

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112240.D
 Acq On : 25 Jan 2019 19:05
 Operator : JU/SJ
 Sample : K1238-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

Quant Time: Jan 28 00:22:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

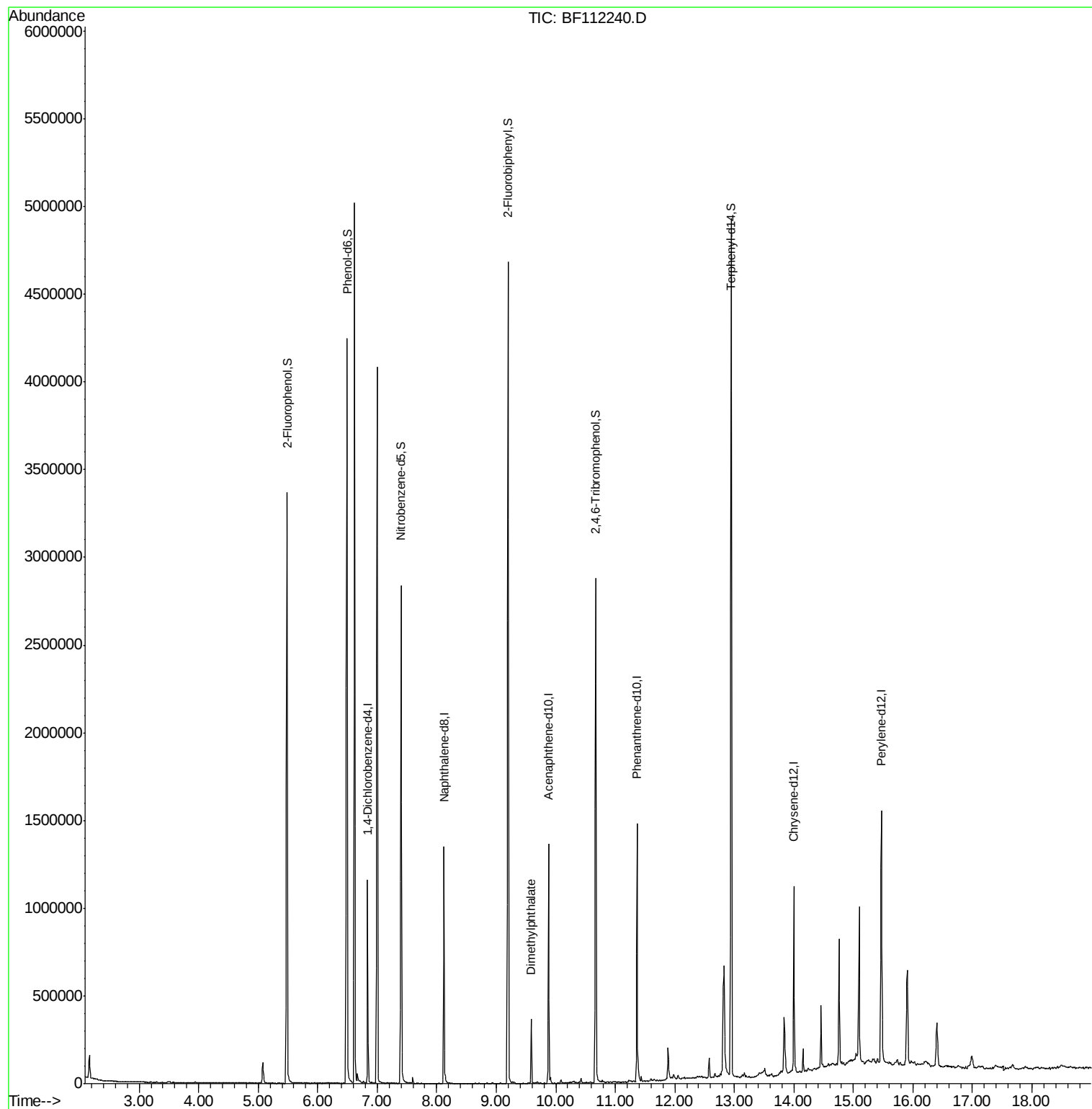
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	175210	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	639962	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	269196	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	496201	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	348477	20.00	ng	-0.01
87) Perylene-d12	15.47	264	331746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1002920	121.58	ng	0.00
7) Phenol-d6	6.49	99	1621706	141.48	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1038286	93.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	364330	116.27	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1503495	78.99	ng	-0.01
79) Terphenyl-d14	12.95	244	1656798	89.55	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	154751	7.399	ng	Qvalue 100

