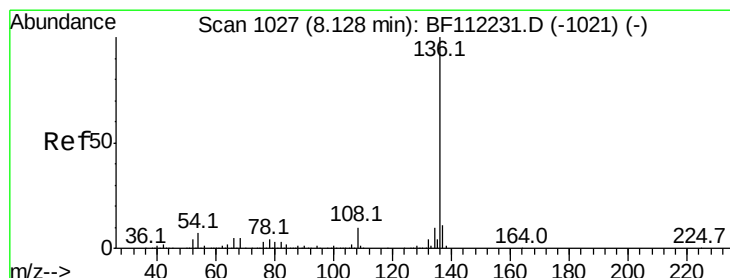
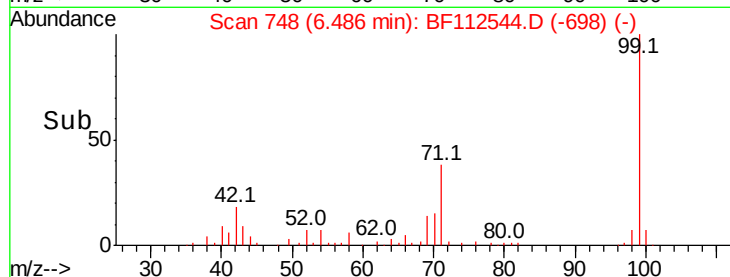
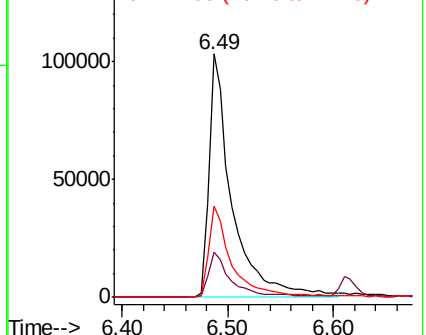
99 100

42 18.3 15.1 22.7

71 37.6 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112544.D

Acq: 13 Feb 2019 17:42

Tgt Ion: 136 Resp: 394638

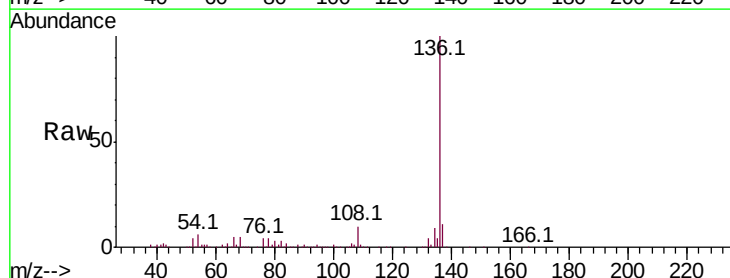
Ion Ratio Lower Upper

136 100

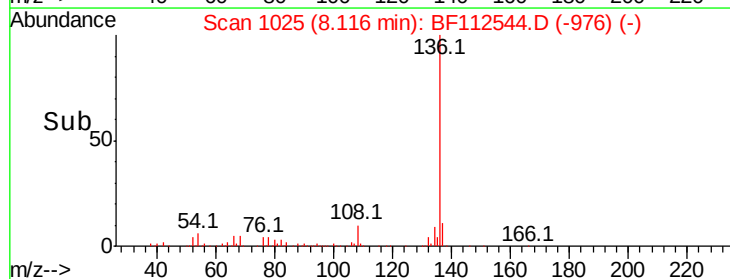
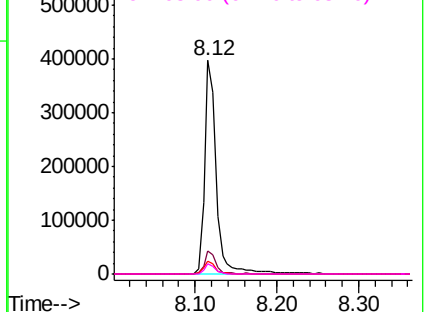
137 10.9 9.1 13.7

