

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112365.D
 Acq On : 1 Feb 2019 21:31
 Operator : JU/SJ
 Sample : K1290-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-S

Quant Time: Feb 01 23:22:44 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

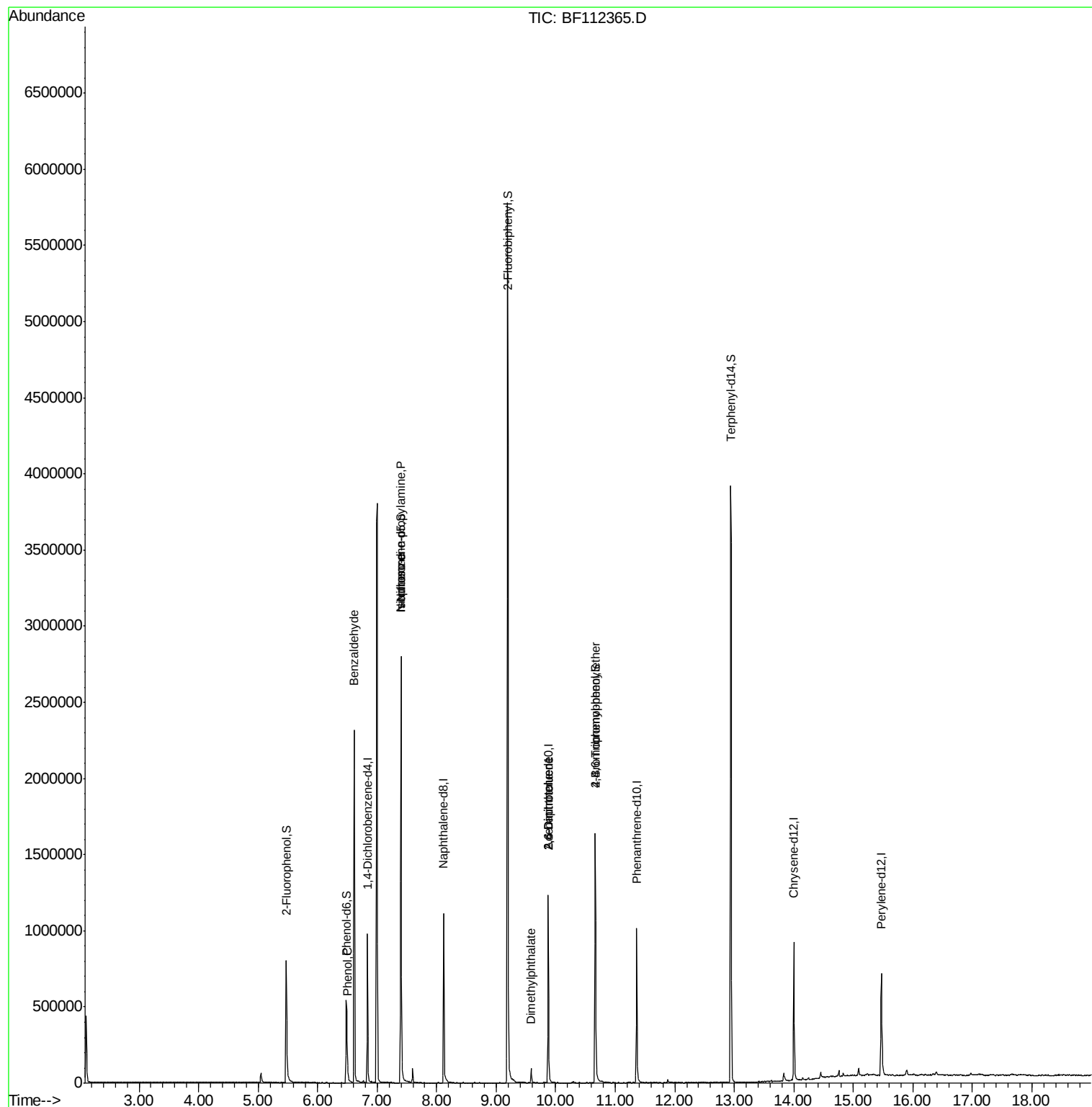
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165179	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	593122	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	267549	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	442129	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	357675	20.00	ng	0.00
87) Perylene-d12	15.47	264	344005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	298349	38.37	ng	0.00
7) Phenol-d6	6.48	99	220335	20.39	ng	-0.01
23) Nitrobenzene-d5	7.40	82	993655	96.53	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	225248	72.33	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1908035	100.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1403182	73.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	14277	2.528	ng	Qvalue # 77
10) Phenol	6.50	94	33579	2.832	ng	# 81
19) n-Nitroso-di-n-propylamine	7.40	70	136619	18.335	ng	# 75
25) Isophorone	7.40	82	993649	61.531	ng	# 63
50) Dimethylphthalate	9.59	163	46719	2.247	ng	98
51) 2,6-Dinitrotoluene	9.87	165	34600	7.432	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	34600	5.838	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	13518	2.600	ng	# 1

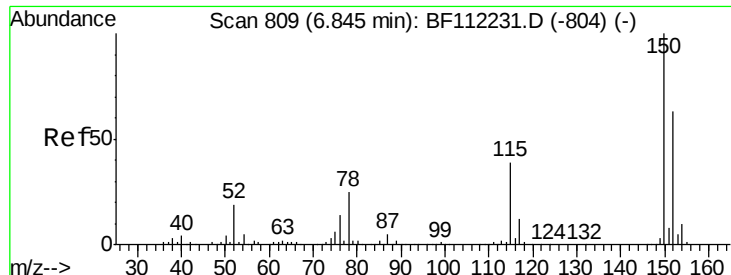
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112365.D
Acq On : 1 Feb 2019 21:31
Operator : JU/SJ
Sample : K1290-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-S

Quant Time: Feb 01 23:22:44 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



