

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 30 23:45:02 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

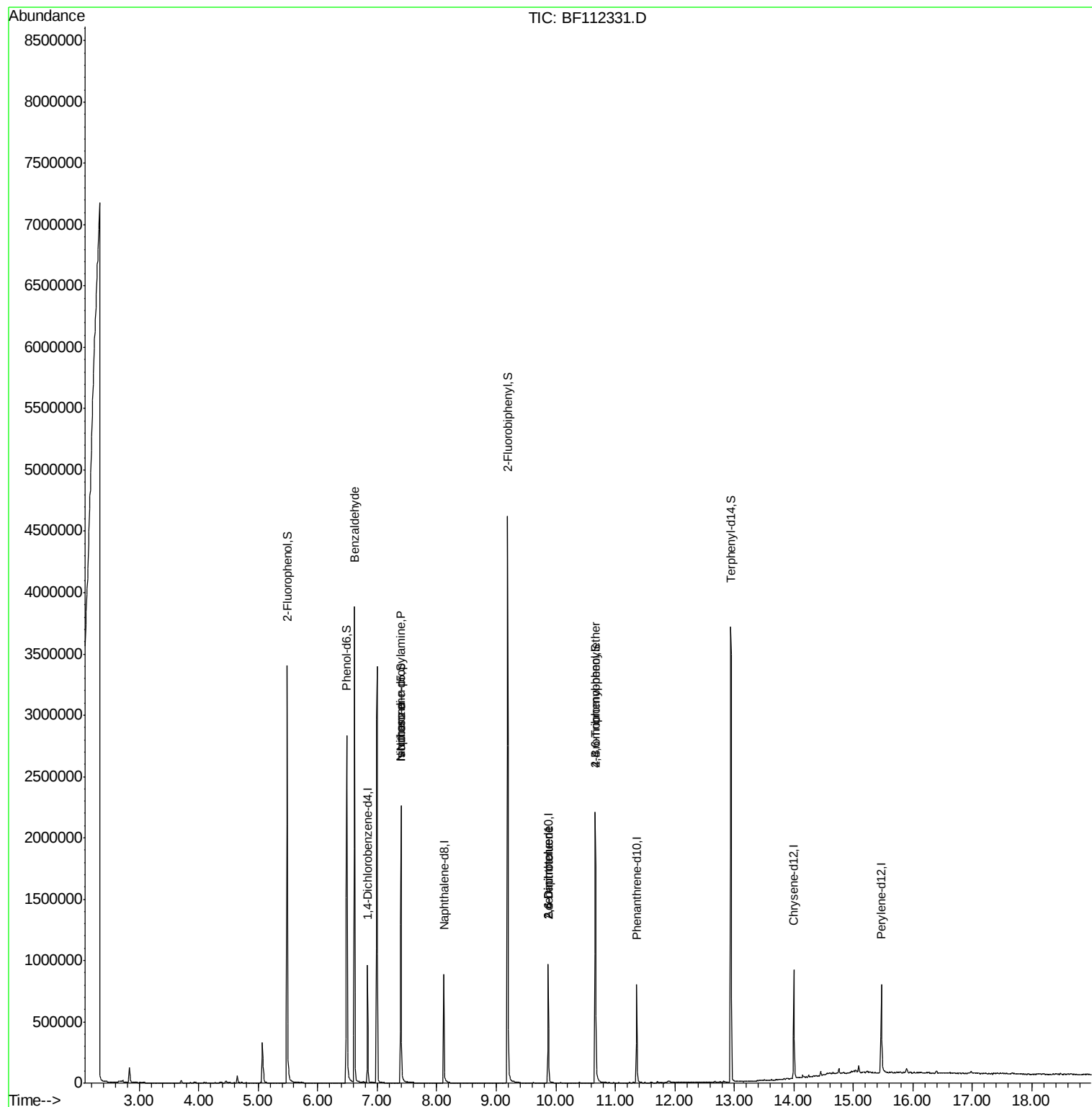
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	139271	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	506667	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	213485	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	352678	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	332995	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						
9) Benzaldehyde	6.62	77	24525	5.150	ng	85
19) n-Nitroso-di-n-propylamine	7.40	70	106824	17.004	ng	# 78
25) Isophorone	7.40	82	784593	56.876	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	26124	7.032	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	26124	5.524	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	18501	4.460	ng	# 1

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

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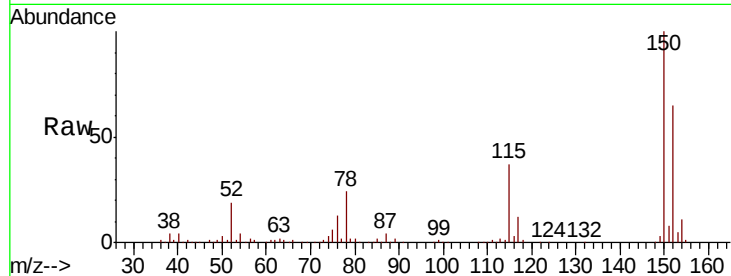


#1

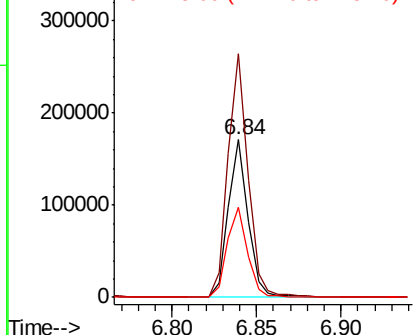
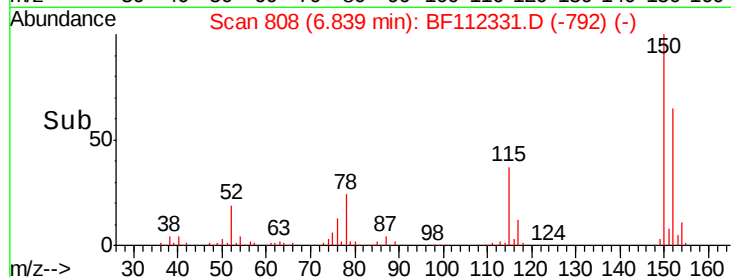
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

