

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112532.D
 Acq On : 13 Feb 2019 12:05
 Operator : JU/SJ
 Sample : K1459-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-11-S

Quant Time: Feb 14 06:13:18 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

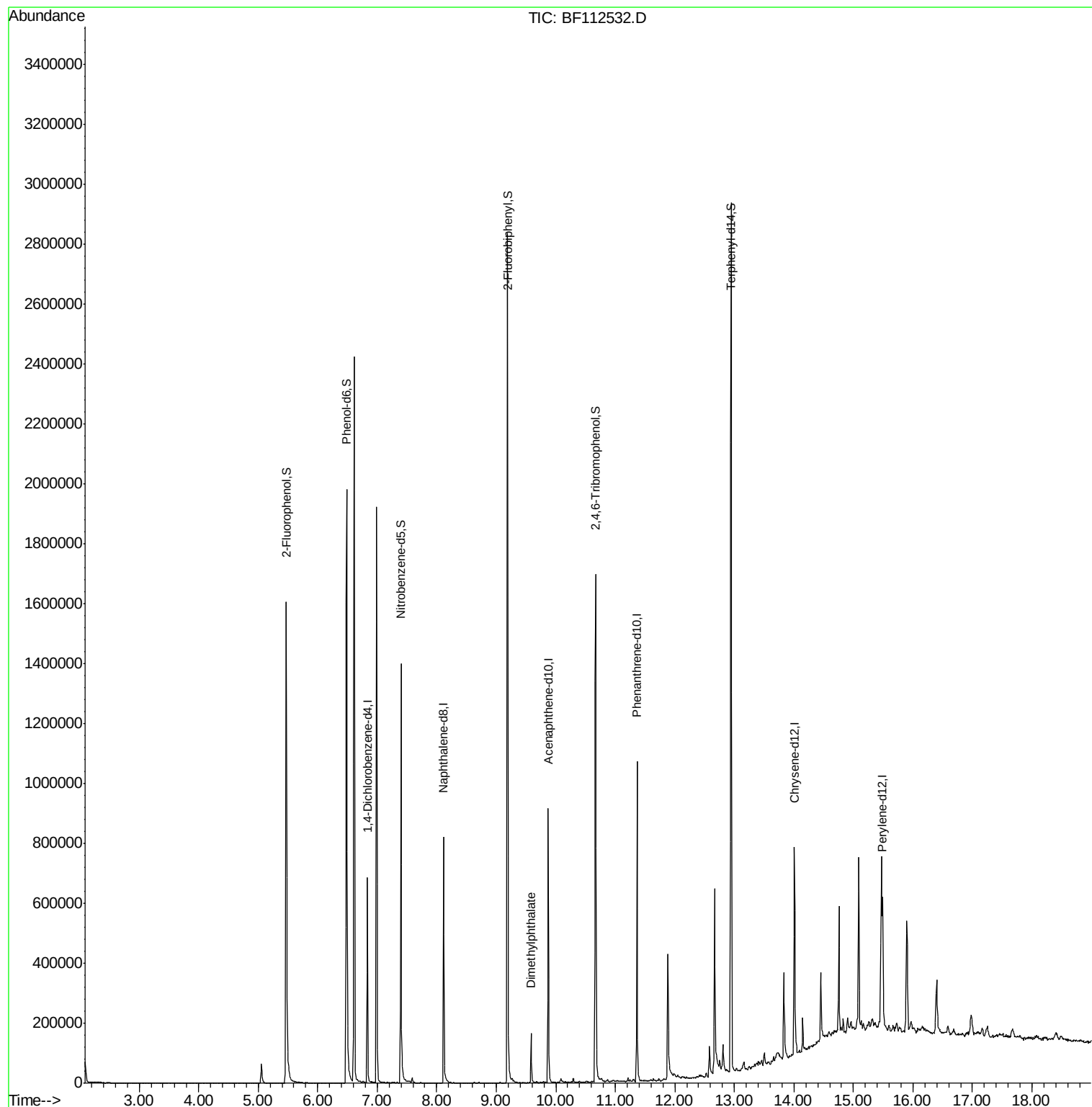
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99325	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	395621	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	201352	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	381373	20.00	ng	0.00
76) Chrysene-d12	14.01	240	230049	20.00	ng	0.00
87) Perylene-d12	15.49	264	217261	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	561397	120.05	ng	0.00
7) Phenol-d6	6.49	99	718556	110.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	459645	66.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	227597	97.11	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	948405	66.62	ng	-0.01
79) Terphenyl-d14	12.94	244	937167	76.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	80472	5.144	ng	Qvalue 97

