

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
 Data File : BF112334.D
 Acq On : 30 Jan 2019 21:04
 Operator : JU/SJ
 Sample : K1282-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jan 30 23:45:33 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

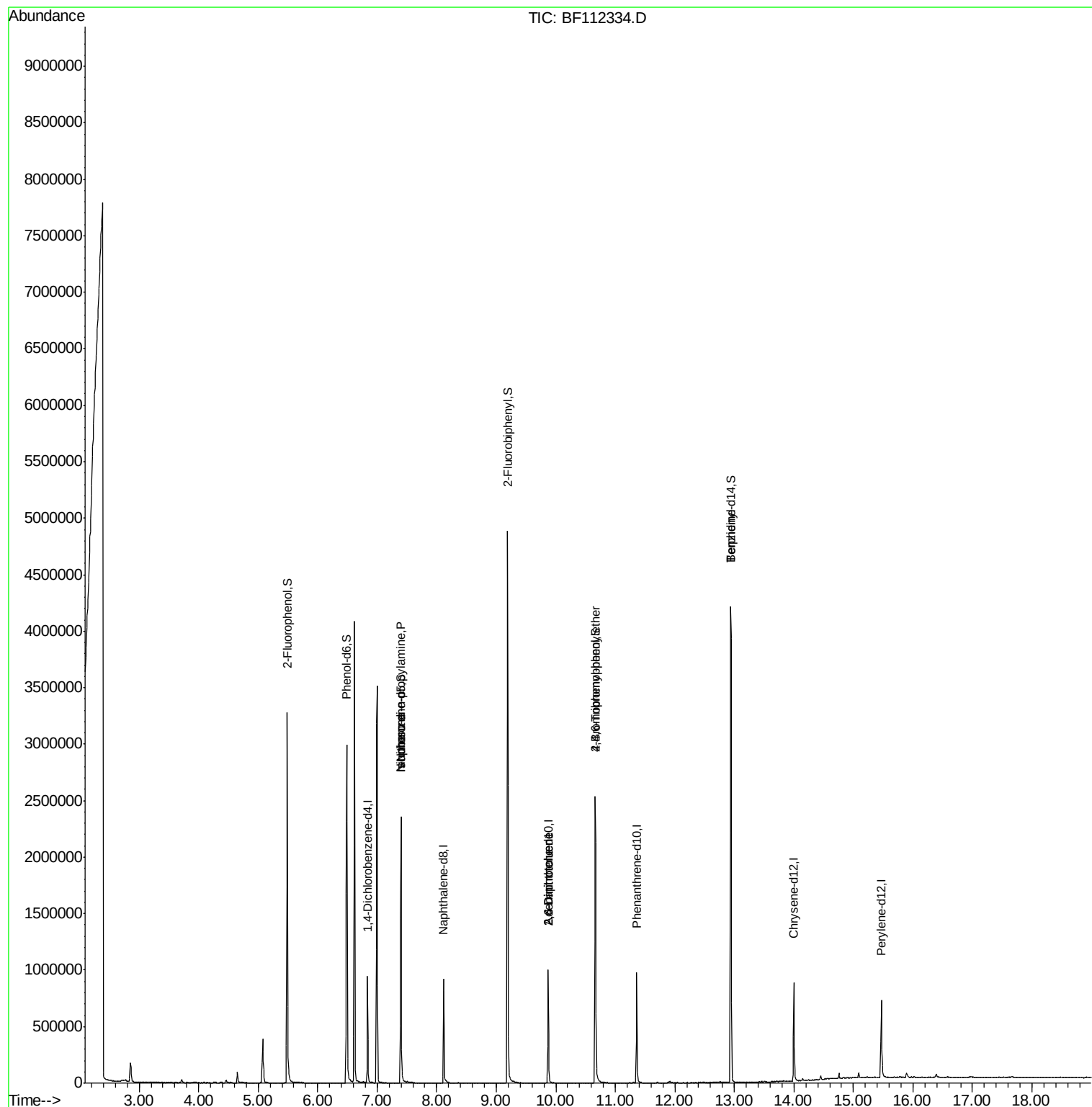
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	134666	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	503745	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	225709	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	409095	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	324004	20.00	ng	-0.01
87) Perylene-d12	15.47	264	330639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	978888	154.40	ng	0.00
7) Phenol-d6	6.49	99	1081522	122.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	817843	93.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	359457	136.82	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1617279	101.34	ng	-0.01
79) Terphenyl-d14	12.94	244	1520152	88.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	110924	18.260	ng	# 76
25) Isophorone	7.40	82	817837	59.630	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	27692	7.051	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	27692	5.538	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	22002	4.573	ng	# 1
77) Benzidine	12.94	184	20686	2.320	ng	# 96

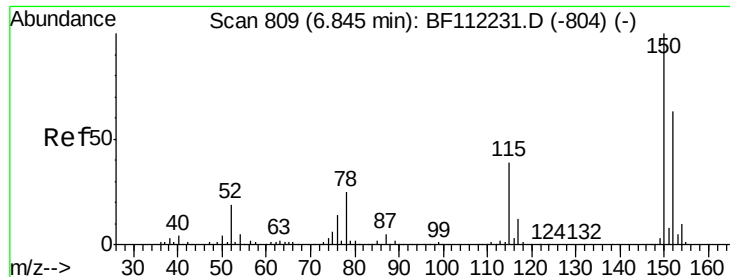
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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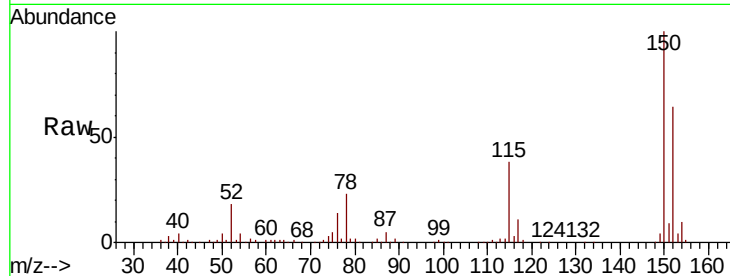


