

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112548.D
 Acq On : 13 Feb 2019 19:35
 Operator : JU/SJ
 Sample : K1458-08 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Feb 14 06:47:29 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

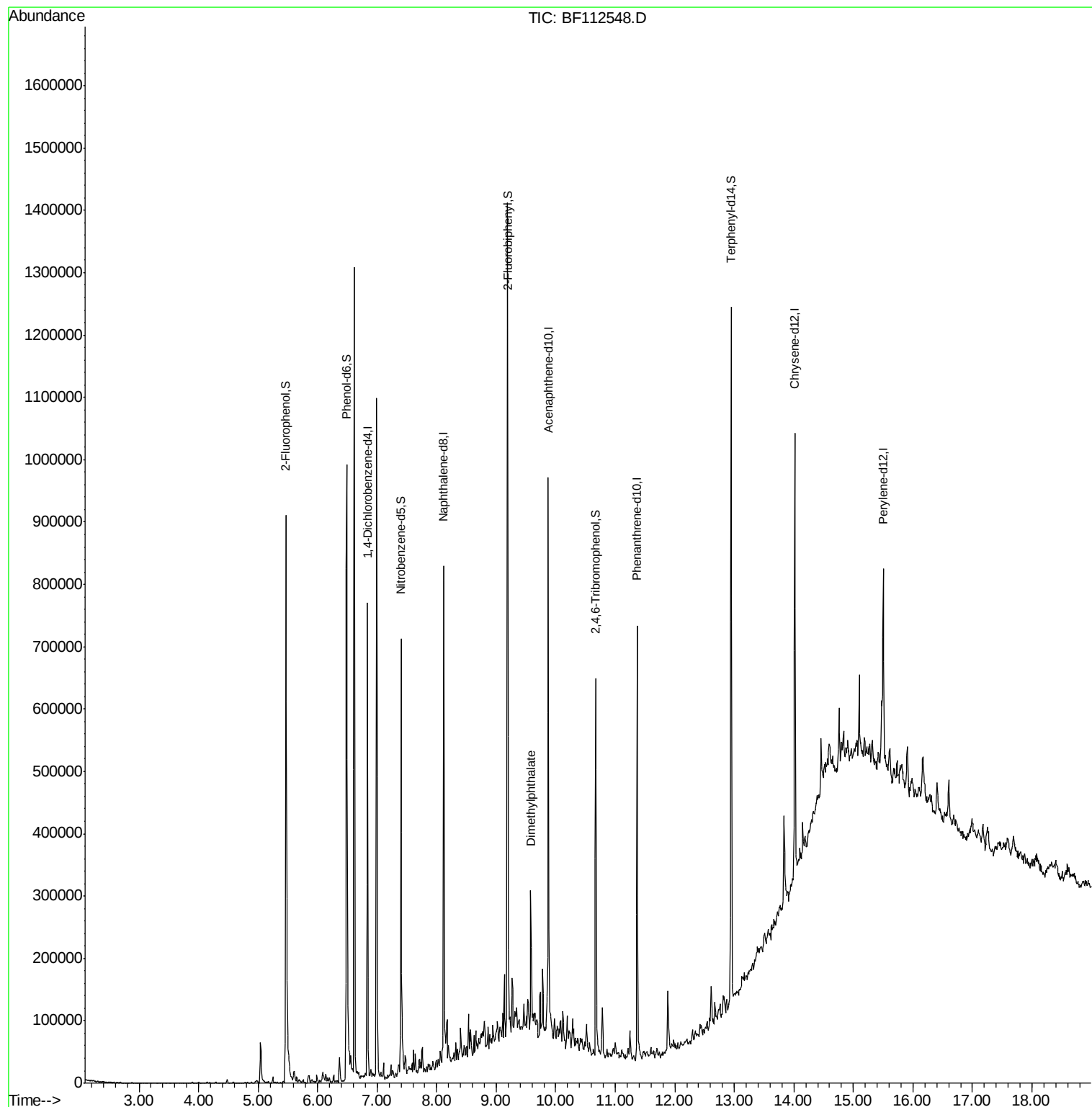
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	112929	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	429130	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	178794	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	289693	20.00	ng	0.00
76) Chrysene-d12	14.02	240	224640	20.00	ng	0.00
87) Perylene-d12	15.50	264	157703	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	320272	60.24	ng	-0.01
7) Phenol-d6	6.49	99	410327	55.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	241553	32.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	82317	39.55	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	451053	35.68	ng	-0.01
79) Terphenyl-d14	12.95	244	349255	29.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	35832	2.579	ng	Qvalue # 95

