

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112508.D
 Acq On : 12 Feb 2019 13:24
 Operator : JU/SJ
 Sample : K1462-23
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Quant Time: Feb 13 04:01:25 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

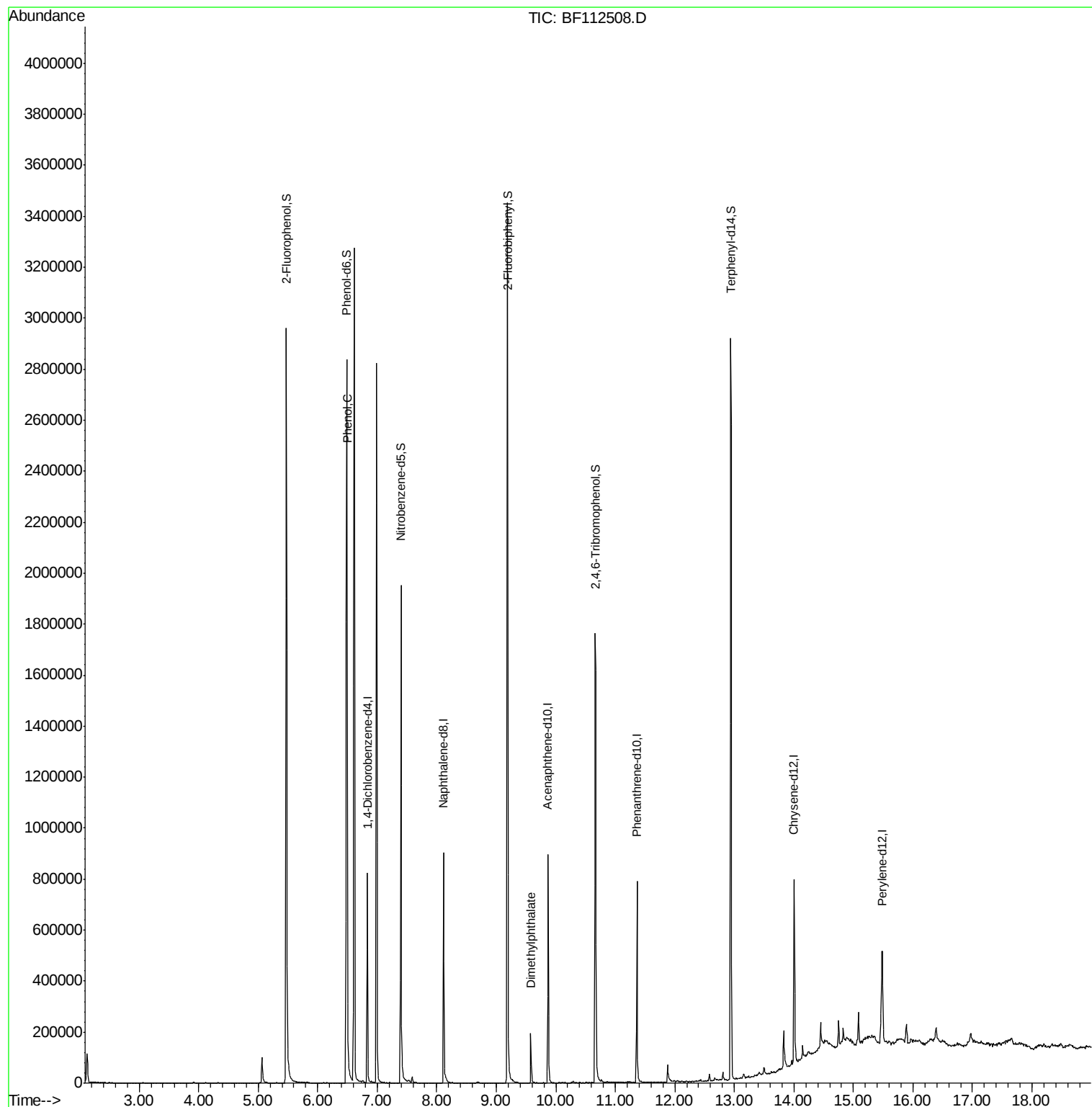
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	121873	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	447139	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	194941	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	325557	20.00	ng	0.00
76) Chrysene-d12	14.00	240	270858	20.00	ng	0.00
87) Perylene-d12	15.49	264	196720	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	868107	151.30	ng	0.00
7) Phenol-d6	6.49	99	1068285	133.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	659146	84.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	254417	112.12	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1169727	84.87	ng	-0.01
79) Terphenyl-d14	12.94	244	1002168	69.69	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	65409	7.478	ng	83
50) Dimethylphthalate	9.58	163	98453	6.500	ng	100