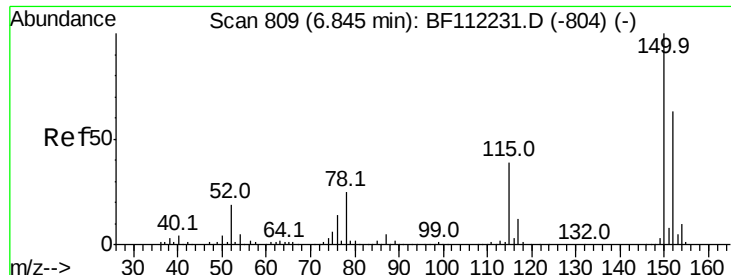
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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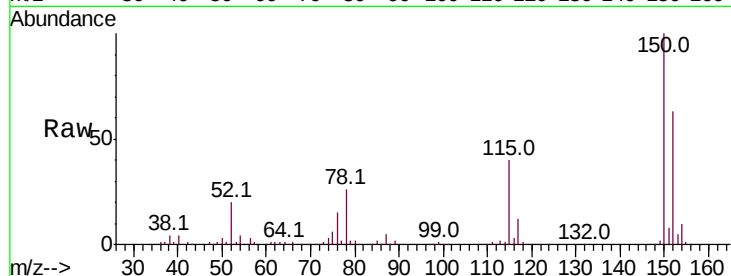


#1

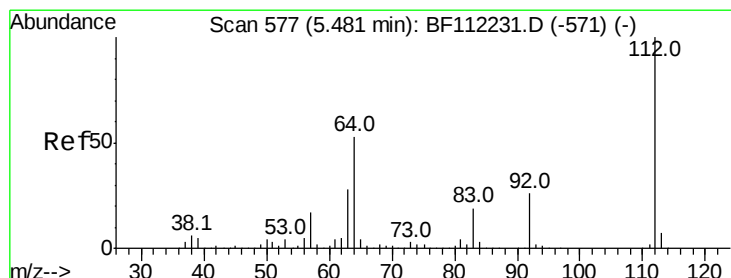
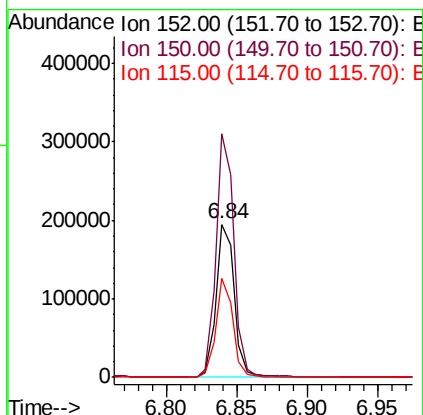
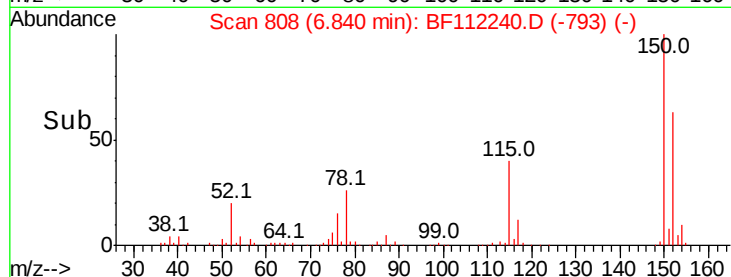
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112240.D
Acq: 25 Jan 2019 19:05

Instrument :
BNA_F
ClientSampleId :
S1

Tot Ion:152 Resp: 175210
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 64.4 45.5 68.3



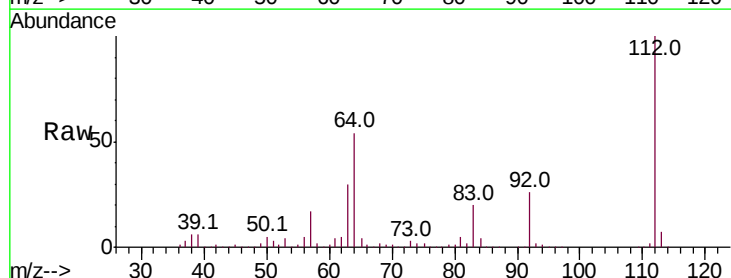
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



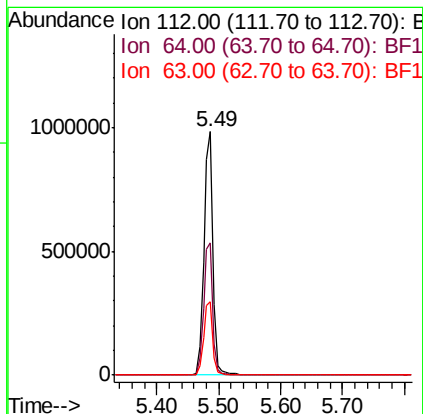
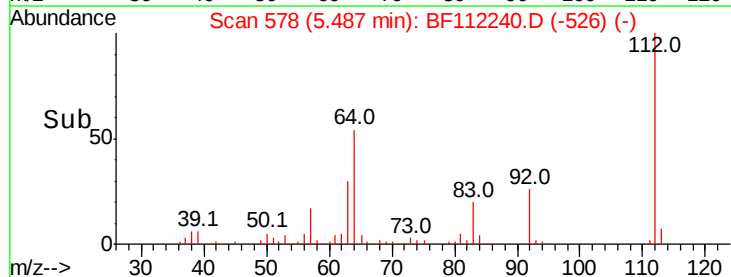
#5