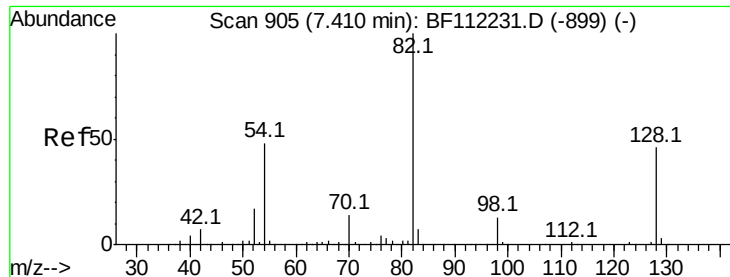
54 6.3 5.9 8.9

68 5.0 5.1 7.7#



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

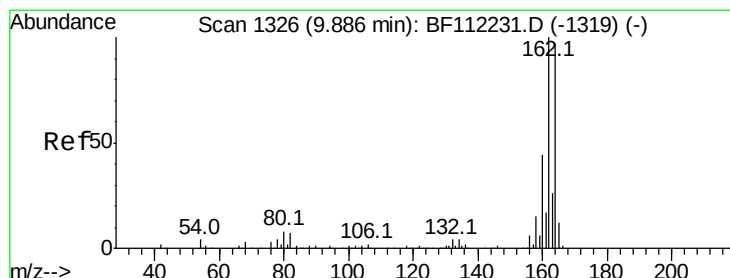
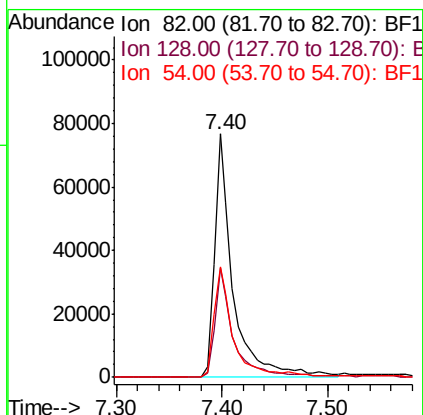
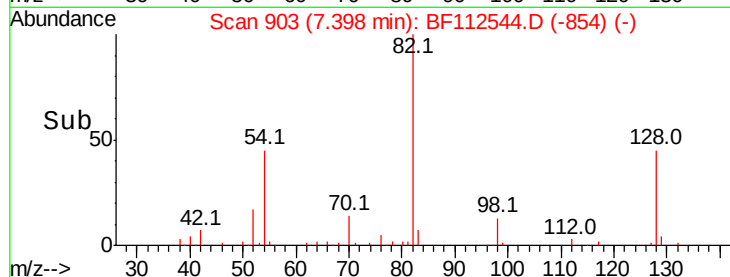
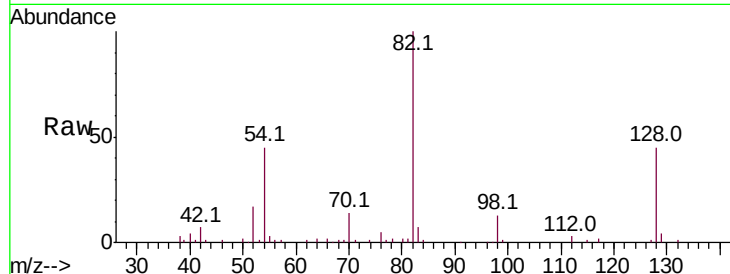




#23
 Nitrobenzene-d5
 Concen: 13.847 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112544.D
 Acq: 13 Feb 2019 17:42