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

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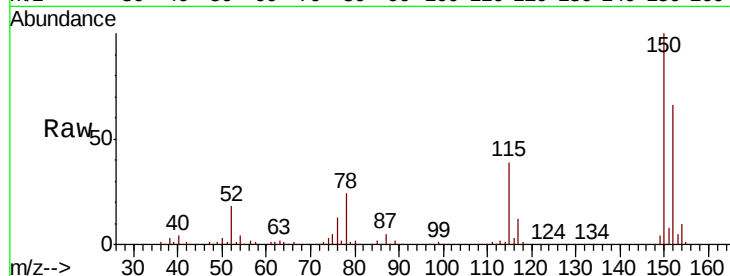


#1

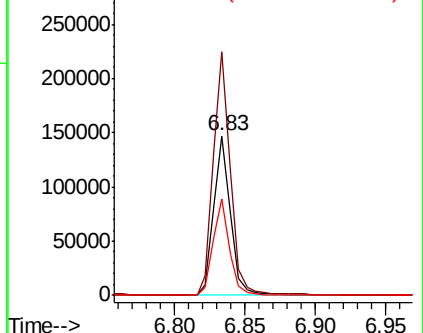
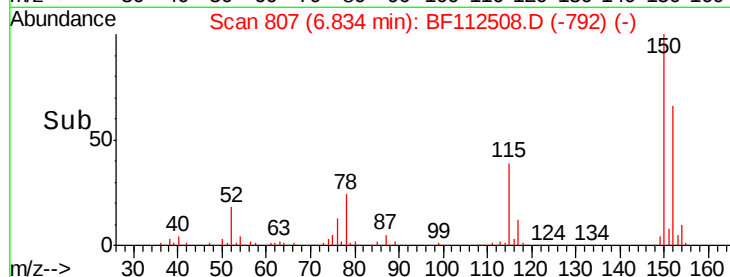
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tot Ion:152 Resp: 121873
Ion Ratio Lower Upper
152 100
150 152.6 127.4 191.0
115 60.2 45.5 68.3



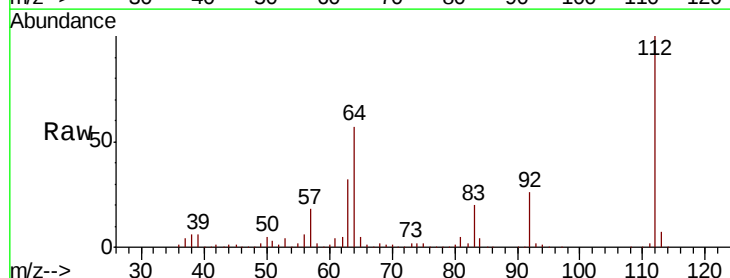
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



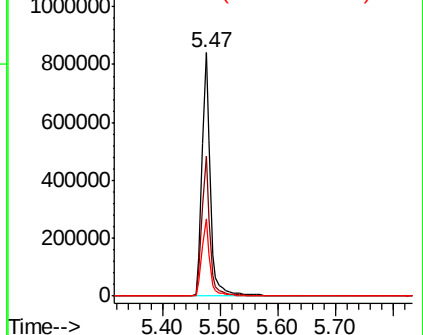
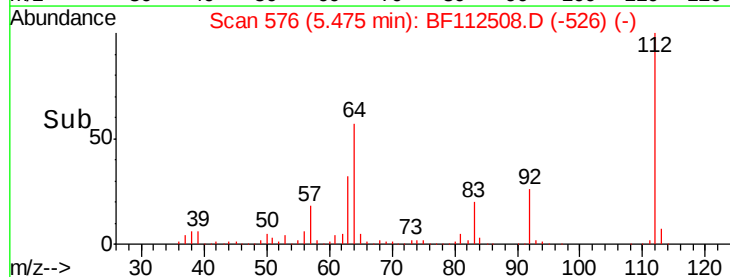
#5

2-Fluorophenol
Concen: 151.298 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Tgt Ion:112 Resp: 868107
Ion Ratio Lower Upper
112 100
64 57.5 45.7 68.5
63 31.6 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: 133.990 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

