

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112546.D
 Acq On : 13 Feb 2019 18:38
 Operator : JU/SJ
 Sample : K1458-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Feb 14 06:44:43 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

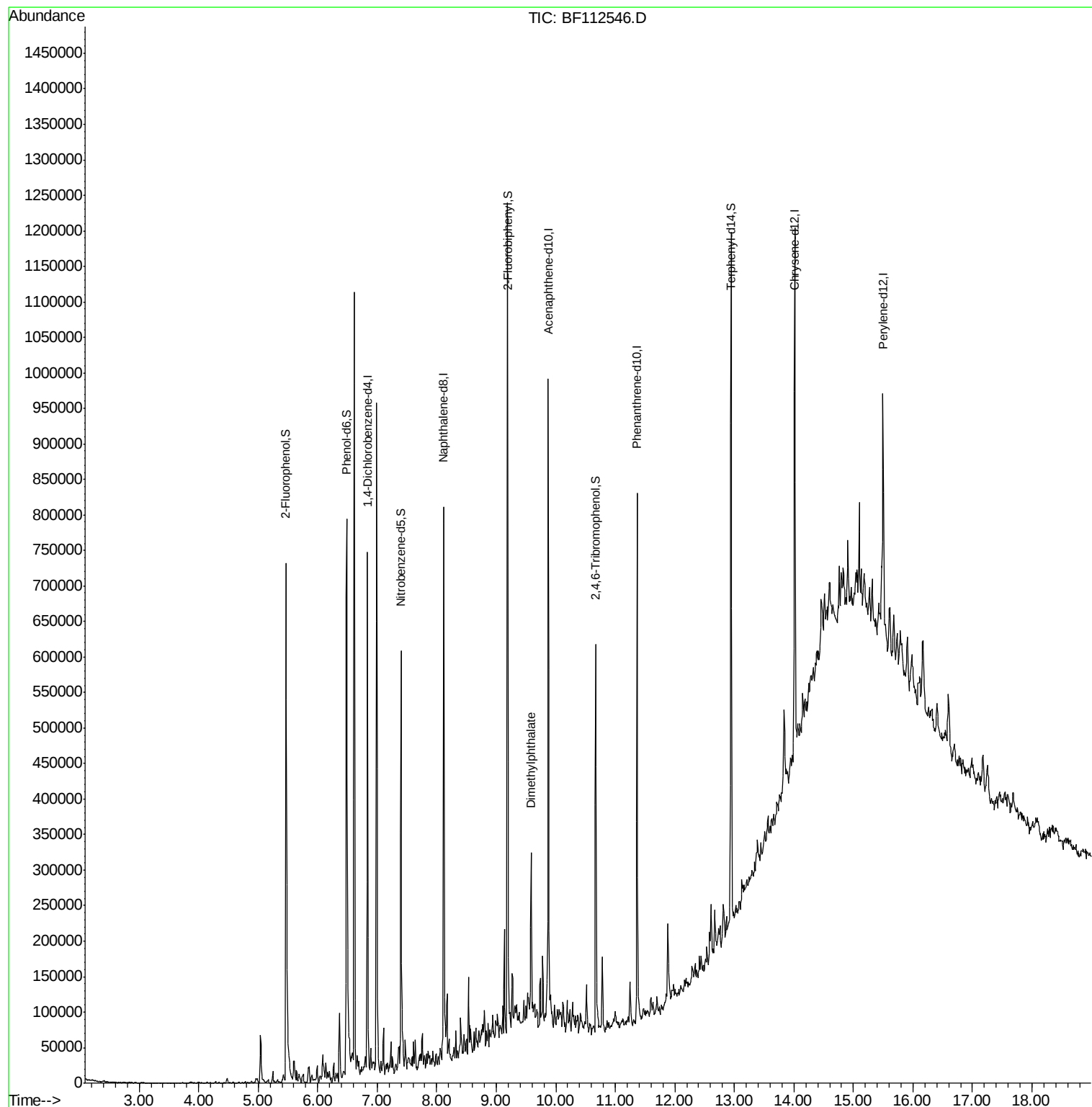
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110229	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	407550	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	174013	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	280998	20.00	ng	0.00
76) Chrysene-d12	14.02	240	238983	20.00	ng	0.00
87) Perylene-d12	15.50	264	170821	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	268582	51.75	ng	-0.01
7) Phenol-d6	6.49	99	345230	47.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	196906	27.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	74528	36.80	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	386541	31.42	ng	-0.01
79) Terphenyl-d14	12.94	244	321118	25.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	29234	2.162	ng	Qvalue # 94