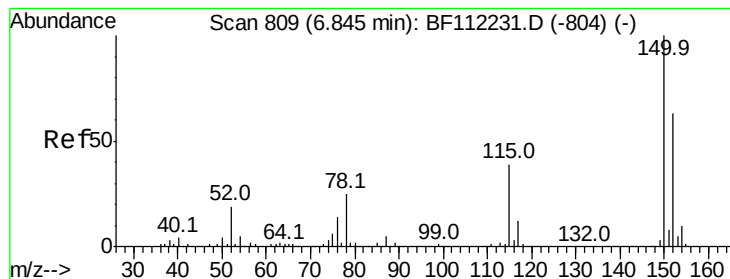
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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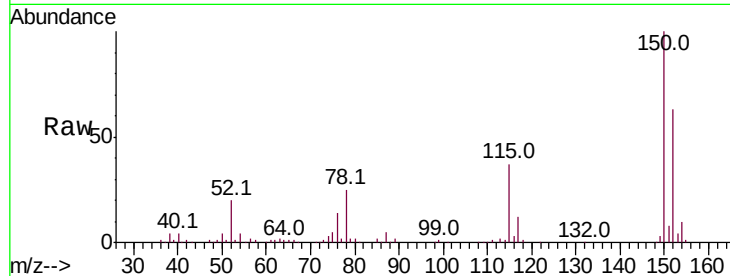


#1

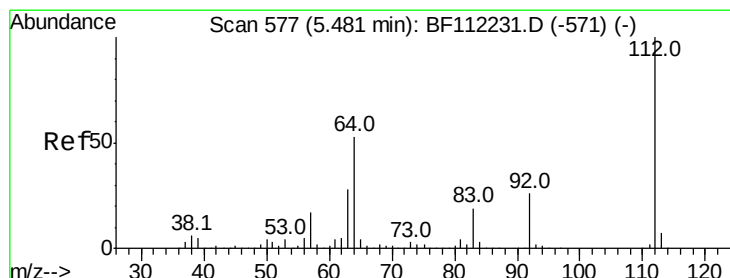
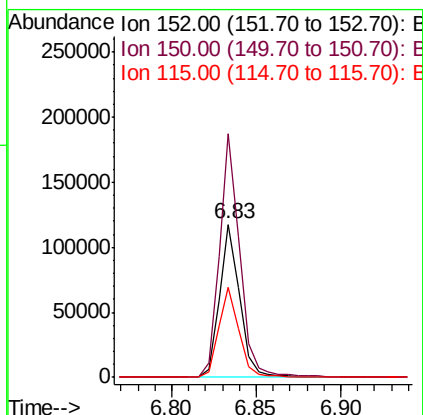
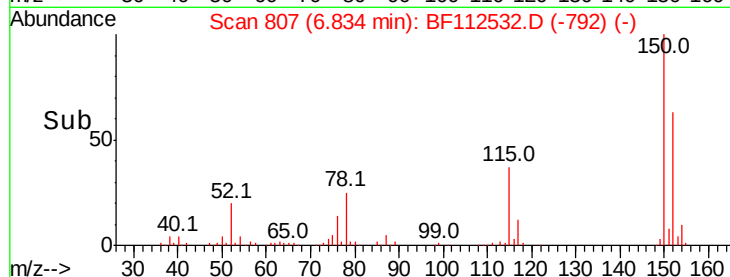
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112532.D
Acq: 13 Feb 2019 12:05

Instrument :
BNA_F
ClientSampleId :
M-11-S

Tot Ion:152 Resp: 99325
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.0
115 58.8 45.5 68.3



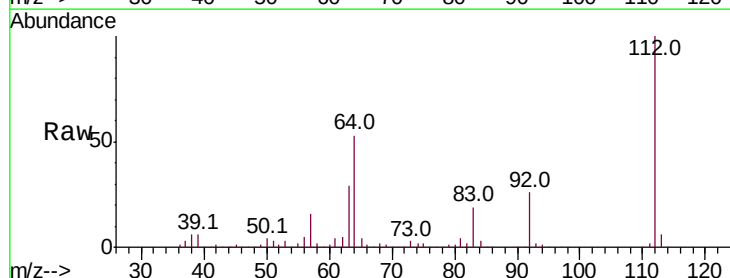
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



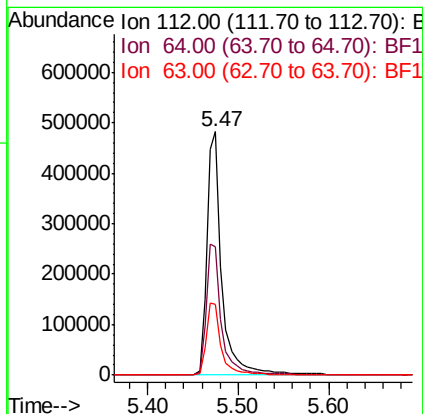
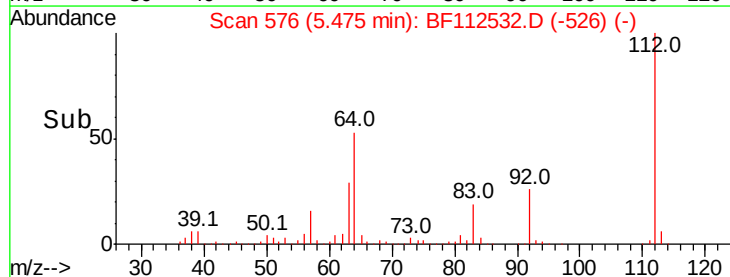
#5