TP-3-D

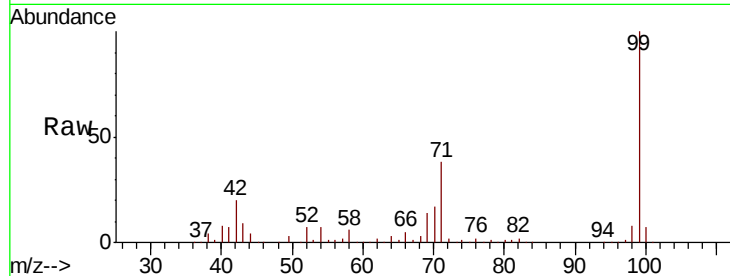
Tot Ion: 99 Resp: 1068285

Ion Ratio Lower Upper

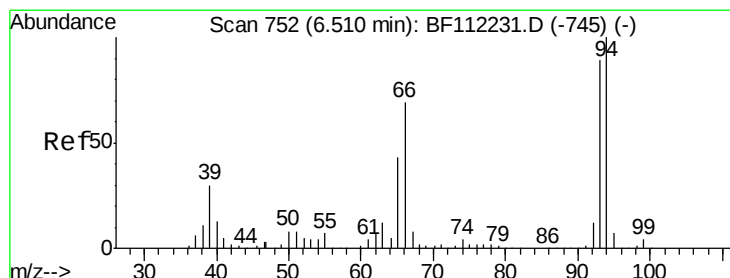
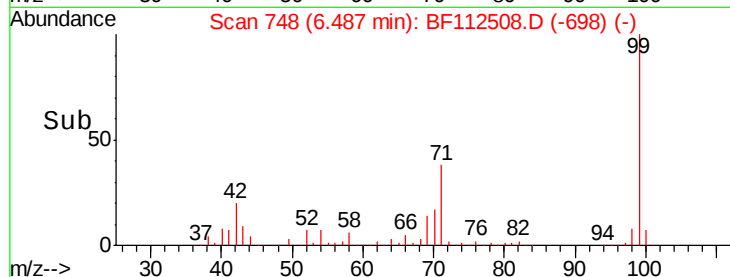
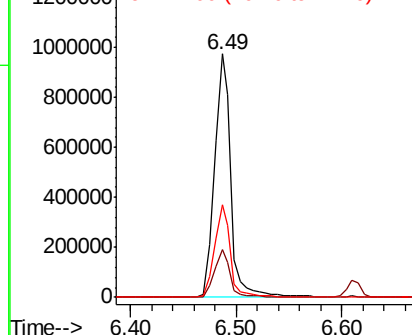
99 100

42 19.6 15.1 22.7

71 38.1 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



#10

Phenol

Concen: 7.478 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

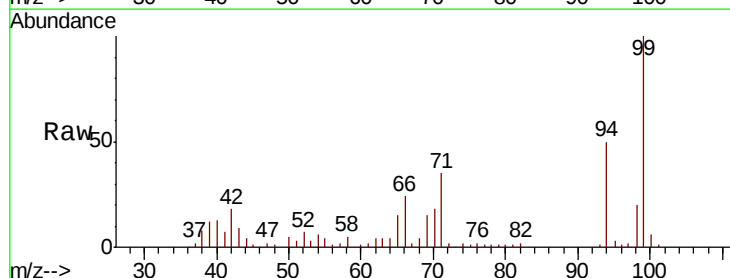
Tgt Ion: 94 Resp: 65409

Ion Ratio Lower Upper

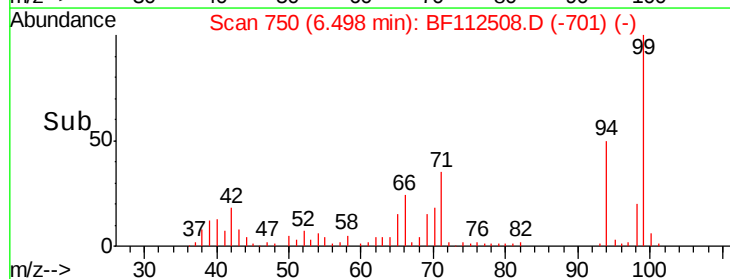
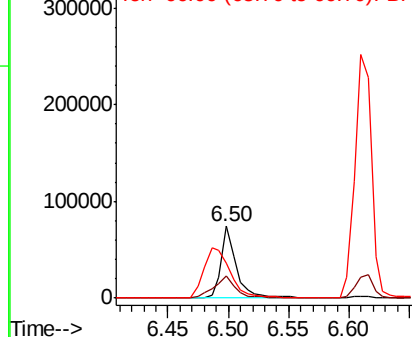
94 100