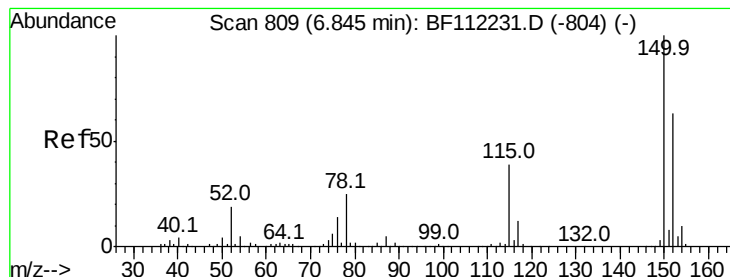
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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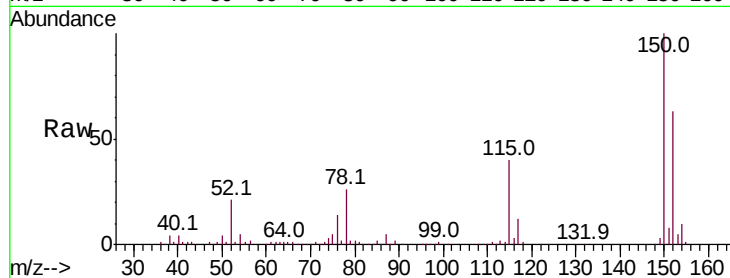


#1

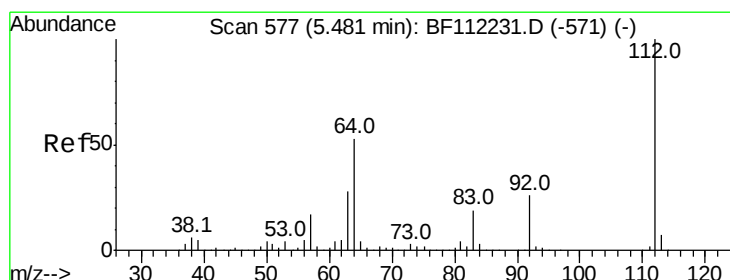
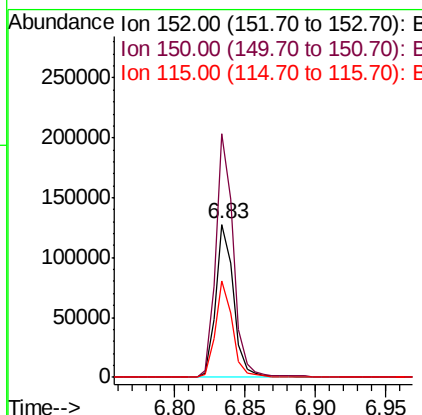
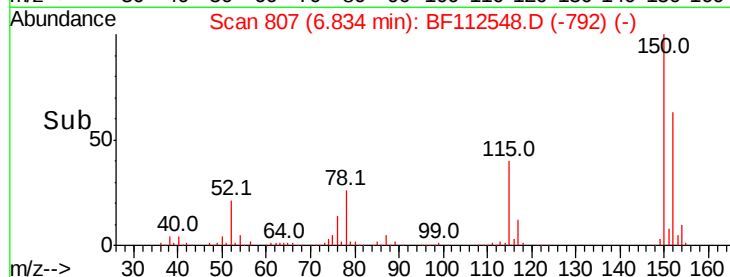
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112548.D
Acq: 13 Feb 2019 19:35

Instrument :
BNA_F
ClientSampled :
SB-5

Tot Ion:152 Resp: 112929
Ion Ratio Lower Upper
152 100
150 158.8 127.4 191.0
115 62.9 45.5 68.3



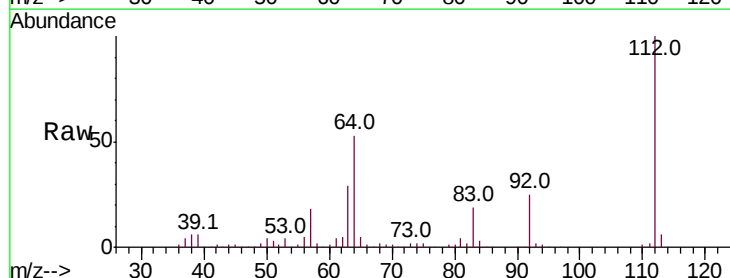
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



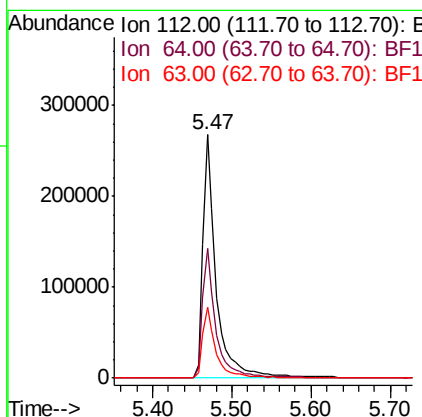
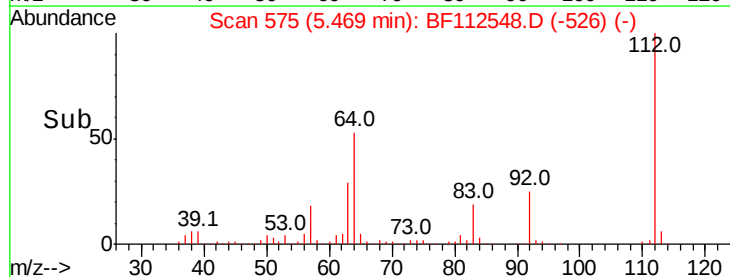
#5

