

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
 Data File : BF112307.D
 Acq On : 29 Jan 2019 20:50
 Operator : JU/SJ
 Sample : K1266-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-S

Quant Time: Jan 30 00:10:49 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

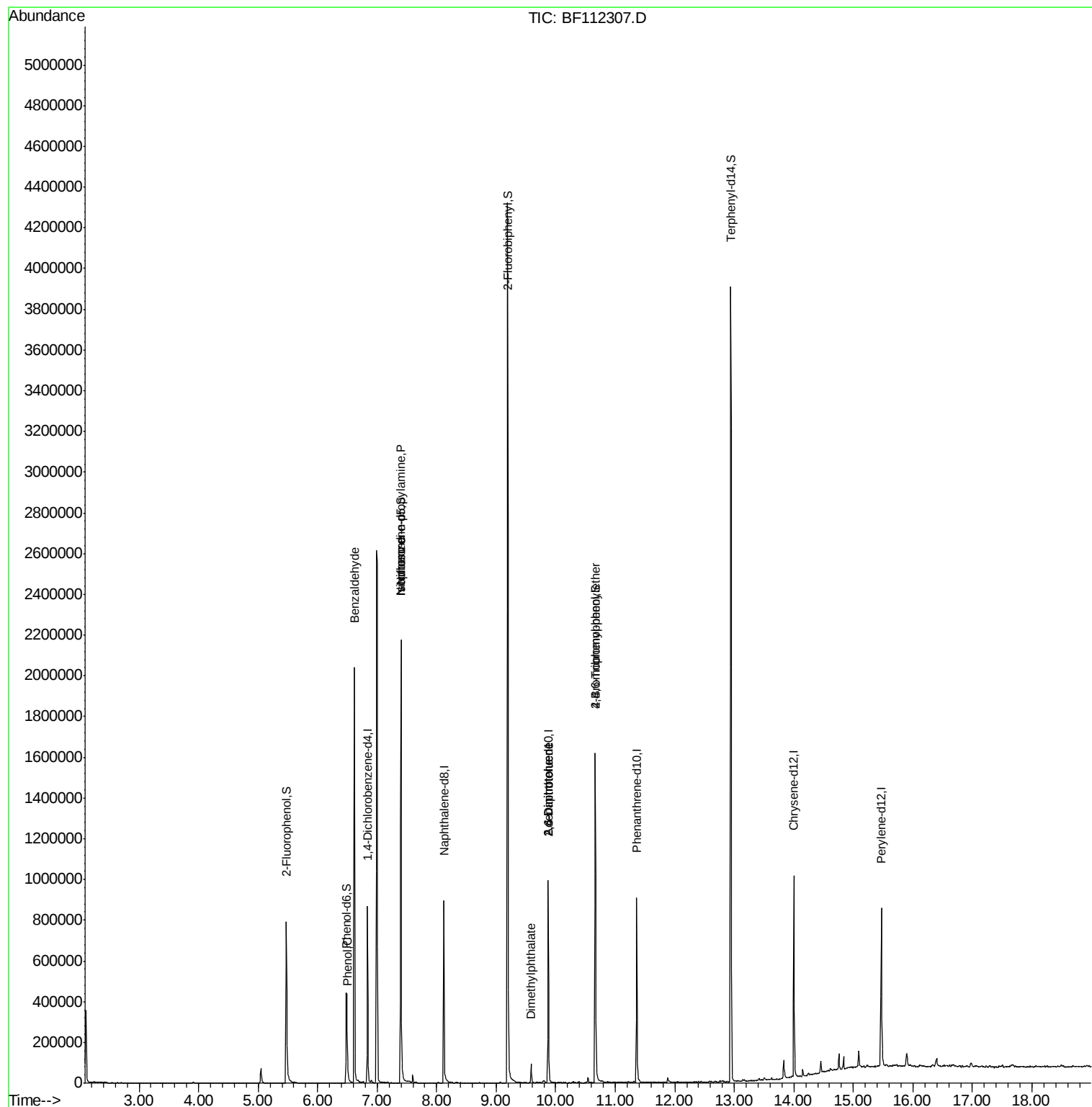
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	137022	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	468987	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	205708	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	390774	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	373361	20.00	ng	-0.01
87) Perylene-d12	15.47	264	338142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	262717	40.73	ng	0.00
7) Phenol-d6	6.49	99	183709	20.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	740888	91.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	212444	88.73	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1373975	94.47	ng	-0.01
79) Terphenyl-d14	12.94	244	1351190	68.16	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	12329	2.631	ng	85
10) Phenol	6.50	94	35511	3.611	ng	82
19) n-Nitroso-di-n-propylamine	7.40	70	100142	16.202	ng	# 77
25) Isophorone	7.40	82	737606	57.766	ng	# 63
50) Dimethylphthalate	9.59	163	42897	2.684	ng	100
51) 2,6-Dinitrotoluene	9.87	165	25373	7.089	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	25373	5.568	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	12061	2.624	ng	# 1

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

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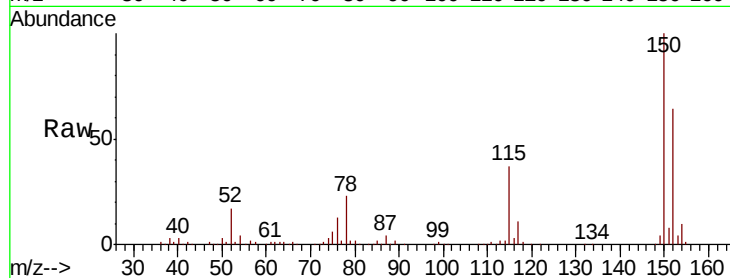


#1

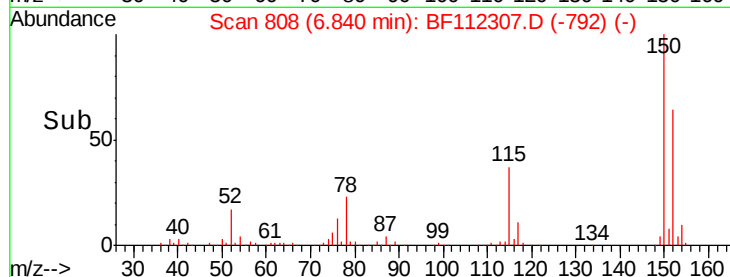
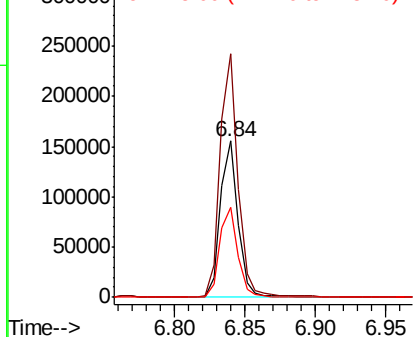
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-D-S

Tgt Ion:152 Resp: 137022
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 57.4 45.5 68.3