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

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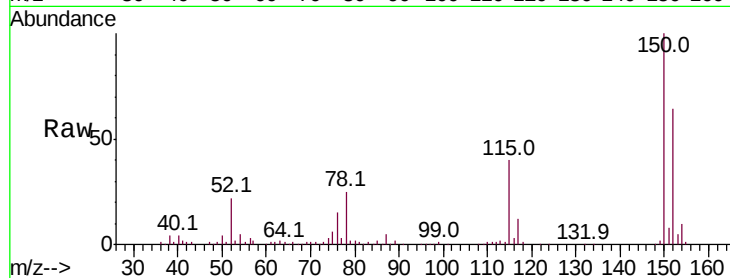


#1

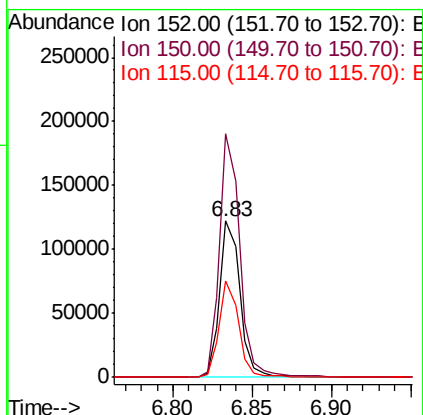
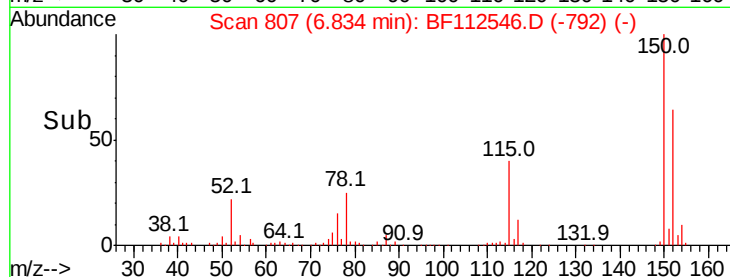
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112546.D
Acq: 13 Feb 2019 18:38

Instrument :
BNA_F
ClientSampled :
SB-1

Tot Ion:152 Resp: 110229
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 61.8 45.5 68.3



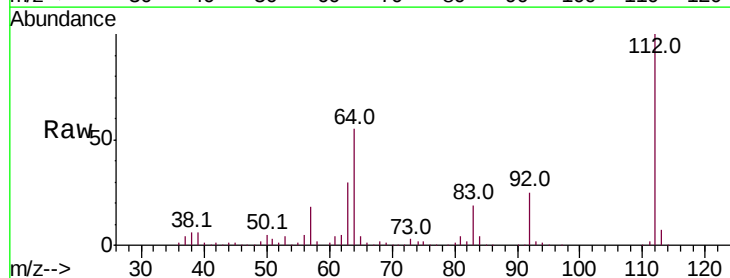
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



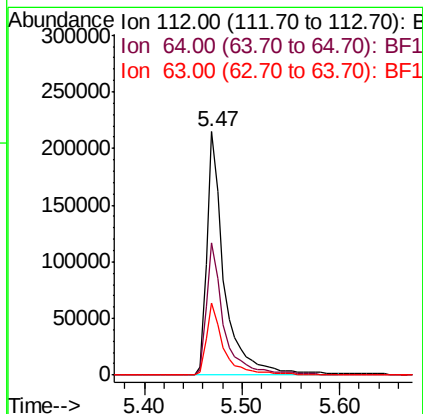
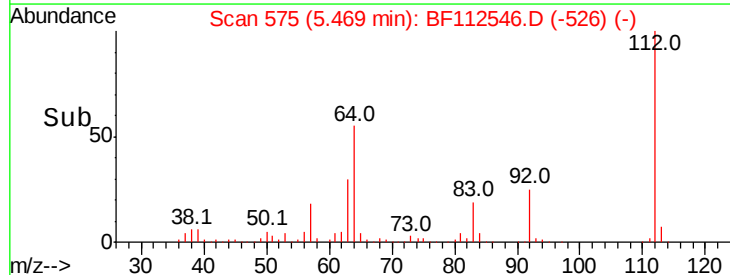
#5

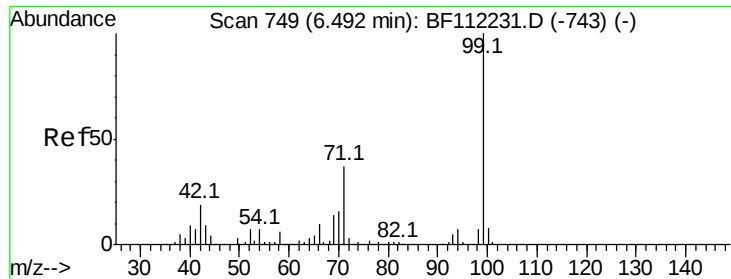
2-Fluorophenol
Concen: 51.755 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112546.D
Acq: 13 Feb 2019 18:38