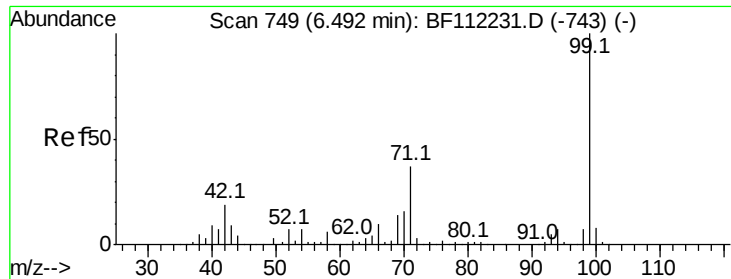
2-Fluorophenol
Concen: 60.240 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112548.D
Acq: 13 Feb 2019 19:35

Tgt Ion:112 Resp: 320272
Ion Ratio Lower Upper
112 100
64 53.4 45.7 68.5
63 28.9 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: 55.542 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112548.D

Acq: 13 Feb 2019 19:35

Instrument :

BNA_F

ClientSampleId :

SB-5

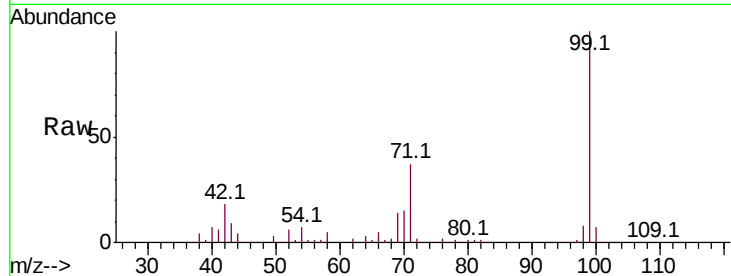
Tot Ion: 99 Resp: 410327

Ion Ratio Lower Upper

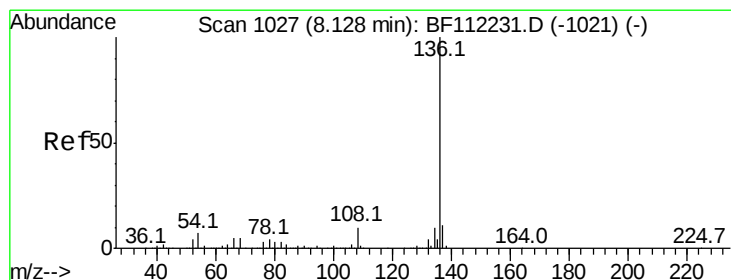
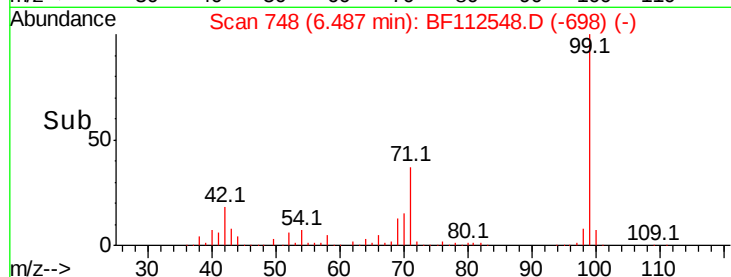
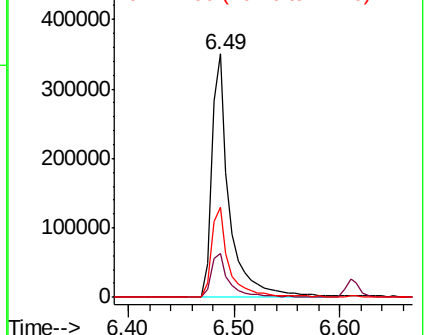
99 100