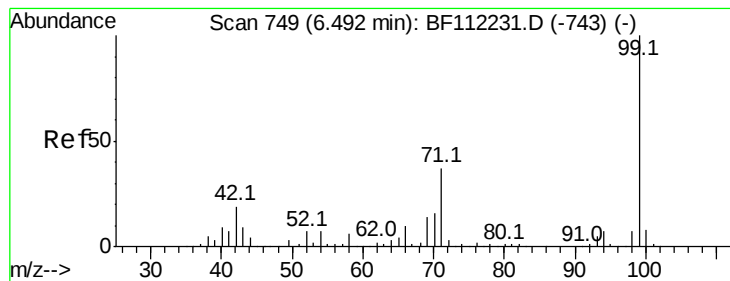
2-Fluorophenol
Concen: 121.584 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112240.D
Acq: 25 Jan 2019 19:05

Tgt Ion:112 Resp: 1002920
Ion Ratio Lower Upper
112 100
64 54.4 45.7 68.5
63 30.0 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: 141.484 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112240.D

Acq: 25 Jan 2019 19:05

Instrument :

BNA_F

ClientSampleId :

S1

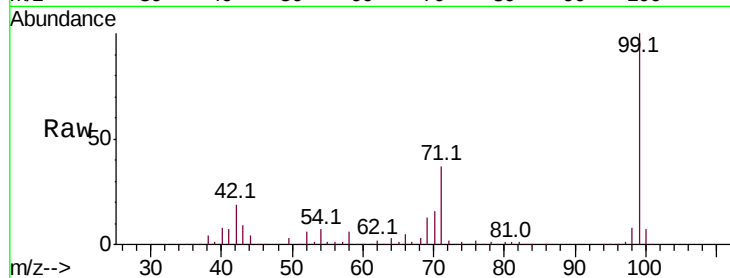
Tot Ion: 99 Resp: 1621706

Ion Ratio Lower Upper

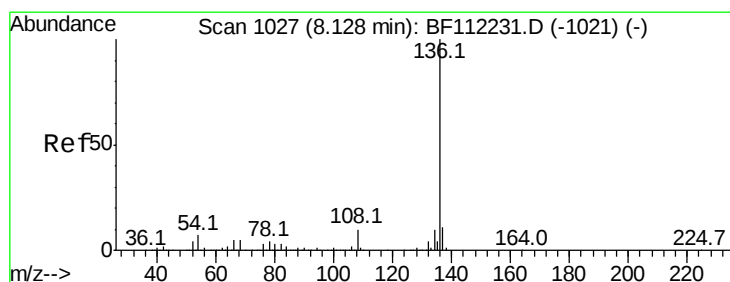
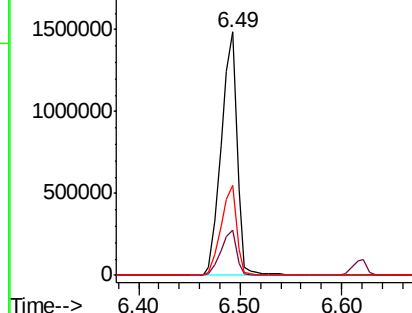
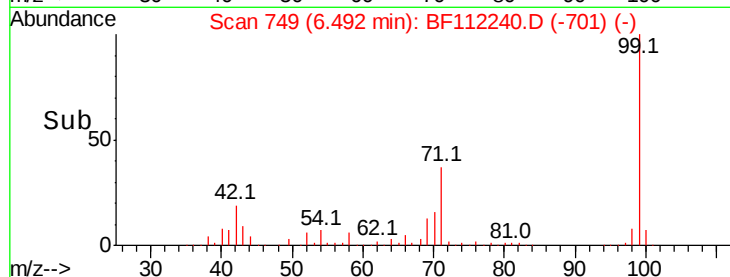
99 100