#1

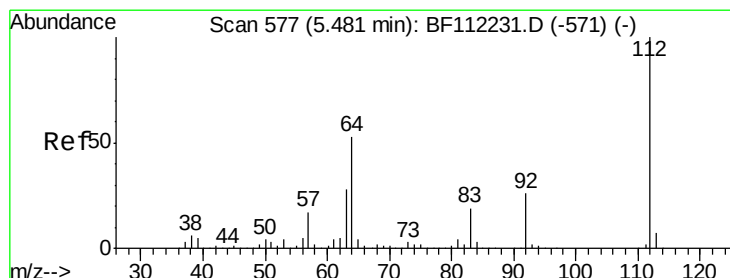
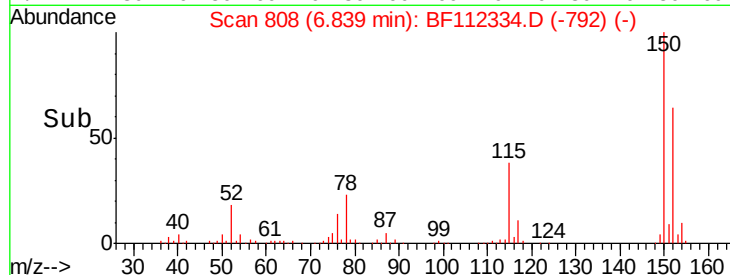
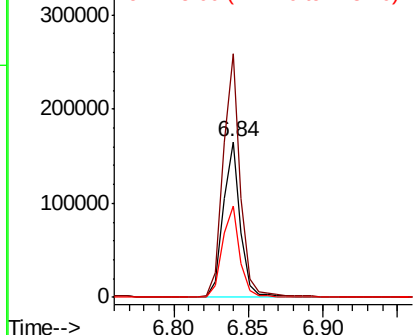
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 134666
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 58.6 45.5 68.3



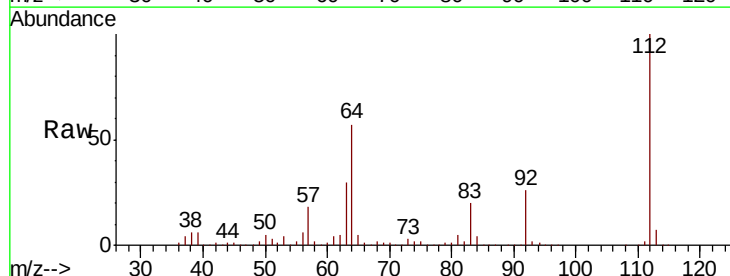
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



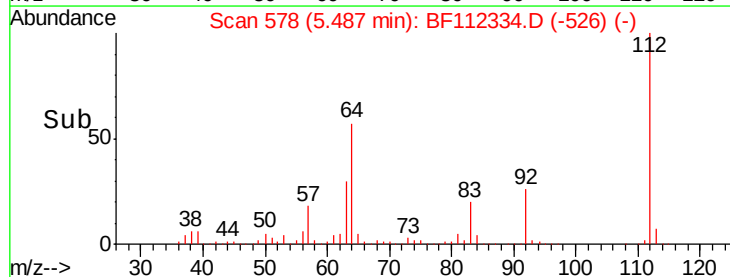
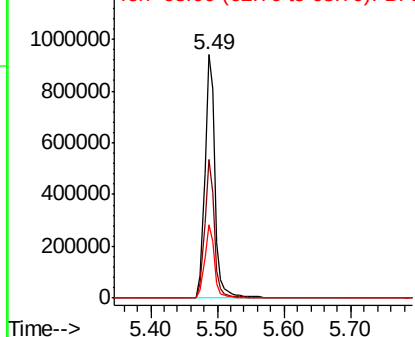
#5

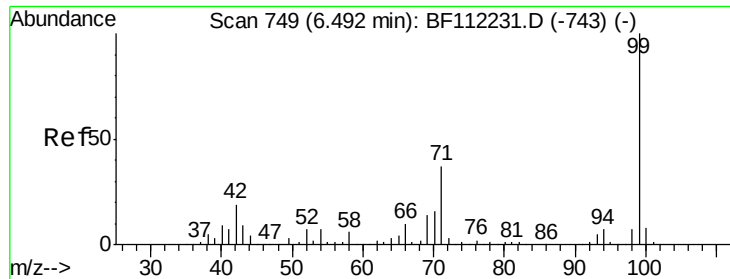
2-Fluorophenol
Concen: 154.398 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Tgt Ion:112 Resp: 978888
Ion Ratio Lower Upper
112 100
64 57.0 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: 122.764 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112334.D

Acq: 30 Jan 2019 21:04

Instrument :

BNA_F

ClientSampleId :

TP-6

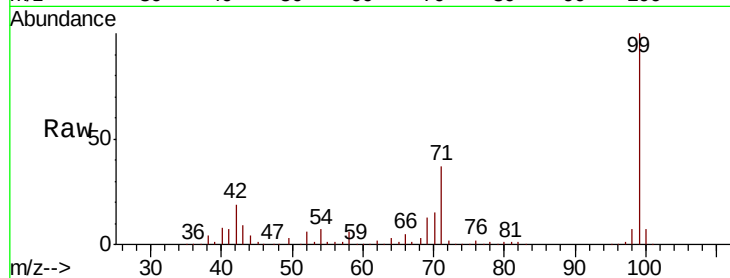
Tgt Ion: 99 Resp: 1081522

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

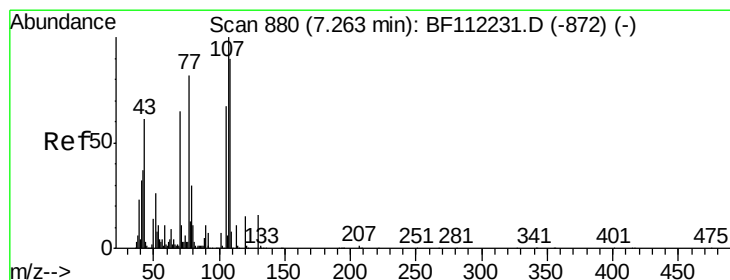
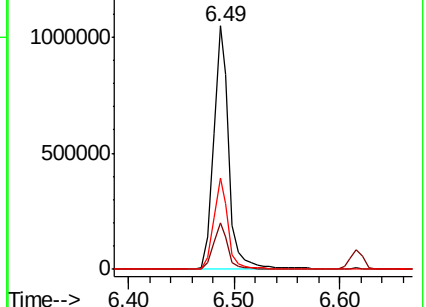
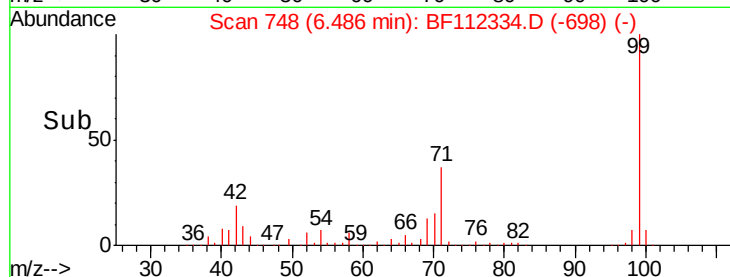
71 37.3 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.260 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112334.D