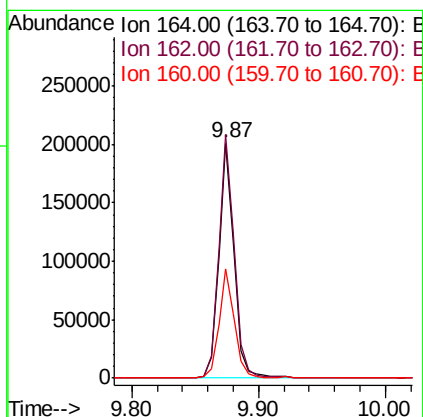
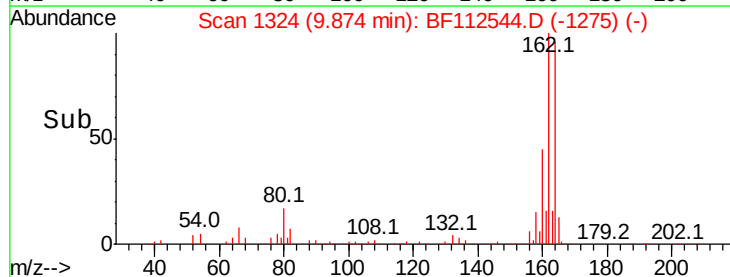
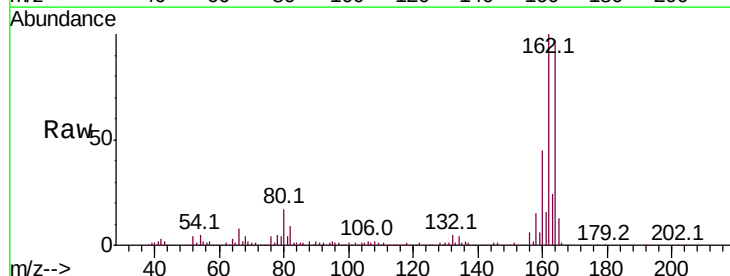
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-M

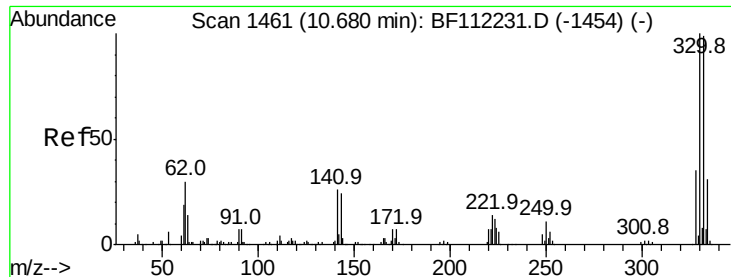
Tot Ion	82	Resp	94835
Ion Ratio	Lower	Upper	
82	100		
128	44.7	37.8	56.8
54	45.5	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112544.D
 Acq: 13 Feb 2019 17:42

Tgt Ion	164	Resp	171614
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.2	123.4
160	46.5	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 17.547 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112544.D

Acq: 13 Feb 2019 17:42

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-M

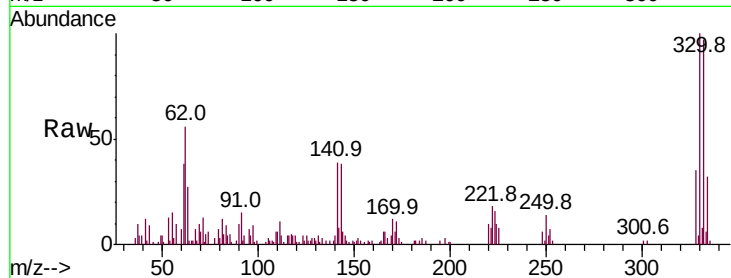
Tot Ion:330 Resp: 35050

Ion Ratio Lower Upper

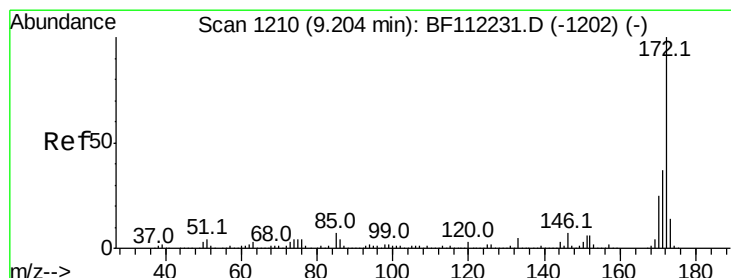
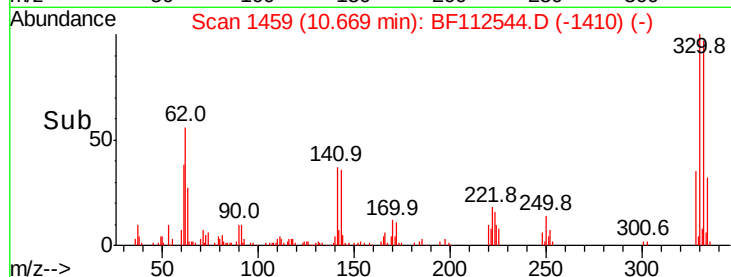
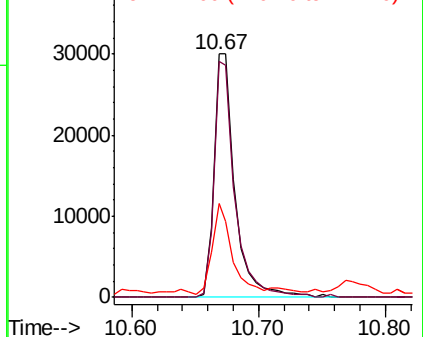
330 100