42 17.9 15.1 22.7

71 36.8 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: BF112548.D

Acq: 13 Feb 2019 19:35

Tgt Ion: 136 Resp: 429130

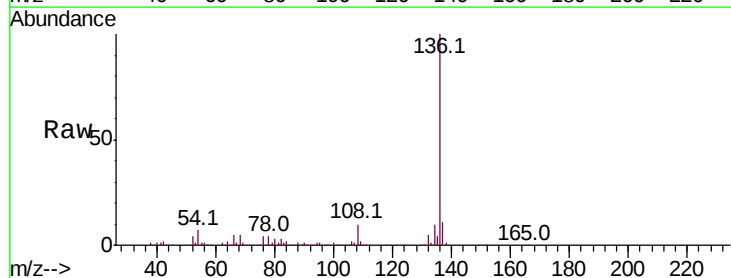
Ion Ratio Lower Upper

136 100

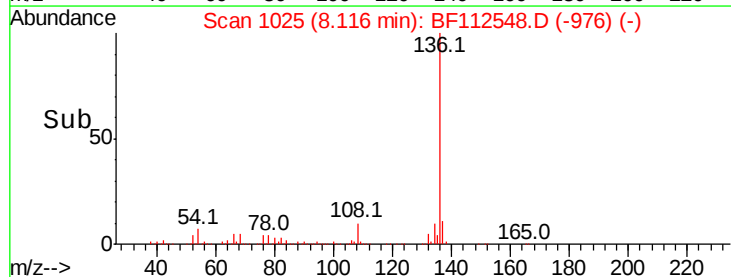
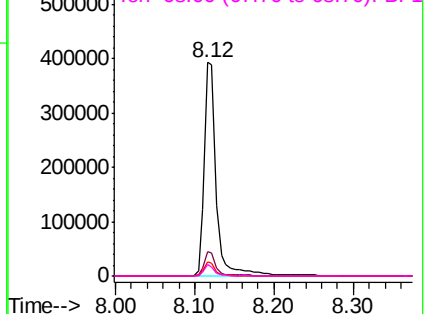
137 11.2 9.1 13.7

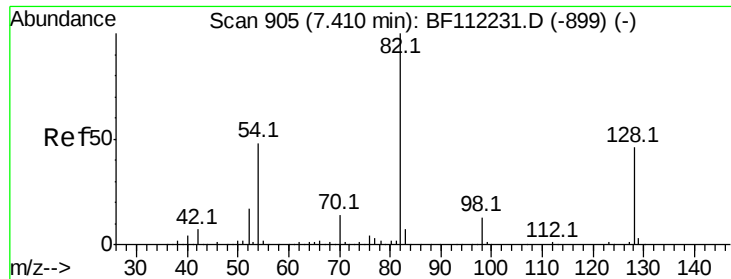
54 6.7 5.9 8.9

68 5.1 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

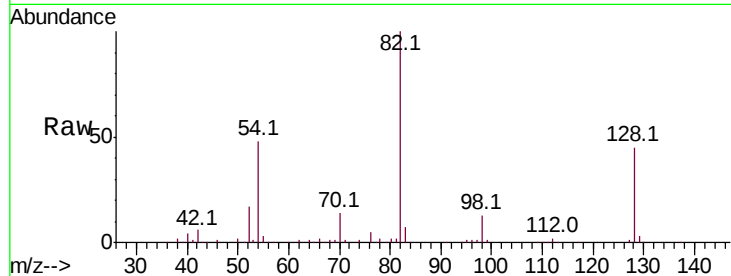




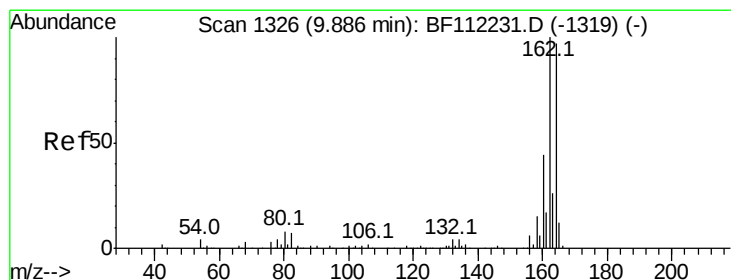
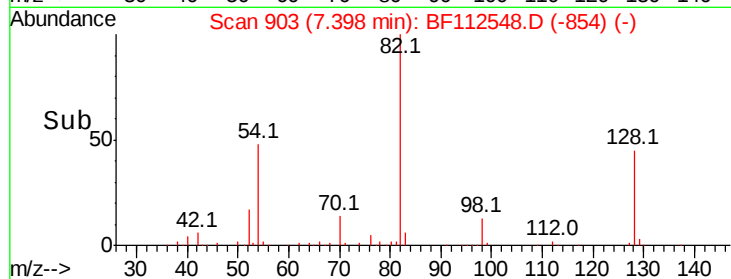
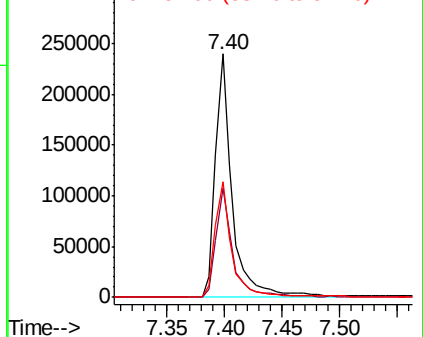
#23
 Nitrobenzene-d5
 Concen: 32.434 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112548.D
 Acq: 13 Feb 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Tot Ion	82	Resp	241553
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.8	56.8
54	47.7	39.7	59.5