Acq: 30 Jan 2019 21:04

Tgt Ion: 70 Resp: 110924

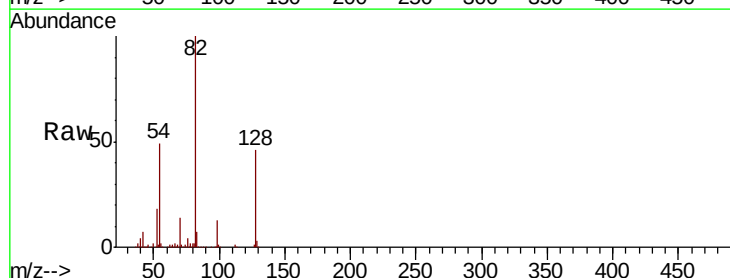
Ion Ratio Lower Upper

70 100

42 47.1 47.6 71.4#

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

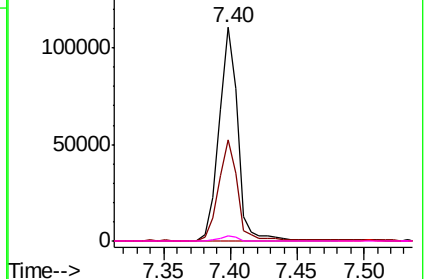
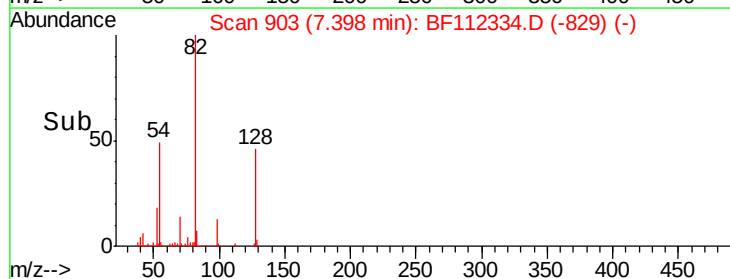


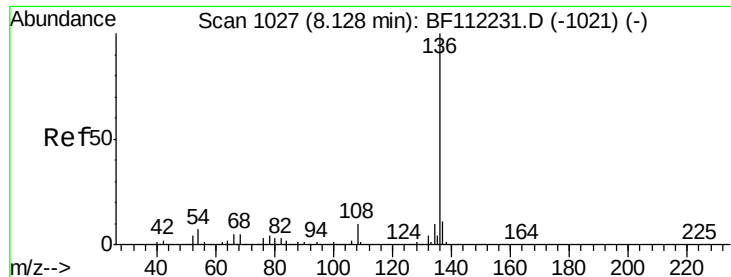
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

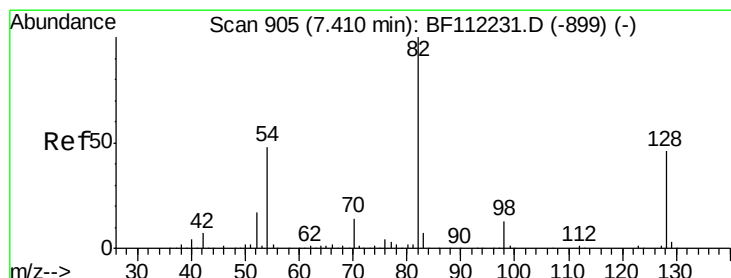
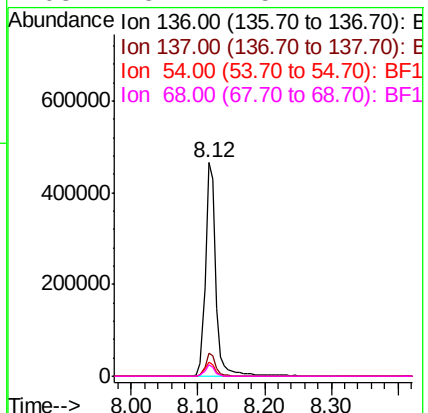
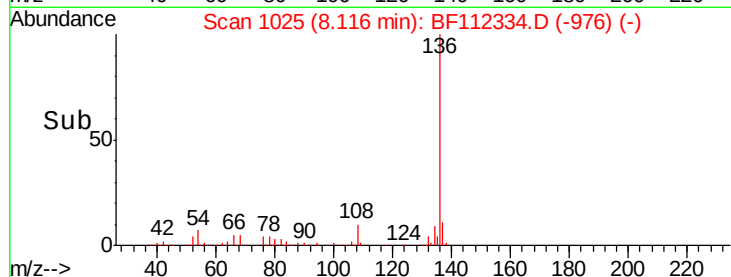
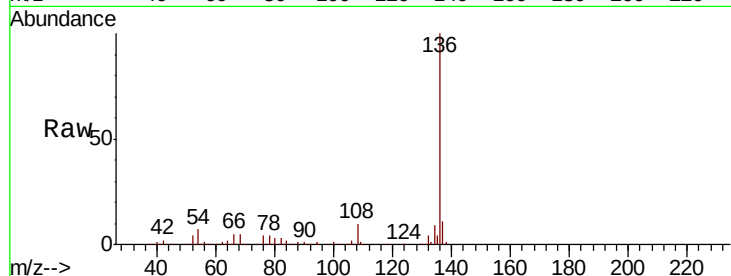