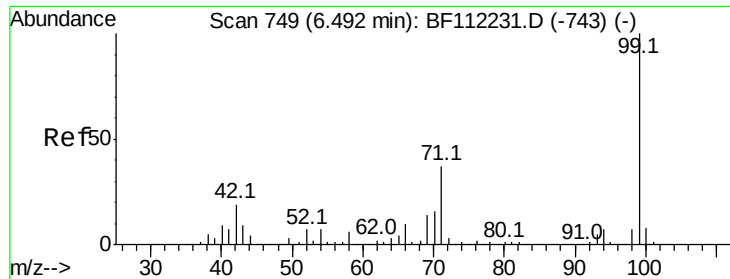
2-Fluorophenol
Concen: 120.055 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112532.D
Acq: 13 Feb 2019 12:05

Tgt Ion:112 Resp: 561397
Ion Ratio Lower Upper
112 100
64 52.7 45.7 68.5
63 29.3 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: 110.585 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112532.D

Acq: 13 Feb 2019 12:05

Instrument :

BNA_F

ClientSampleId :

M-11-S

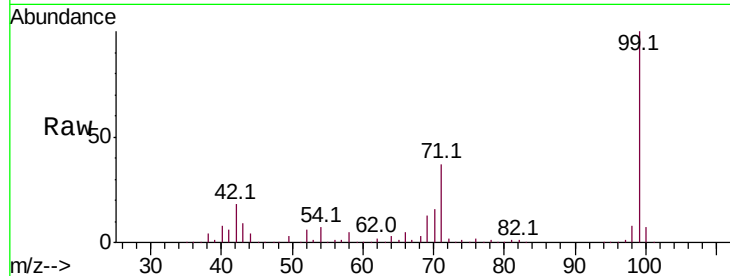
Tot Ion: 99 Resp: 718556

Ion Ratio Lower Upper

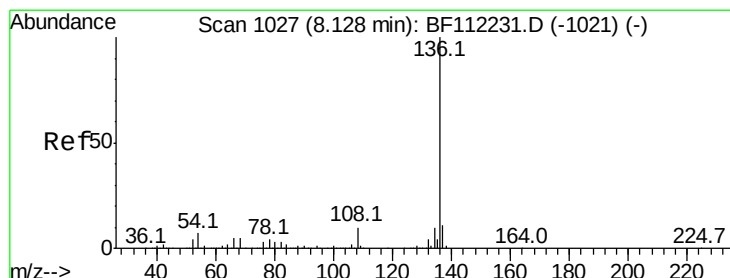
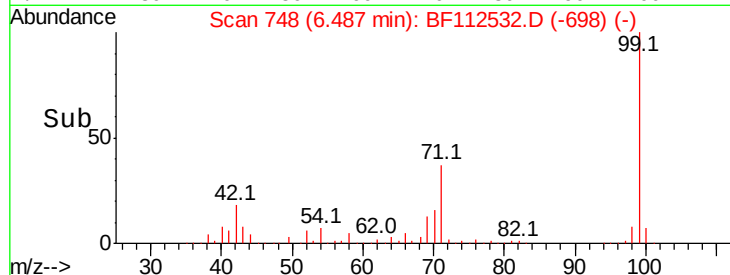
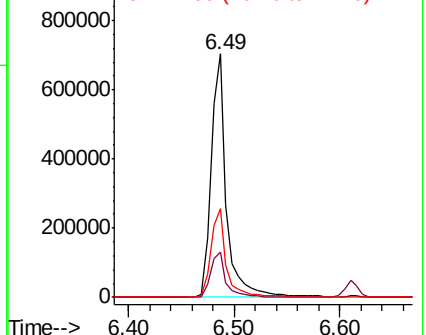
99 100