Tgt Ion:112 Resp: 268582
Ion Ratio Lower Upper
112 100
64 54.5 45.7 68.5
63 29.8 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: 47.875 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112546.D

Acq: 13 Feb 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SB-1

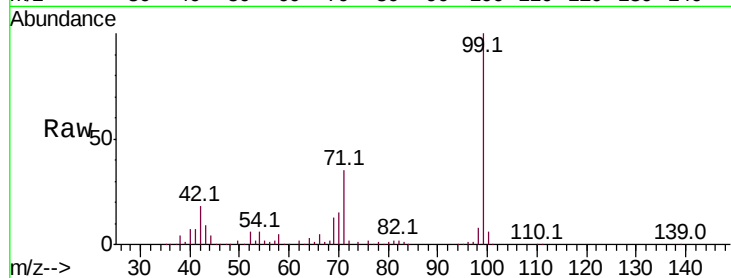
Tot Ion: 99 Resp: 345230

Ion Ratio Lower Upper

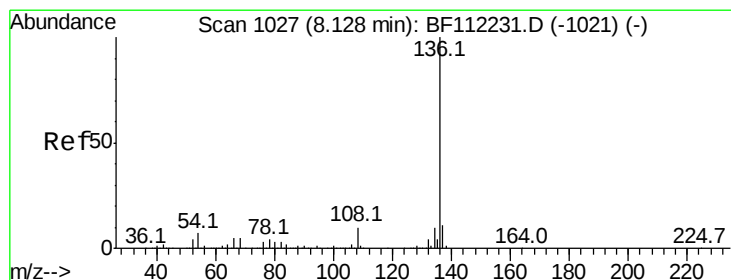
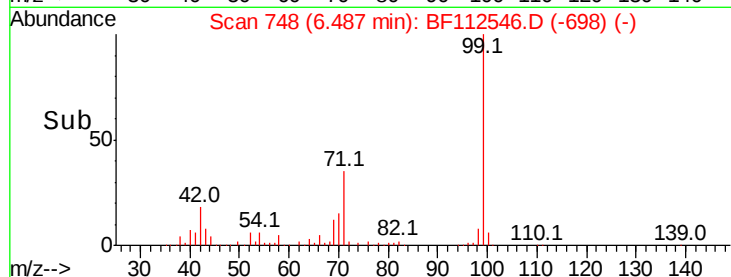
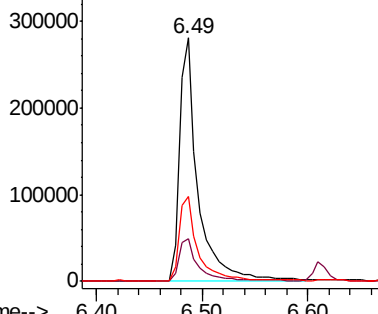
99 100

42 17.7 15.1 22.7

71 35.0 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: BF112546.D

Acq: 13 Feb 2019 18:38

Tgt Ion: 136 Resp: 407550

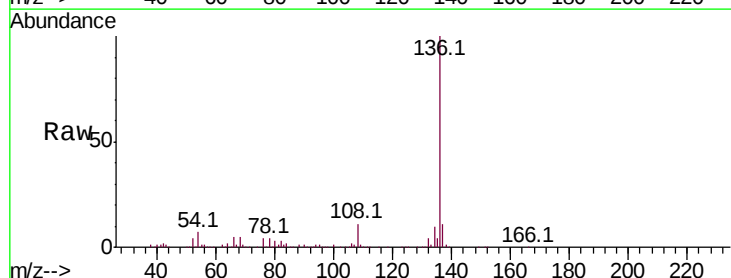
Ion Ratio Lower Upper

136 100

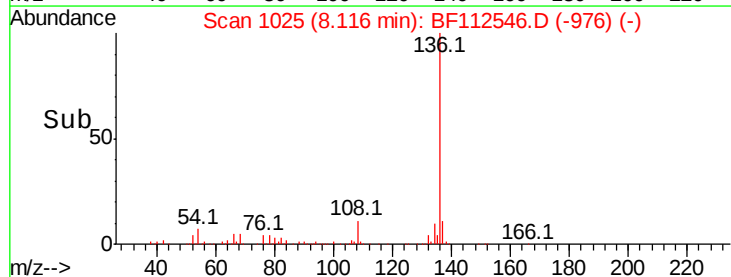
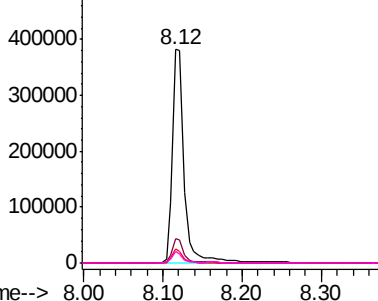
137 11.3 9.1 13.7