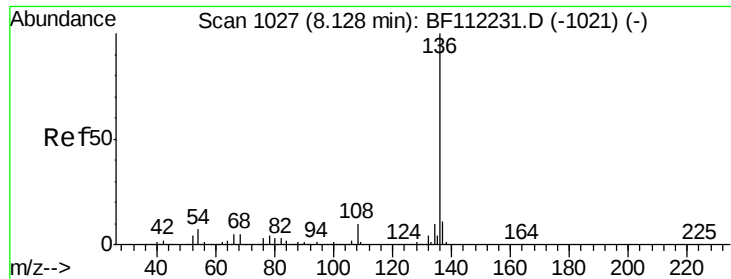
65 30.4 20.3 60.3

66 48.6 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

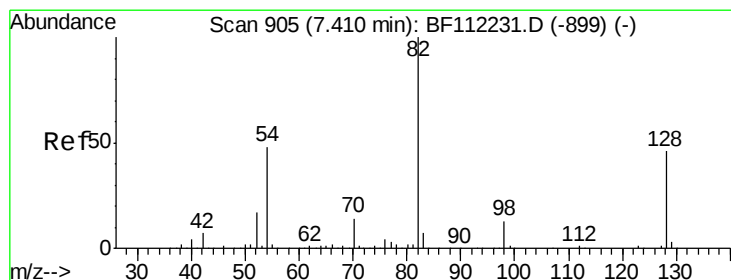
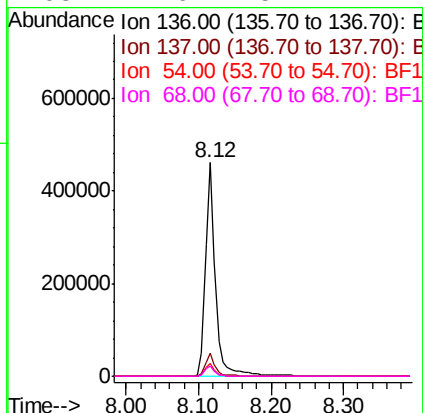
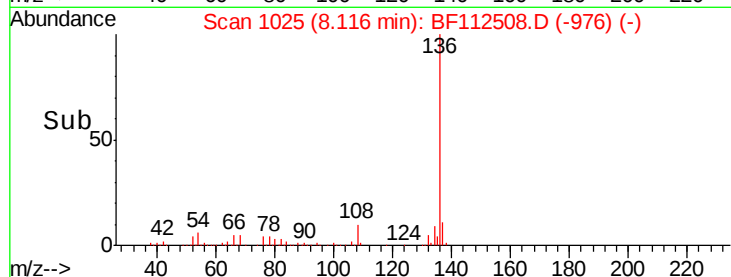
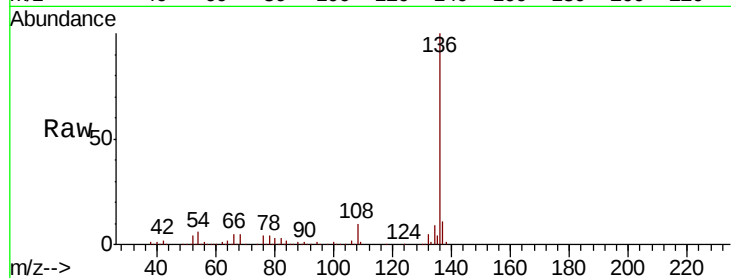




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

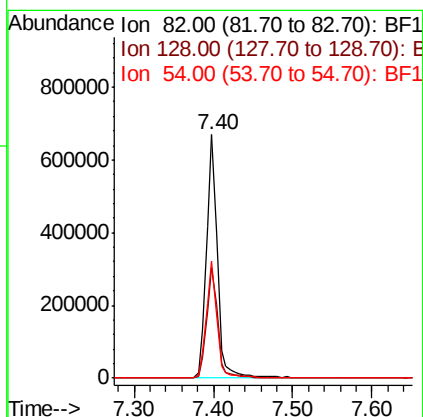
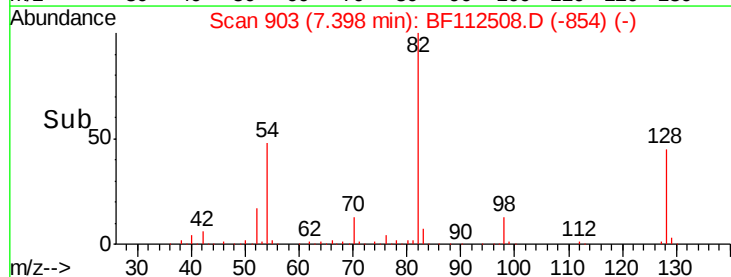
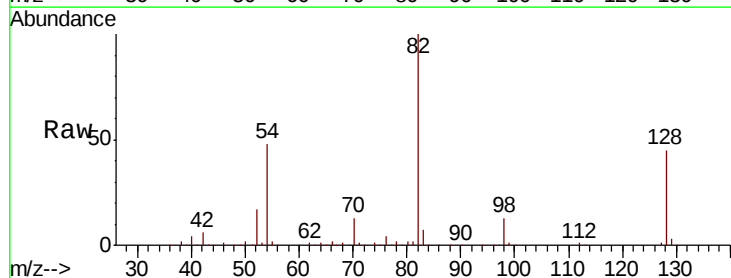
Instrument :
BNA_F
ClientSampleId :
TP-3-D

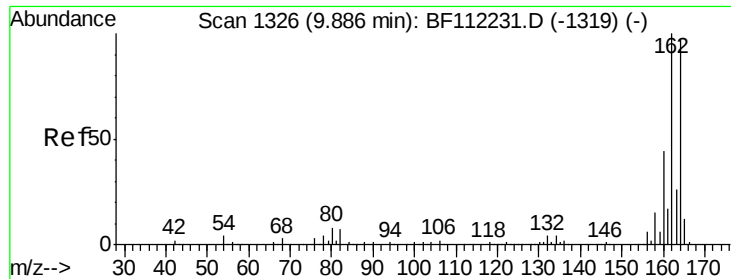
Tot Ion:136	Resp:	447139
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	6.1	5.9 8.9
68	4.6	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 84.940 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Tgt Ion: 82	Resp:	659146
Ion	Ratio	Lower Upper
82	100	
128	45.1	37.8 56.8
54	48.2	39.7 59.5