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

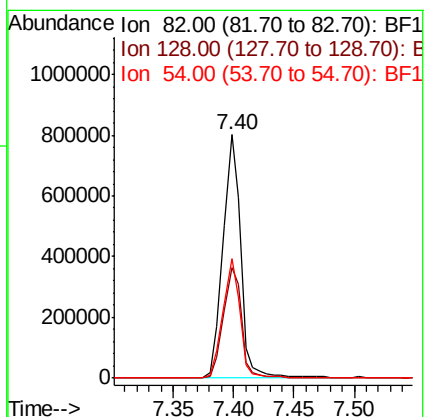
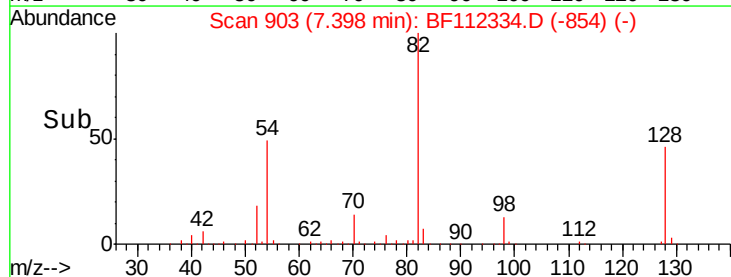
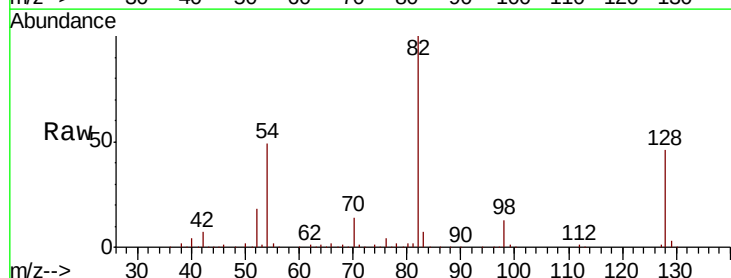
Instrument :
BNA_F
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TP-6

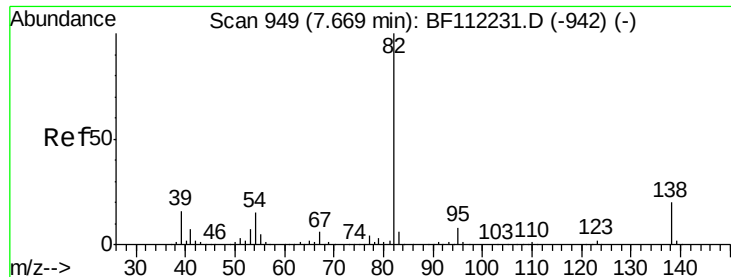
Tgt Ion:	136	Resp:	503745
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	5.9	8.9
68	5.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 93.547 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Tgt Ion:	82	Resp:	817843
Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.8	56.8
54	49.1	39.7	59.5

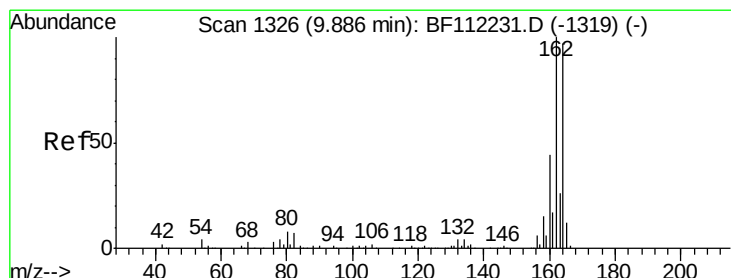
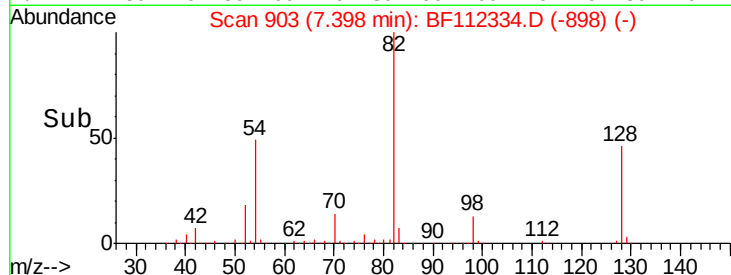
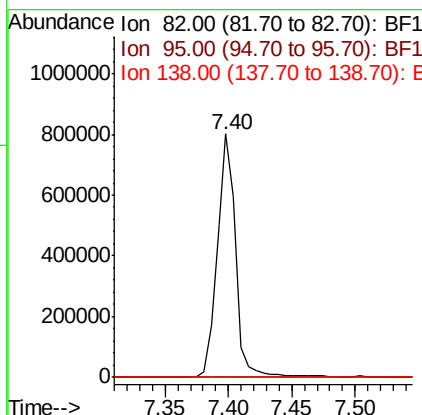
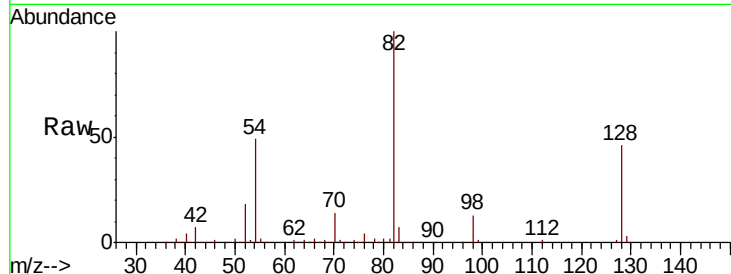




#25
Isophorone
Concen: 59.630 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

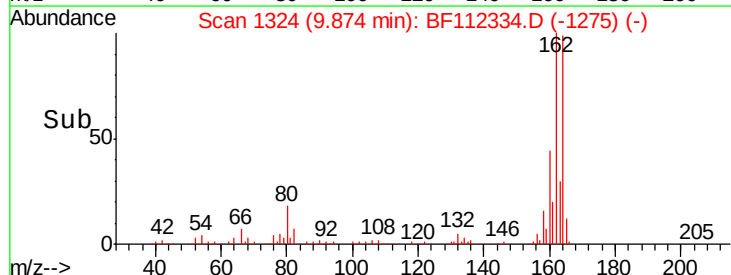
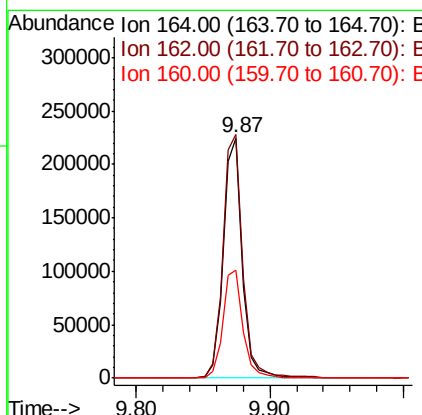
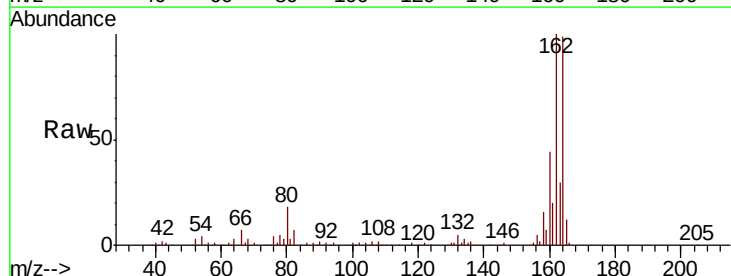
Instrument :
BNA_F
ClientSampled :
TP-6