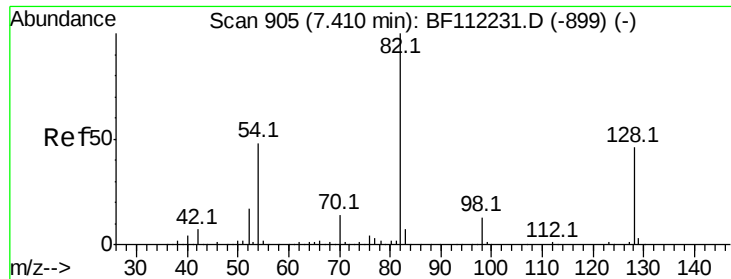
54 6.6 5.9 8.9

68 5.4 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

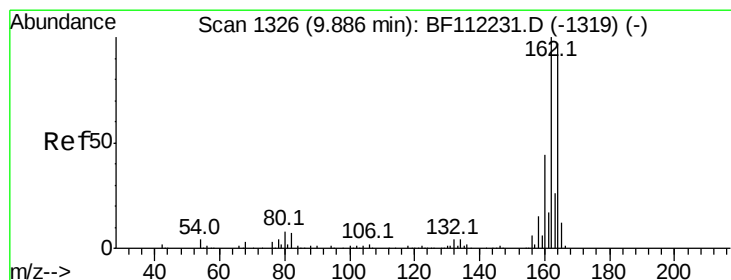
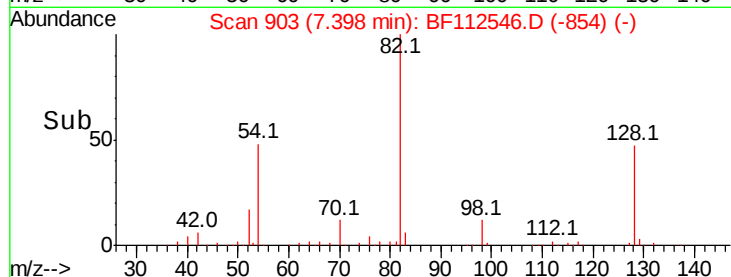
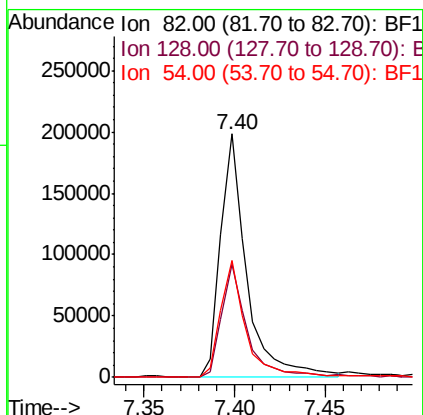
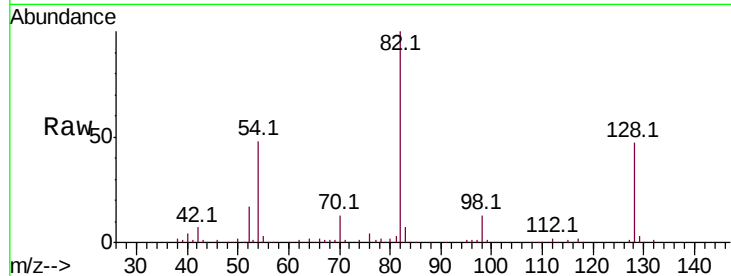




#23
 Nitrobenzene-d5
 Concen: 27.839 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112546.D
 Acq: 13 Feb 2019 18:38