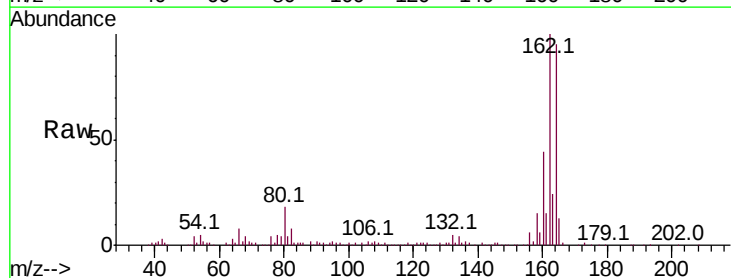


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

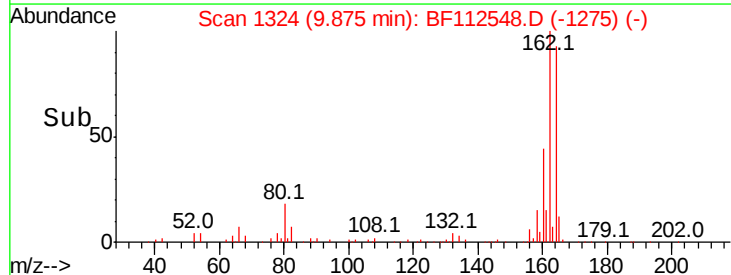
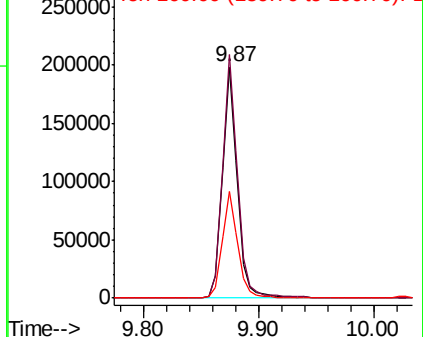


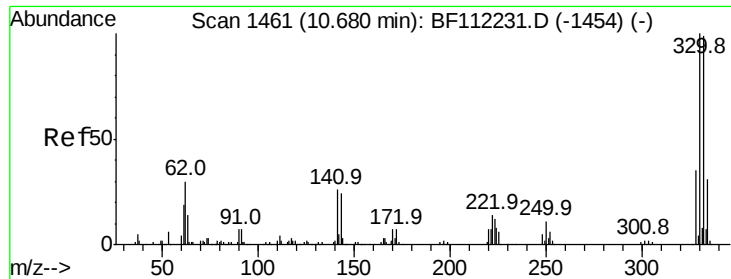
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112548.D
 Acq: 13 Feb 2019 19:35

Tgt Ion	164	Resp	178794
Ion Ratio	Lower	Upper	
164	100		
162	105.3	82.2	123.4
160	45.9	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

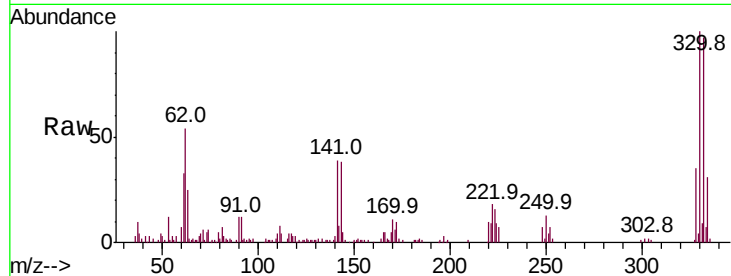




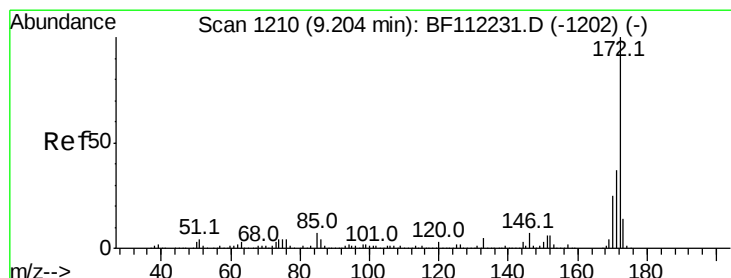
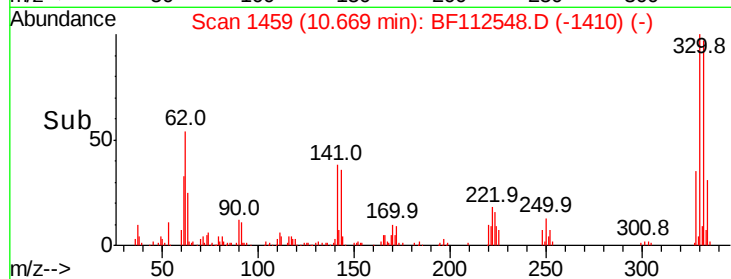
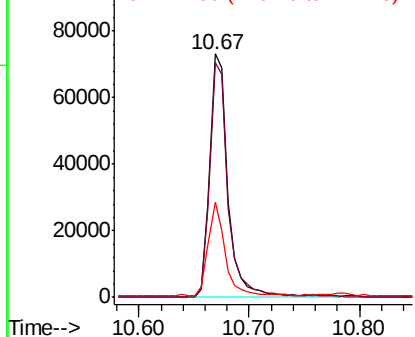
#42
 2,4,6-Tribromophenol
 Concen: 39.554 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112548.D
 Acq: 13 Feb 2019 19:35