332 96.5 76.6 114.8

141 34.3 24.3 36.5



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: 14.942 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112544.D

Acq: 13 Feb 2019 17:42

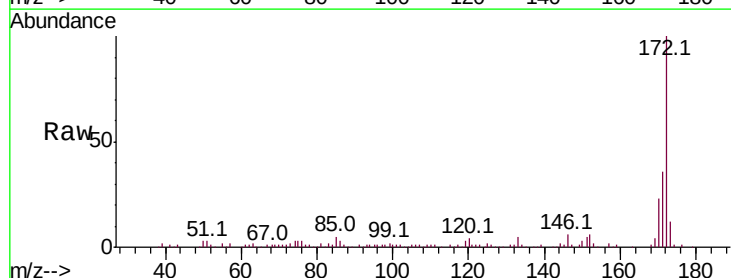
Tgt Ion:172 Resp: 181308

Ion Ratio Lower Upper

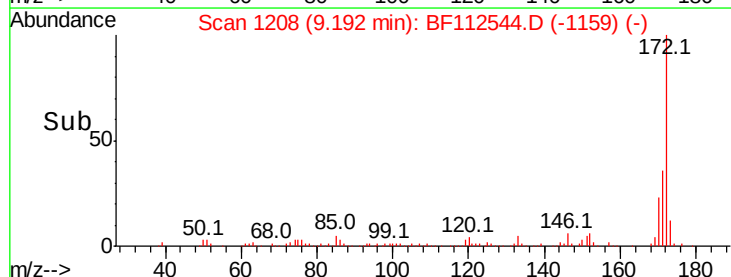
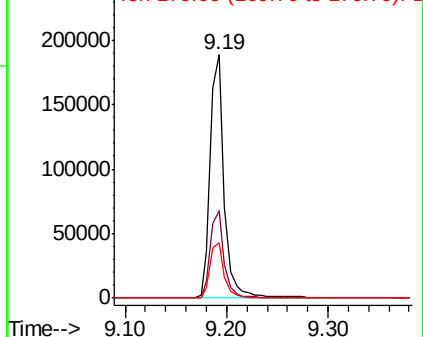
172 100