Instrument :
BNA_F
ClientSampleId :
TP-3

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



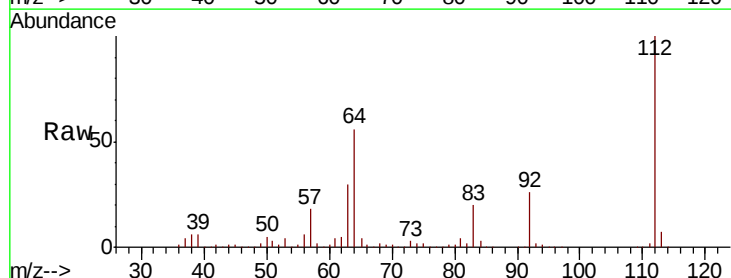
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



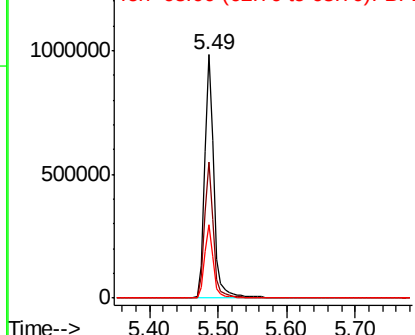
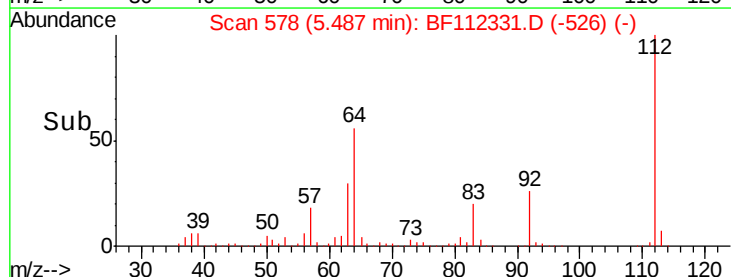
#5

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

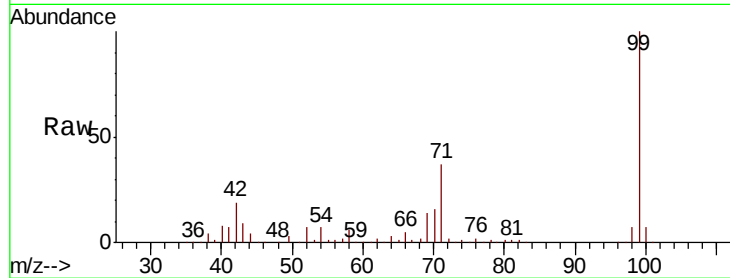
Tgt Ion: 99 Resp: 1063647

Ion Ratio Lower Upper

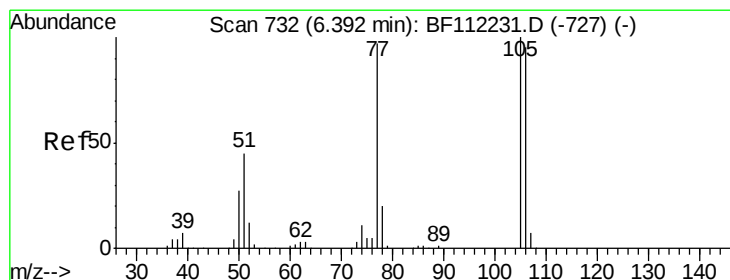
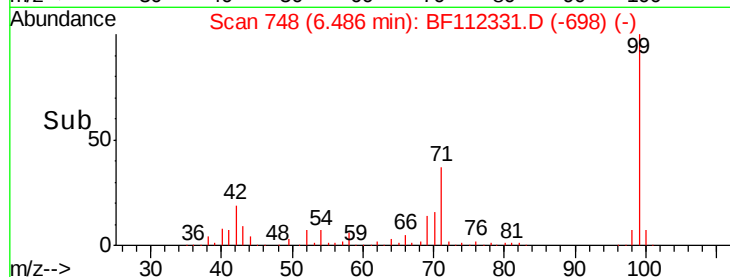
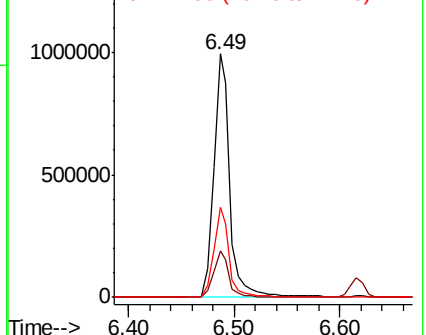
99 100