42 18.5 15.1 22.7

71 37.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112240.D

Acq: 25 Jan 2019 19:05

Tgt Ion: 136 Resp: 639962

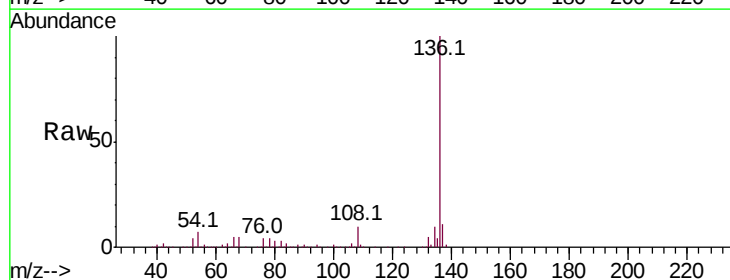
Ion Ratio Lower Upper

136 100

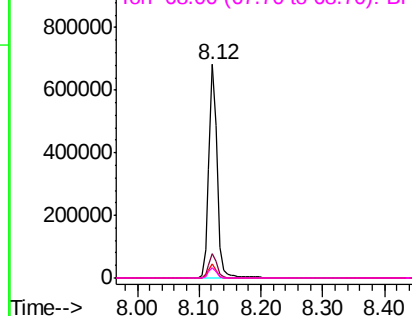
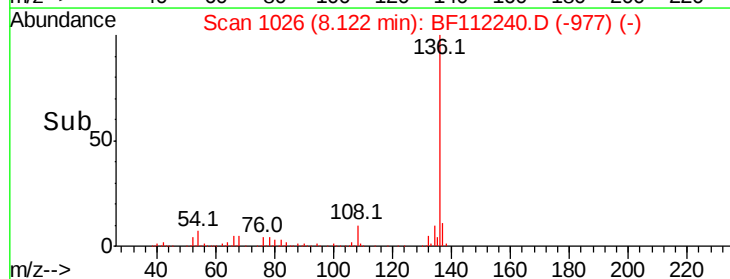
137 11.2 9.1 13.7

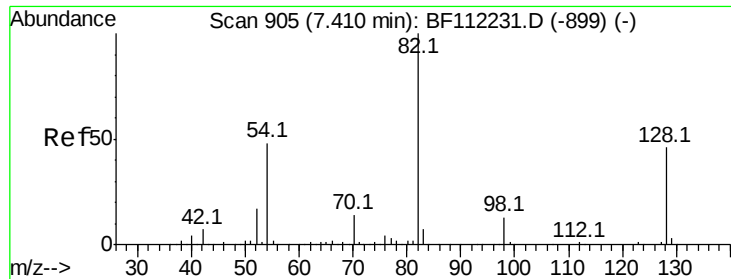
54 6.7 5.9 8.9

68 4.9 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

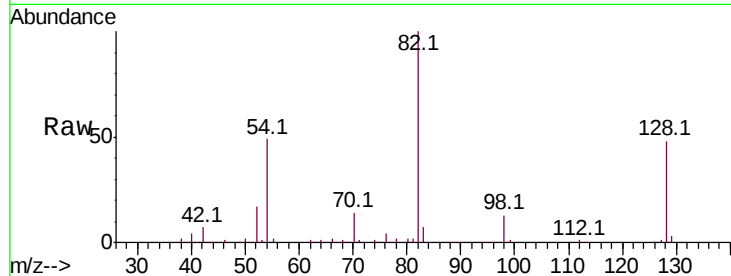




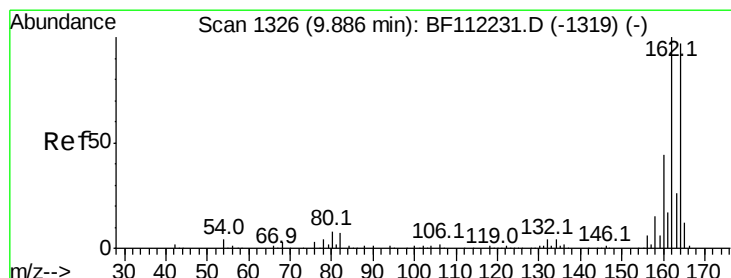
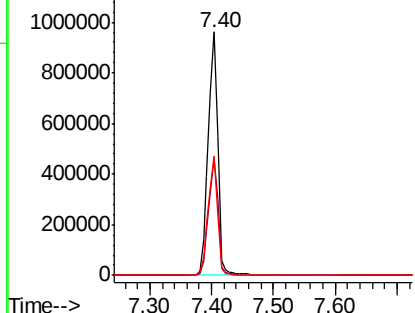
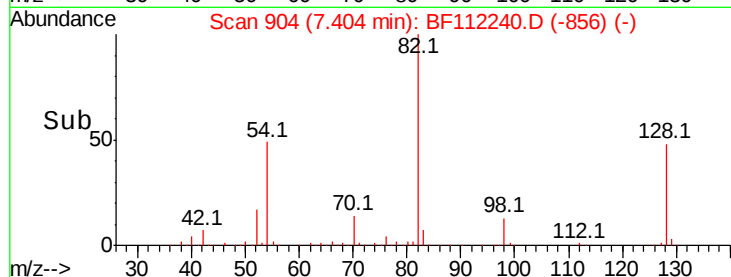
#23
Nitrobenzene-d5
Concen: 93.483 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112240.D
Acq: 25 Jan 2019 19:05

Instrument :
BNA_F
ClientSampleId :
S1

Tot Ion: 82 Resp: 1038286
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 49.0 39.7 59.5