Instrument :
 BNA_F
 ClientSampled :
 SB-5

Tot Ion:330 Resp: 82317
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 35.6 24.3 36.5

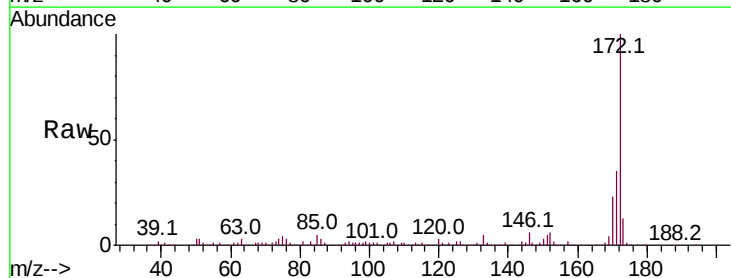


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

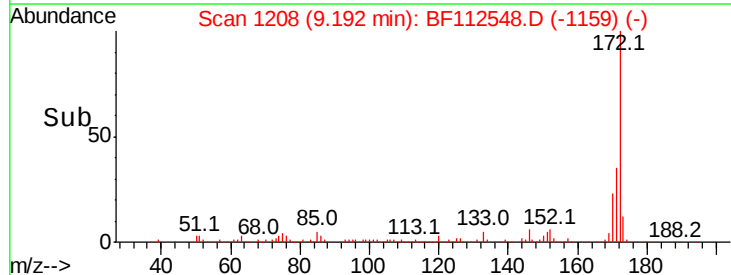
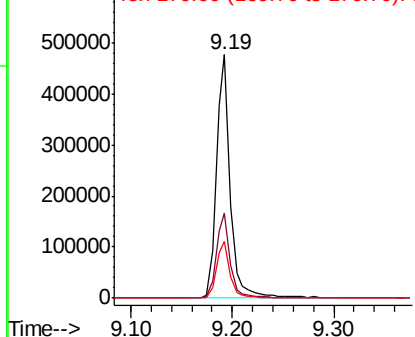


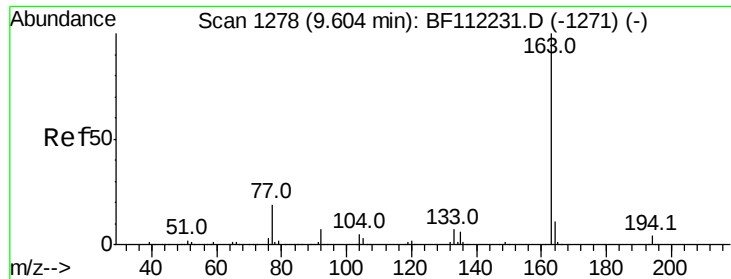
#45
 2-Fluorobiphenyl
 Concen: 35.680 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112548.D
 Acq: 13 Feb 2019 19:35

Tgt Ion:172 Resp: 451053
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.5 45.7
 170 23.2 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





#50

Dimethylphthalate

Concen: 2.579 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112548.D

Acq: 13 Feb 2019 19:35

Instrument :

BNA_F

ClientSampleId :