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



#9

Benzaldehyde

Concen: 5.150 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112331.D

Acq: 30 Jan 2019 19:39

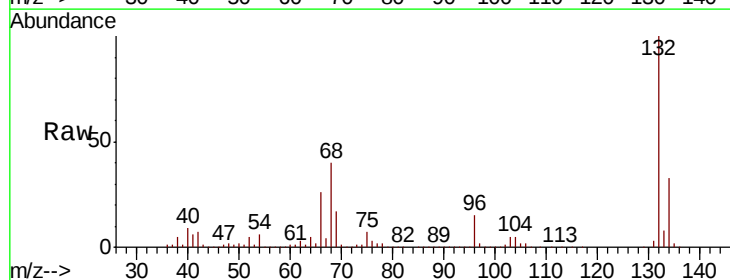
Tgt Ion: 77 Resp: 24525

Ion Ratio Lower Upper

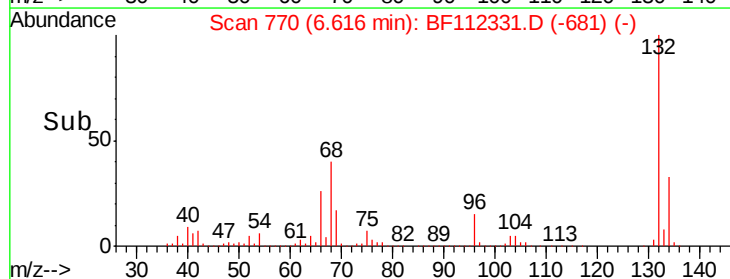
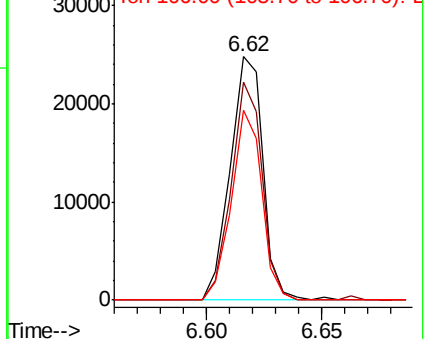
77 100

105 89.7 80.8 120.8

106 77.9 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

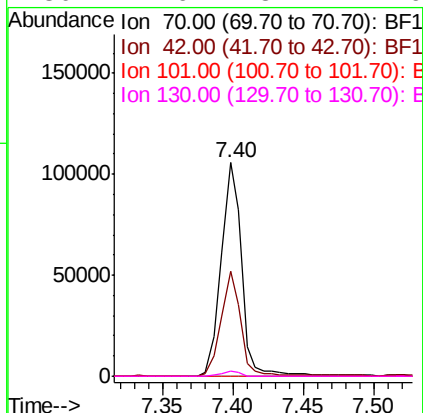
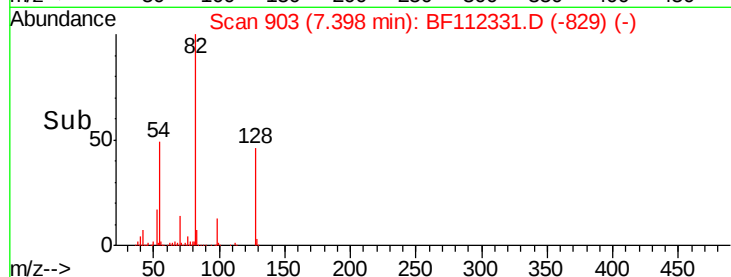
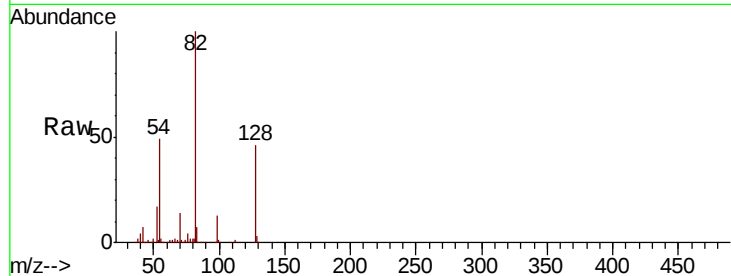




#19
n-Nitroso-di-n-propylamine
Concen: 17.004 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

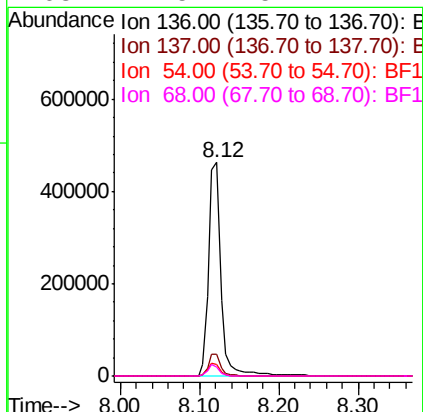
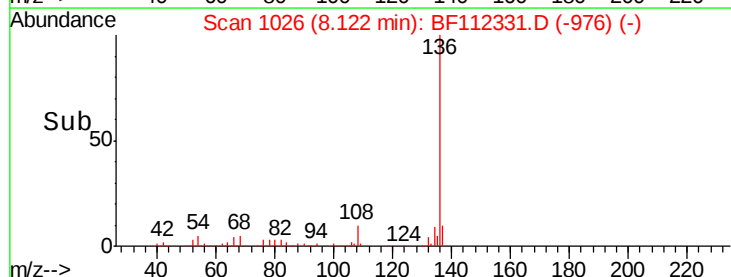
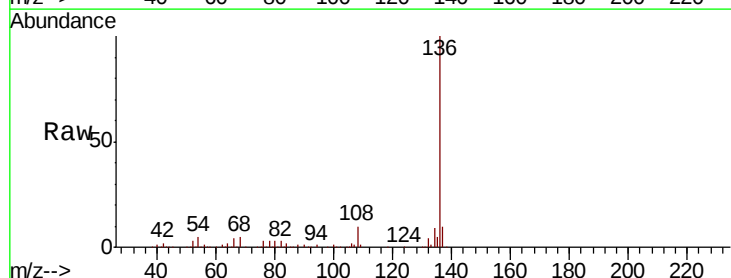
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.6	71.4
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#



#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	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#