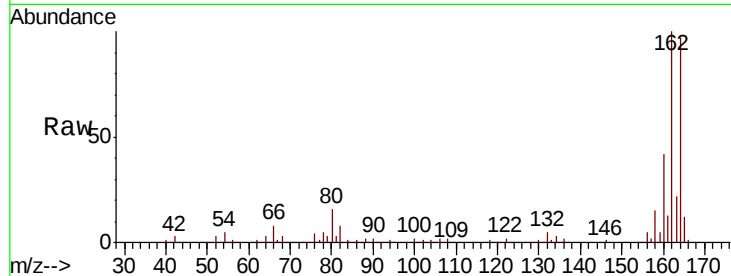




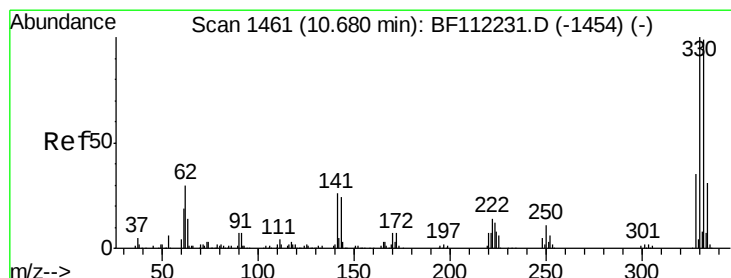
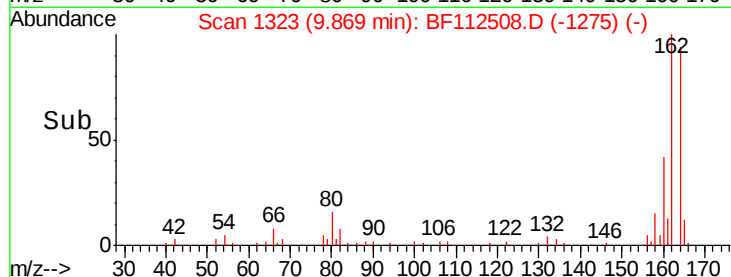
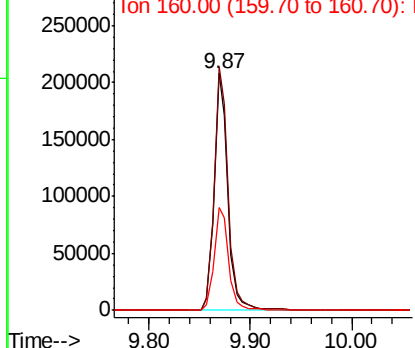
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tot Ion:164 Resp: 194941
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.4
160 43.3 36.2 54.4

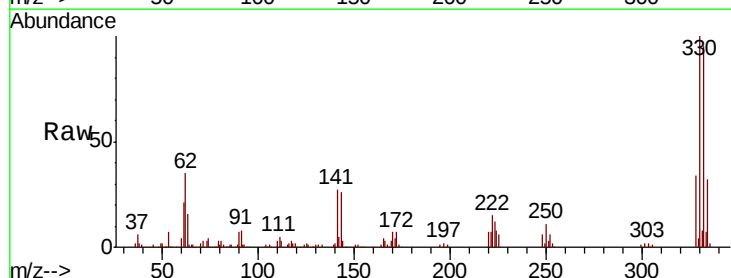


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

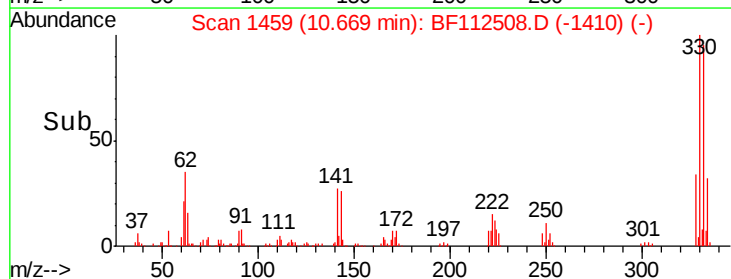
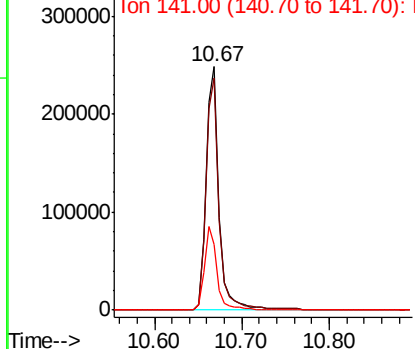


