

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112331.D
 Acq On : 30 Jan 2019 19:39
 Operator : JU/SJ
 Sample : K1282-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jan 31 00:43:04 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	6.84	152	139271	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	506667	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	213485	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	352678	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	332995	20.00	ng	-0.01
87) Perylene-d12	15.47	264	340388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	958221	146.14	ng	0.00
7) Phenol-d6	6.49	99	1063647	116.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	787534	89.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	311175	125.23	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1510222	100.05	ng	-0.01
79) Terphenyl-d14	12.94	244	1342589	75.94	ng	0.00

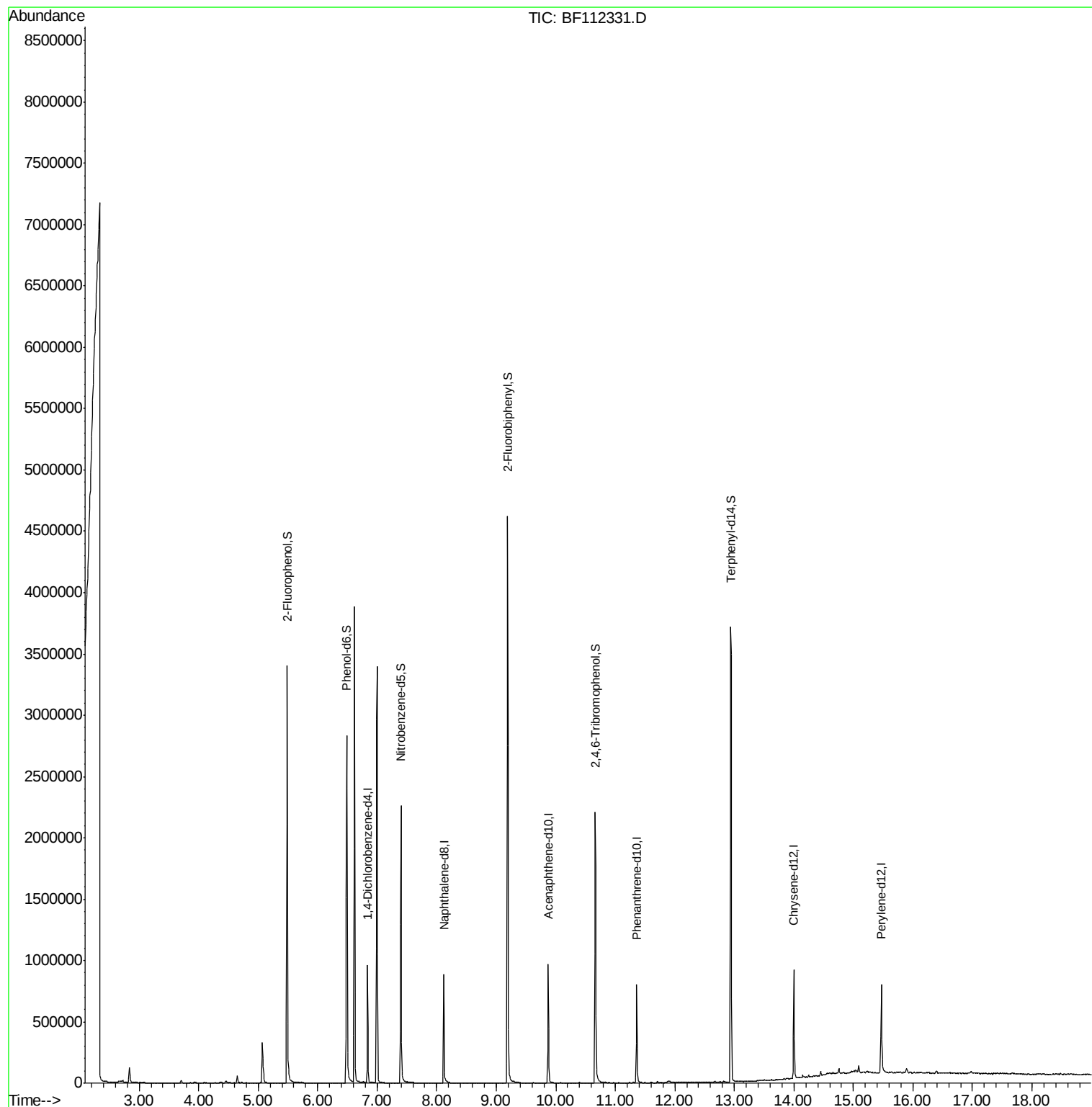
Target Compounds Qvalue

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

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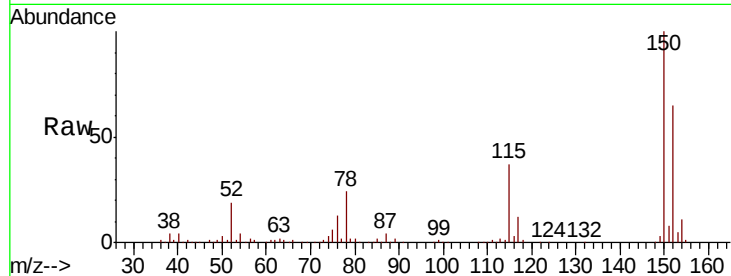


#1

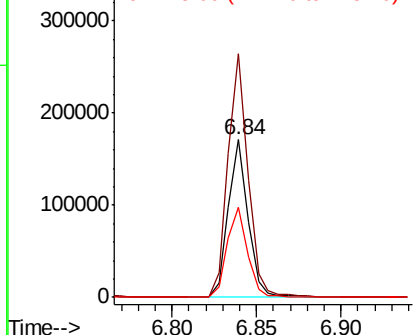
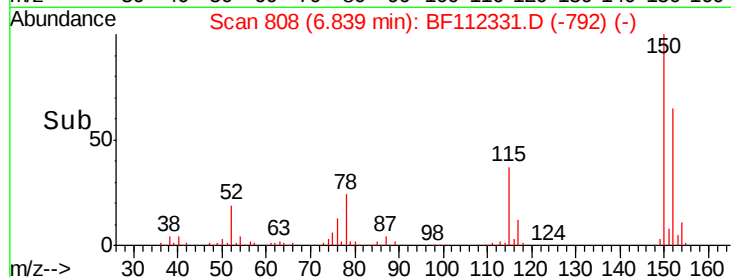
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:152 Resp: 139271
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 57.3 45.5 68.3



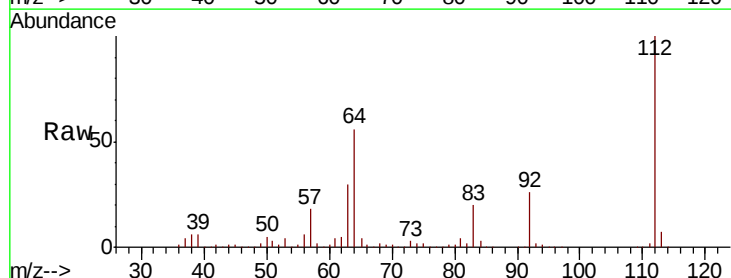
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



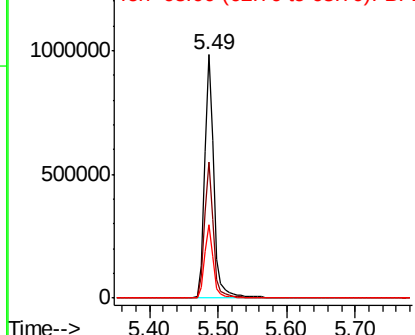
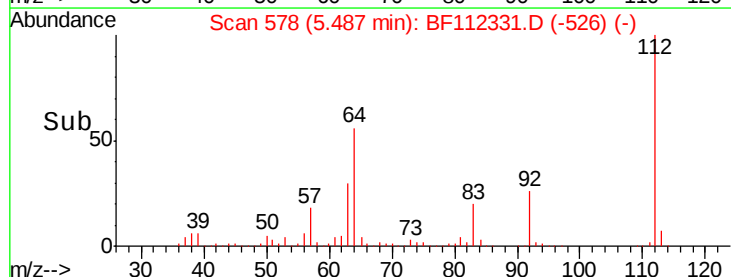
#5