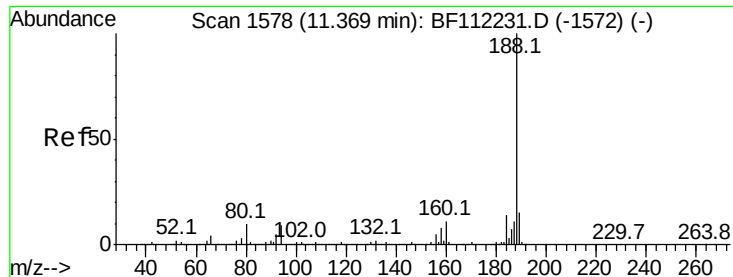
171 35.9 30.5 45.7

170 22.8 20.2 30.4



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

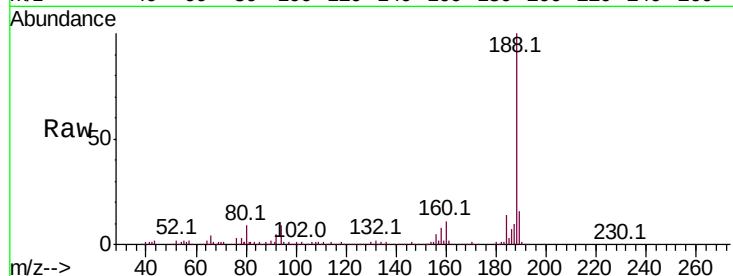




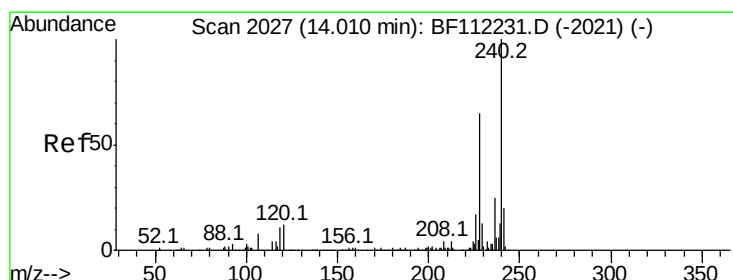
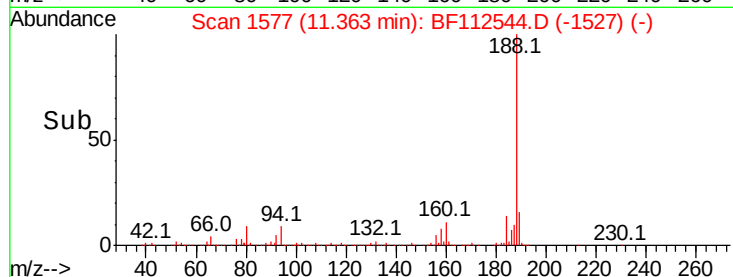
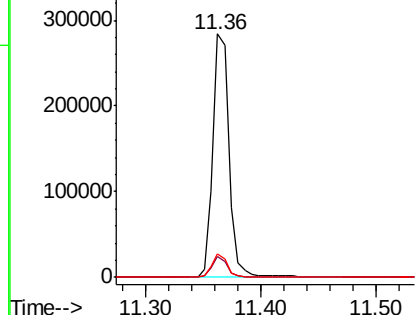
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112544.D
Acq: 13 Feb 2019 17:42

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-M

Tot Ion:188 Resp: 279143
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.4 8.9 13.3

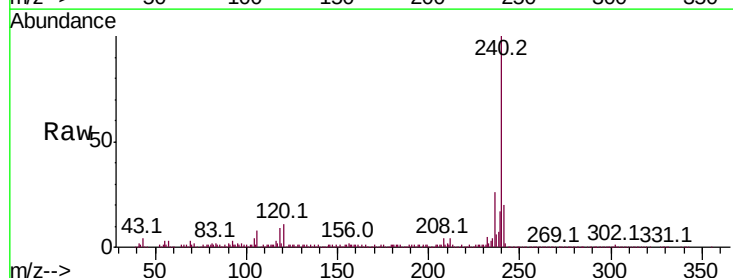


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

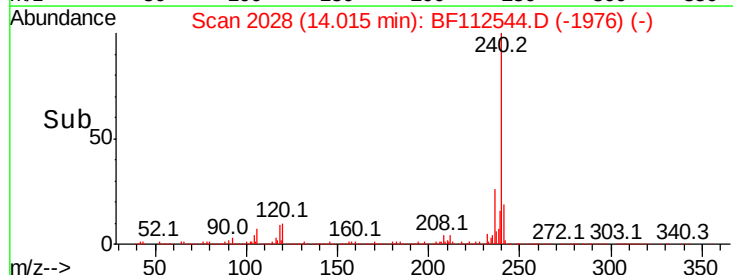
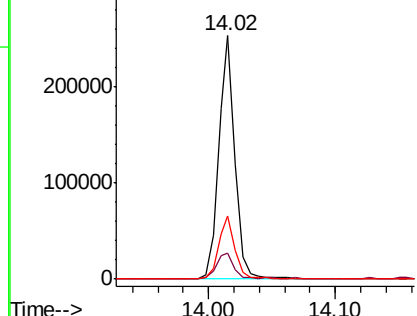