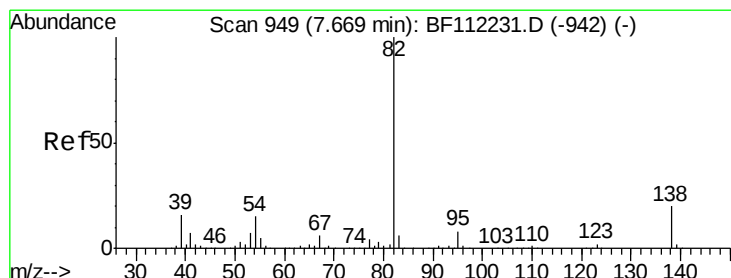
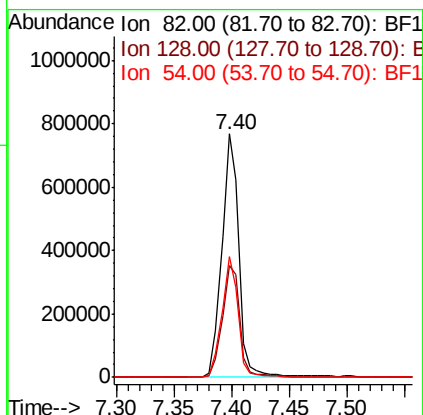
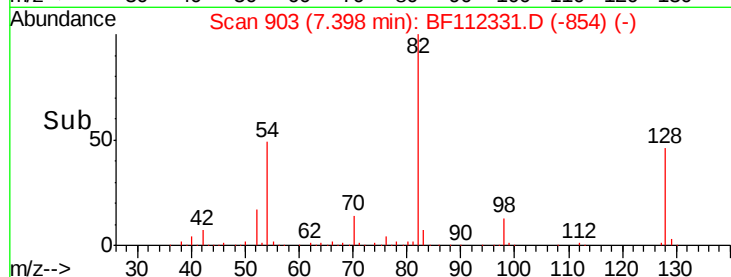
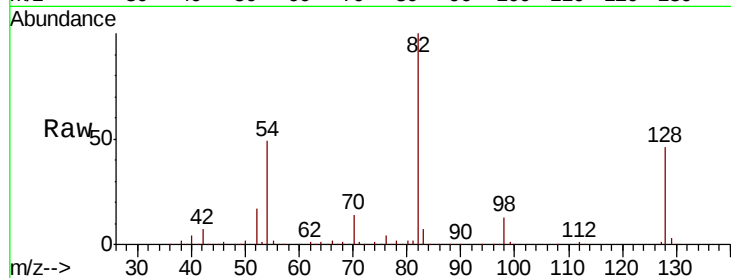




#23
Nitrobenzene-d5
Concen: 89.561 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

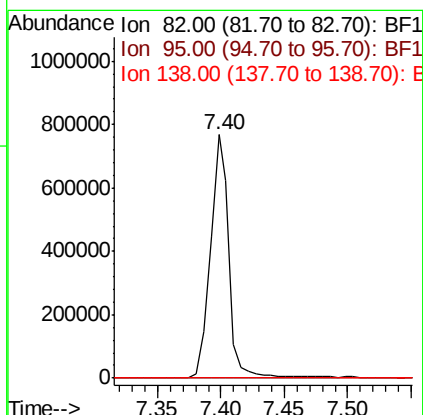
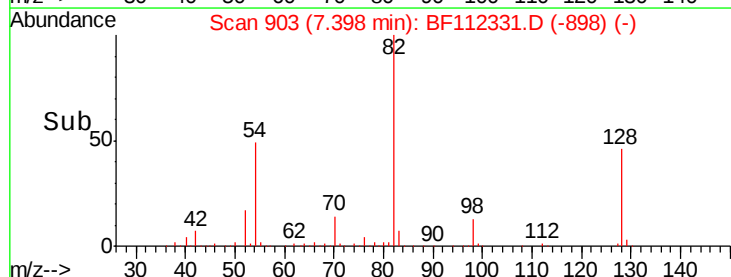
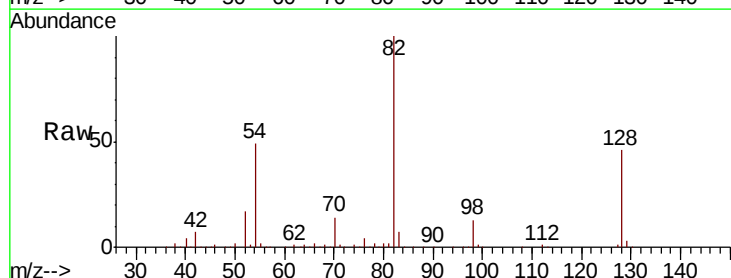
Instrument :
BNA_F
ClientSampleId :
TP-3

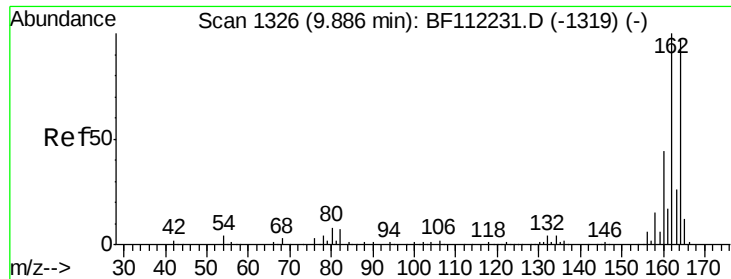
Tgt Ion: 82 Resp: 787534
Ion Ratio Lower Upper
82 100
128 45.9 37.8 56.8
54 49.4 39.7 59.5



#25
Isophorone
Concen: 56.876 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

Tgt Ion: 82 Resp: 784593
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#





#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

Instrument :

BNA_F

ClientSampleId :