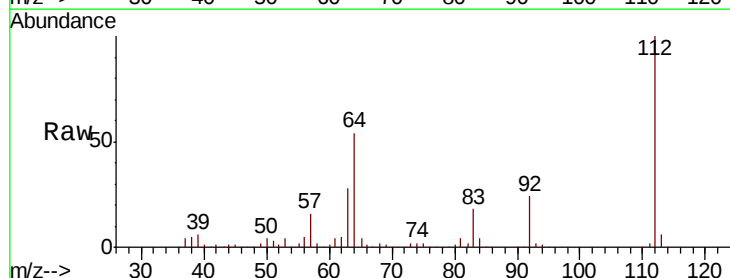
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



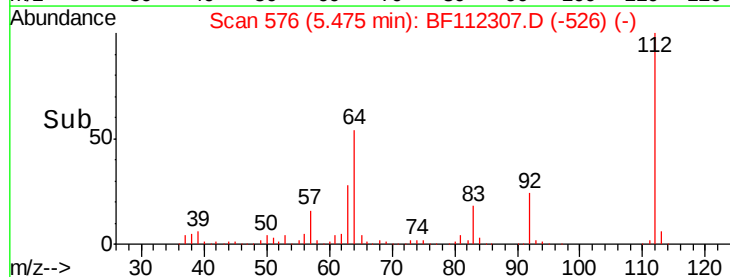
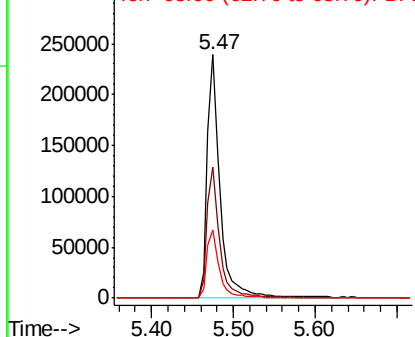
#5

2-Fluorophenol
Concen: 40.725 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

Tgt Ion:112 Resp: 262717
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 28.2 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: 20.494 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112307.D

Acq: 29 Jan 2019 20:50

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-S

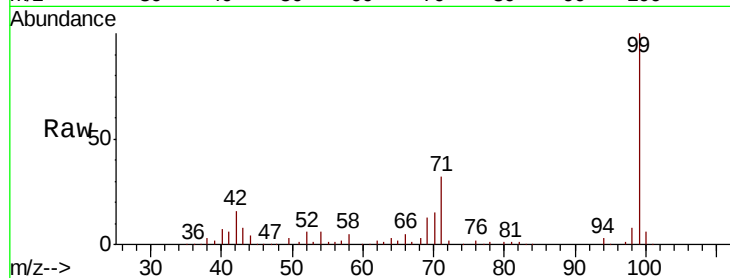
Tgt Ion: 99 Resp: 183709

Ion Ratio Lower Upper

99 100

42 16.3 15.1 22.7

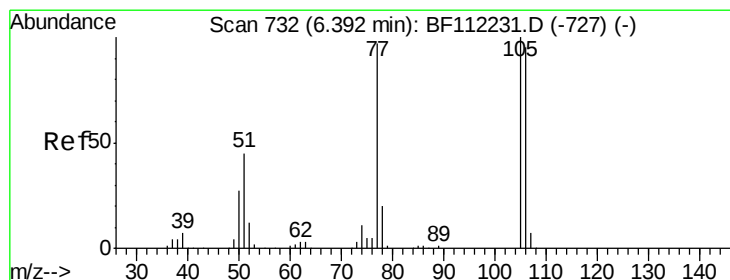
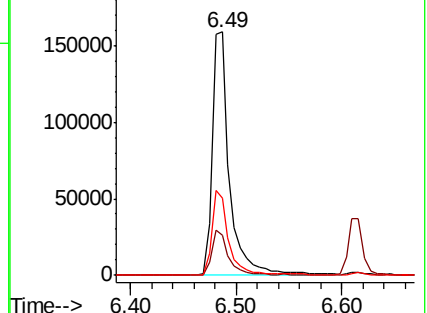
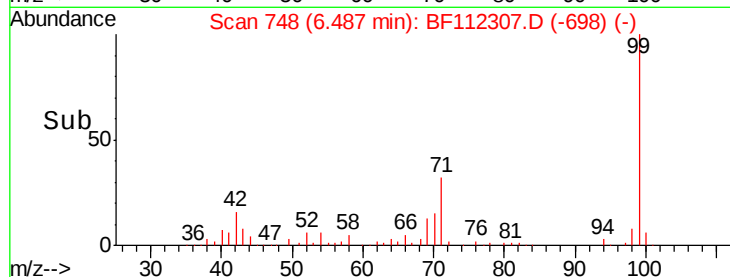
71 31.8 26.9 40.3



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: 2.631 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112307.D

Acq: 29 Jan 2019 20:50

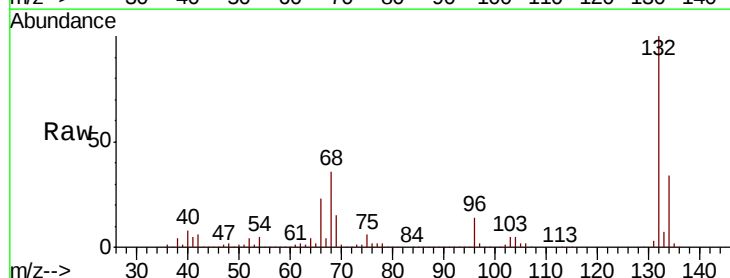
Tgt Ion: 77 Resp: 12329

Ion Ratio Lower Upper

77 100

105 82.8 80.8 120.8

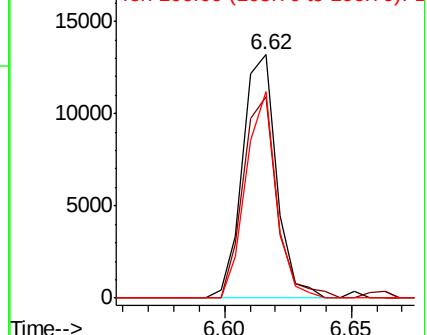
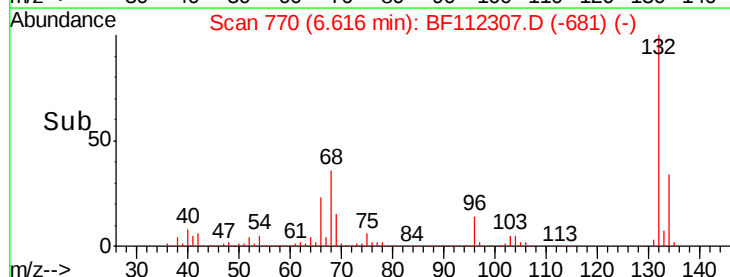
106 84.7 75.7 115.7