2-Fluorophenol
Concen: 146.141 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

Tgt Ion:112 Resp: 958221
Ion Ratio Lower Upper
112 100
64 56.1 45.7 68.5
63 30.4 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: 116.743 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112331.D

Acq: 30 Jan 2019 19:39

Instrument :

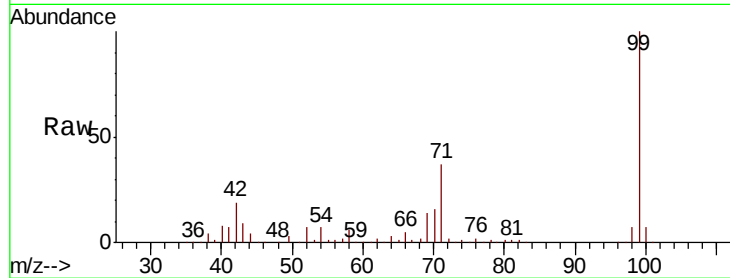
BNA_F

ClientSampleId :

TP-3

Tot Ion: 99 Resp: 1063647

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	36.8	26.9	40.3

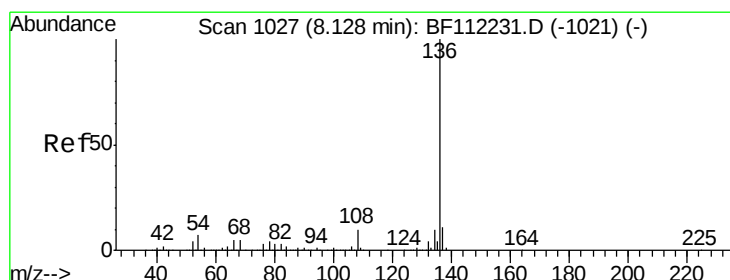
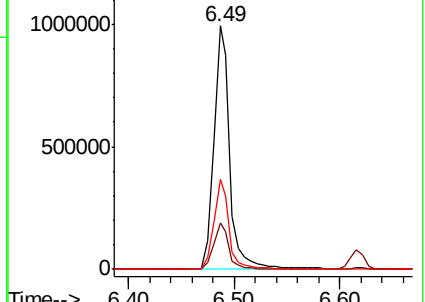
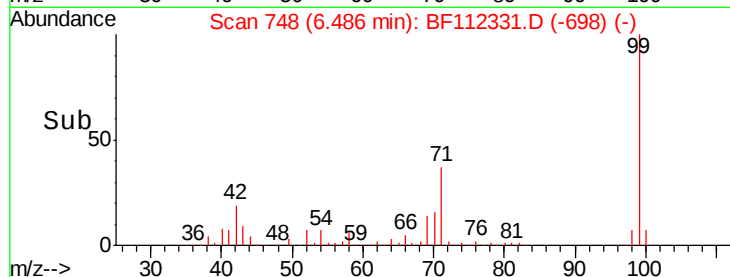