TP-3

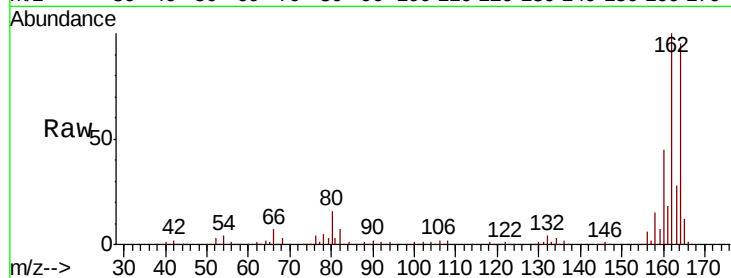
Tgt Ion:164 Resp: 213485

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.4

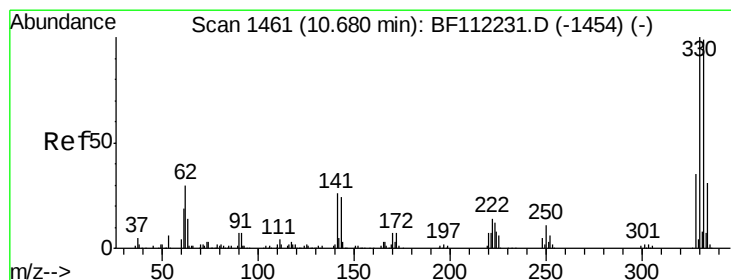
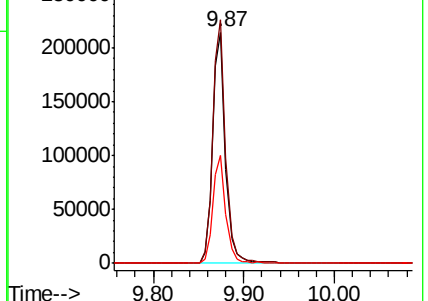
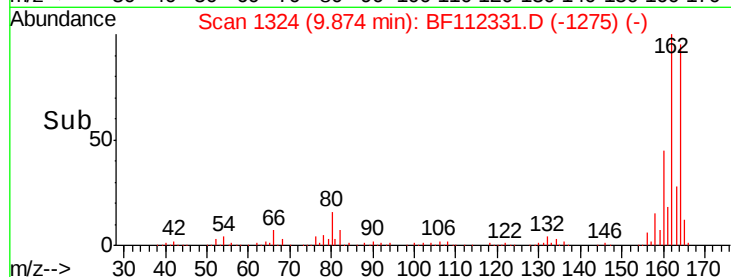
160 46.9 36.2 54.4



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: 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

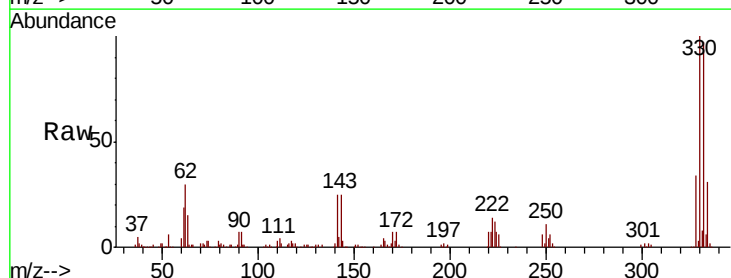
Tgt Ion:330 Resp: 311175

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

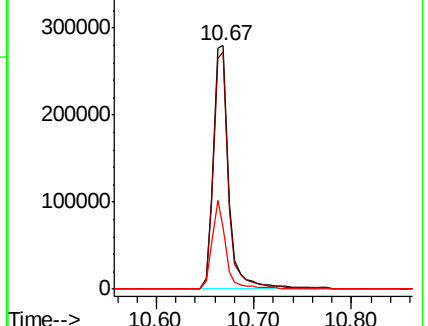
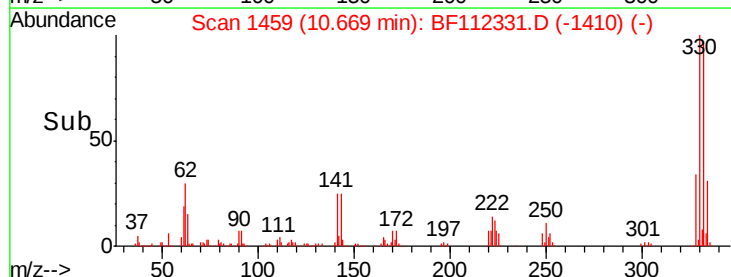
141 32.7 24.3 36.5



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

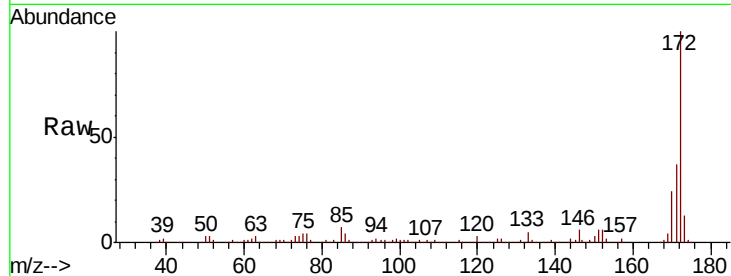




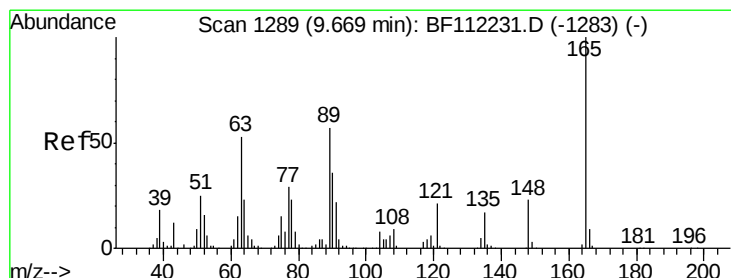
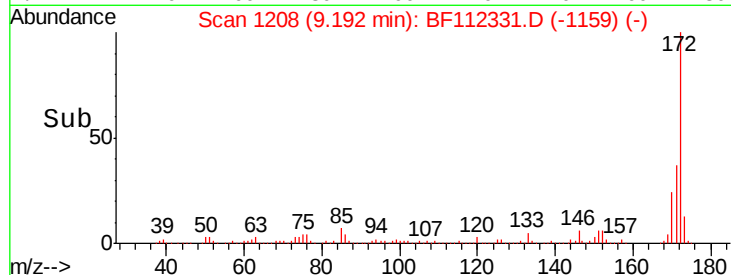
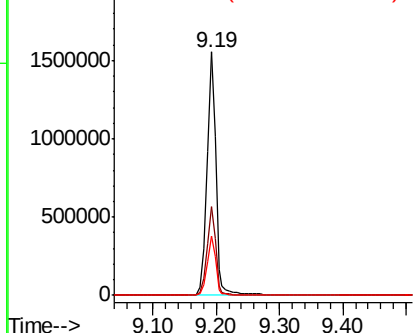
#45
 2-Fluorobiphenyl
 Concen: 100.052 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112331.D
 Acq: 30 Jan 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:172 Resp: 1510222
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.4 20.2 30.4