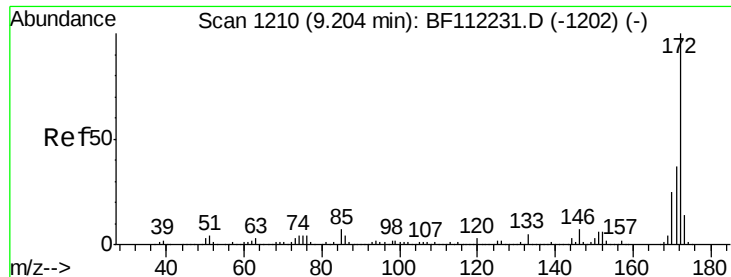
#42
2,4,6-Tribromophenol
Concen: 112.124 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Tgt Ion:330 Resp: 254417
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 33.6 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



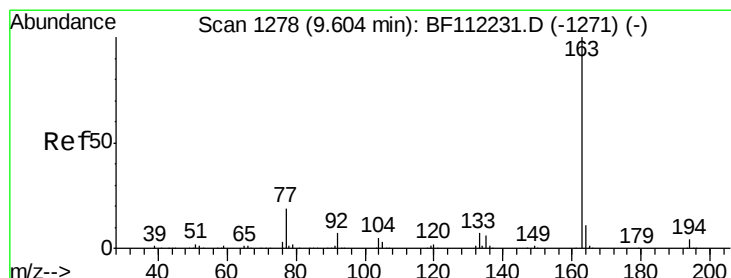
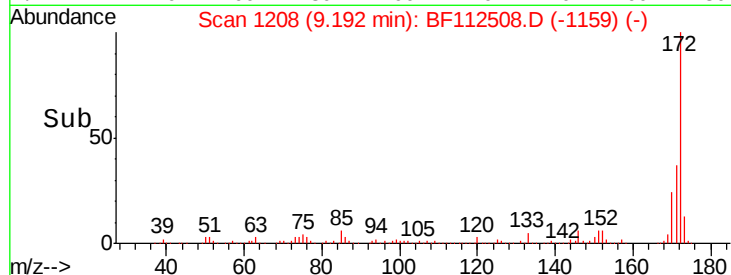
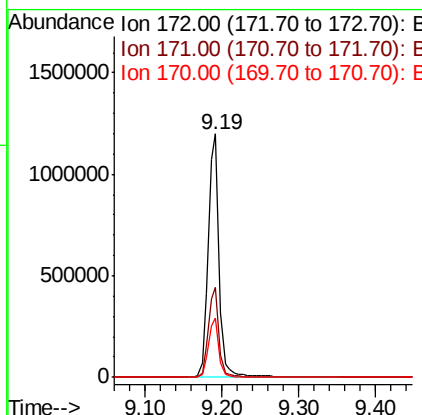
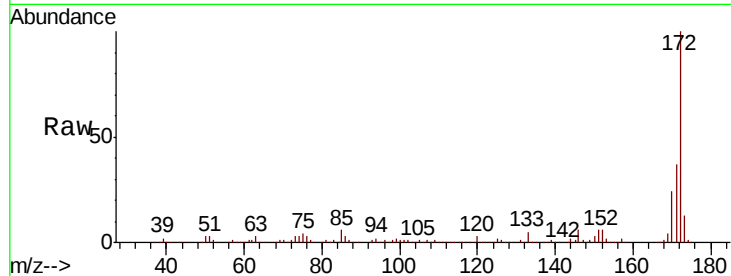


#45
 2-Fluorobiphenyl
 Concen: 84.866 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112508.D
 Acq: 12 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tot Ion:172 Resp: 1169727

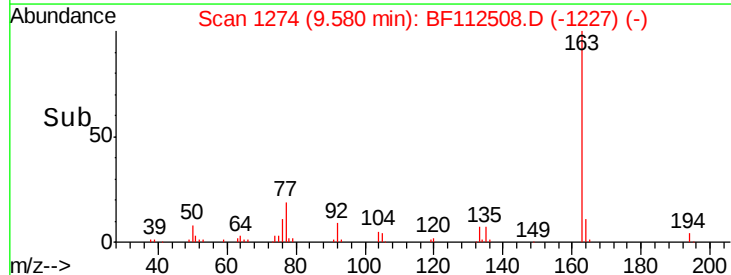
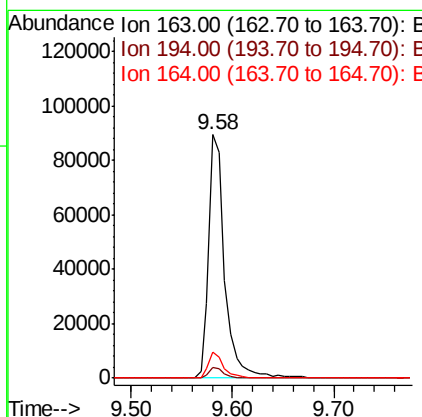
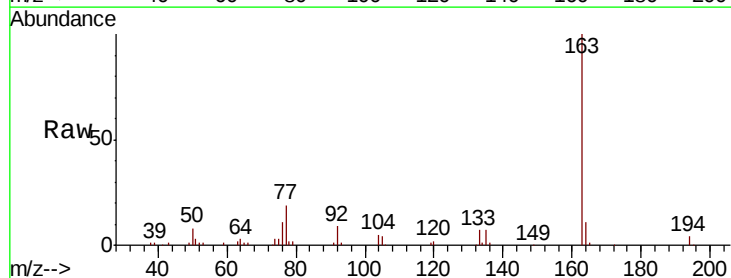
Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.2	20.2	30.4