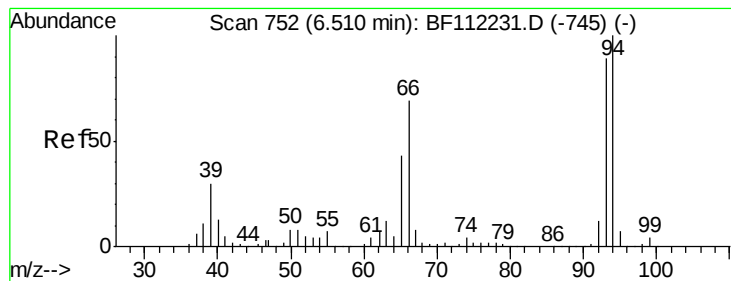


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.611 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112307.D

Acq: 29 Jan 2019 20:50

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-S

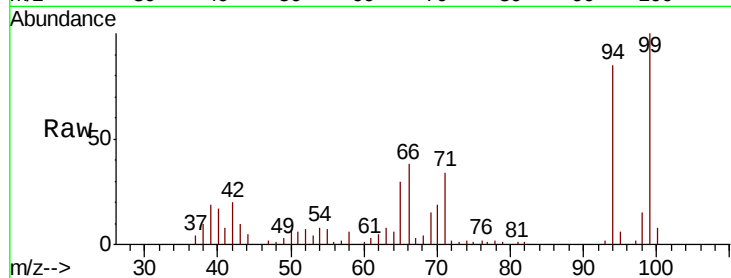
Tgt Ion: 94 Resp: 35511

Ion Ratio Lower Upper

94 100

65 35.1 20.3 60.3

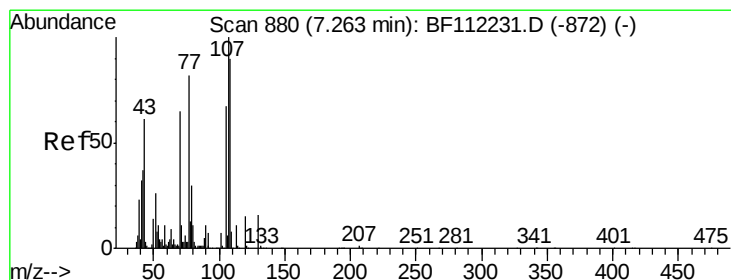
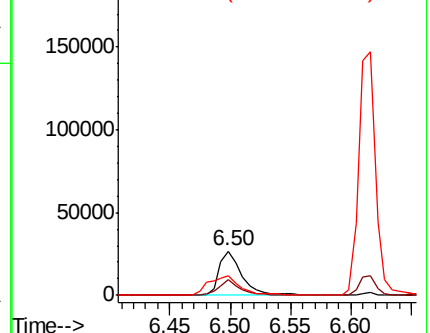
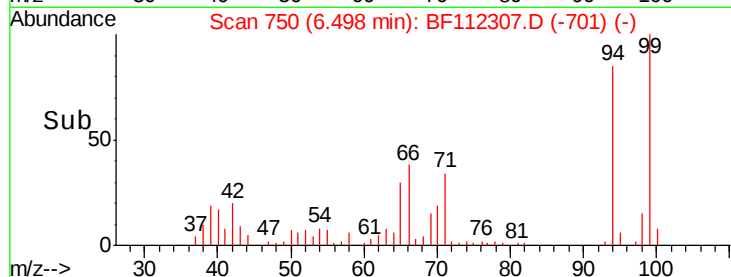
66 44.0 42.4 82.4



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: 16.202 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112307.D

Acq: 29 Jan 2019 20:50

Tgt Ion: 70 Resp: 100142

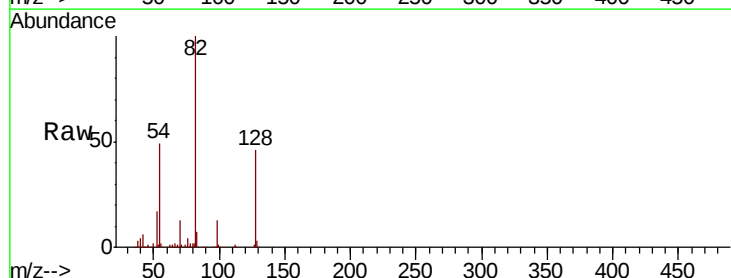
Ion Ratio Lower Upper

70 100

42 48.2 47.6 71.4

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#

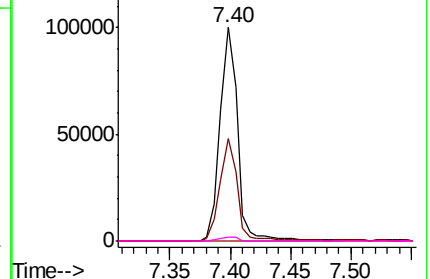
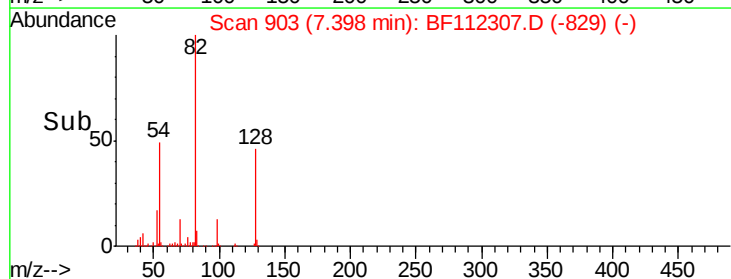


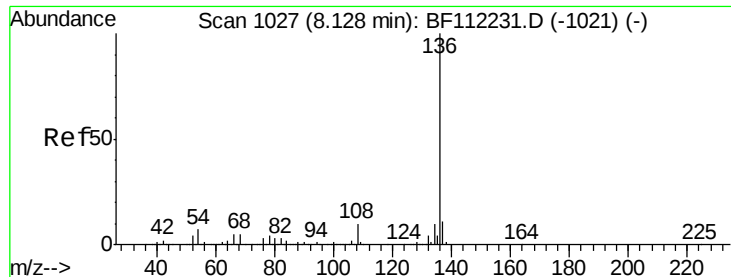
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