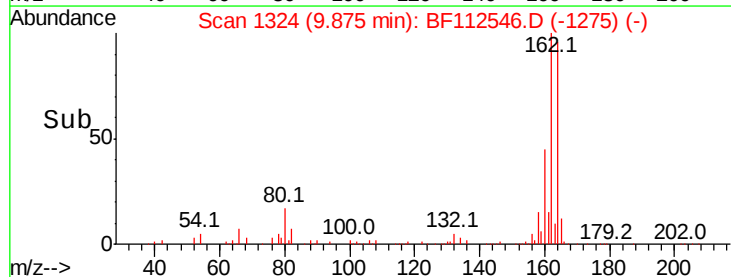
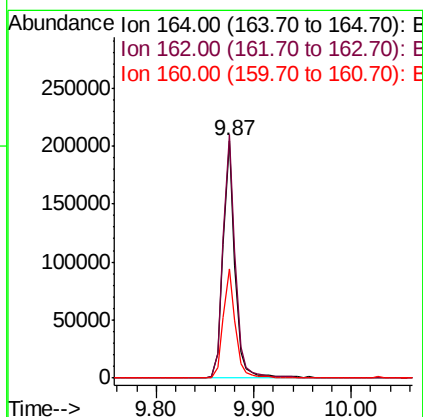
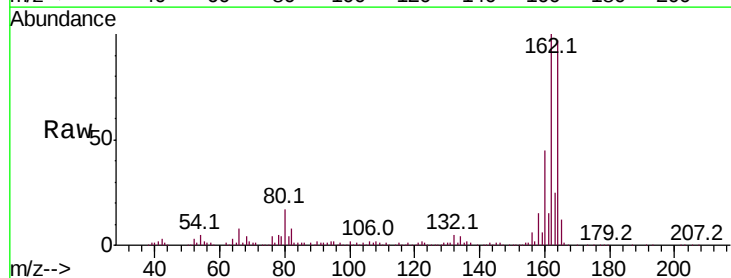
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Tot Ion	82	Resp	196906
Ion Ratio	100	Lower	Upper
128	46.5	37.8	56.8
54	47.9	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: BF112546.D
 Acq: 13 Feb 2019 18:38

Tgt Ion	164	Resp	174013
Ion Ratio	100	Lower	Upper
162	102.6	82.2	123.4
160	46.1	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 36.796 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112546.D

Acq: 13 Feb 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SB-1

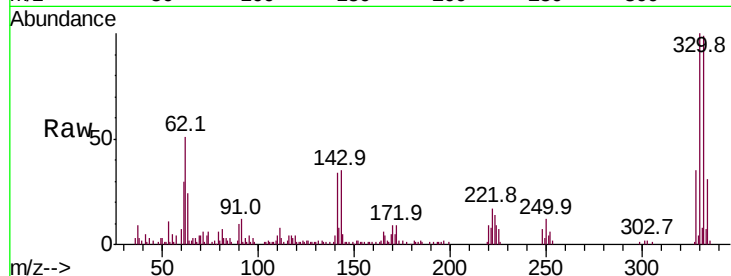
Tot Ion:330 Resp: 74528

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

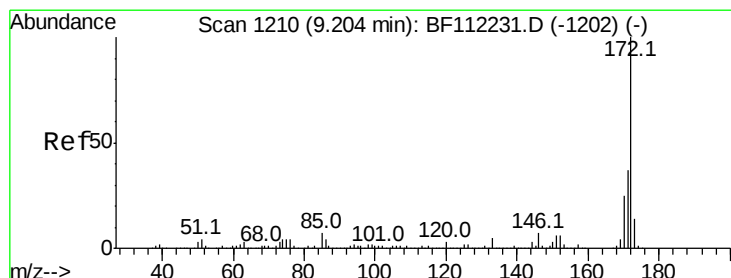
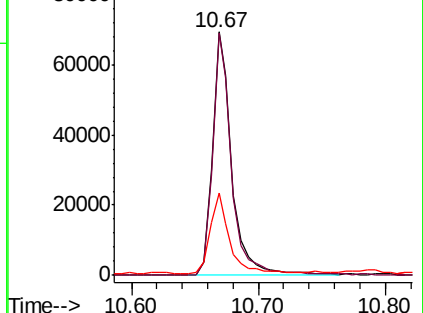
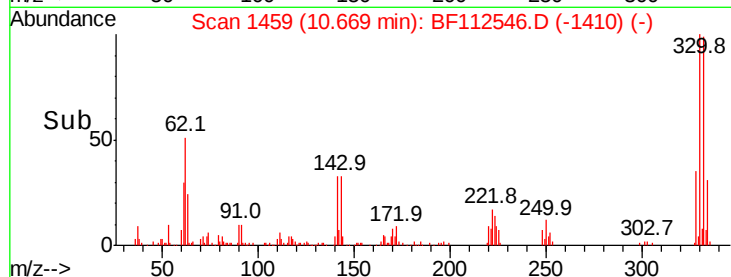
141 32.5 24.3 36.5



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: 31.417 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112546.D