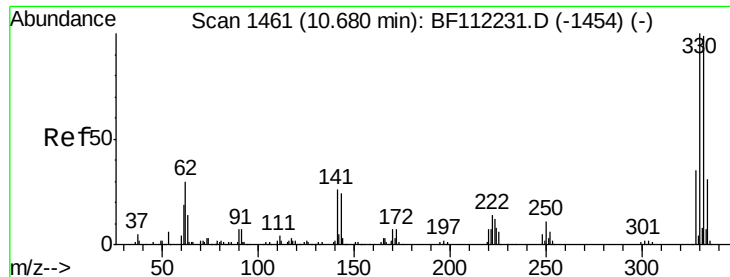
Tgt Ion: 82 Resp: 817837
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Tgt Ion: 164 Resp: 225709
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.4
160 44.7 36.2 54.4

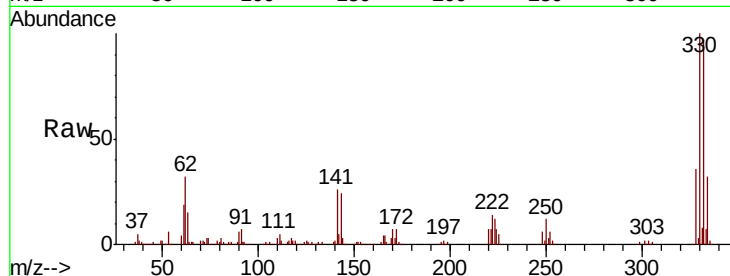




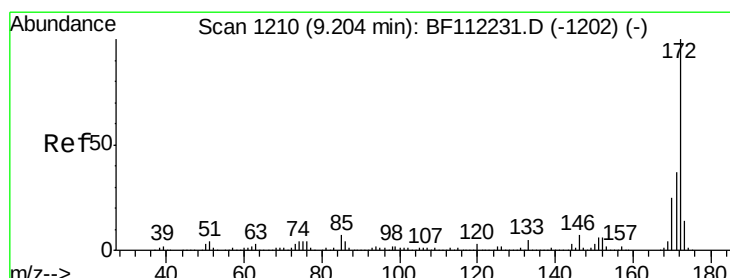
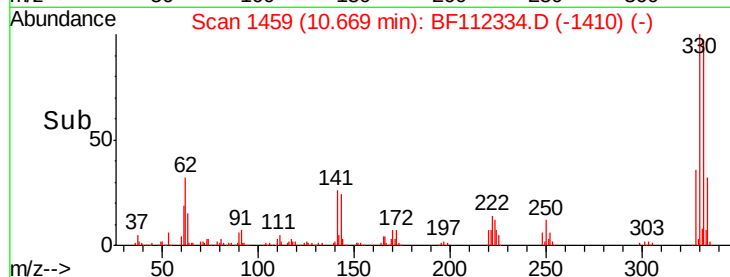
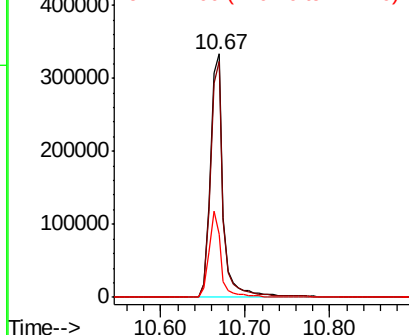
#42
 2,4,6-Tribromophenol
 Concen: 136.822 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	33.1	24.3	36.5

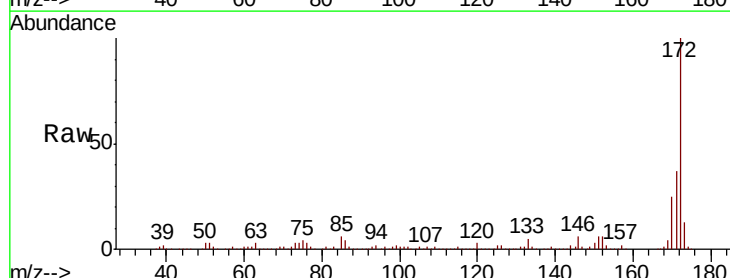


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

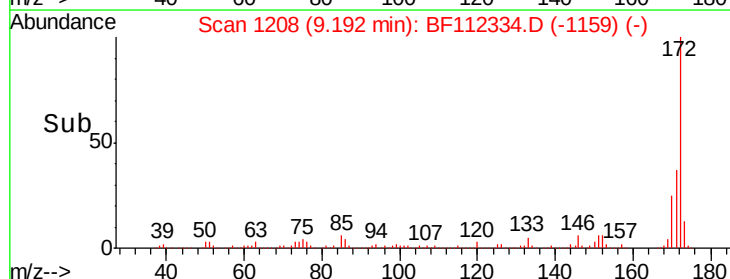
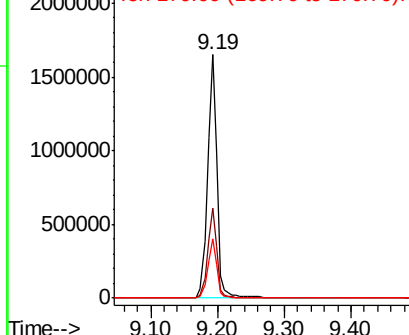


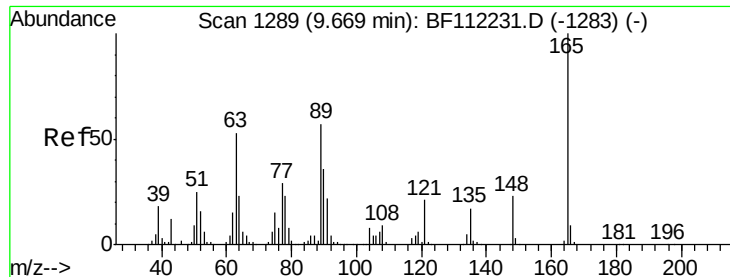
#45
 2-Fluorobiphenyl
 Concen: 101.342 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.5	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: 7.051 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112334.D

Acq: 30 Jan 2019 21:04

Instrument :

BNA_F

ClientSampleId :