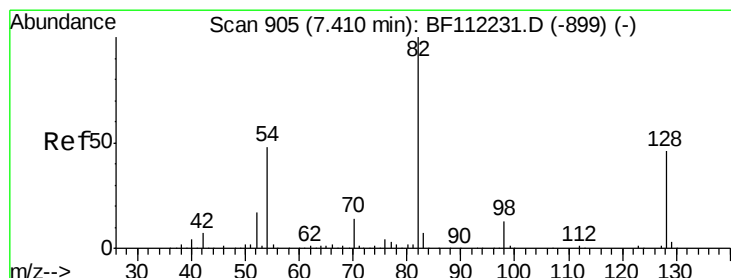
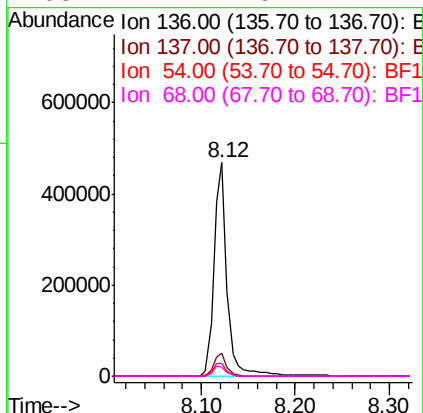
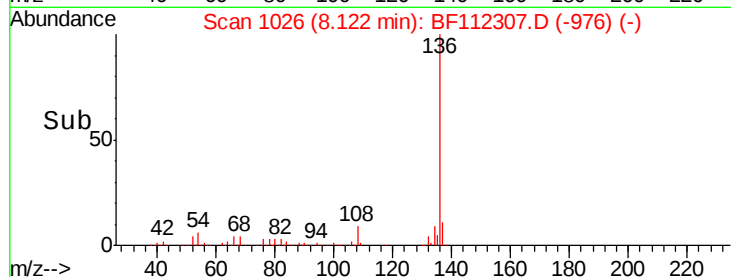
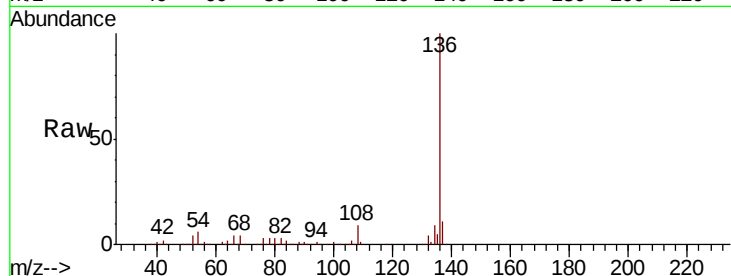




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

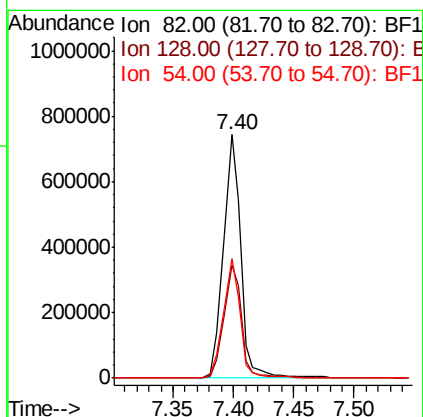
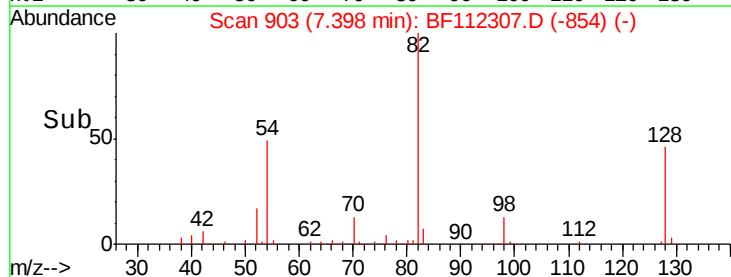
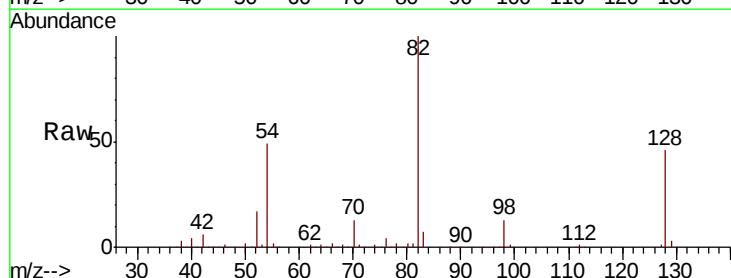
Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-D-S

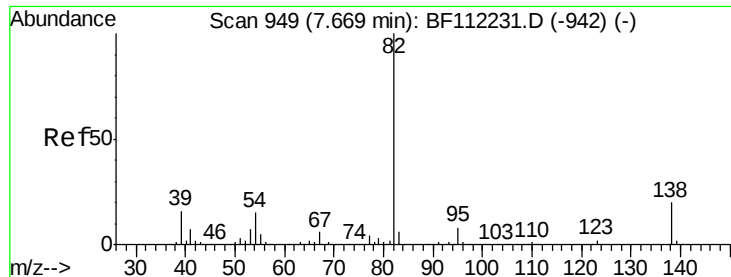
Tgt Ion:	136	Resp:	468987
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.0	5.9	8.9
68	4.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 91.026 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

Tgt Ion:	82	Resp:	740888
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	48.8	39.7	59.5





#25

Isophorone

Concen: 57.766 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112307.D

Acq: 29 Jan 2019 20:50

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-S

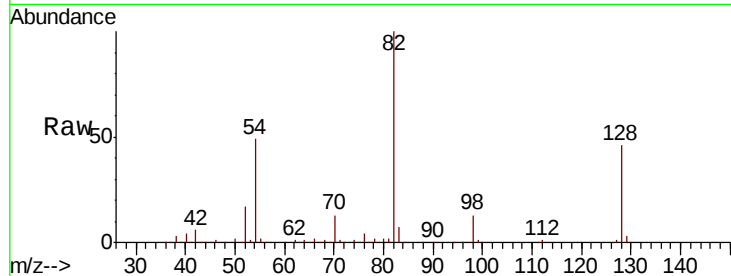
Tgt Ion: 82 Resp: 737606

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

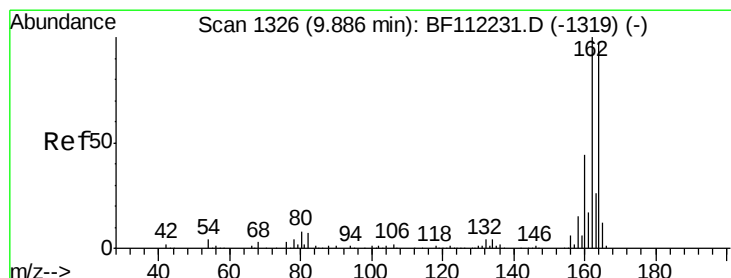
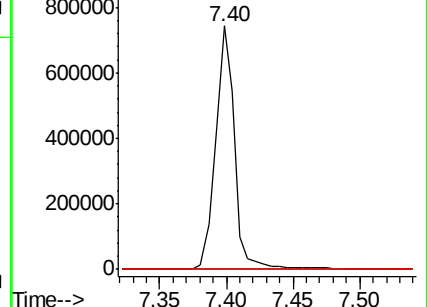
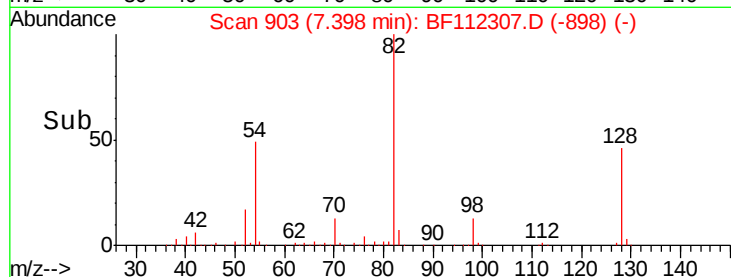
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112307.D