SB-5

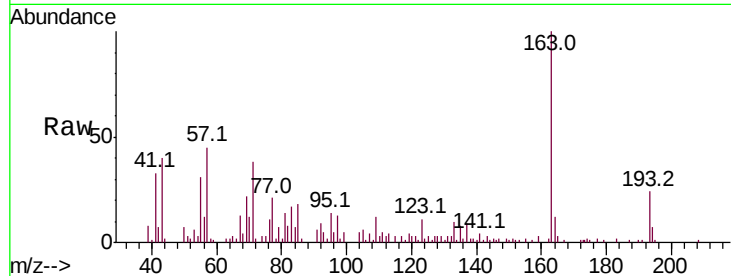
Tot Ion:163 Resp: 35832

Ion Ratio Lower Upper

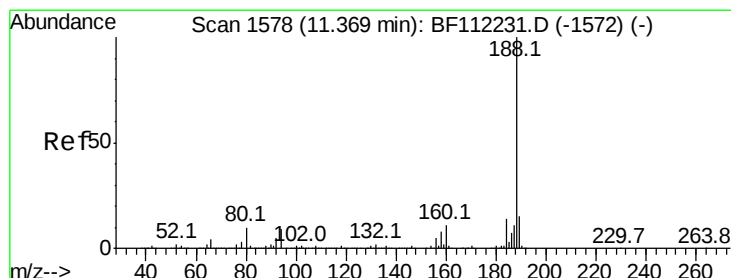
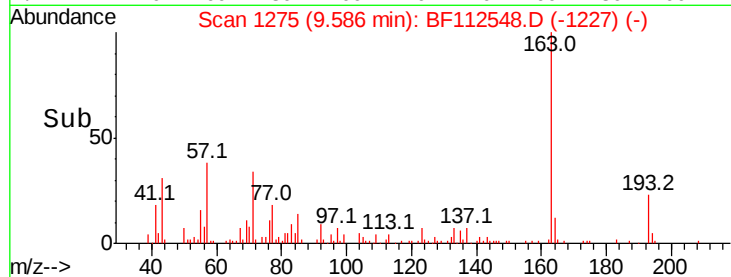
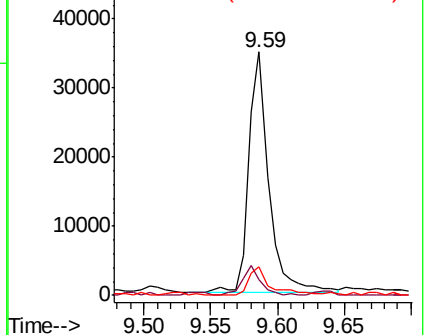
163 100

194 6.6 3.3 4.9#

164 11.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112548.D

Acq: 13 Feb 2019 19:35

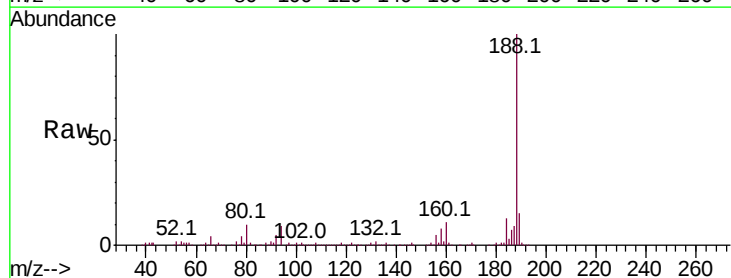
Tgt Ion:188 Resp: 289693

Ion Ratio Lower Upper

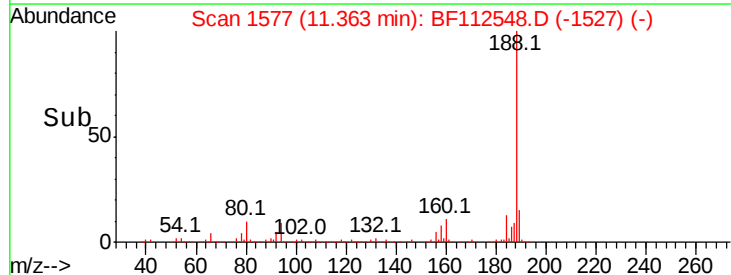
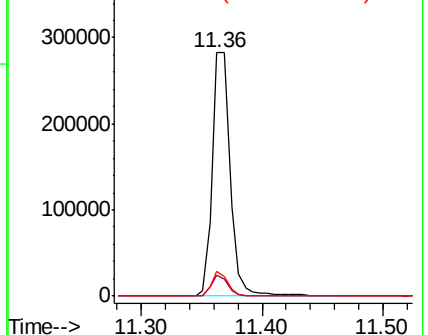
188 100