TP-6

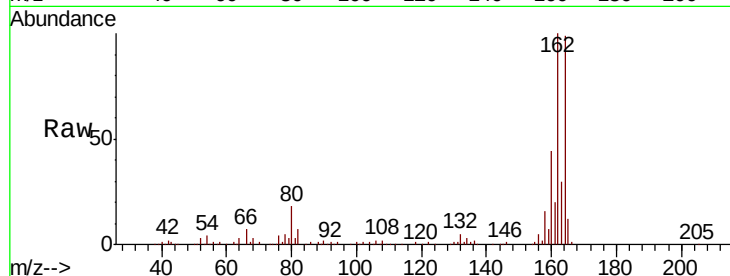
Tgt Ion:165 Resp: 27692

Ion Ratio Lower Upper

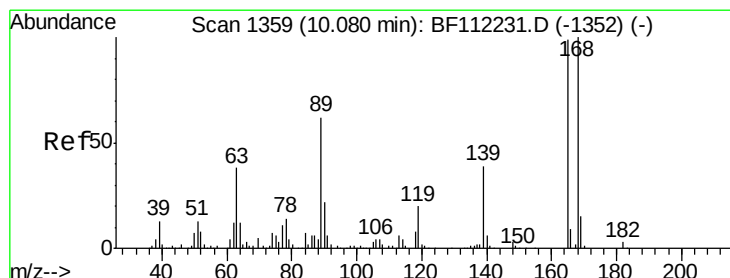
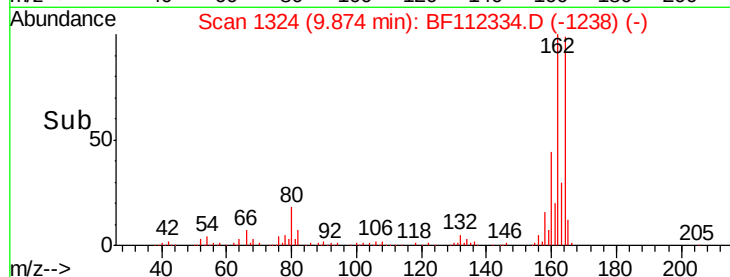
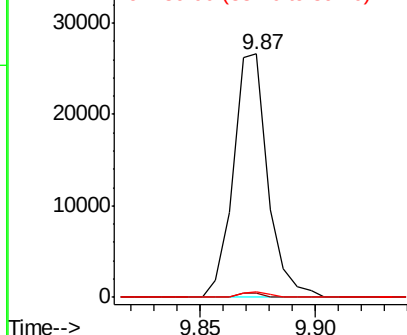
165 100

63 1.5 33.8 50.8#

89 2.3 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: 5.538 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112334.D

Acq: 30 Jan 2019 21:04

Tgt Ion:165 Resp: 27692

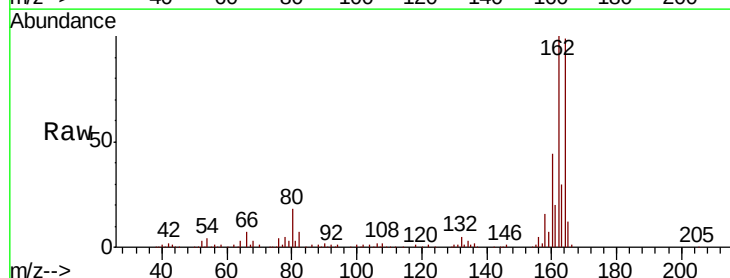
Ion Ratio Lower Upper

165 100

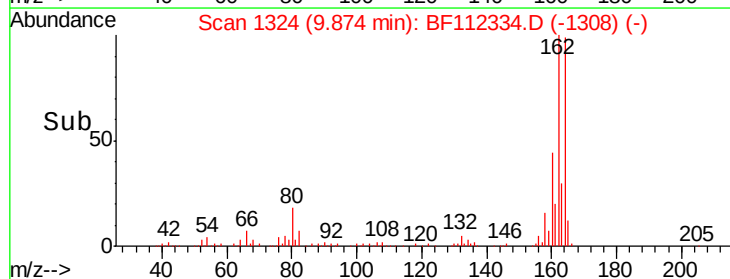
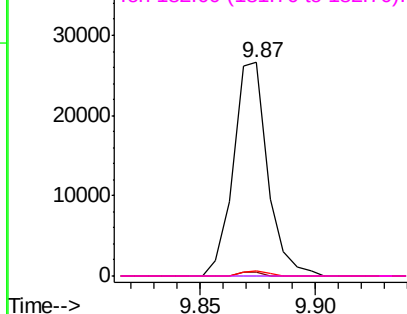
63 1.5 27.9 41.9#

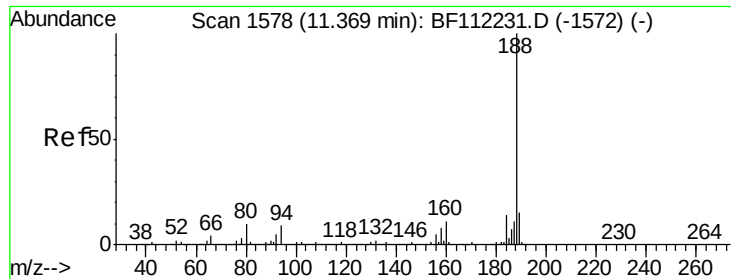
89 2.3 47.9 71.9#

182 0.0 2.2 3.4#



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
Ion 182.00 (181.70 to 182.70): E

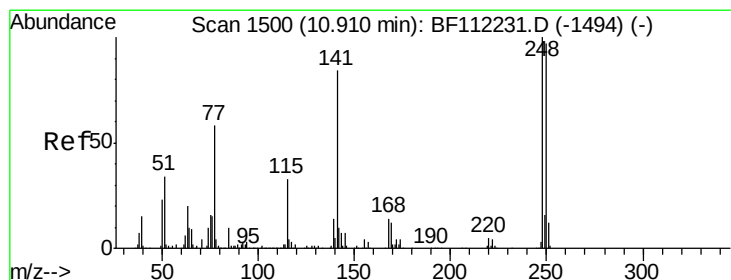
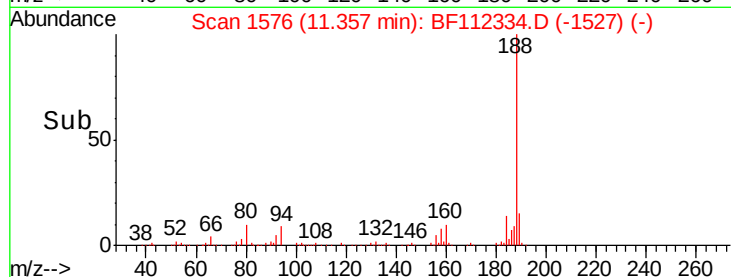
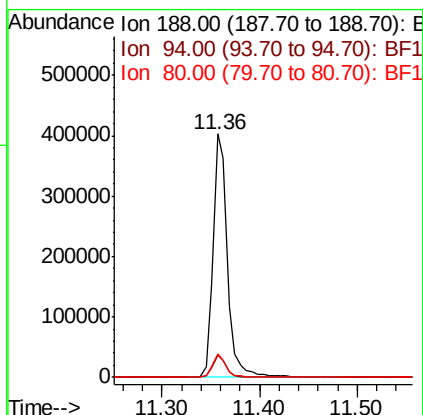
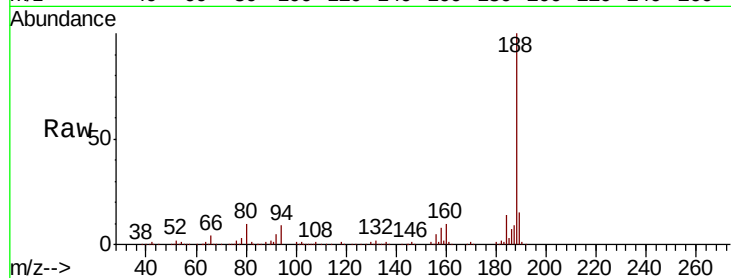