Acq: 13 Feb 2019 18:38

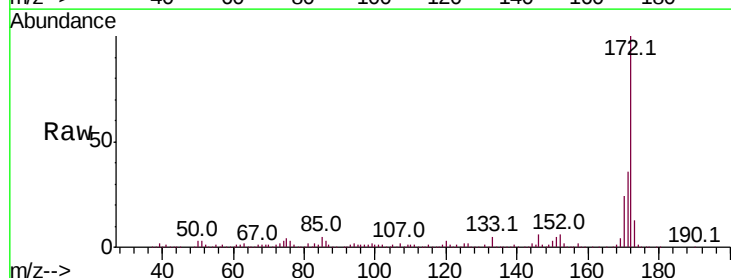
Tgt Ion:172 Resp: 386541

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

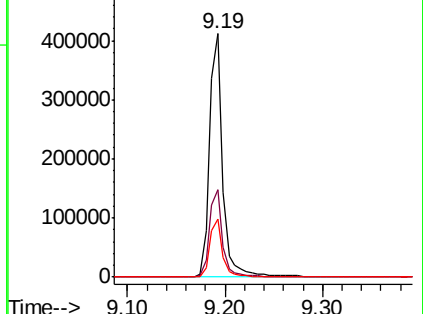
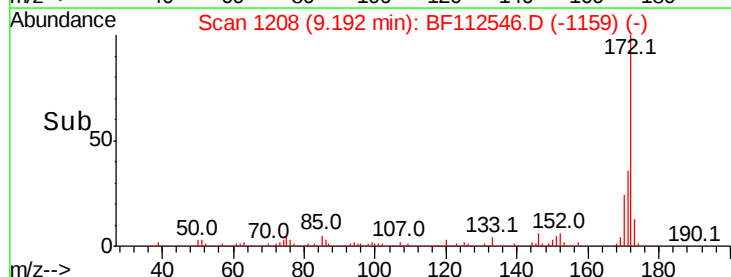
170 23.6 20.2 30.4

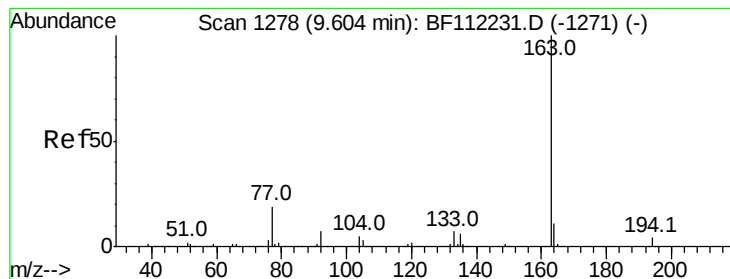


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.162 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112546.D

Acq: 13 Feb 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SB-1

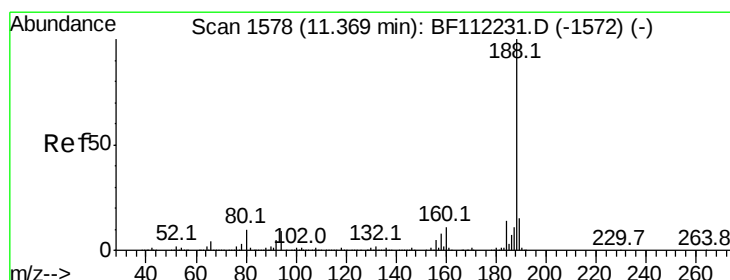
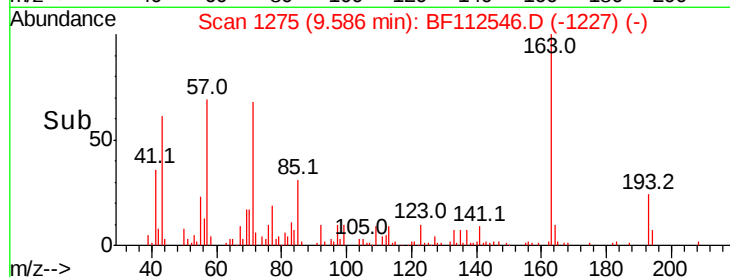
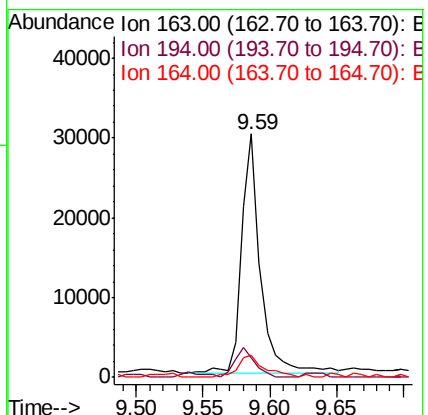
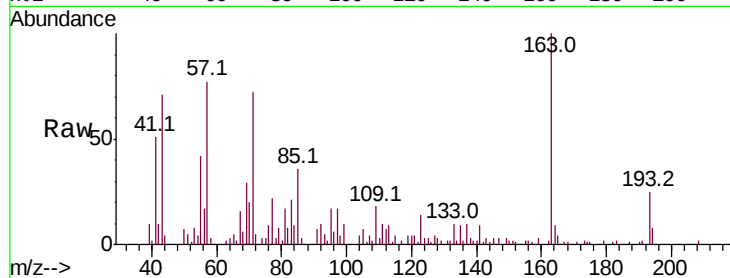
Tot Ion:163 Resp: 29234