Abundance

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# 1026

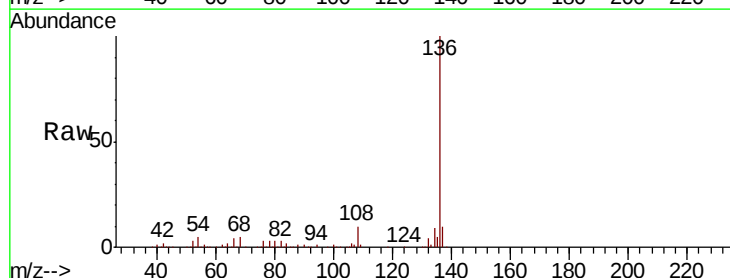
Delta R.T. -0.01 min

Lab File: BF112331.D

Acq: 30 Jan 2019 19:39

Tgt Ion: 136 Resp: 506667

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.5	5.9	8.9#
68	4.5	5.1	7.7#



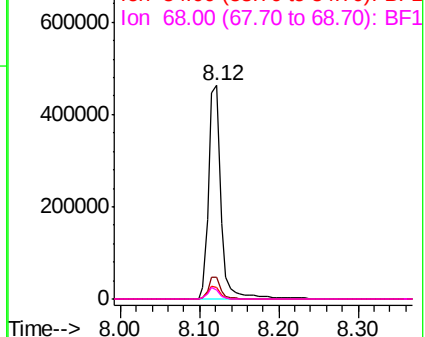
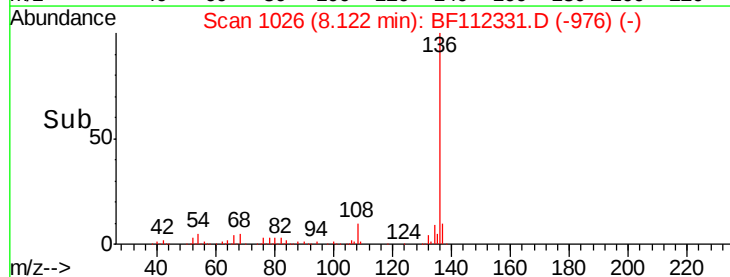
Abundance

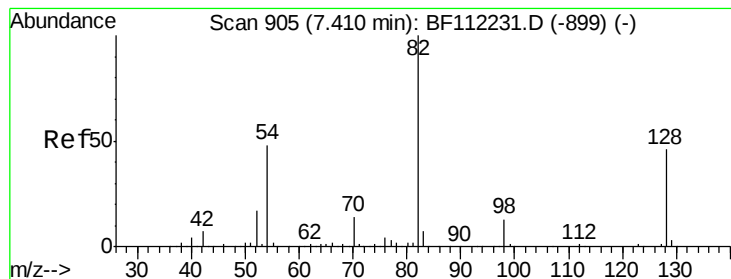
Ion 136.00 (135.70 to 136.70): E

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: 89.561 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112331.D

Acq: 30 Jan 2019 19:39

Instrument :

BNA_F

ClientSampleId :

TP-3

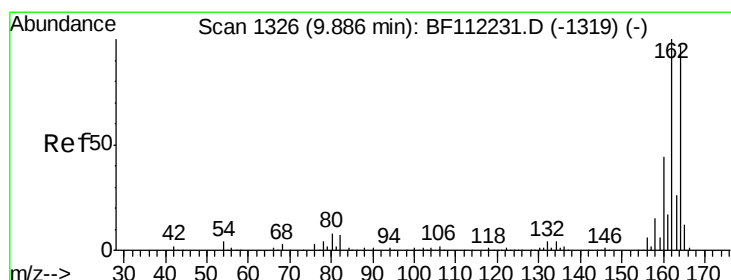
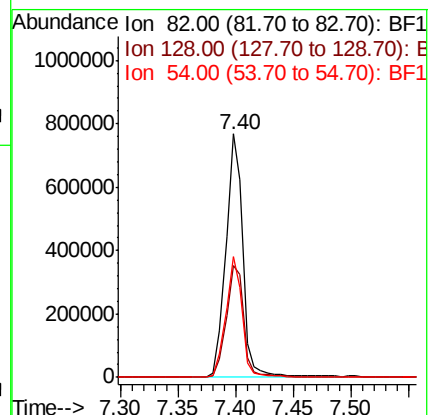
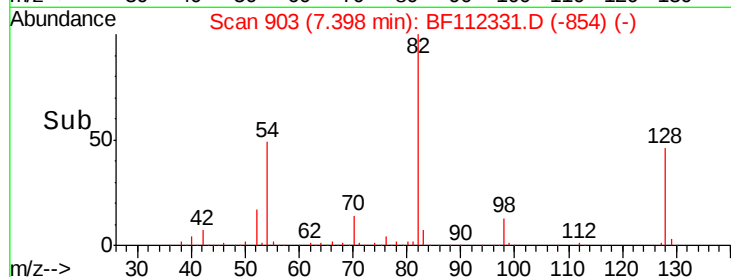
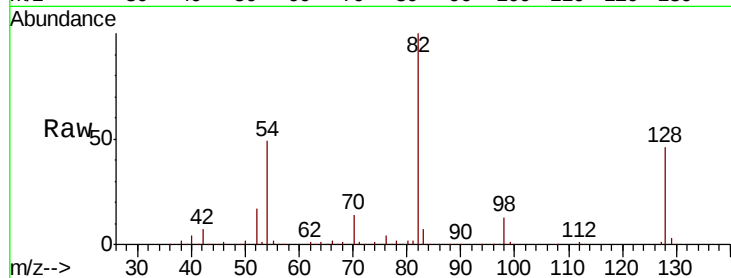
Tot Ion: 82 Resp: 787534