Acq: 29 Jan 2019 20:50

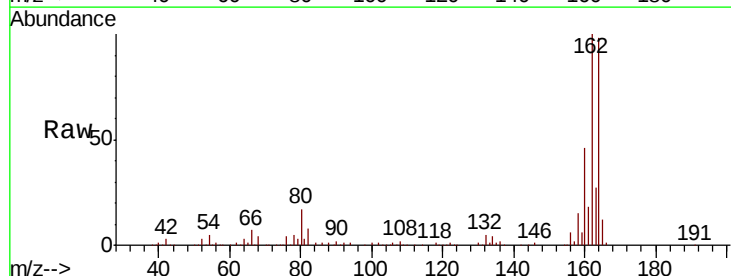
Tgt Ion: 164 Resp: 205708

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.4

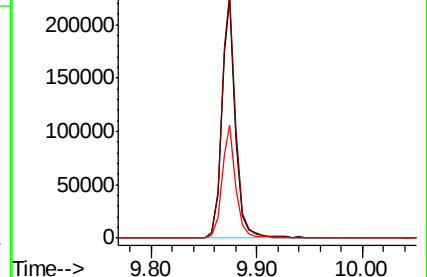
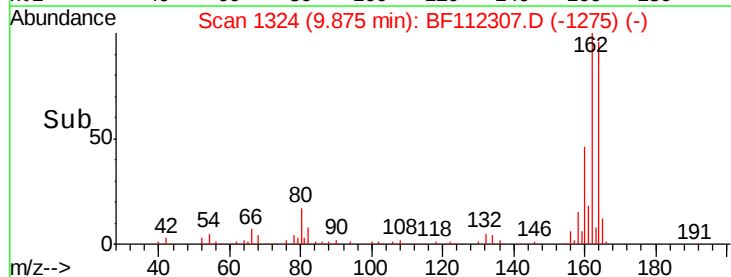
160 47.3 36.2 54.4

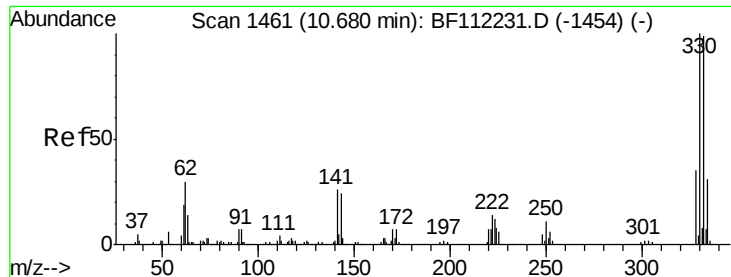


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

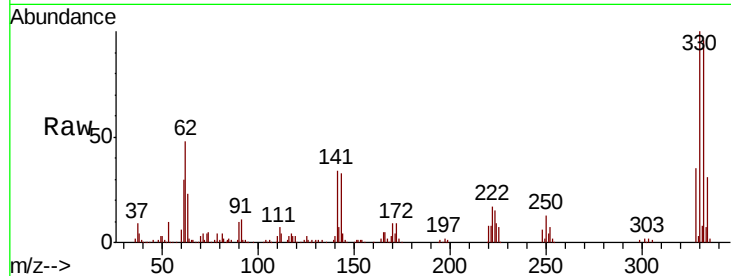




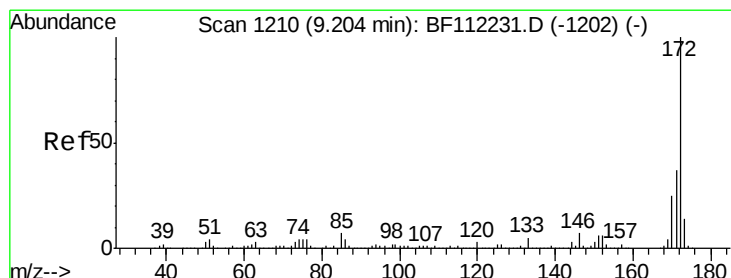
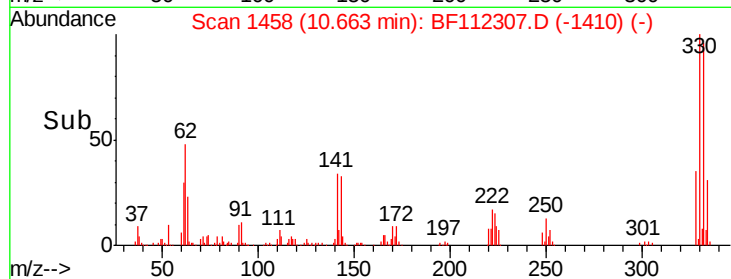
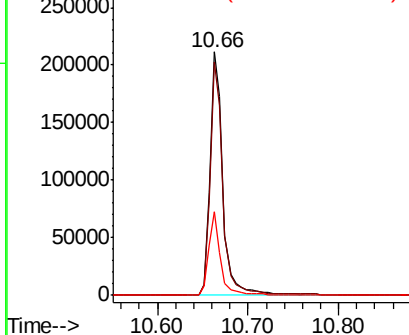
#42
 2,4,6-Tribromophenol
 Concen: 88.726 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112307.D
 Acq: 29 Jan 2019 20:50

Instrument :
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 012519-SIDI-E-D-S

Tgt Ion:330 Resp: 212444
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 32.2 24.3 36.5

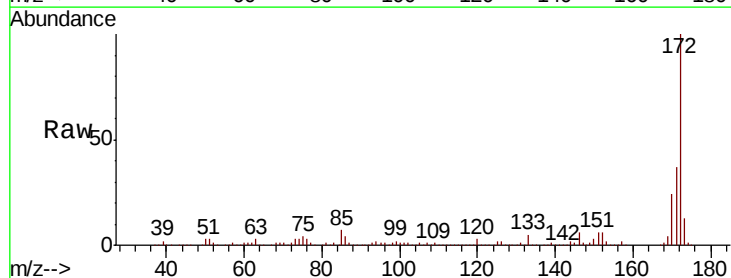


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

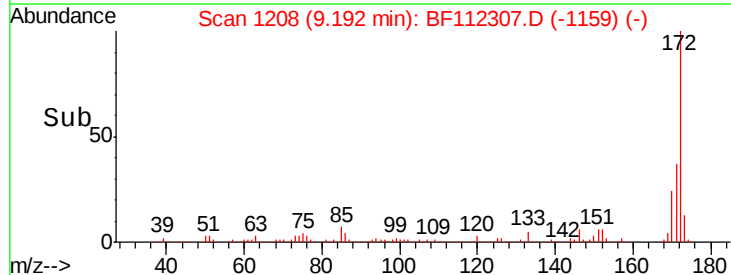
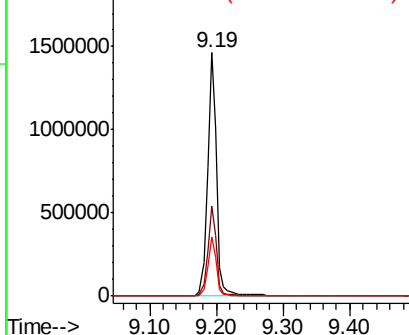