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

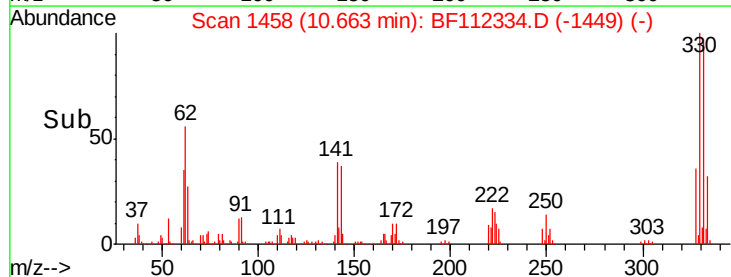
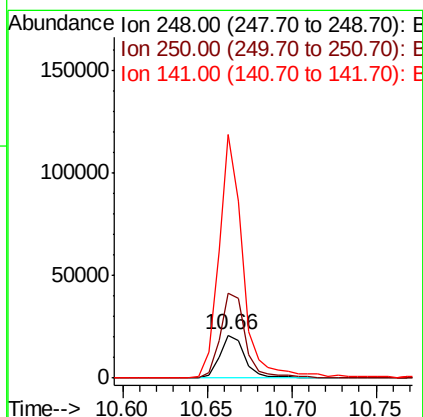
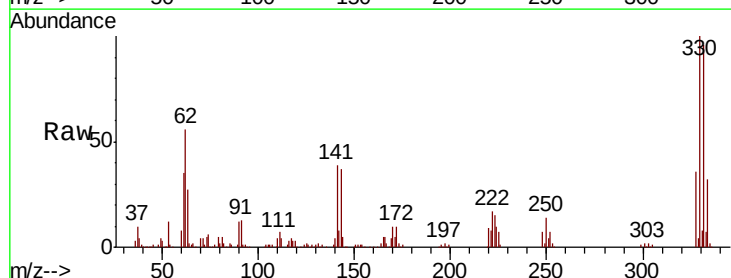
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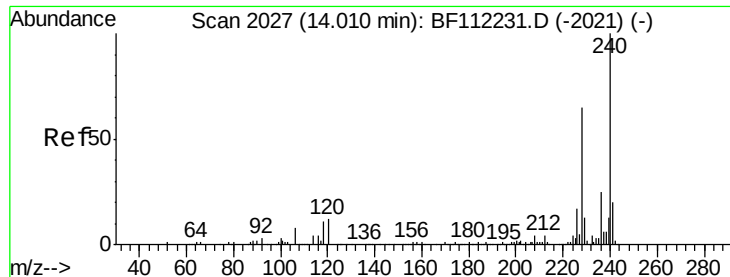
Tgt Ion:188 Resp: 409095
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.573 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Tgt Ion:248 Resp: 22002
Ion Ratio Lower Upper
248 100
250 199.2 79.7 119.5#
141 567.0 60.3 90.5#

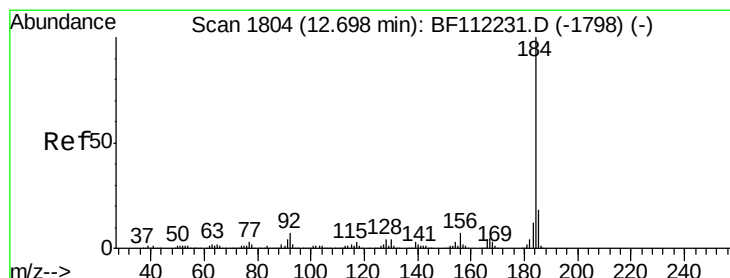
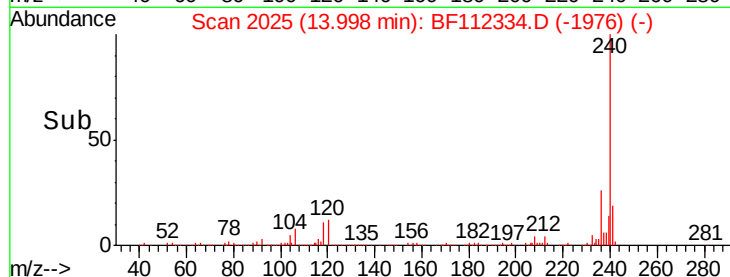
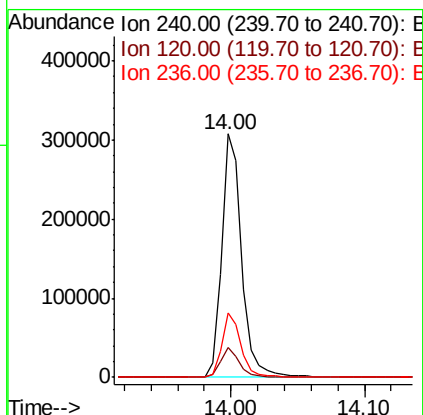
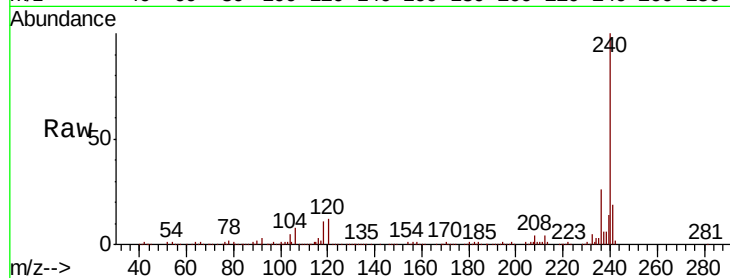