Ion Ratio Lower Upper

82 100

128 45.9 37.8 56.8

54 49.4 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: BF112331.D

Acq: 30 Jan 2019 19:39

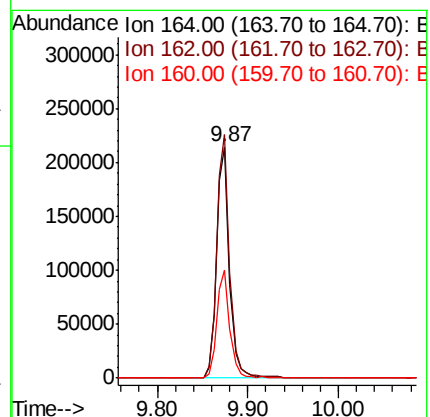
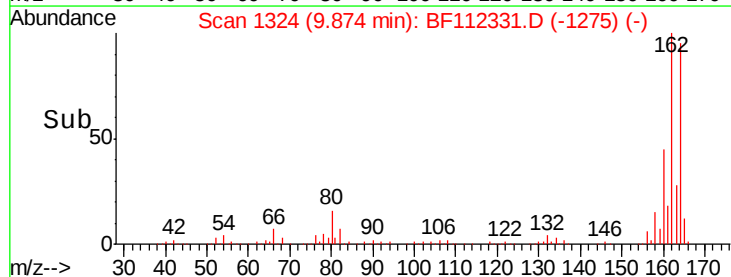
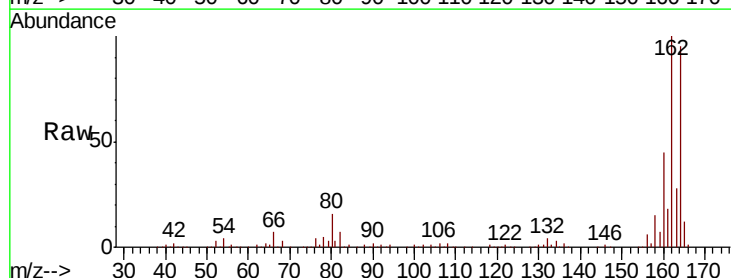
Tgt Ion:164 Resp: 213485