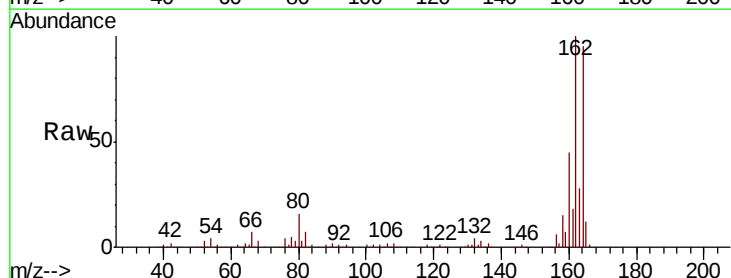


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

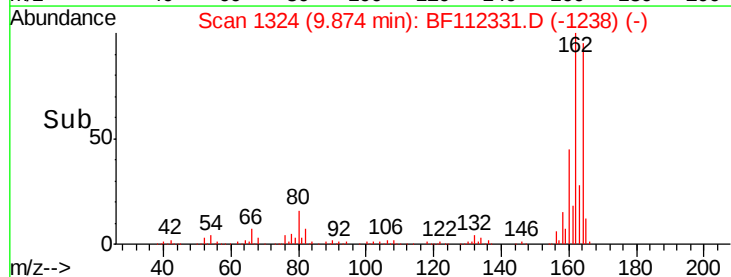
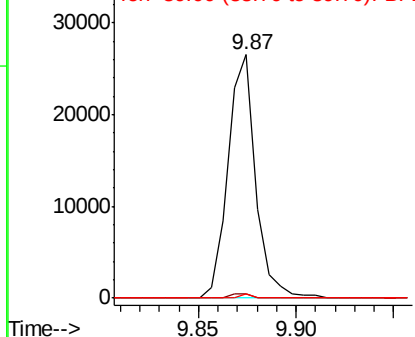


#51
 2,6-Dinitrotoluene
 Concen: 7.032 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112331.D
 Acq: 30 Jan 2019 19:39

Tgt Ion:165 Resp: 26124
 Ion Ratio Lower Upper
 165 100
 63 1.6 33.8 50.8#
 89 1.8 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

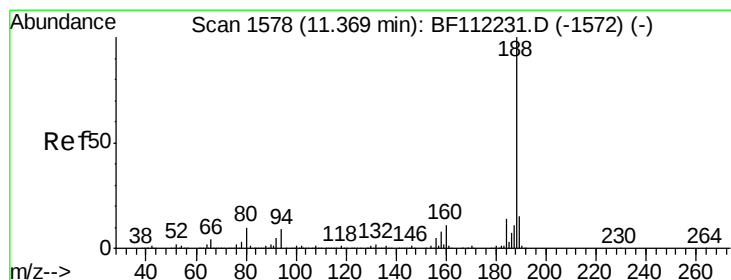
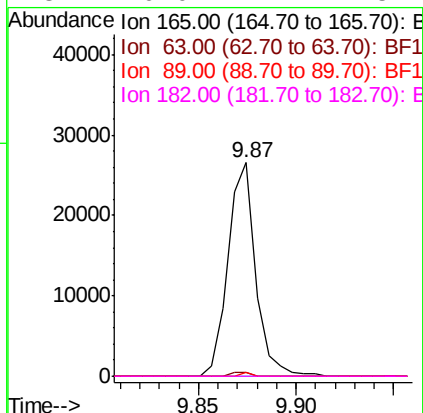
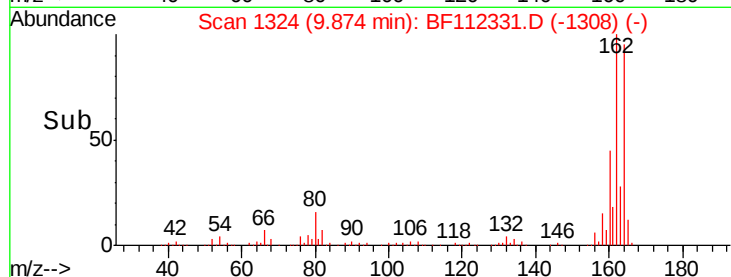
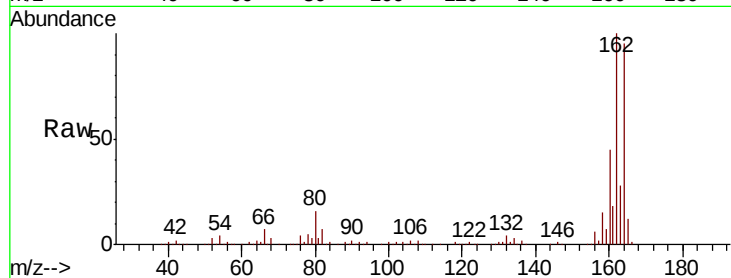




#57
2,4-Dinitrotoluene
Concen: 5.524 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112331.D
Acq: 30 Jan 2019 19:39