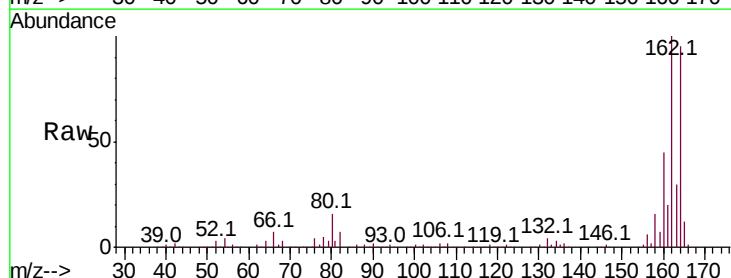


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

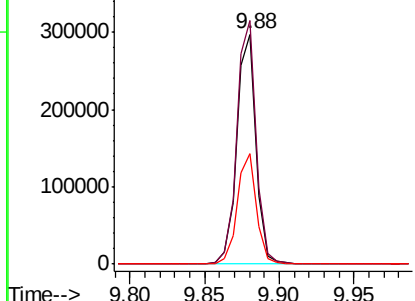
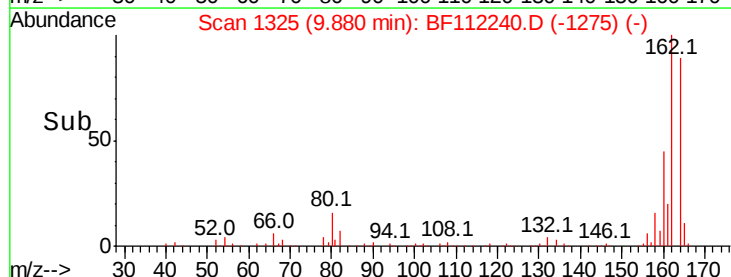


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112240.D
Acq: 25 Jan 2019 19:05

Tgt Ion: 164 Resp: 269196
Ion Ratio Lower Upper
164 100
162 105.8 82.2 123.4
160 47.9 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: 116.274 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112240.D

Acq: 25 Jan 2019 19:05

Instrument :

BNA_F

ClientSampled :

S1

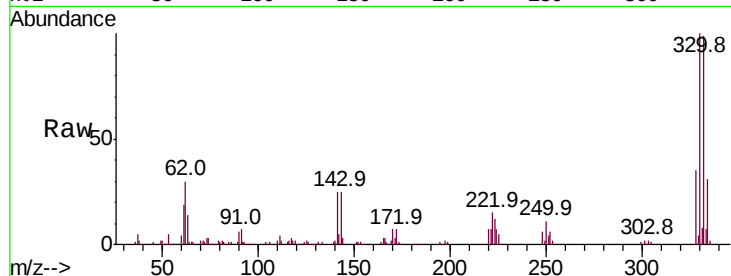
Tot Ion:330 Resp: 364330

Ion Ratio Lower Upper

330 100

332 98.7 76.6 114.8

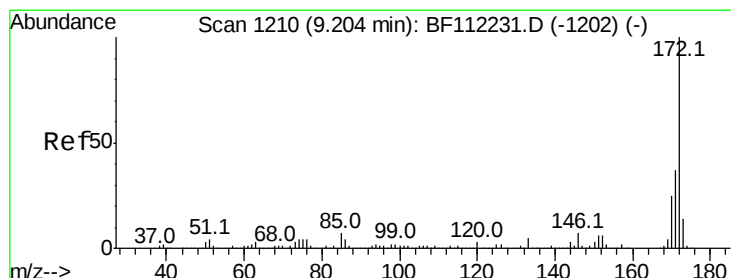
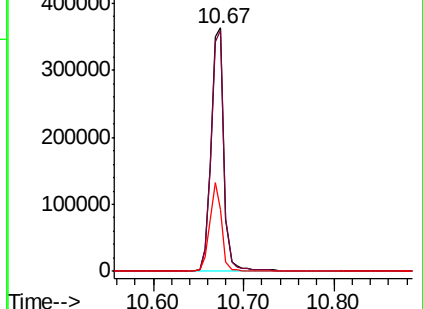
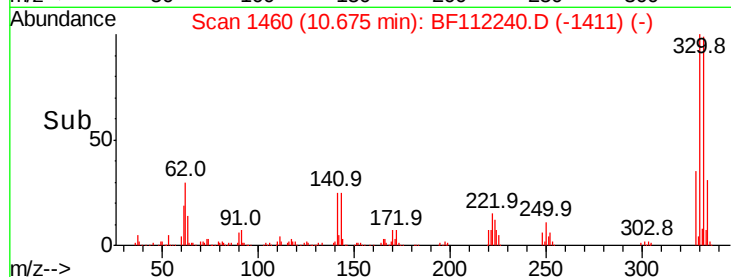
141 34.2 24.3 36.5