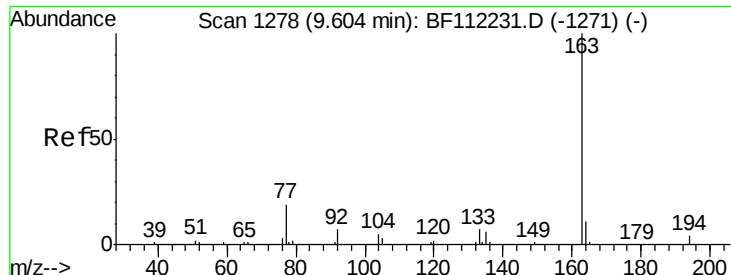
#45
 2-Fluorobiphenyl
 Concen: 94.467 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112307.D
 Acq: 29 Jan 2019 20:50

Tgt Ion:172 Resp: 1373975
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

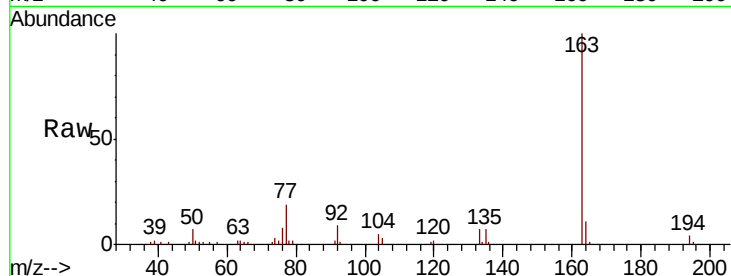




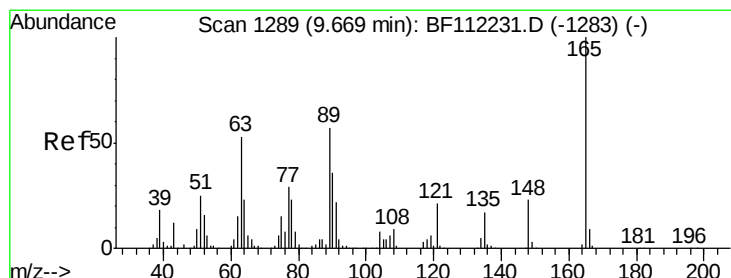
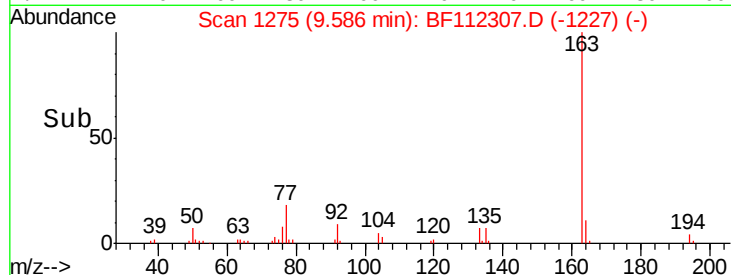
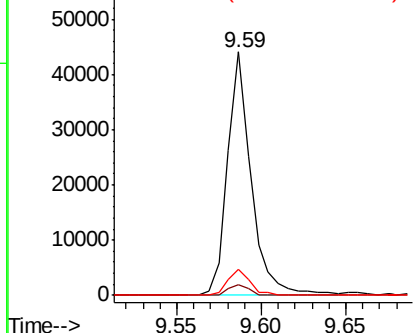
#50
Dimethylphthalate
Concen: 2.684 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-D-S

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.6	8.5	12.7

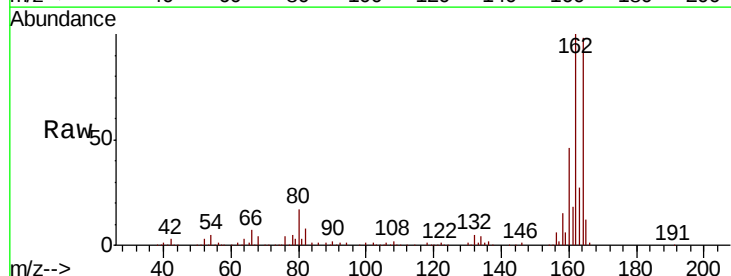


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

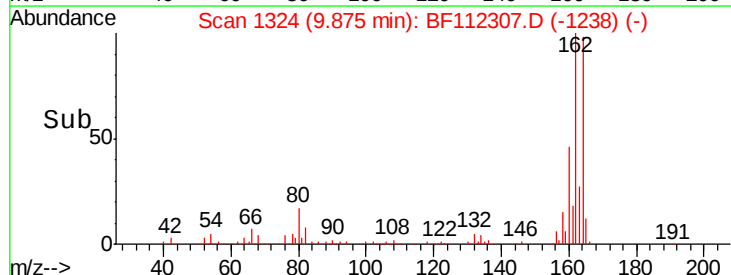
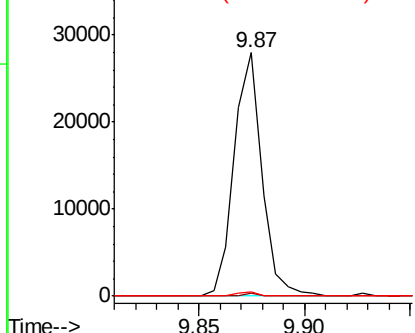


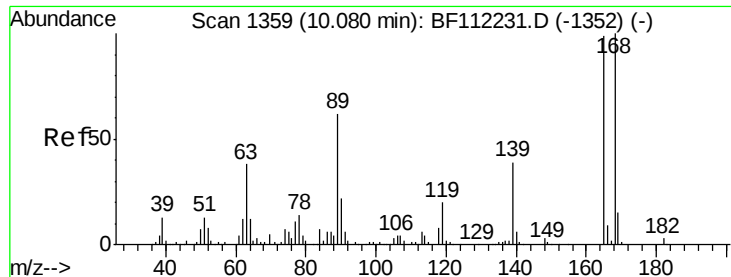
#51
2,6-Dinitrotoluene
Concen: 7.089 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.6	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