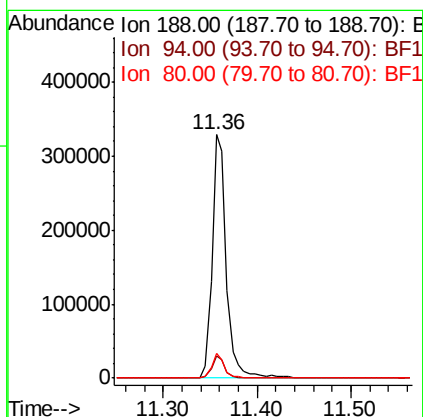
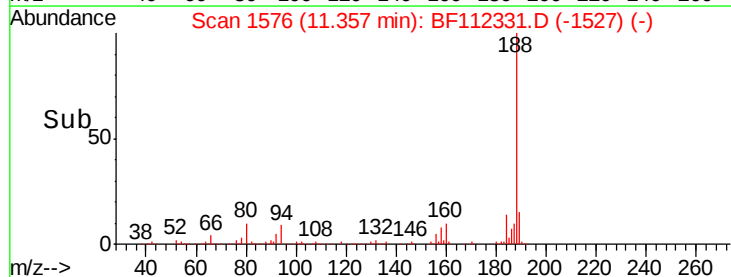
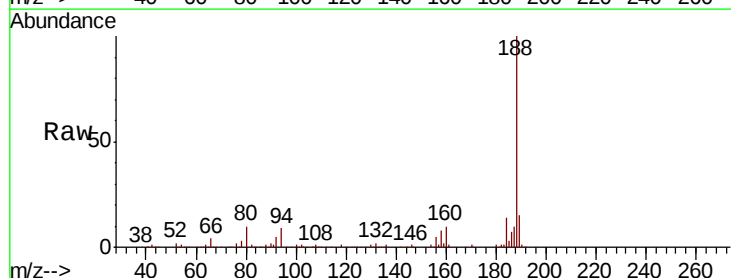
Instrument :
BNA_F
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TP-3

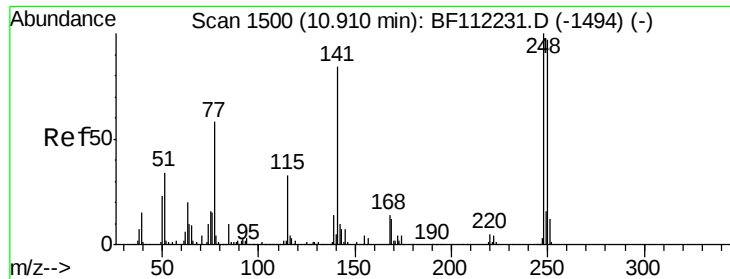
Tgt Ion:	165	Resp:	26124
Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#



#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

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

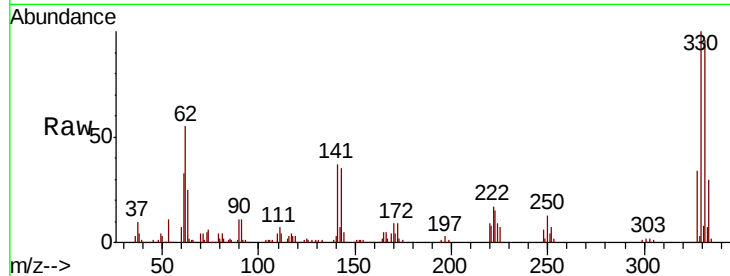




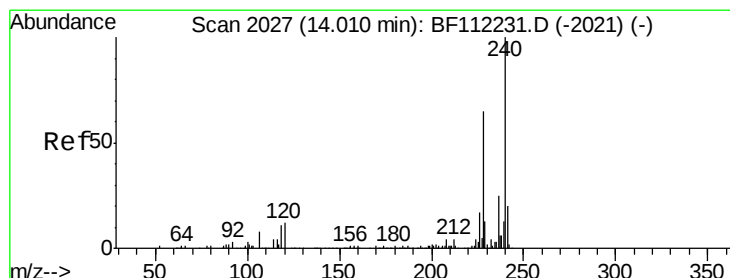
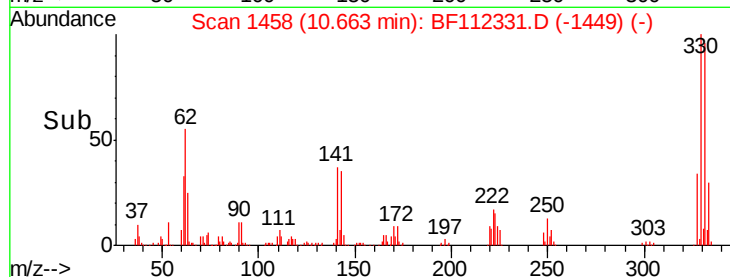
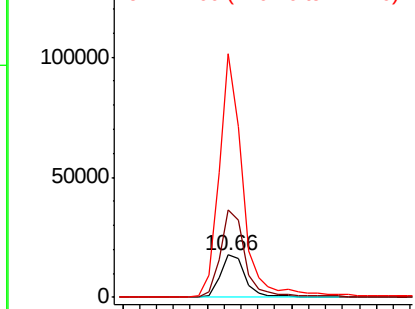
#67
 4-Bromophenyl-phenylether
 Concen: 4.460 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112331.D
 Acq: 30 Jan 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:248 Resp: 18501
 Ion Ratio Lower Upper
 248 100
 250 205.8 79.7 119.5#
 141 573.1 60.3 90.5#