42 18.4 15.1 22.7

71 36.6 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: BF112532.D

Acq: 13 Feb 2019 12:05

Tgt Ion: 136 Resp: 395621

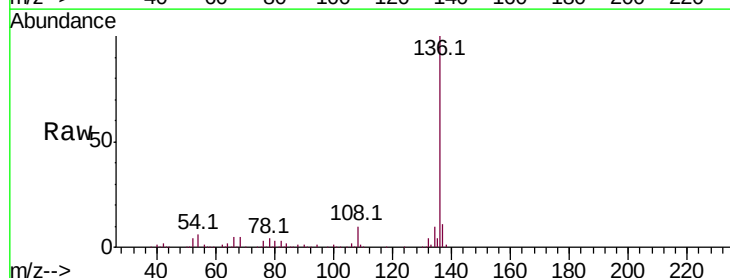
Ion Ratio Lower Upper

136 100

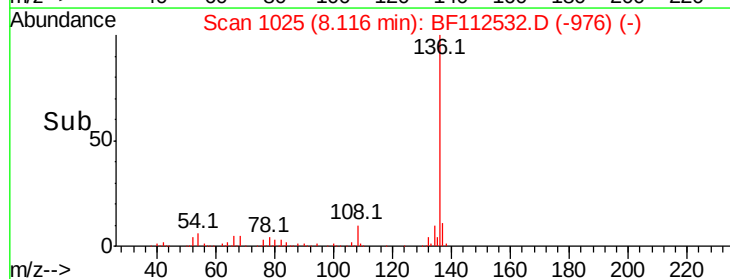
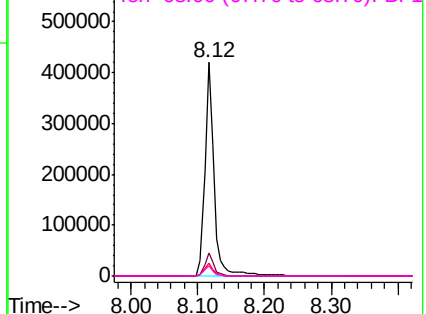
137 10.6 9.1 13.7

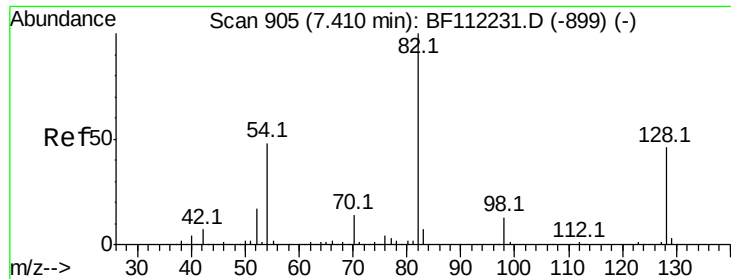
54 6.0 5.9 8.9

68 4.7 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

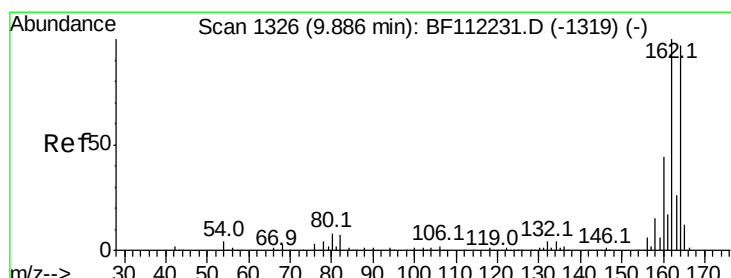
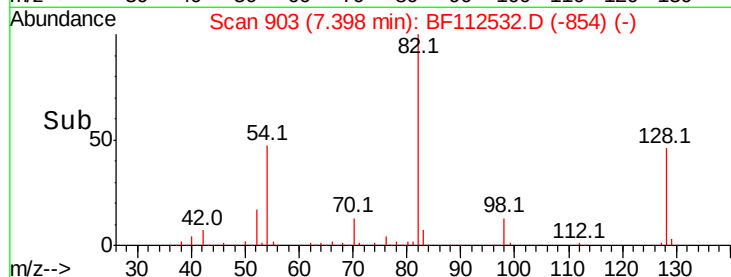
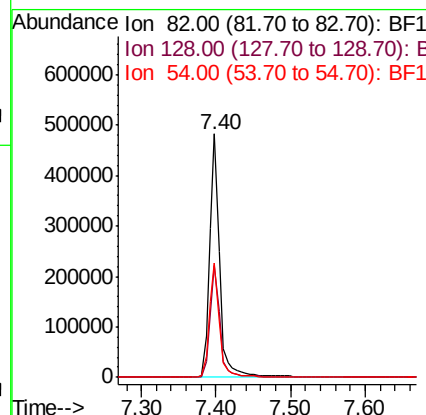
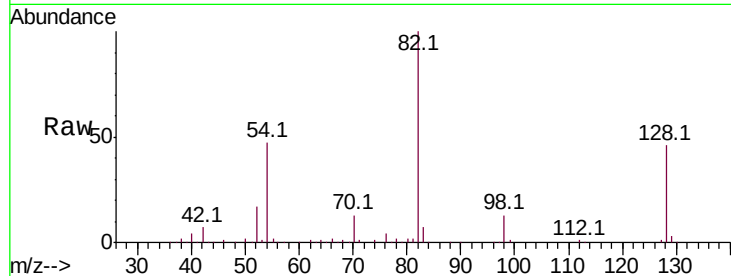




#23
 Nitrobenzene-d5
 Concen: 66.944 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112532.D
 Acq: 13 Feb 2019 12:05