Ion Ratio Lower Upper

163 100

194 8.1 3.3 4.9#

164 9.4 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: BF112546.D

Acq: 13 Feb 2019 18:38

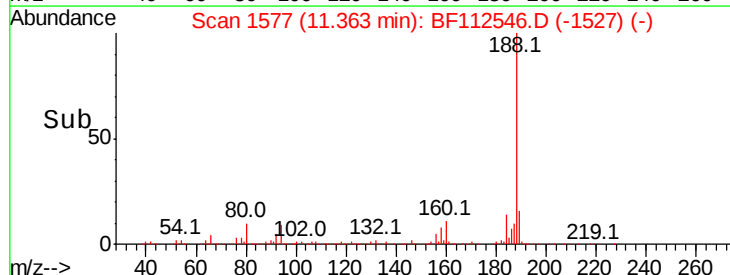
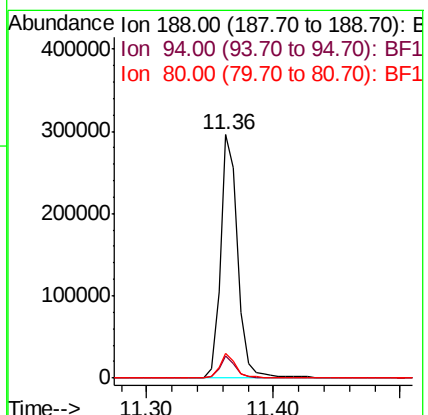
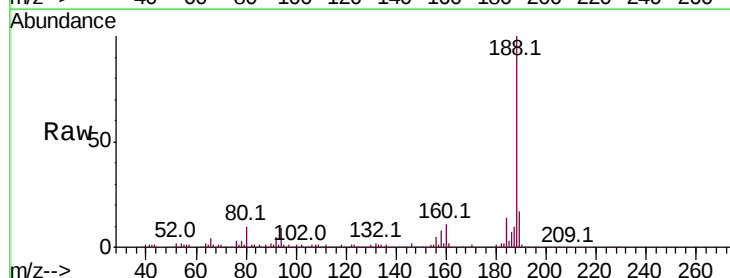
Tgt Ion:188 Resp: 280998

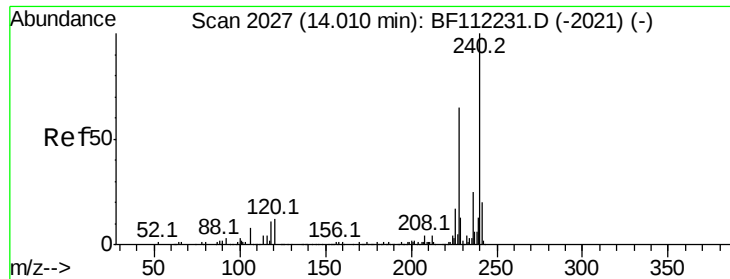
Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 10.0 8.9 13.3