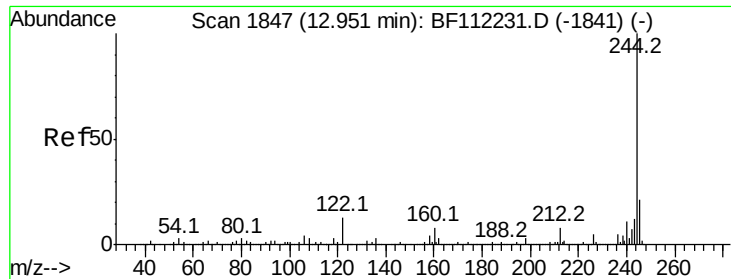
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112544.D
Acq: 13 Feb 2019 17:42

Tgt Ion:240 Resp: 224701
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
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: 12.581 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112544.D

Acq: 13 Feb 2019 17:42

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-M

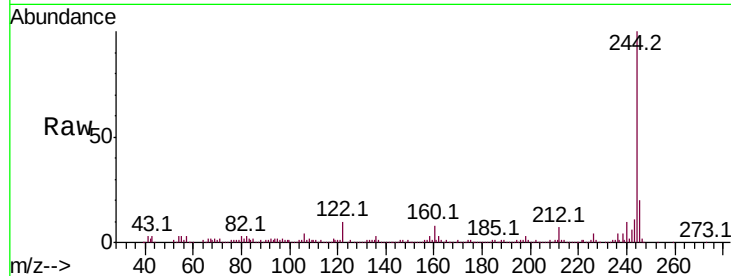
Tot Ion:244 Resp: 150099

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

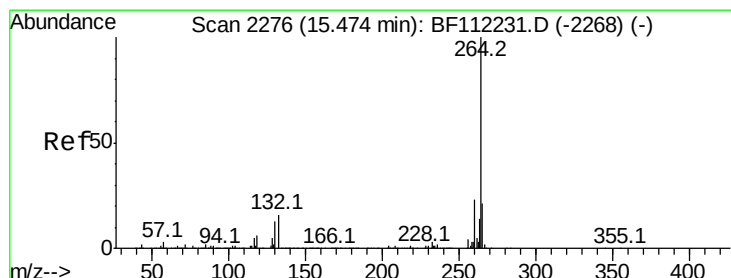
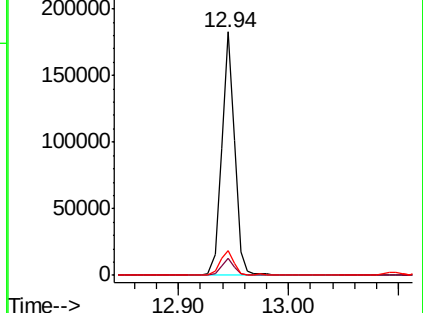
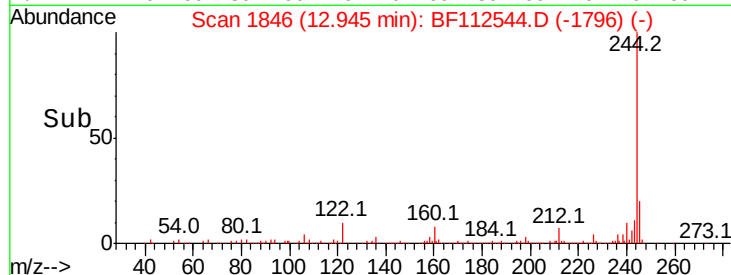
122 10.0 9.8 14.6



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: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112544.D

Acq: 13 Feb 2019 17:42

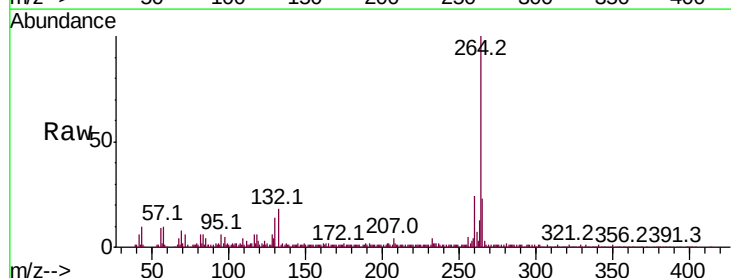
Tgt Ion:264 Resp: 164248

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 23.0 17.0 25.4



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