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.4

160 46.9 36.2 54.4

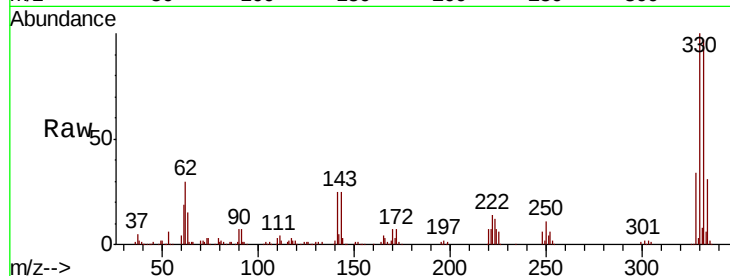




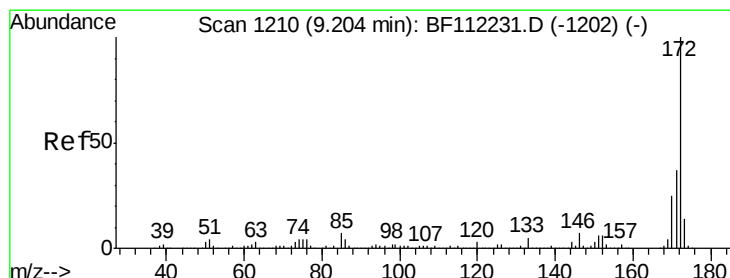
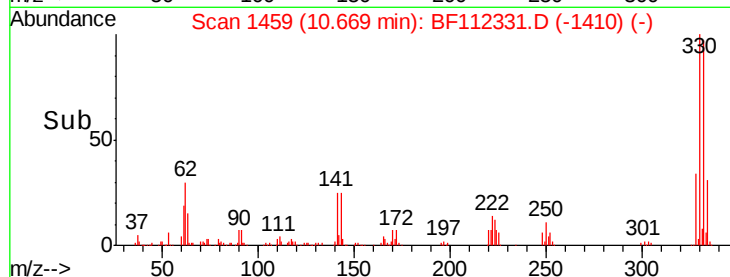
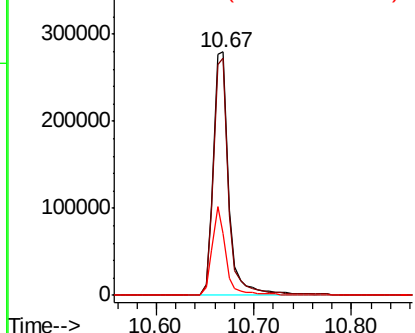
#42
 2,4,6-Tribromophenol
 Concen: 125.226 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112331.D
 Acq: 30 Jan 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	32.7	24.3	36.5

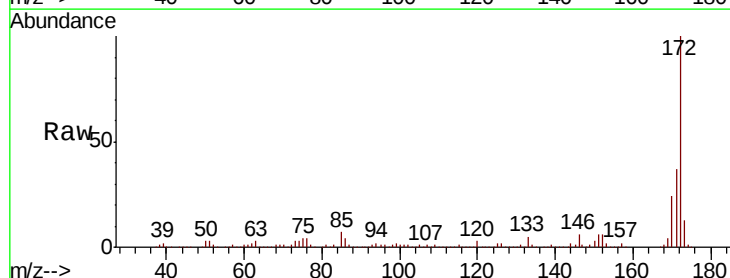


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

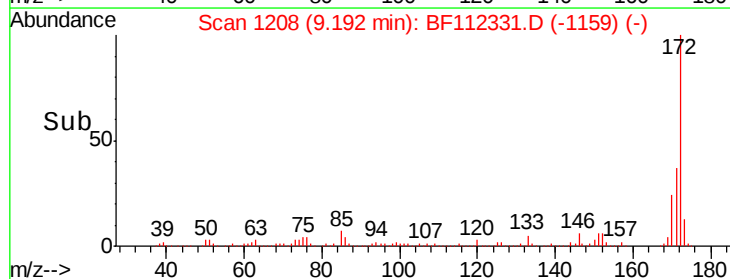
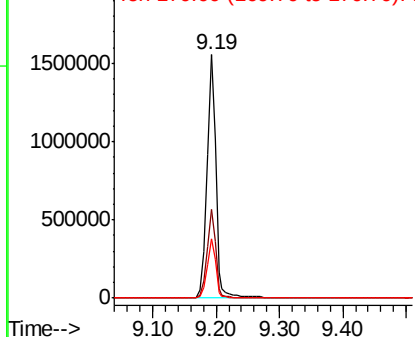


#45
 2-Fluorobiphenyl
 Concen: 100.052 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112331.D
 Acq: 30 Jan 2019 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.4	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