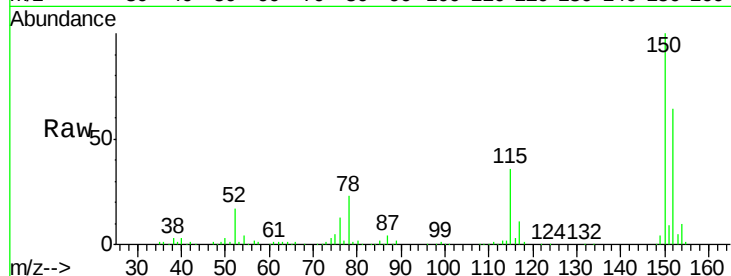


#1

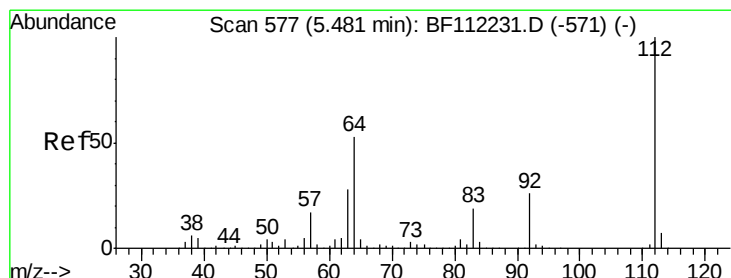
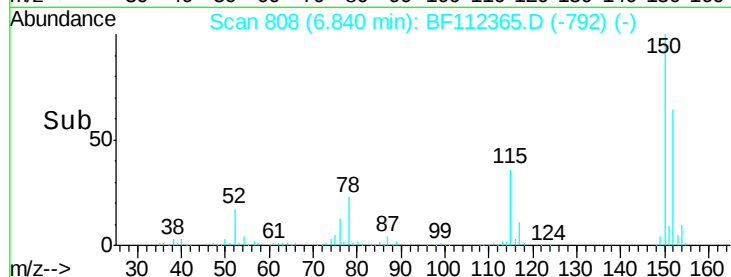
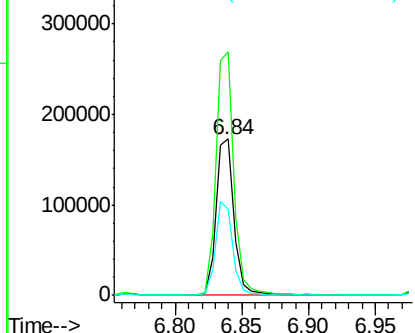
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-S

Tgt Ion:152 Resp: 165179
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 55.4 45.5 68.3



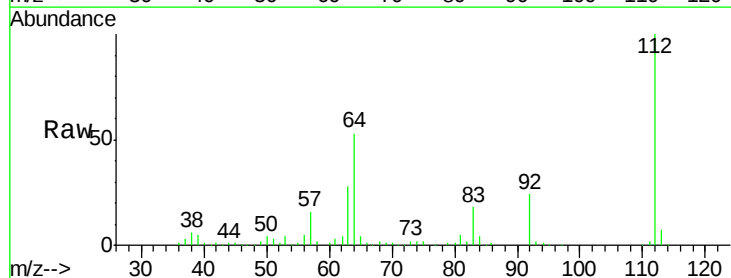
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



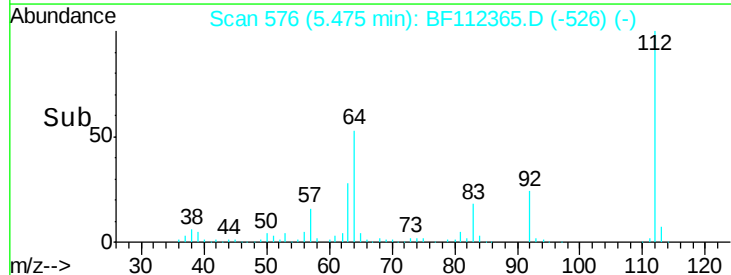
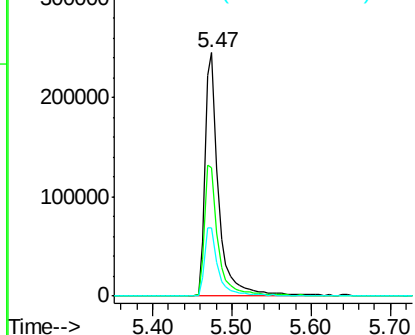
#5

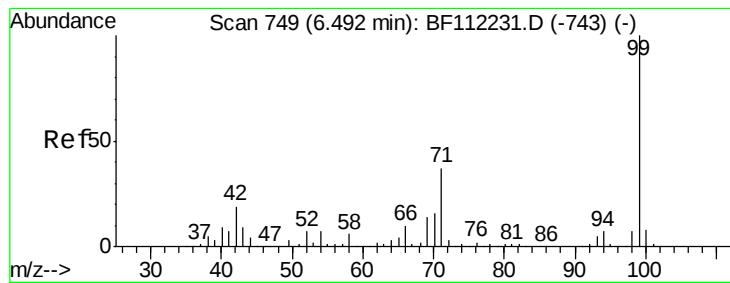
2-Fluorophenol
Concen: 38.365 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Tgt Ion:112 Resp: 298349
Ion Ratio Lower Upper
112 100
64 52.6 45.7 68.5
63 27.8 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: 20.390 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-S

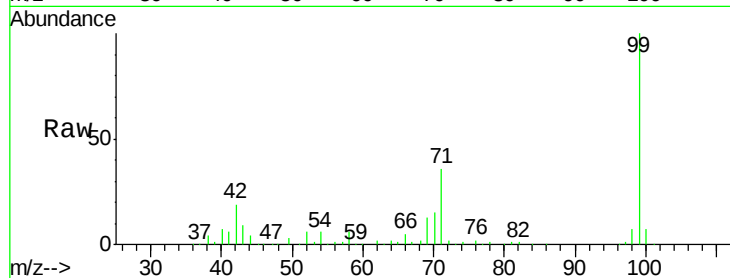
Tgt Ion: 99 Resp: 220335

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

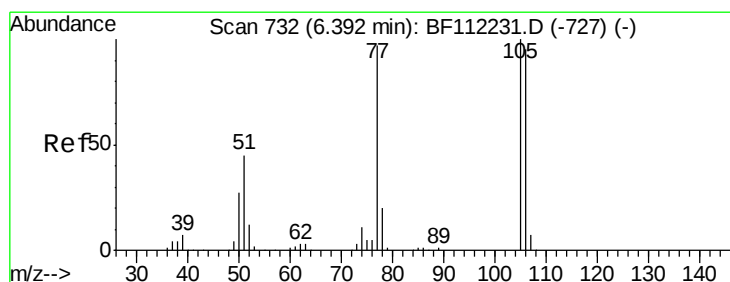
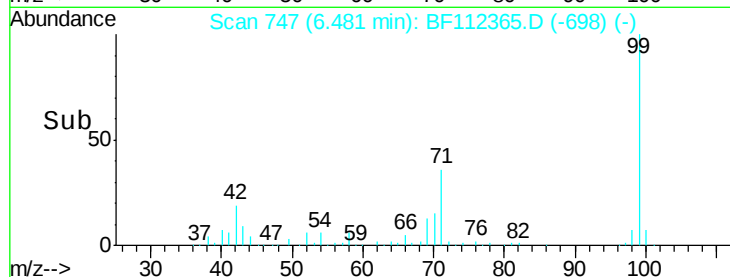
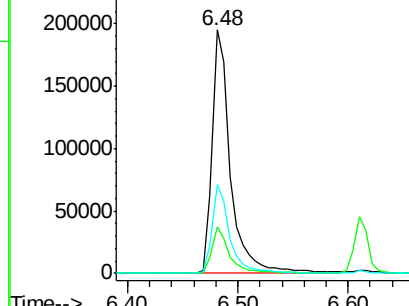
71 36.4 26.9 40.3



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: 2.528 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