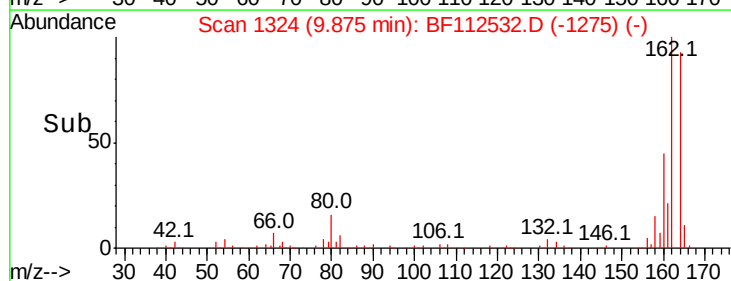
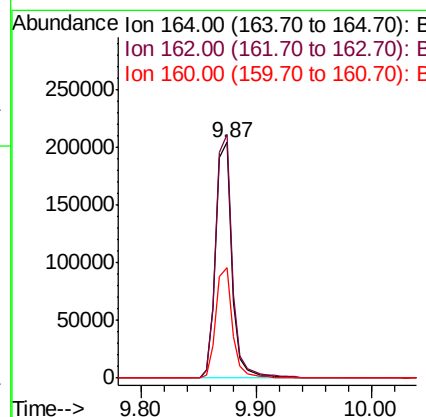
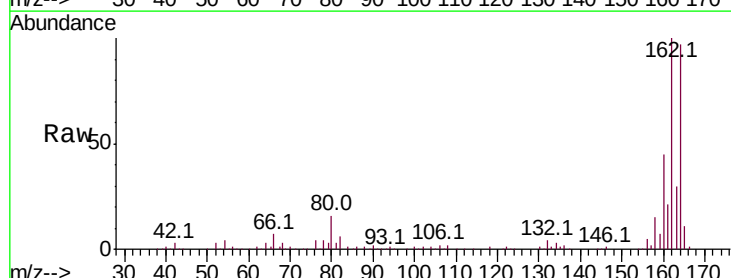
Instrument :
 BNA_F
 ClientSampleId :
 M-11-S

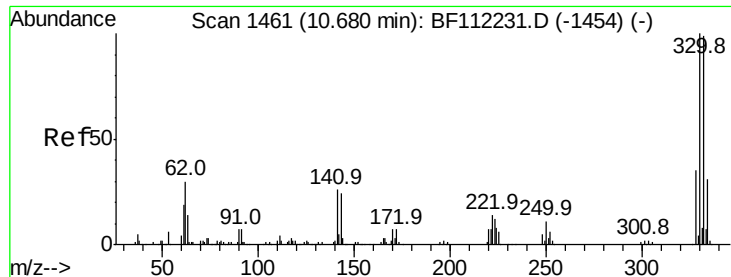
Tot Ion	82	Resp	459645
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.8	56.8
54	47.0	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112532.D
 Acq: 13 Feb 2019 12:05

Tgt Ion	164	Resp	201352
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.2	123.4
160	46.8	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 97.111 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112532.D

Acq: 13 Feb 2019 12:05

Instrument :

BNA_F

ClientSampleId :

M-11-S

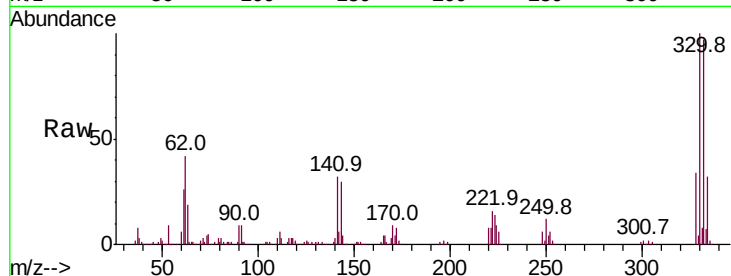
Tot Ion:330 Resp: 227597

Ion Ratio Lower Upper

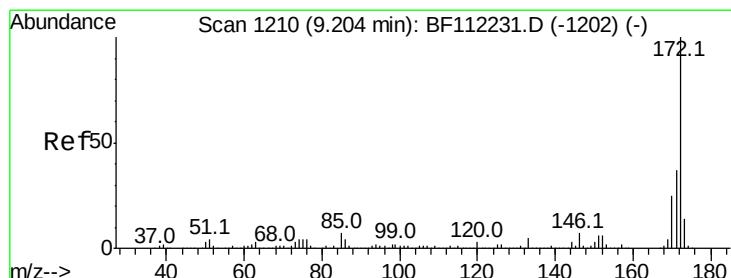
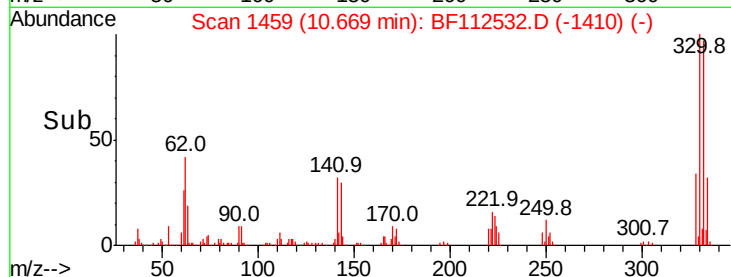
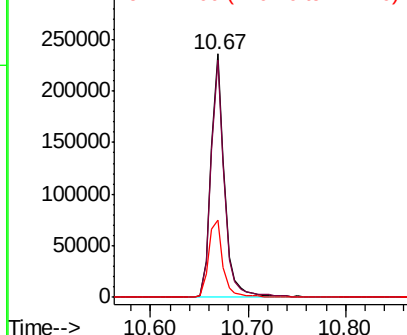
330 100