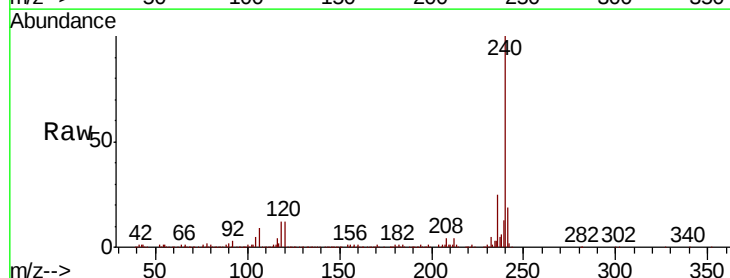


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

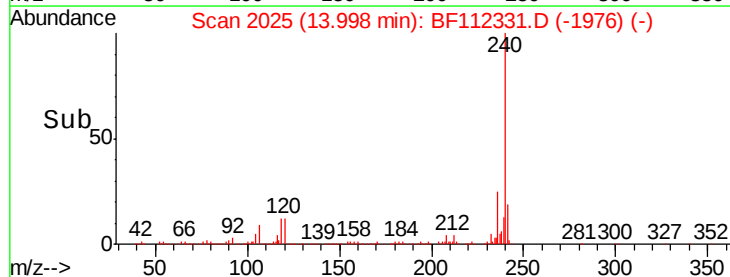
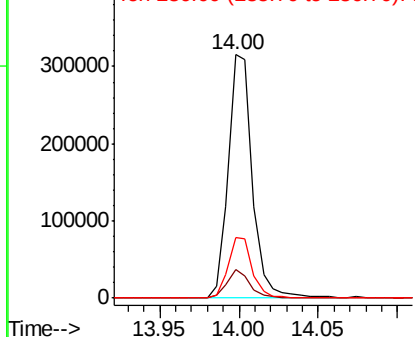


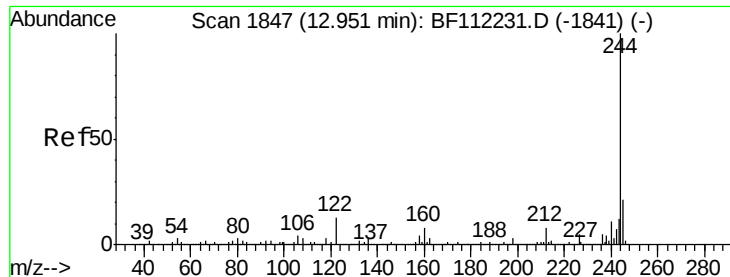
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112331.D
 Acq: 30 Jan 2019 19:39

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



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#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

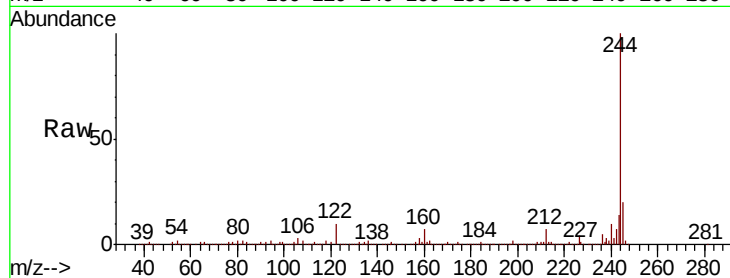
Tgt Ion:244 Resp: 1342589

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

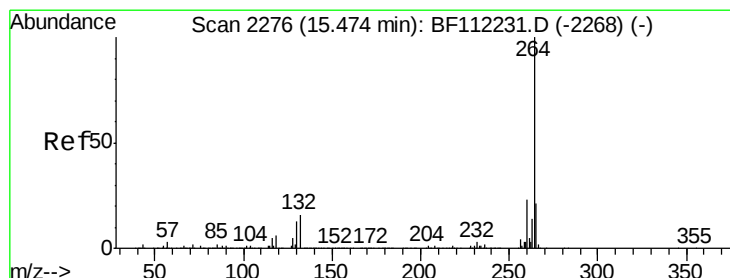
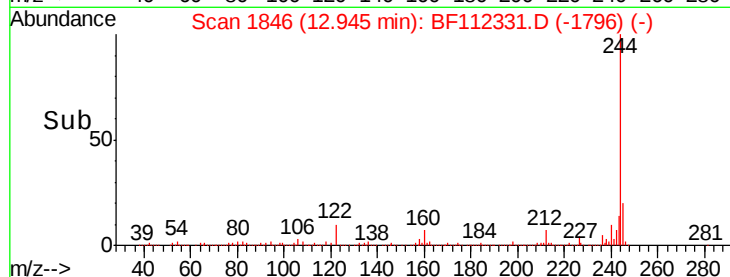
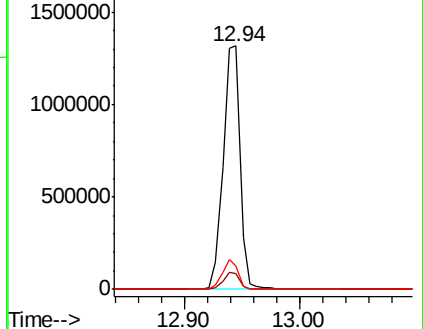
122 9.7 9.8 14.6#



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

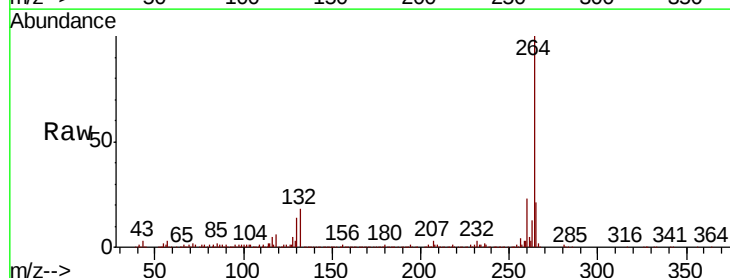
Tgt Ion:264 Resp: 340388

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