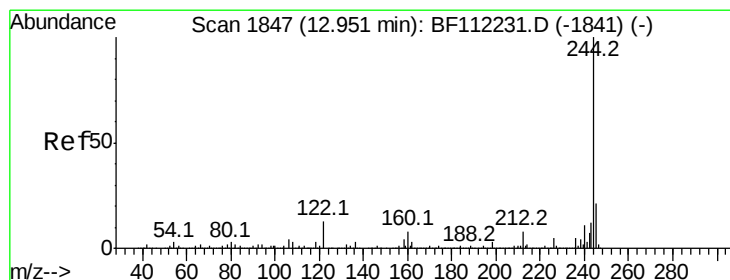
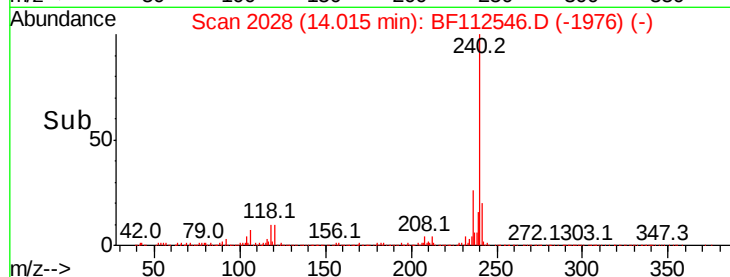
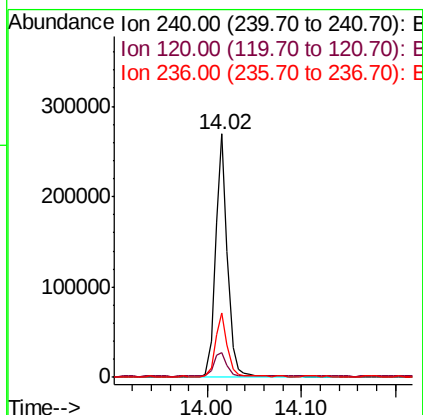
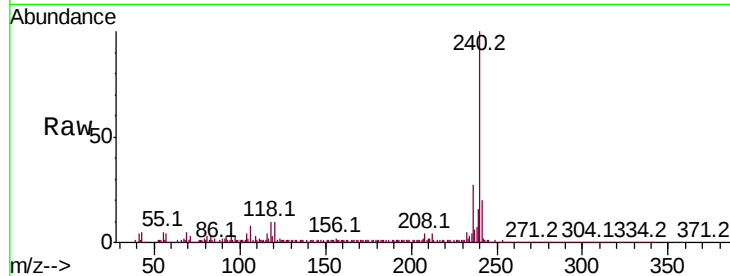




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF112546.D
 Acq: 13 Feb 2019 18:38

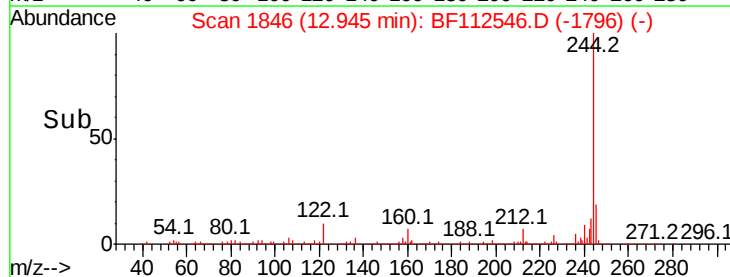
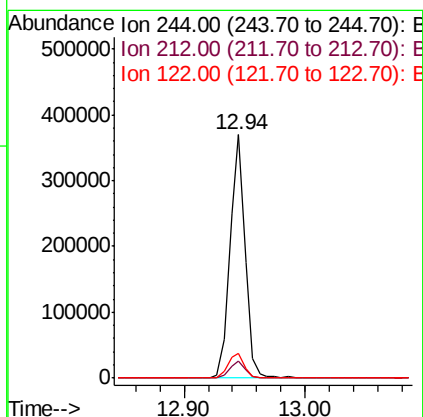
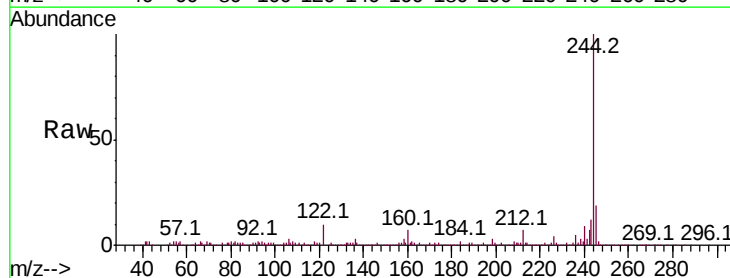
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

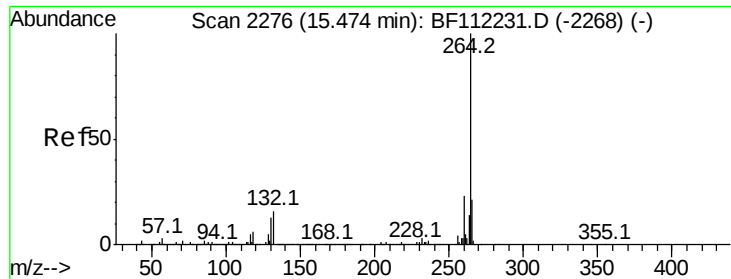
Tot Ion:240 Resp: 238983
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.0 13.6
 236 26.7 20.7 31.1



#79
 Terphenyl-d14
 Concen: 25.308 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112546.D
 Acq: 13 Feb 2019 18:38

Tgt Ion:244 Resp: 321118
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.3 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: BF112546.D
Acq: 13 Feb 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion:264 Resp: 170821

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.2
265	22.9	17.0	25.4