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: 78.993 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112240.D

Acq: 25 Jan 2019 19:05

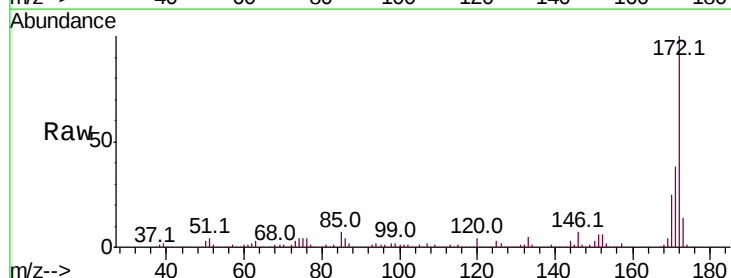
Tgt Ion:172 Resp: 1503495

Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

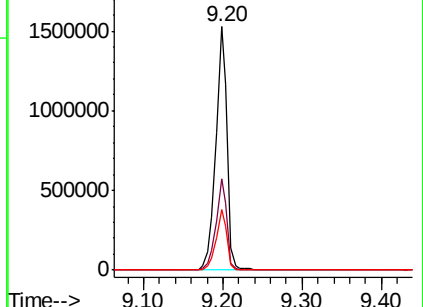
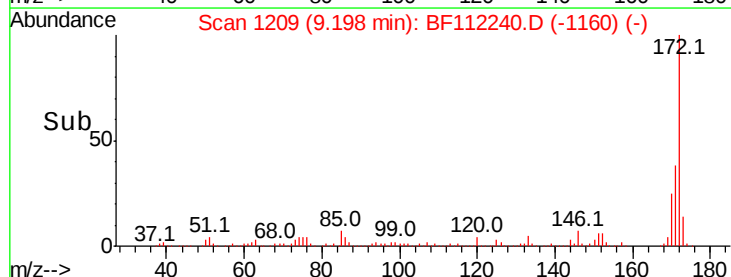
170 24.7 20.2 30.4

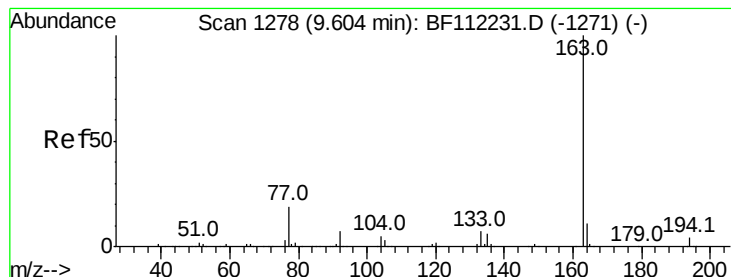


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.399 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF112240.D

Acq: 25 Jan 2019 19:05

Instrument :

BNA_F

ClientSampleId :

S1

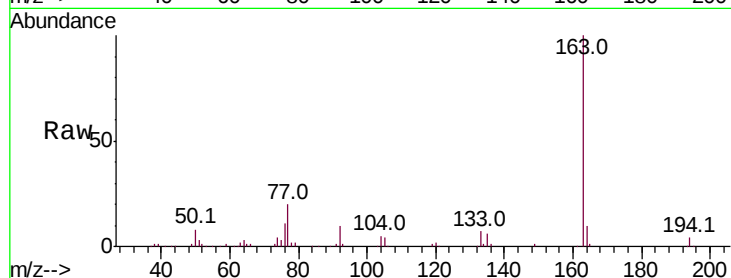
Tot Ion:163 Resp: 154751

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

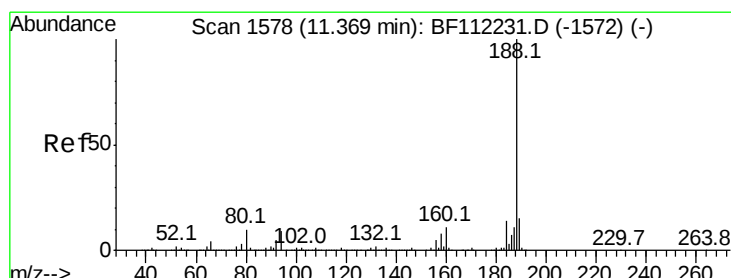
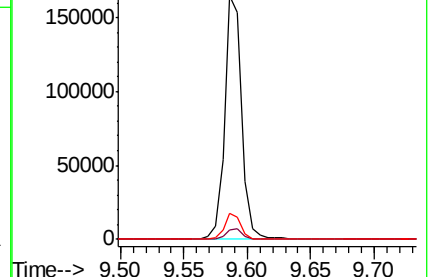
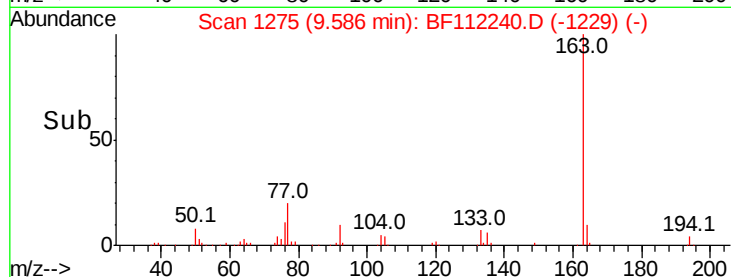
164 10.4 8.5 12.7