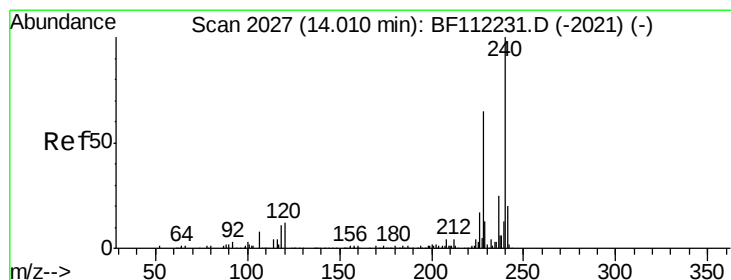
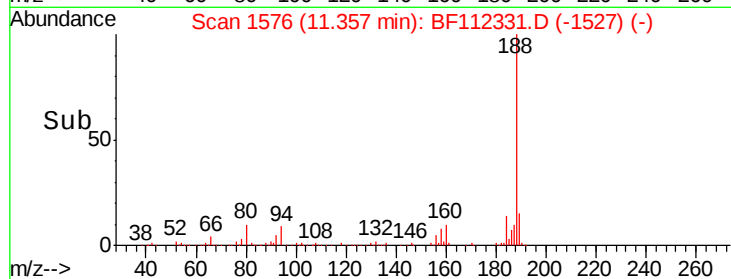
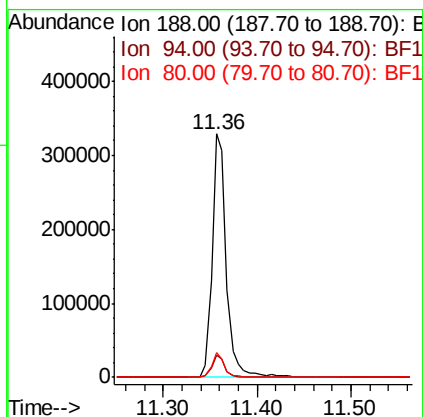
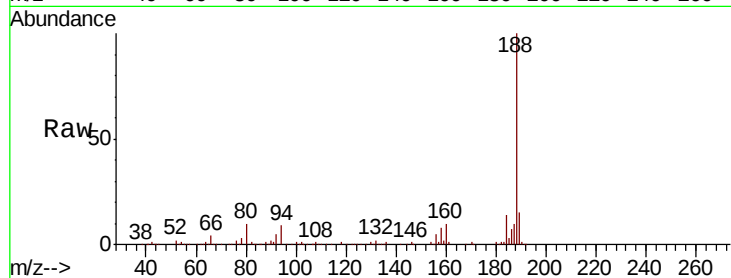




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

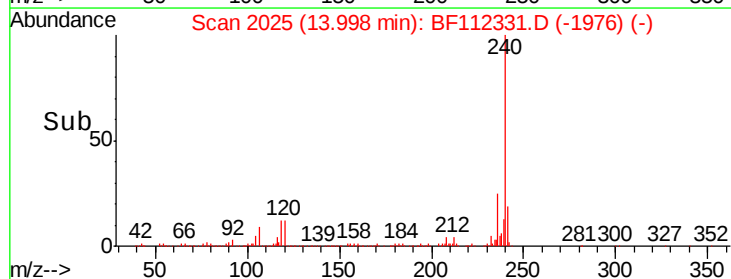
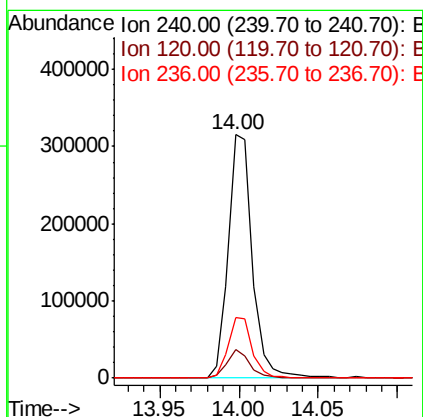
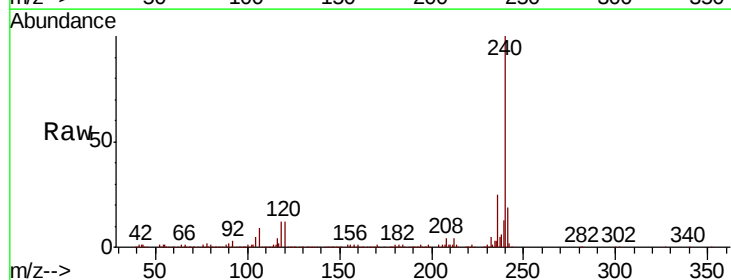
Instrument :
BNA_F
ClientSampleId :
TP-3

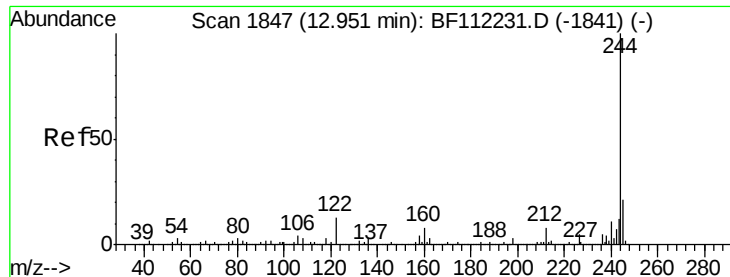
Tot Ion:188 Resp: 352678
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