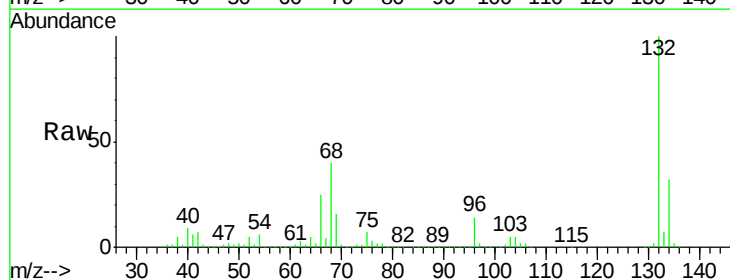
Tgt Ion: 77 Resp: 14277

Ion Ratio Lower Upper

77 100

105 79.8 80.8 120.8#

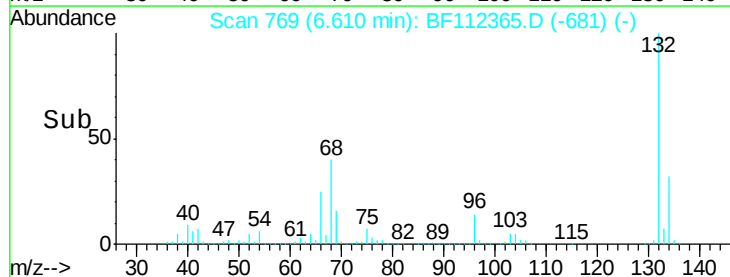
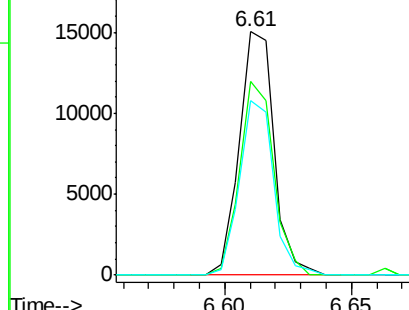
106 71.5 75.7 115.7#

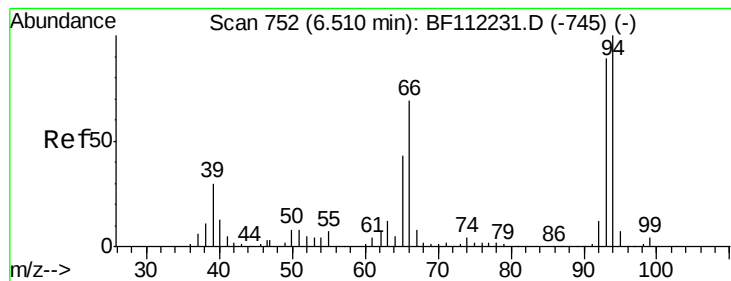


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.832 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-S

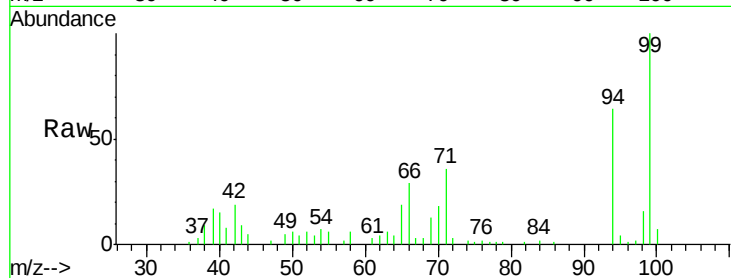
Tgt Ion: 94 Resp: 33579

Ion Ratio Lower Upper

94 100

65 30.5 20.3 60.3

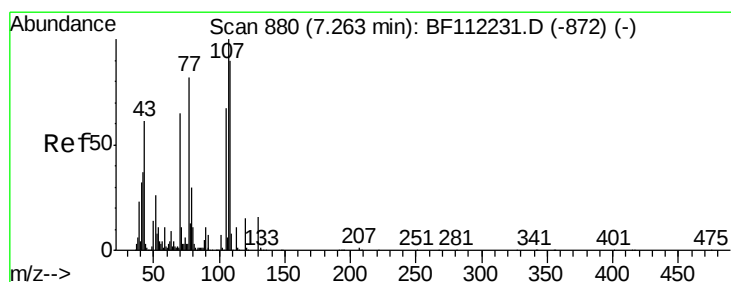
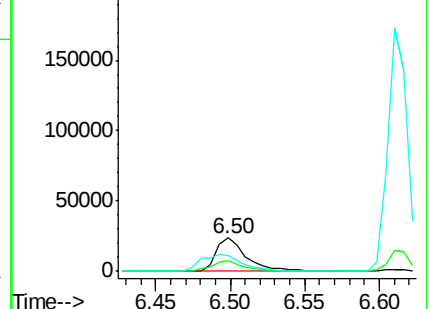
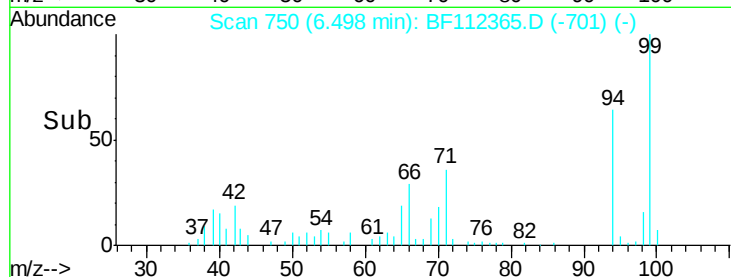
66 46.0 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.335 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Tgt Ion: 70 Resp: 136619

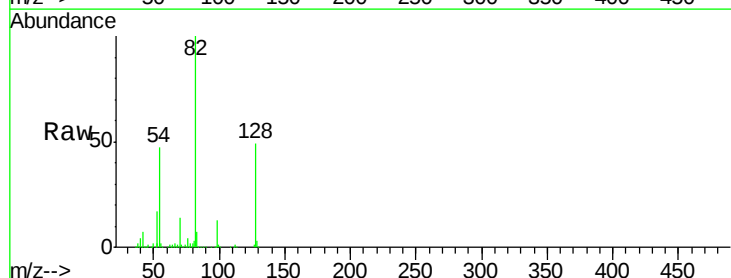
Ion Ratio Lower Upper

70 100

42 46.5 47.6 71.4#

101 0.0 7.9 11.9#

130 2.5 18.4 27.6#

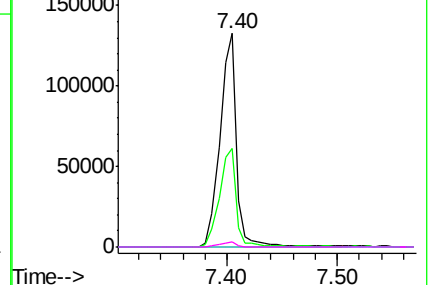
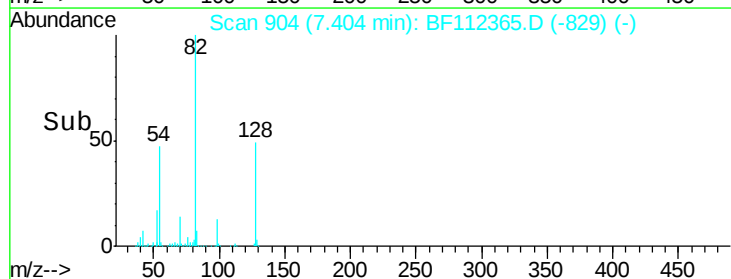