332 96.5 76.6 114.8

141 34.1 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: 66.618 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112532.D

Acq: 13 Feb 2019 12:05

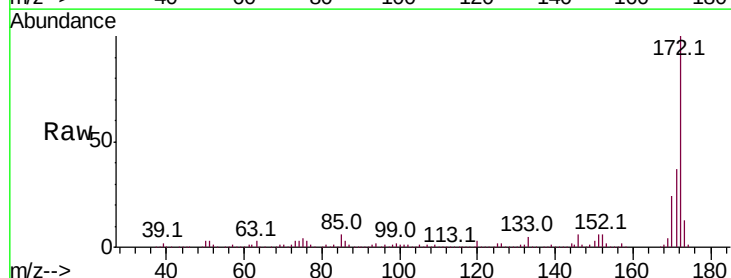
Tgt Ion:172 Resp: 948405

Ion Ratio Lower Upper

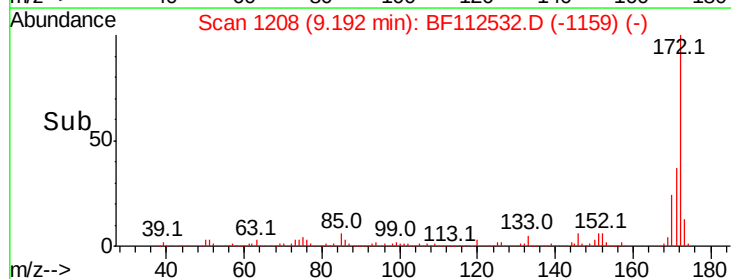
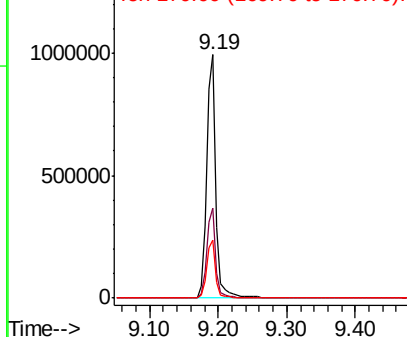
172 100

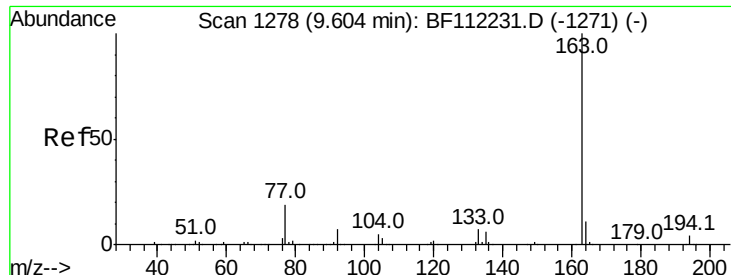
171 36.8 30.5 45.7

170 23.8 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





#50

Dimethylphthalate

Concen: 5.144 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112532.D

Acq: 13 Feb 2019 12:05

Instrument :

BNA_F

ClientSampleId :