Tgt Ion:240 Resp: 332995
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 24.8 20.7 31.1





#79

Terphenyl-d14

Concen: 75.938 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112331.D

Acq: 30 Jan 2019 19:39

Instrument :

BNA_F

ClientSampleId :

TP-3

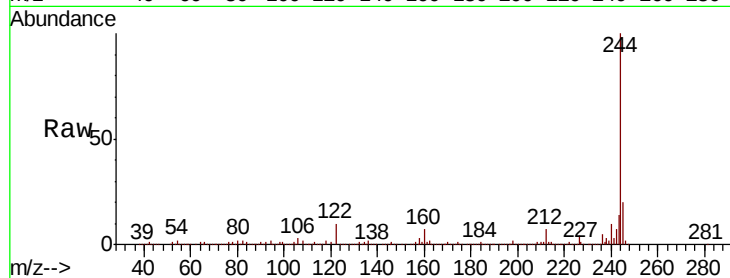
Tot Ion:244 Resp: 1342589

Ion Ratio Lower Upper

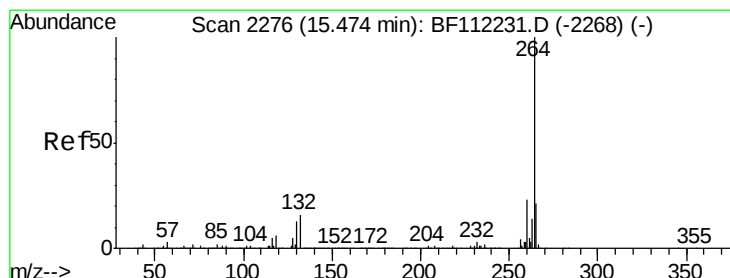
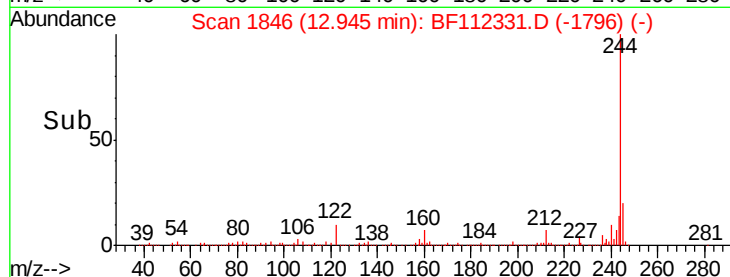
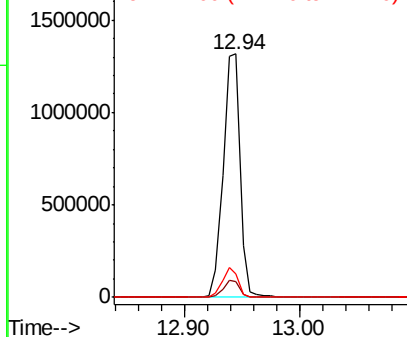
244 100

212 6.7 5.9 8.9

122 9.7 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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112331.D

Acq: 30 Jan 2019 19:39

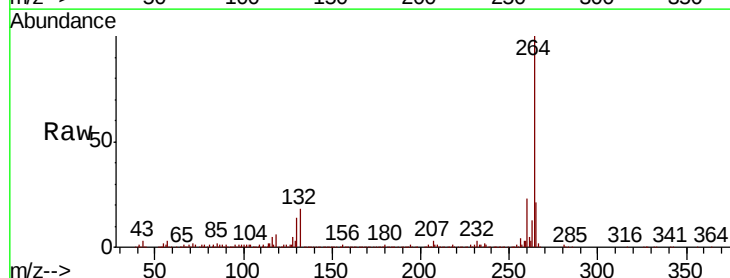
Tgt Ion:264 Resp: 340388

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 21.5 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