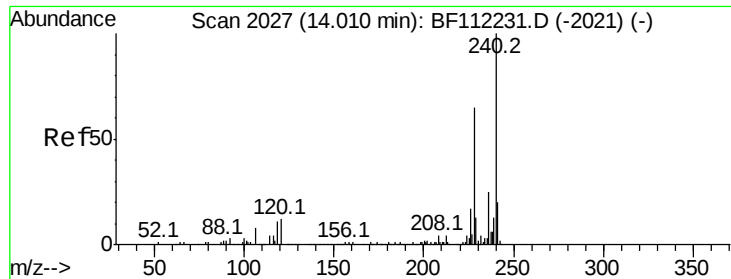
94 8.8 8.2 12.2

80 10.2 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

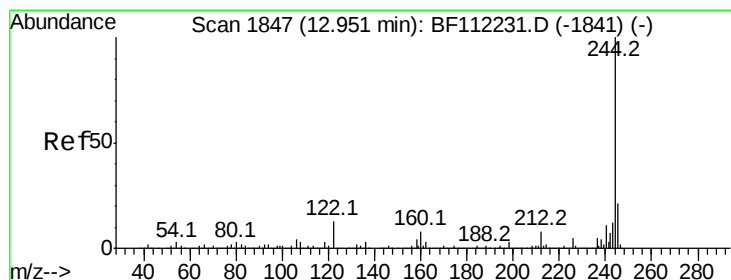
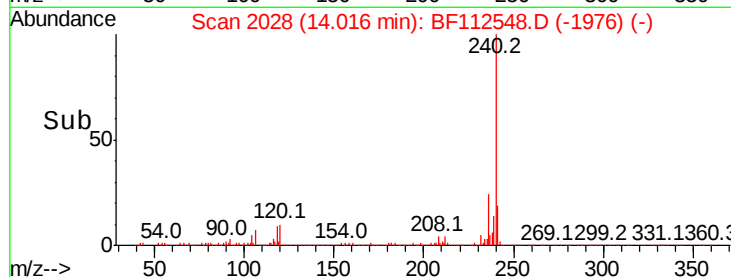
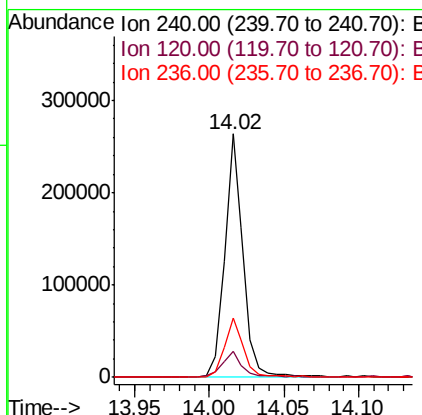
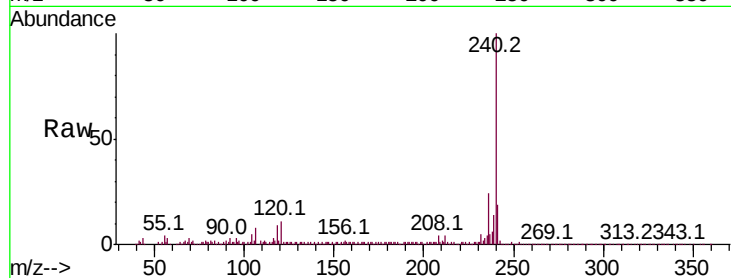




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF112548.D
 Acq: 13 Feb 2019 19:35

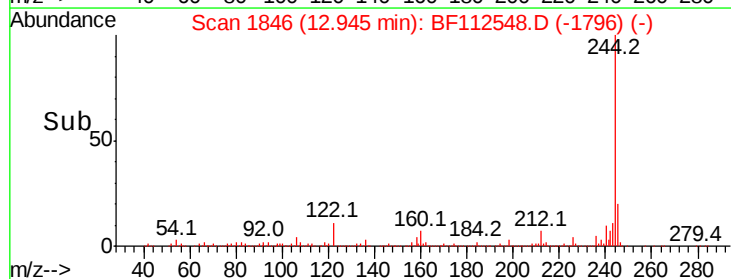
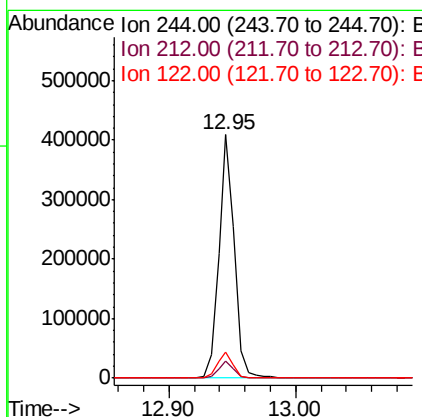
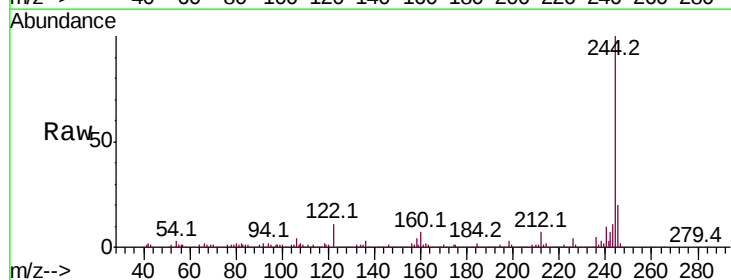
Instrument :
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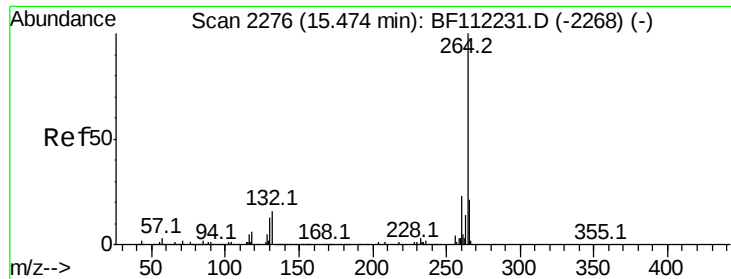
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	24.5	20.7	31.1



#79
 Terphenyl-d14
 Concen: 29.283 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112548.D
 Acq: 13 Feb 2019 19:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.7	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.03 min
Lab File: BF112548.D
Acq: 13 Feb 2019 19:35

Instrument :
BNA_F
ClientSampleId :
SB-5

Tot Ion:264 Resp: 157703

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.8	17.0	25.4