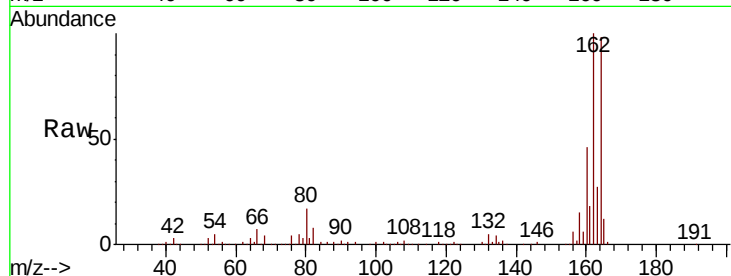




#57
 2,4-Dinitrotoluene
 Concen: 5.568 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112307.D
 Acq: 29 Jan 2019 20:50

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#

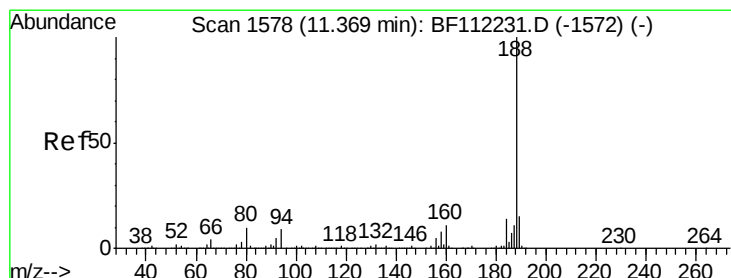
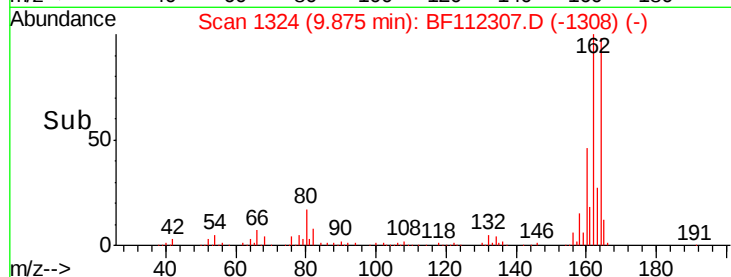
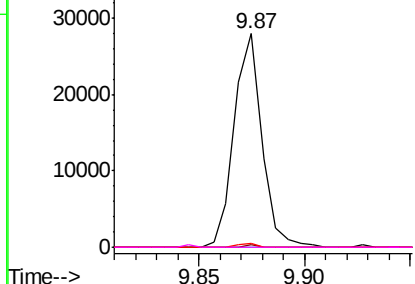


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

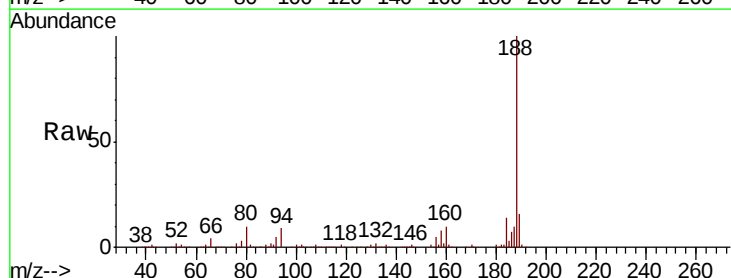
Ion 89.00 (88.70 to 89.70): BF1

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: BF112307.D
 Acq: 29 Jan 2019 20:50

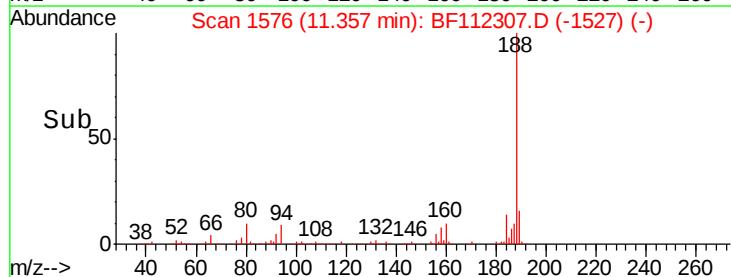
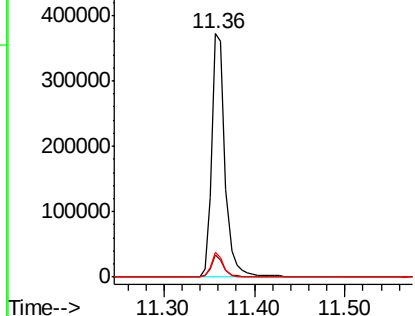
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.4	8.9	13.3

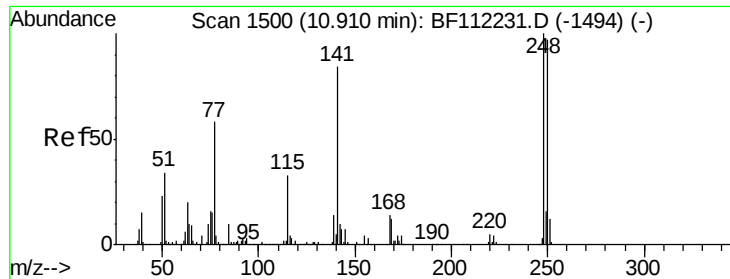


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

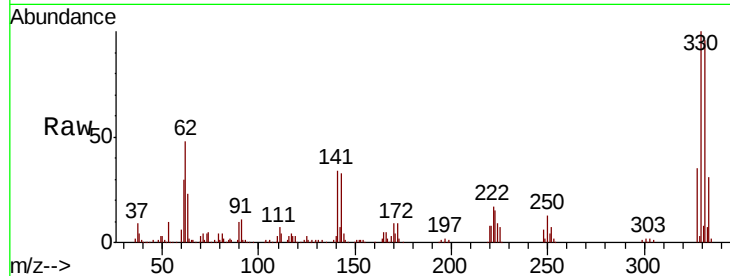




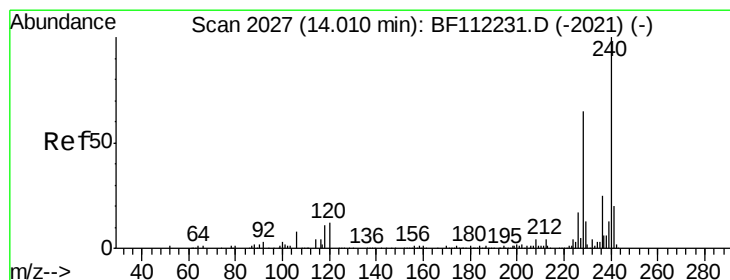
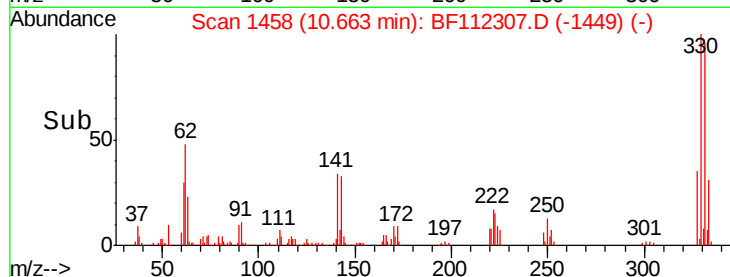
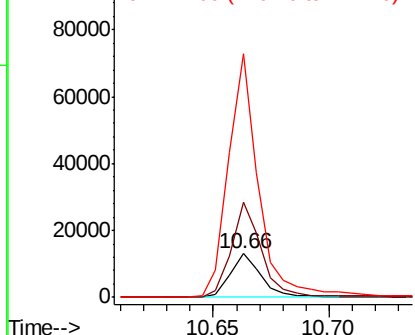
#67
4-Bromophenyl-phenylether
Concen: 2.624 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-D-S