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

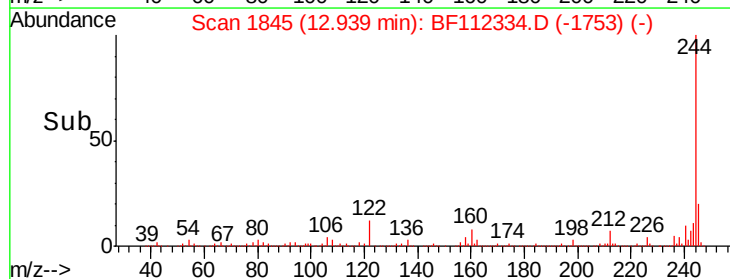
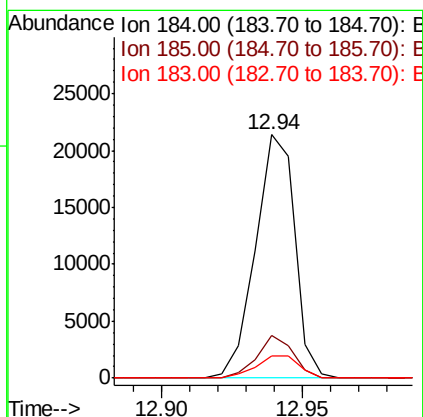
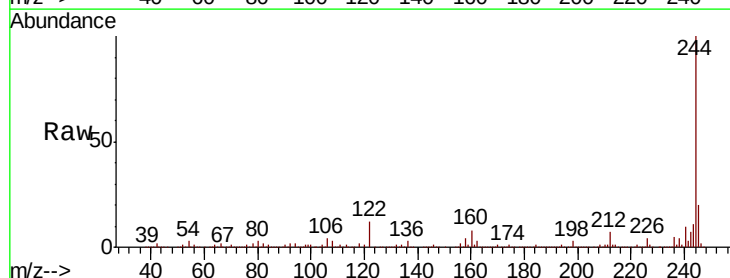
Instrument :
BNA_F
ClientSampleId :
TP-6

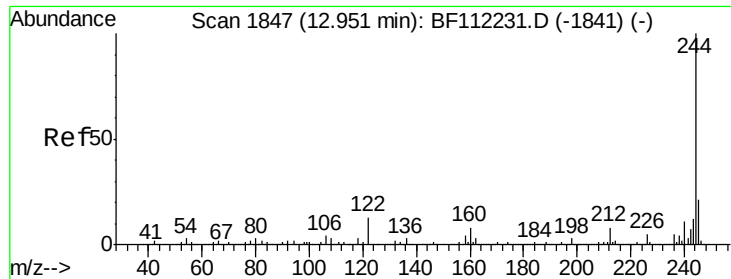
Tgt Ion:240 Resp: 324004
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 26.3 20.7 31.1



#77
Benzidine
Concen: 2.320 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Tgt Ion:184 Resp: 20686
Ion Ratio Lower Upper
184 100
185 17.6 13.9 20.9
183 9.1 10.0 15.0#

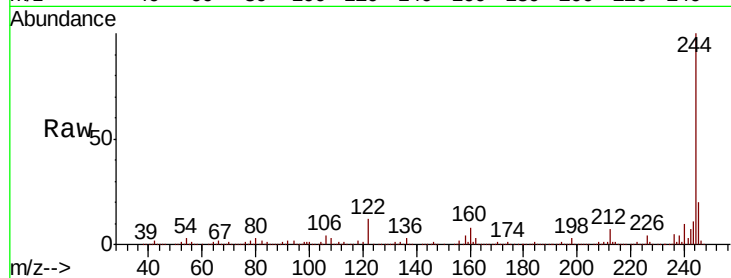




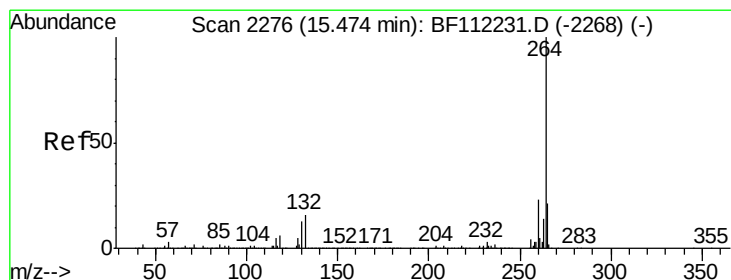
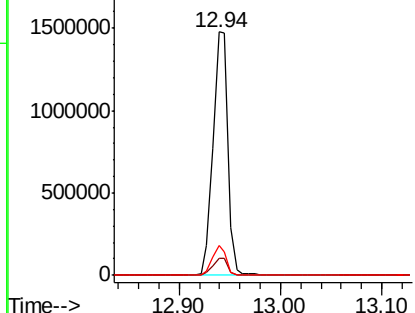
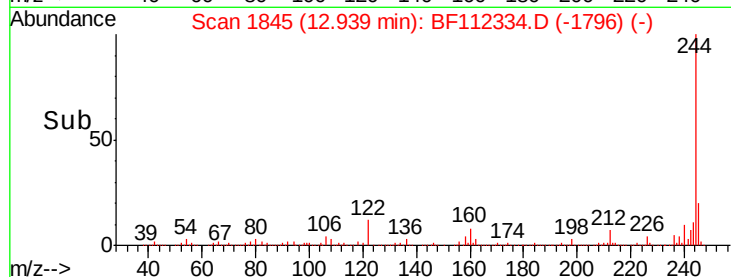
#79
 Terphenyl-d14
 Concen: 88.367 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1520152
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.2 9.8 14.6

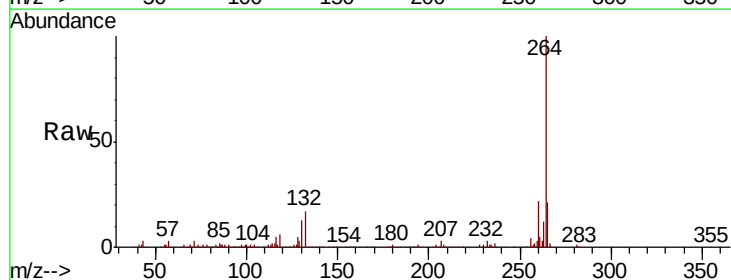


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

Tgt Ion:264 Resp: 330639
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 21.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