M-11-S

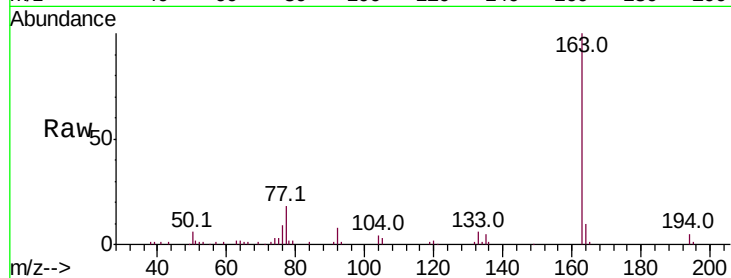
Tot Ion:163 Resp: 80472

Ion Ratio Lower Upper

163 100

194 4.8 3.3 4.9

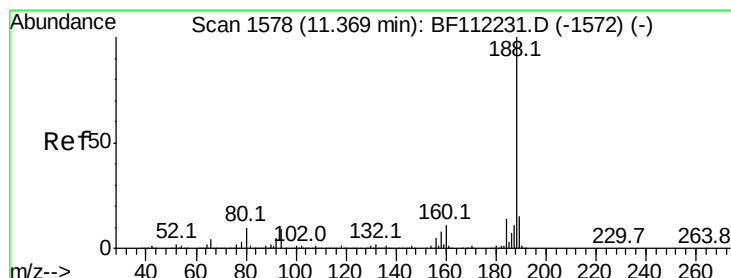
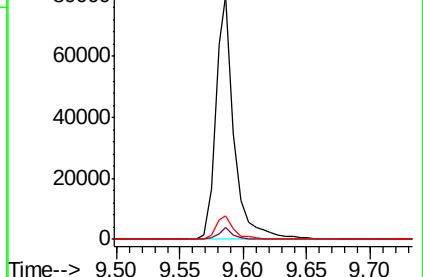
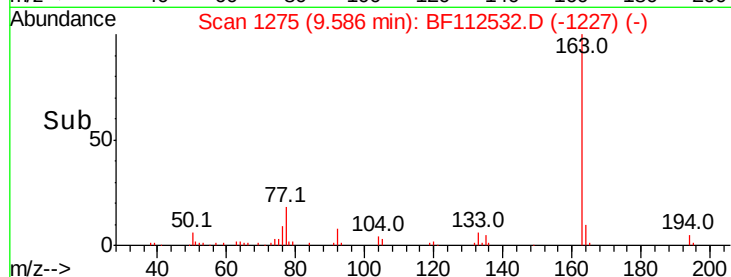
164 9.5 8.5 12.7



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: BF112532.D

Acq: 13 Feb 2019 12:05

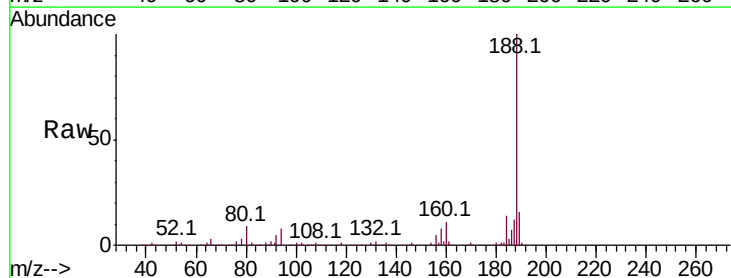
Tgt Ion:188 Resp: 381373

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

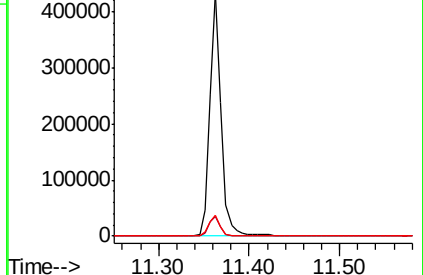
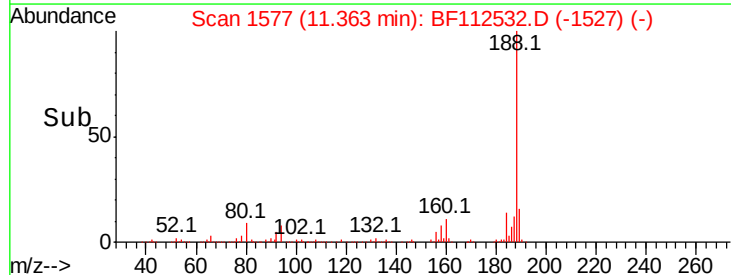
80 8.8 8.9 13.3#