#50
 Dimethylphthalate
 Concen: 6.500 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112508.D
 Acq: 12 Feb 2019 13:24

Tgt Ion:163 Resp: 98453

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.6	8.5	12.7

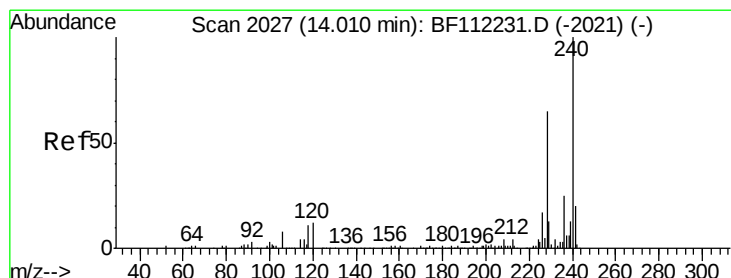
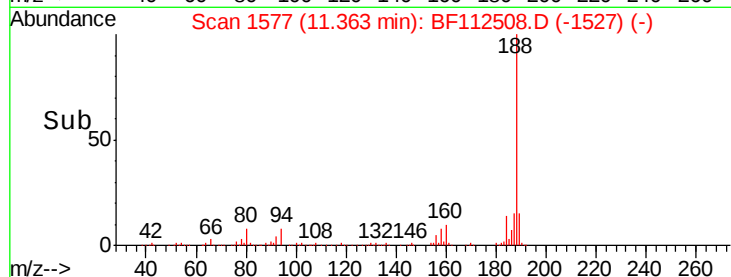
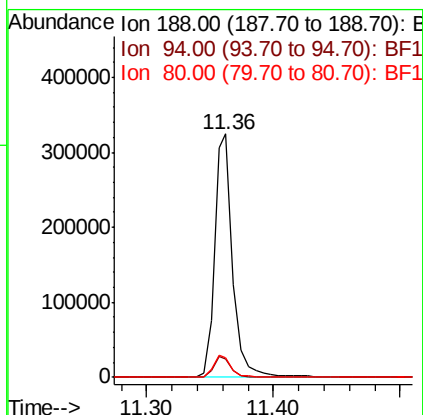
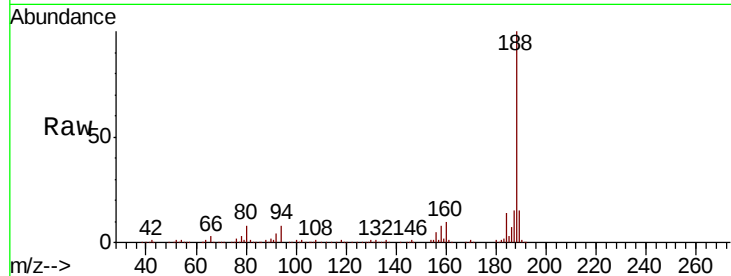




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

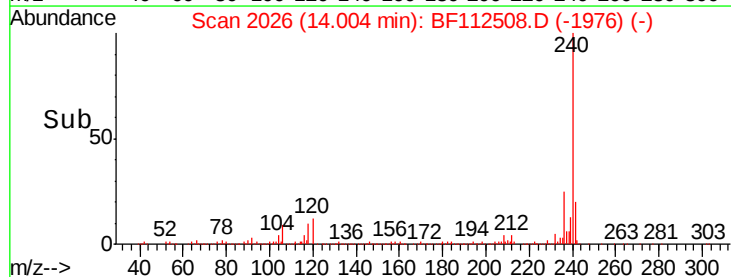
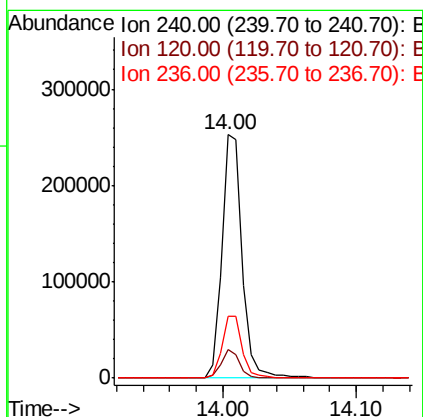
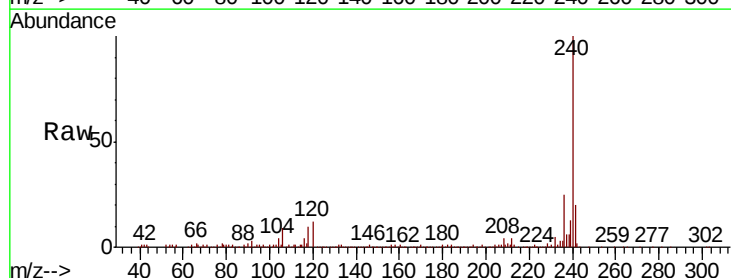
Instrument :
BNA_F
ClientSampleId :
TP-3-D