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: BF112240.D

Acq: 25 Jan 2019 19:05

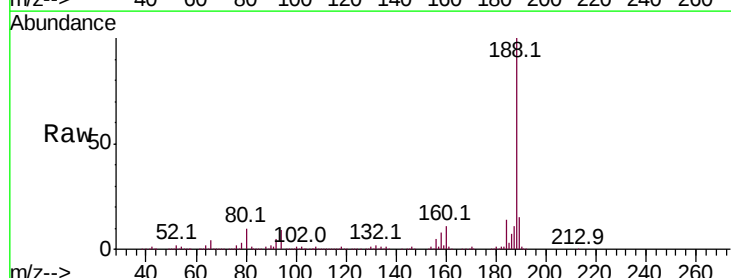
Tgt Ion:188 Resp: 496201

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

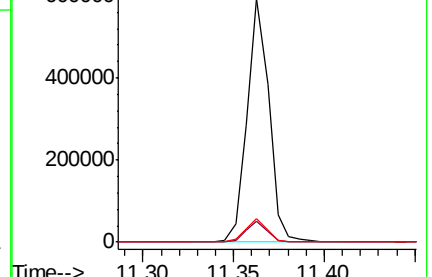
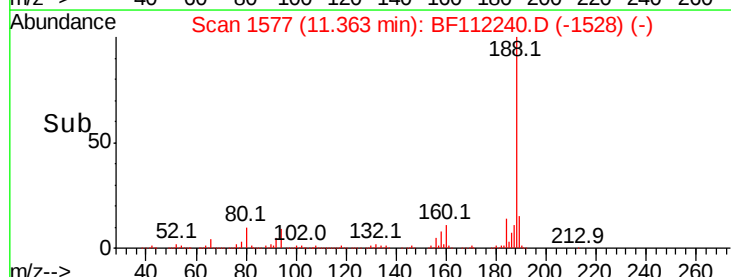
80 9.7 8.9 13.3

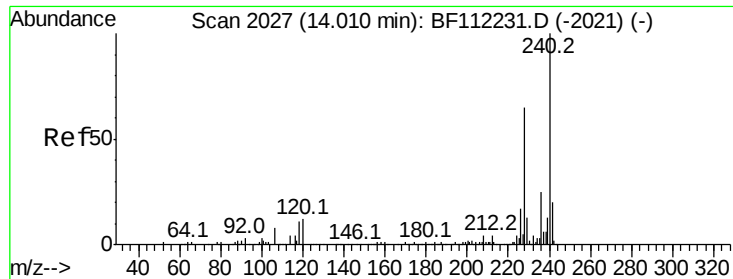


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

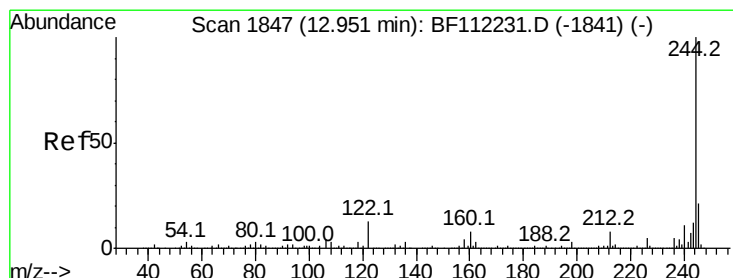
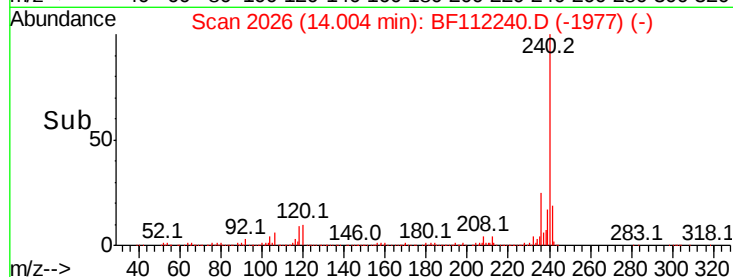
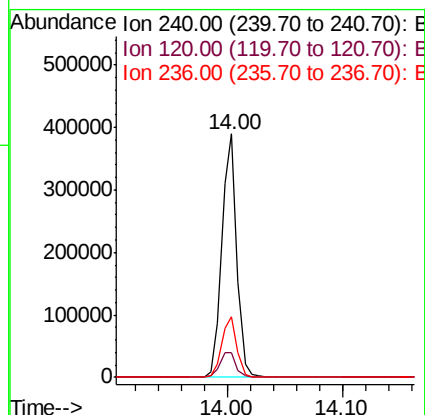
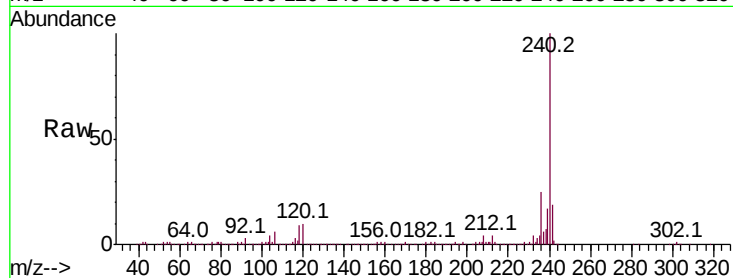