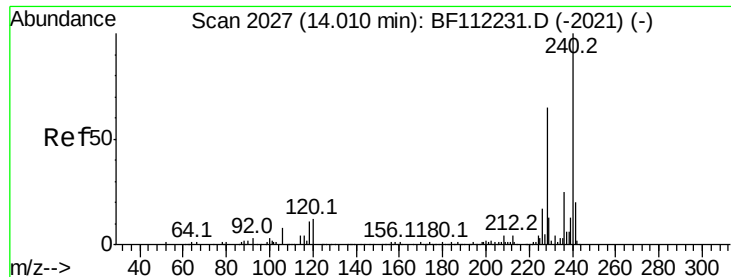


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

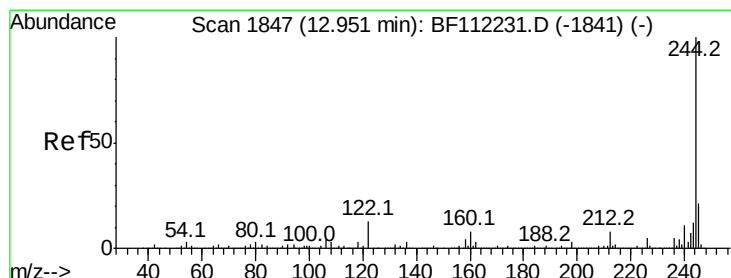
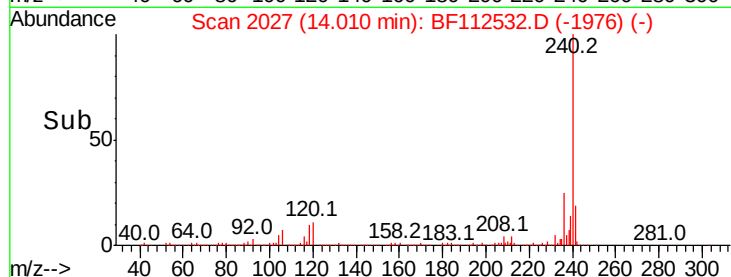
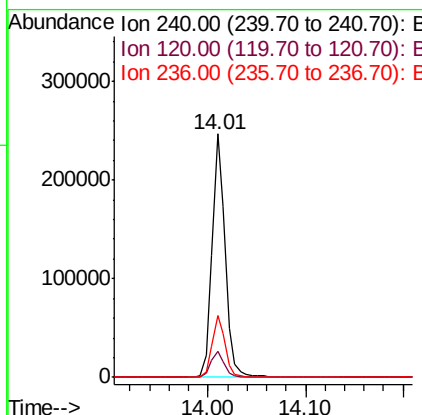
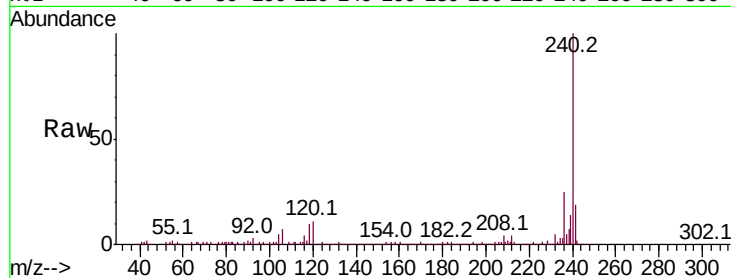




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112532.D
Acq: 13 Feb 2019 12:05

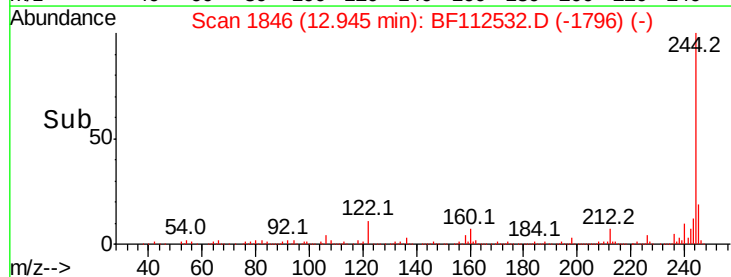
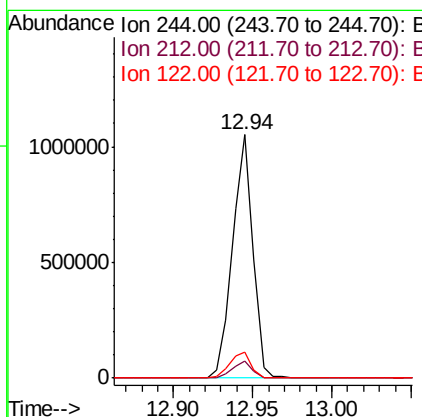
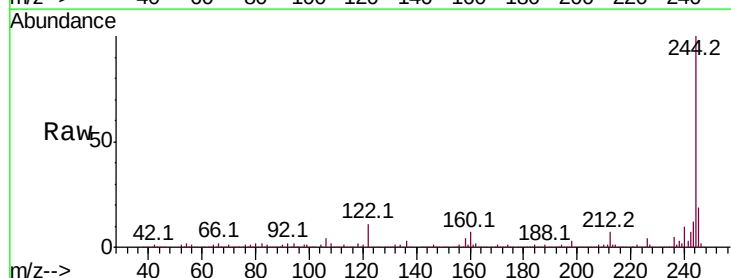
Instrument :
BNA_F
ClientSampleId :
M-11-S

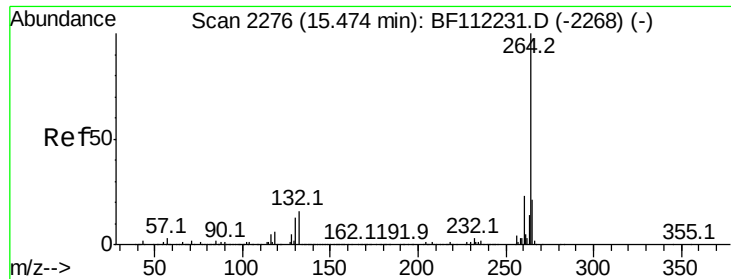
Tot Ion:240 Resp: 230049
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 76.727 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112532.D
Acq: 13 Feb 2019 12:05

Tgt Ion:244 Resp: 937167
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.7 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112532.D
Acq: 13 Feb 2019 12:05

Instrument :
BNA_F
ClientSampleId :
M-11-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.3	17.0	25.4