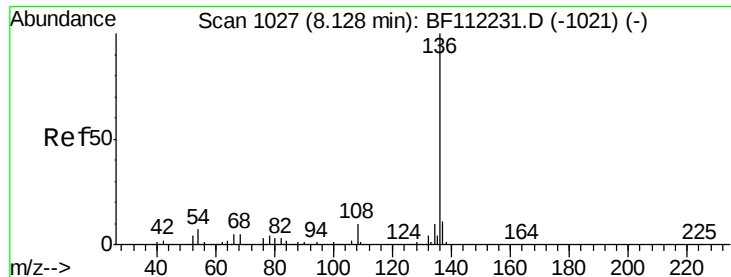
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

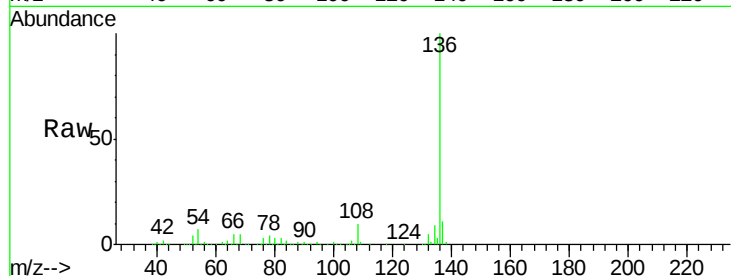




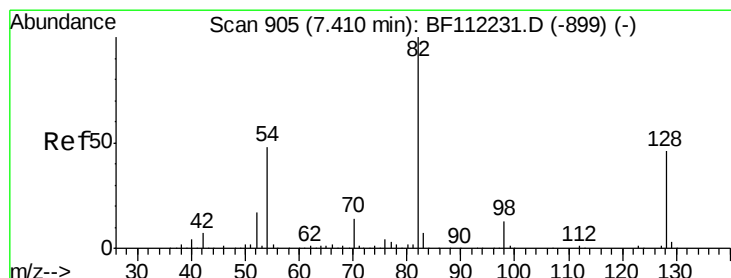
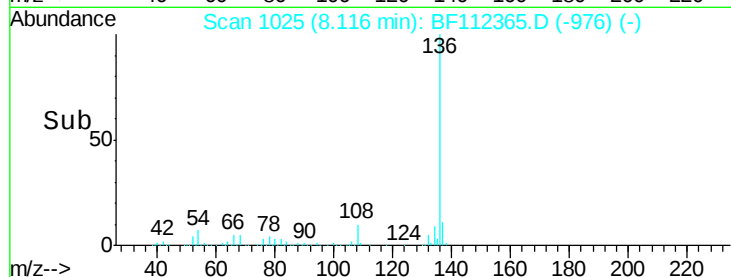
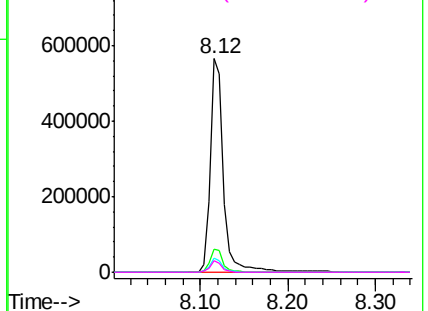
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-S

Tgt Ion:	136	Resp:	593122
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.7	5.9	8.9
68	5.2	5.1	7.7

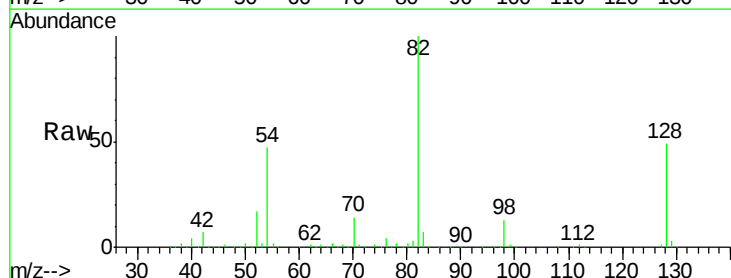


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

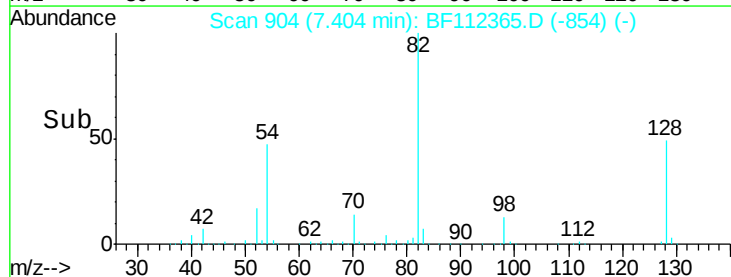
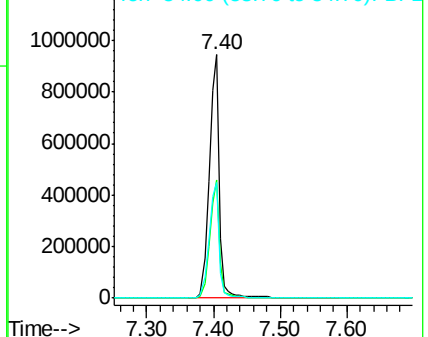


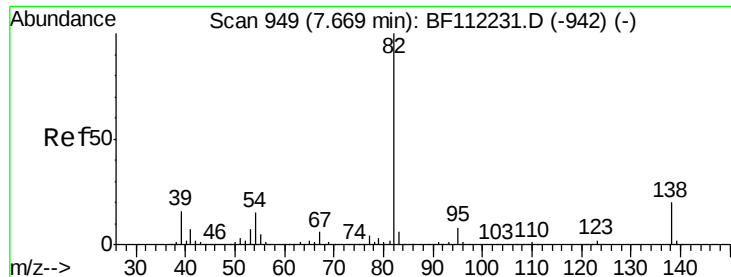
#23
Nitrobenzene-d5
Concen: 96.530 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Tgt Ion:	82	Resp:	993655
Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	47.4	39.7	59.5



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





#25

Isophorone

Concen: 61.531 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-S

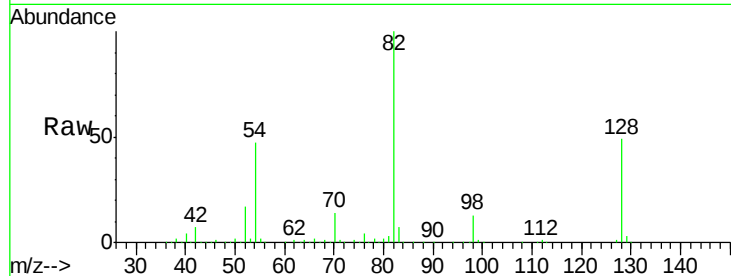
Tgt Ion: 82 Resp: 993649

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#

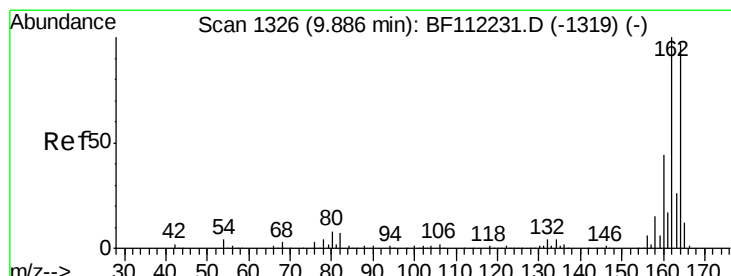
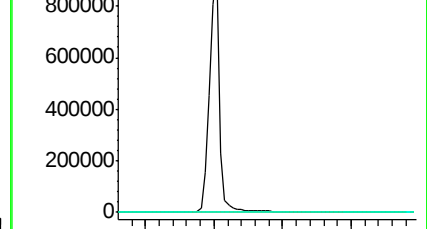
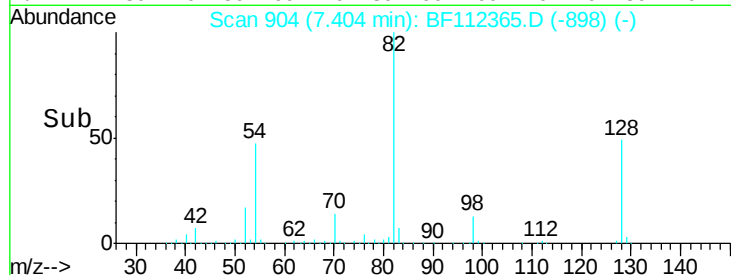