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112240.D
 Acq: 25 Jan 2019 19:05

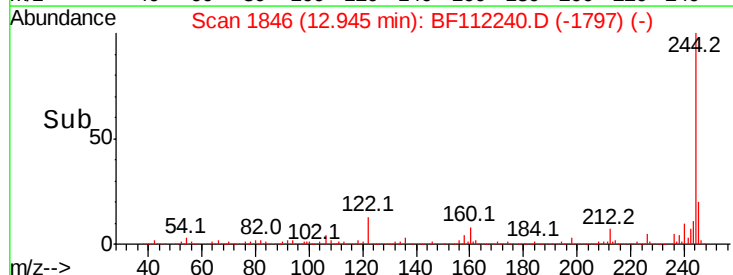
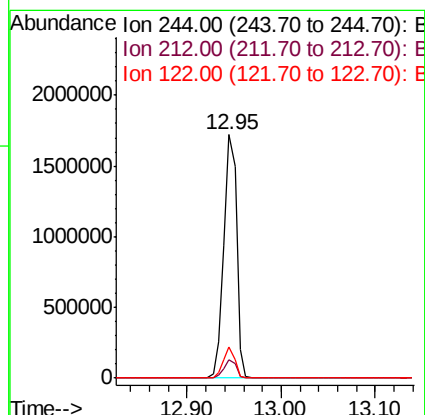
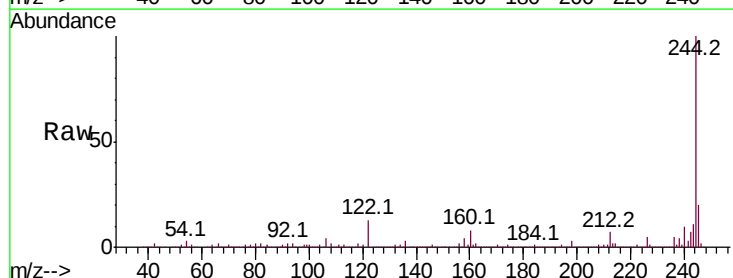
Instrument :
 BNA_F
 ClientSampled :
 S1

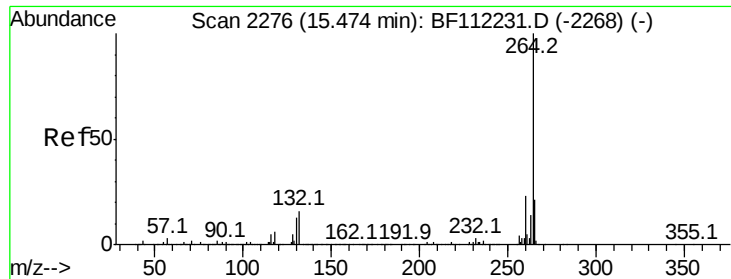
Tot Ion:240 Resp: 348477
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.0 13.6
 236 25.0 20.7 31.1



#79
 Terphenyl-d14
 Concen: 89.546 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112240.D
 Acq: 25 Jan 2019 19:05

Tgt Ion:244 Resp: 1656798
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.6 9.8 14.6

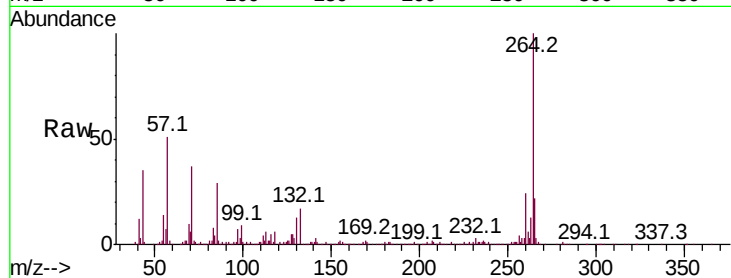




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112240.D
Acq: 25 Jan 2019 19:05

Instrument :
BNA_F
ClientSampleId :
S1

Tot Ion:	264	Resp:	331746
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.6	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