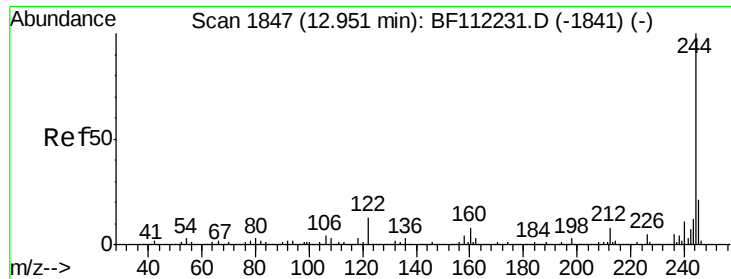
Tot Ion:188 Resp: 325557
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.2#
80 8.1 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Tgt Ion:240 Resp: 270858
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 69.687 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

Instrument :

BNA_F

ClientSampled :

TP-3-D

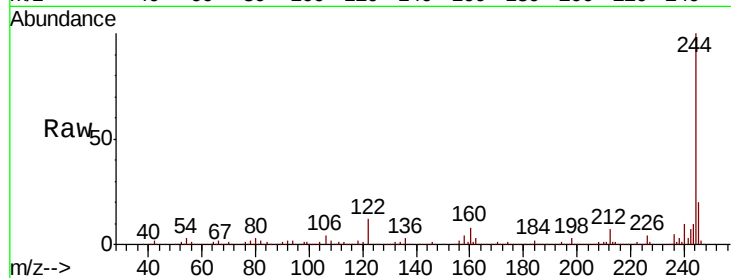
Tot Ion:244 Resp: 1002168

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

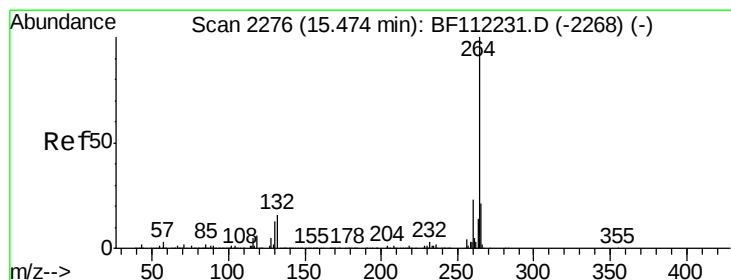
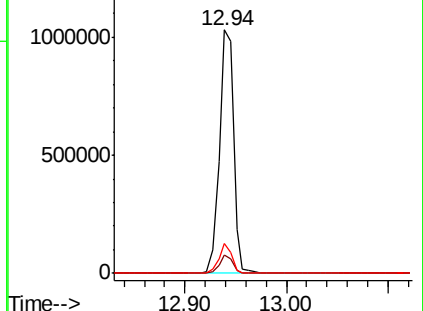
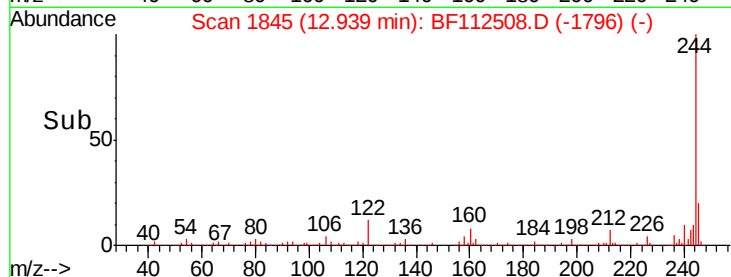
122 12.2 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

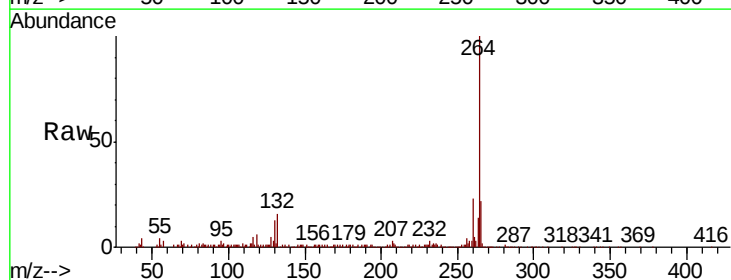
Tgt Ion:264 Resp: 196720

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 21.8 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