Abundance Ion 82.00 (81.70 to 82.70): BF112231.D (-942) (-)

Ion 95.00 (94.70 to 95.70): BF112231.D (-942) (-)

Ion 138.00 (137.70 to 138.70): BF112231.D (-942) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

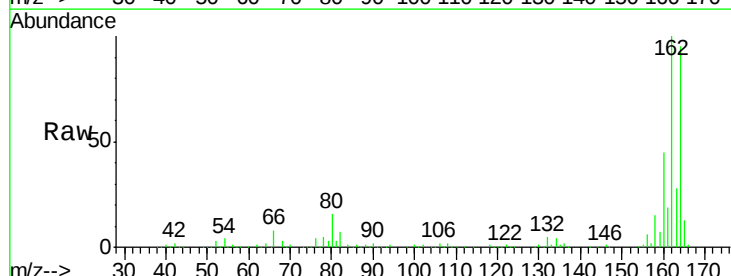
Tgt Ion: 164 Resp: 267549

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.4

160 47.8 36.2 54.4

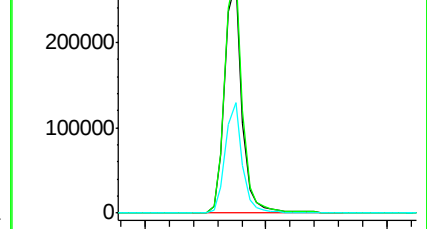
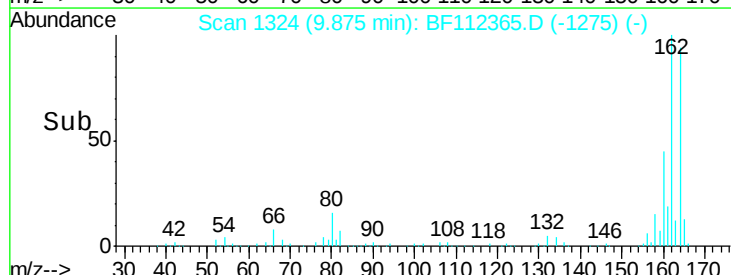


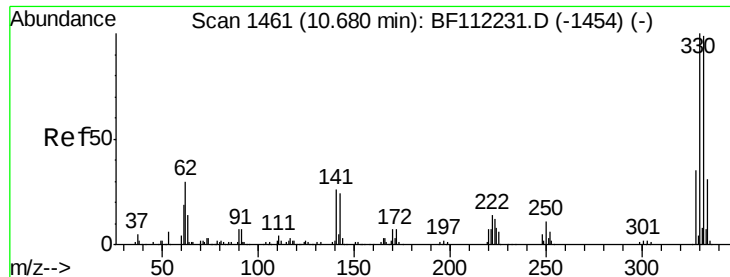
Abundance Ion 164.00 (163.70 to 164.70): BF112231.D (-1319) (-)

Ion 162.00 (161.70 to 162.70): BF112231.D (-1319) (-)

Ion 160.00 (159.70 to 160.70): BF112231.D (-1319) (-)

Time-->





#42

2,4,6-Tribromophenol

Concen: 72.329 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-S

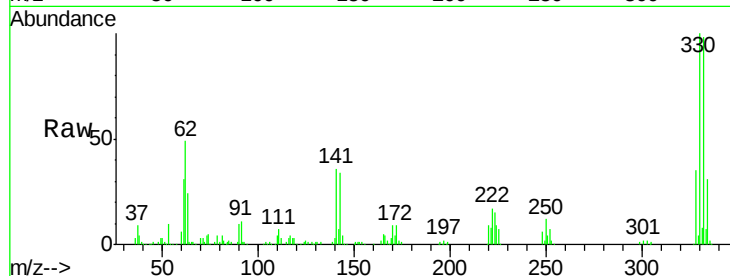
Tgt Ion:330 Resp: 225248

Ion Ratio Lower Upper

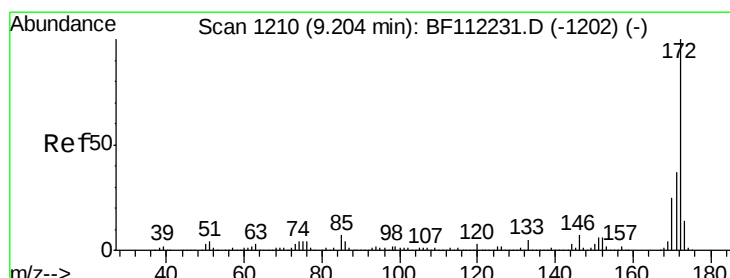
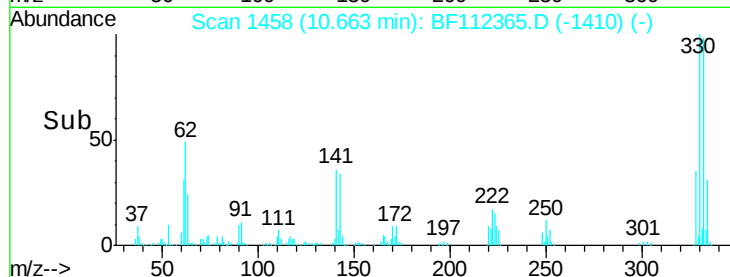
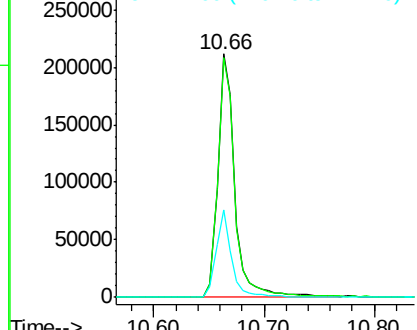
330 100

332 99.1 76.6 114.8

141 32.0 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: 100.864 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112365.D