Tgt Ion:248 Resp: 12061
Ion Ratio Lower Upper
248 100
250 215.8 79.7 119.5#
141 555.0 60.3 90.5#

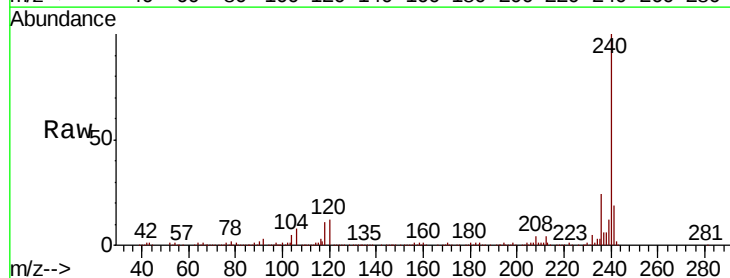


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

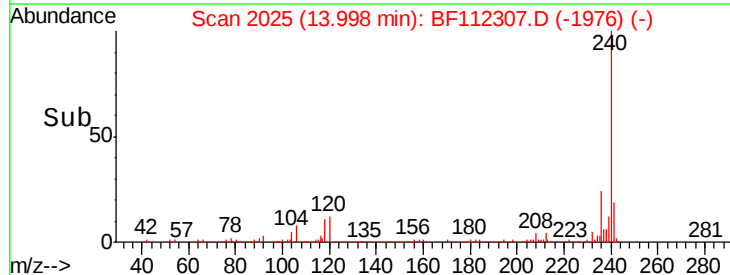
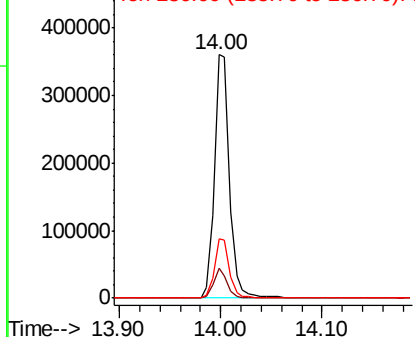


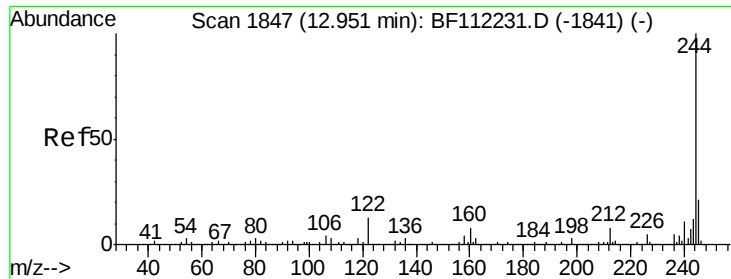
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112307.D
Acq: 29 Jan 2019 20:50

Tgt Ion:240 Resp: 373361
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 24.3 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

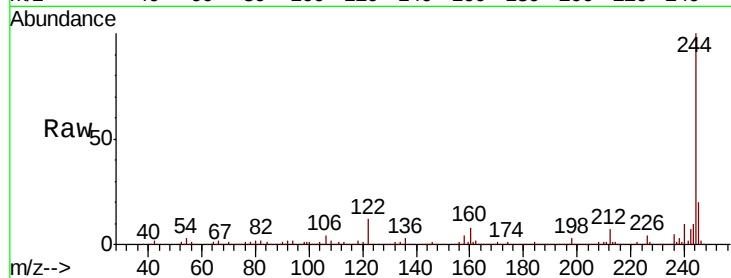




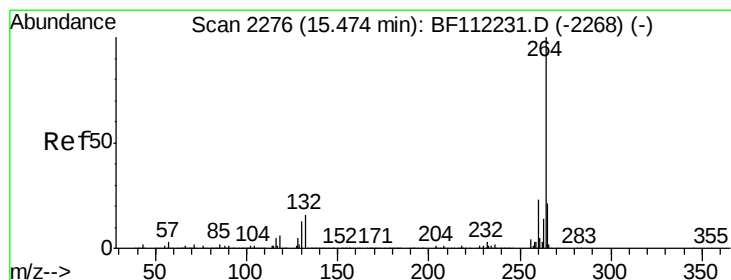
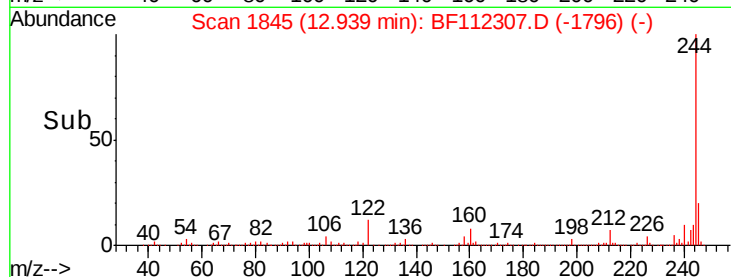
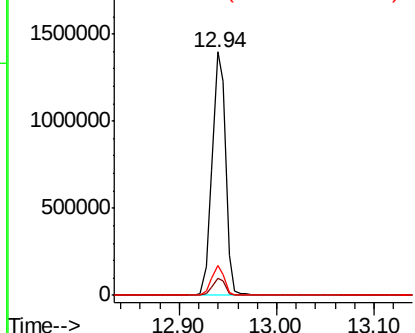
#79
 Terphenyl-d14
 Concen: 68.162 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112307.D
 Acq: 29 Jan 2019 20:50

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-S

Tgt Ion:244 Resp: 1351190
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.2 9.8 14.6

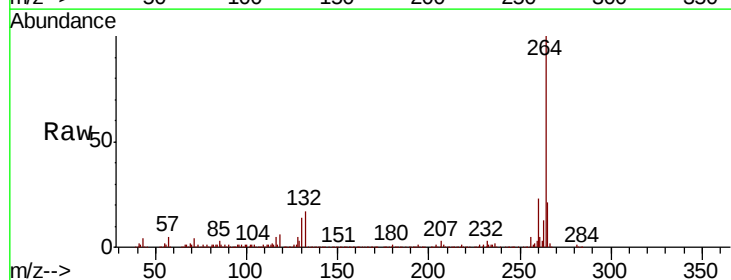


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112307.D
 Acq: 29 Jan 2019 20:50

Tgt Ion:264 Resp: 338142
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 21.3 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