Acq: 1 Feb 2019 21:31

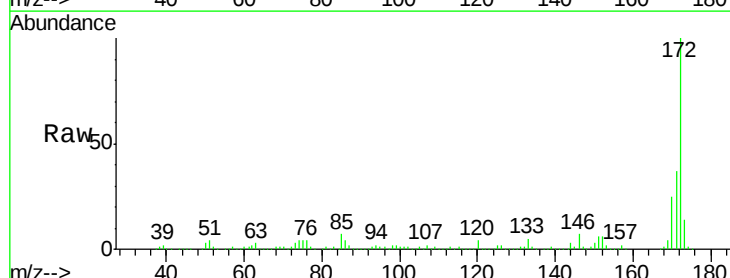
Tgt Ion:172 Resp: 1908035

Ion Ratio Lower Upper

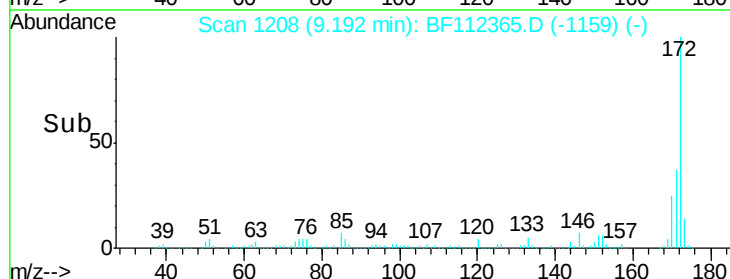
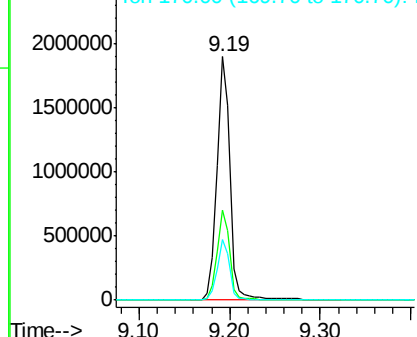
172 100

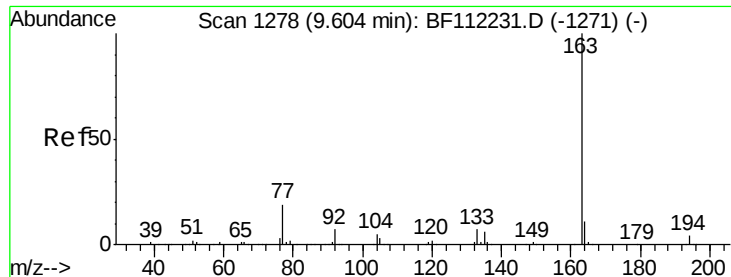
171 36.9 30.5 45.7

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

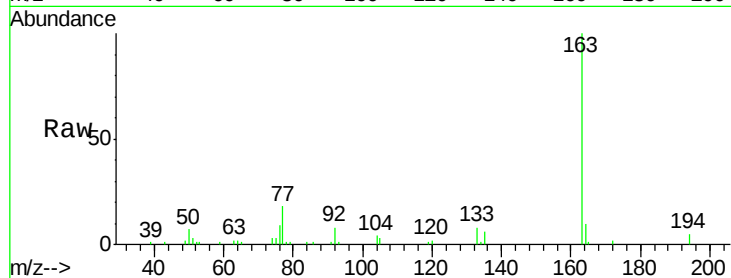




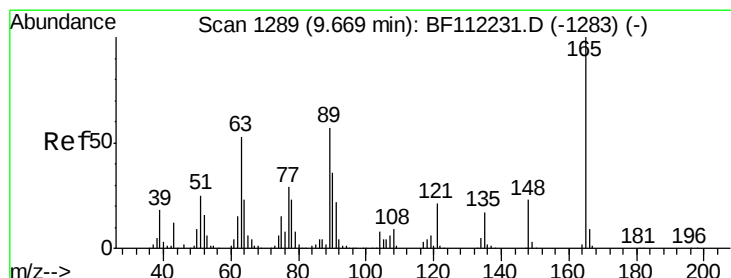
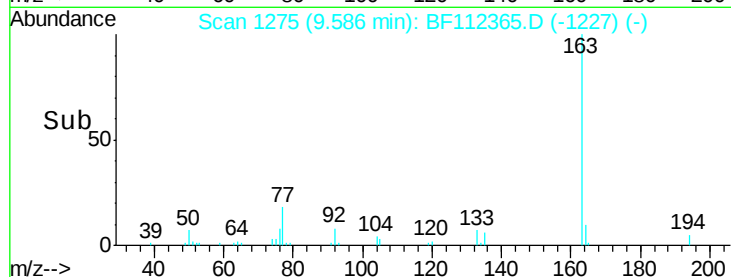
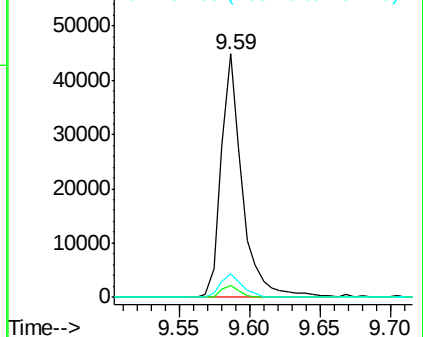
#50
Dimethylphthalate
Concen: 2.247 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-S

Tgt Ion:163 Resp: 46719
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.9 8.5 12.7

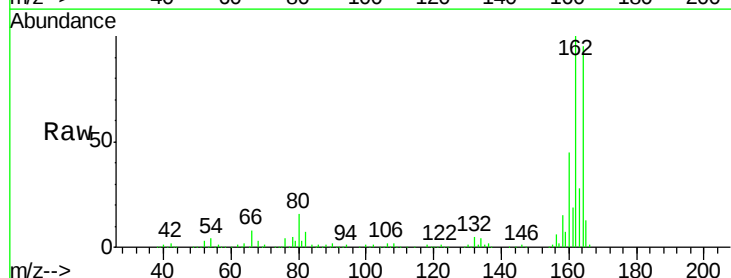


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

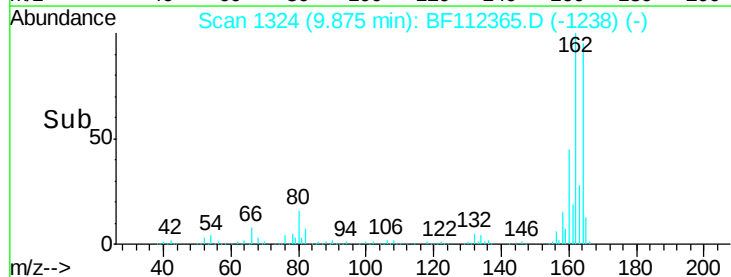
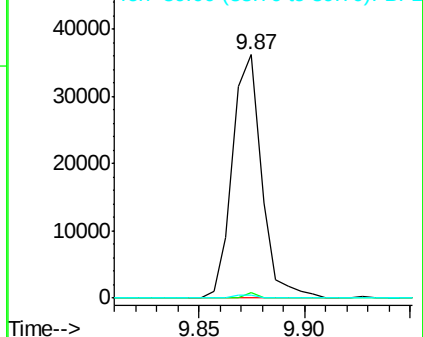


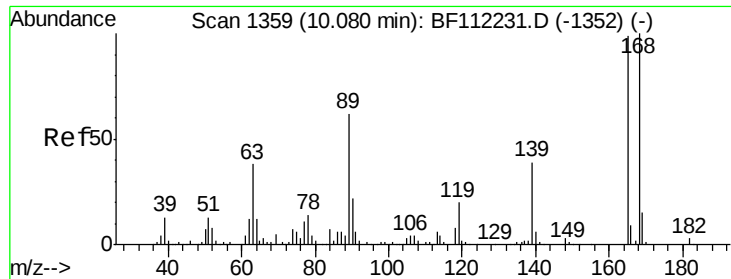
#51
2,6-Dinitrotoluene
Concen: 7.432 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Tgt Ion:165 Resp: 34600
Ion Ratio Lower Upper
165 100
63 2.1 33.8 50.8#
89 1.3 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

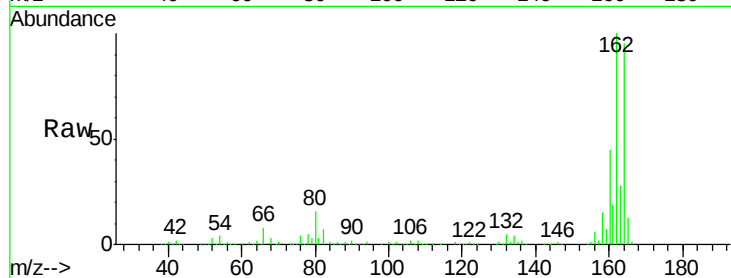




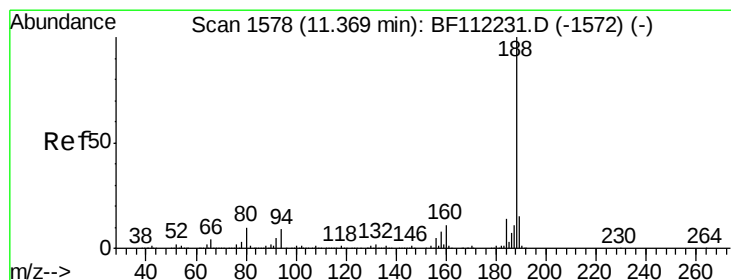
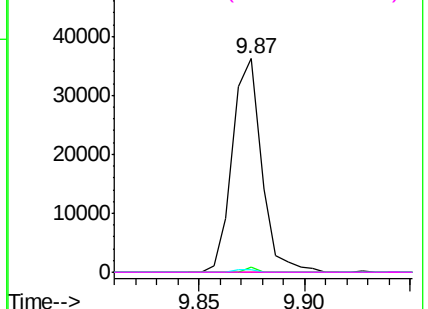
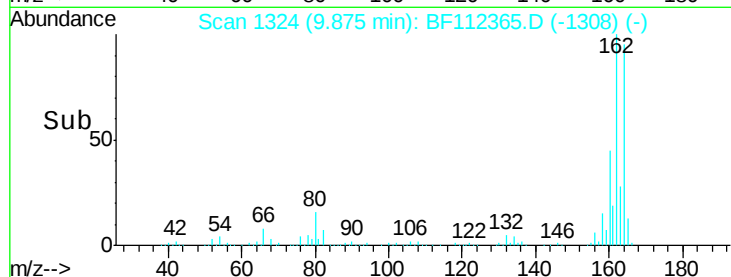
#57
 2,4-Dinitrotoluene
 Concen: 5.838 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112365.D
 Acq: 1 Feb 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-S

Tgt Ion:165 Resp: 34600
 Ion Ratio Lower Upper
 165 100
 63 2.1 27.9 41.9#
 89 1.3 47.9 71.9#
 182 0.0 2.2 3.4#

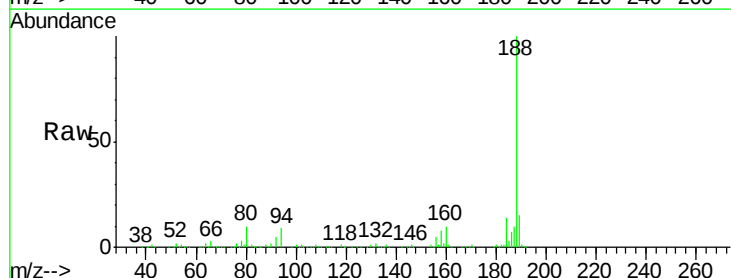


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

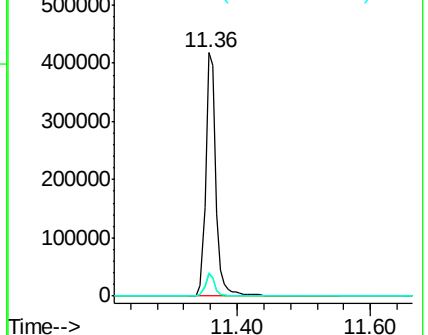
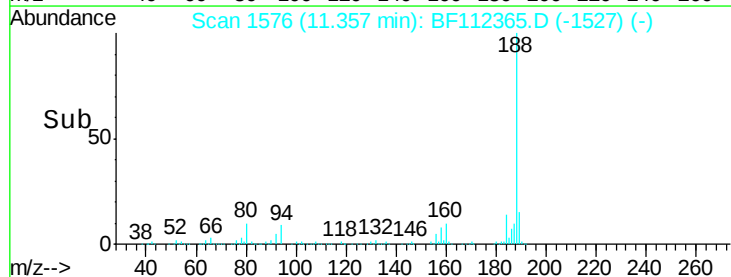


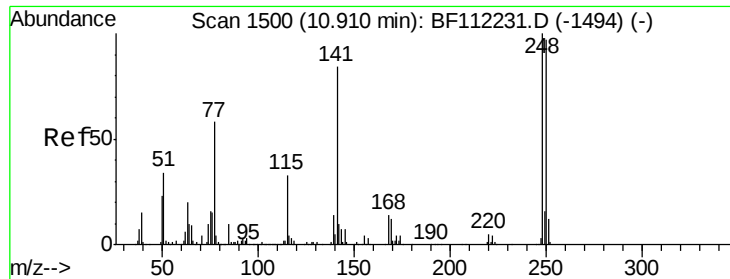
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112365.D
 Acq: 1 Feb 2019 21:31

Tgt Ion:188 Resp: 442129
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.2 12.2
 80 9.8 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

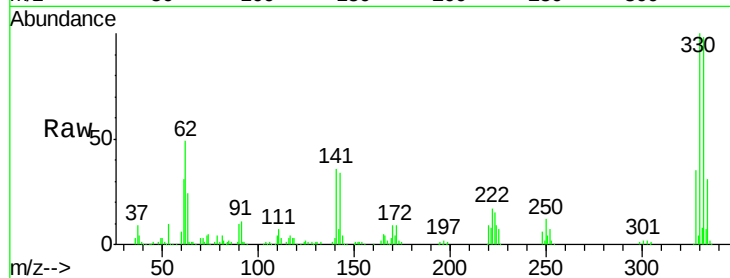




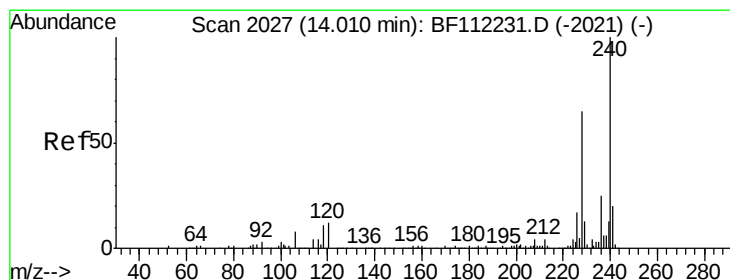
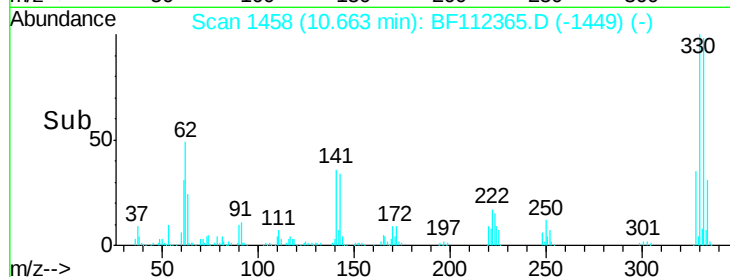
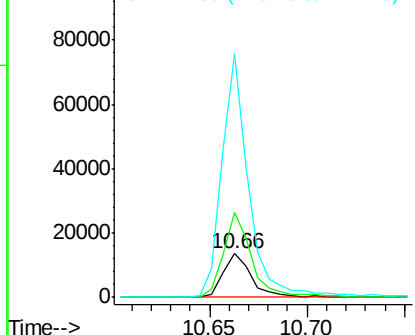
#67
4-Bromophenyl-phenylether
Concen: 2.600 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-S

Tgt Ion:248 Resp: 13518
Ion Ratio Lower Upper
248 100
250 194.4 79.7 119.5#
141 561.2 60.3 90.5#

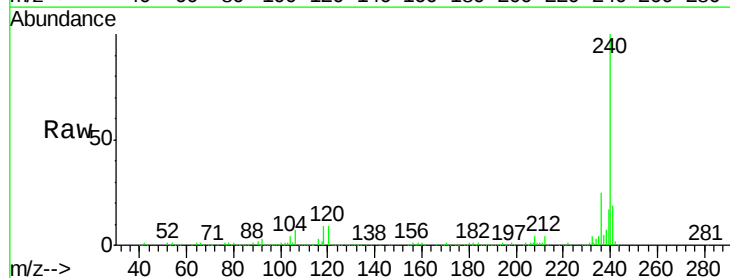


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

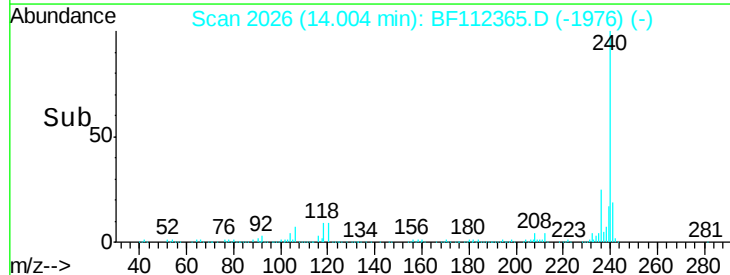
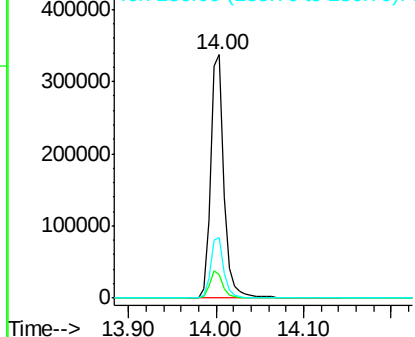


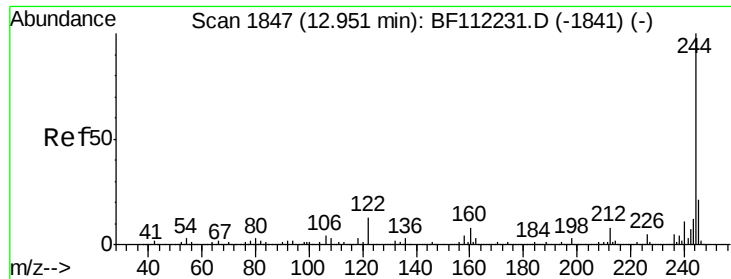
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112365.D
Acq: 1 Feb 2019 21:31

Tgt Ion:240 Resp: 357675
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.0 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

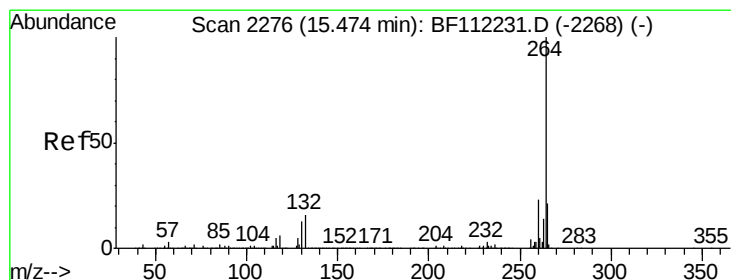
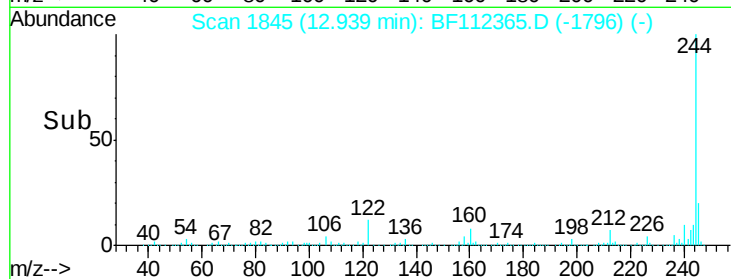
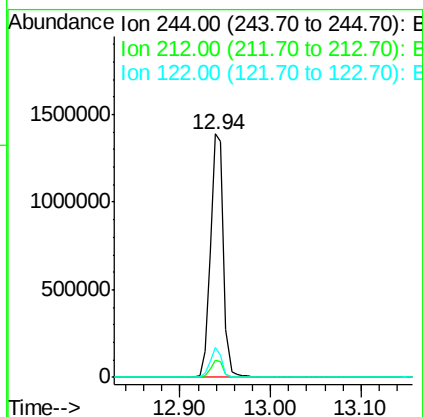
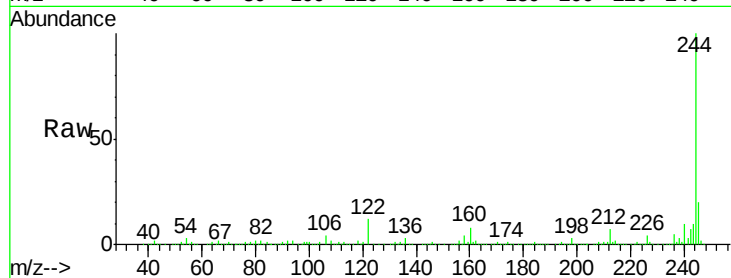




#79
 Terphenyl-d14
 Concen: 73.889 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112365.D
 Acq: 1 Feb 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-S

Tgt Ion:244 Resp: 1403182
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.4 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112365.D
 Acq: 1 Feb 2019 21:31

Tgt Ion:264 Resp: 344005
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.1 17.0 25.4

