

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
 Data File : BF112306.D
 Acq On : 29 Jan 2019 20:22
 Operator : JU/SJ
 Sample : K1266-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jan 30 00:10:39 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

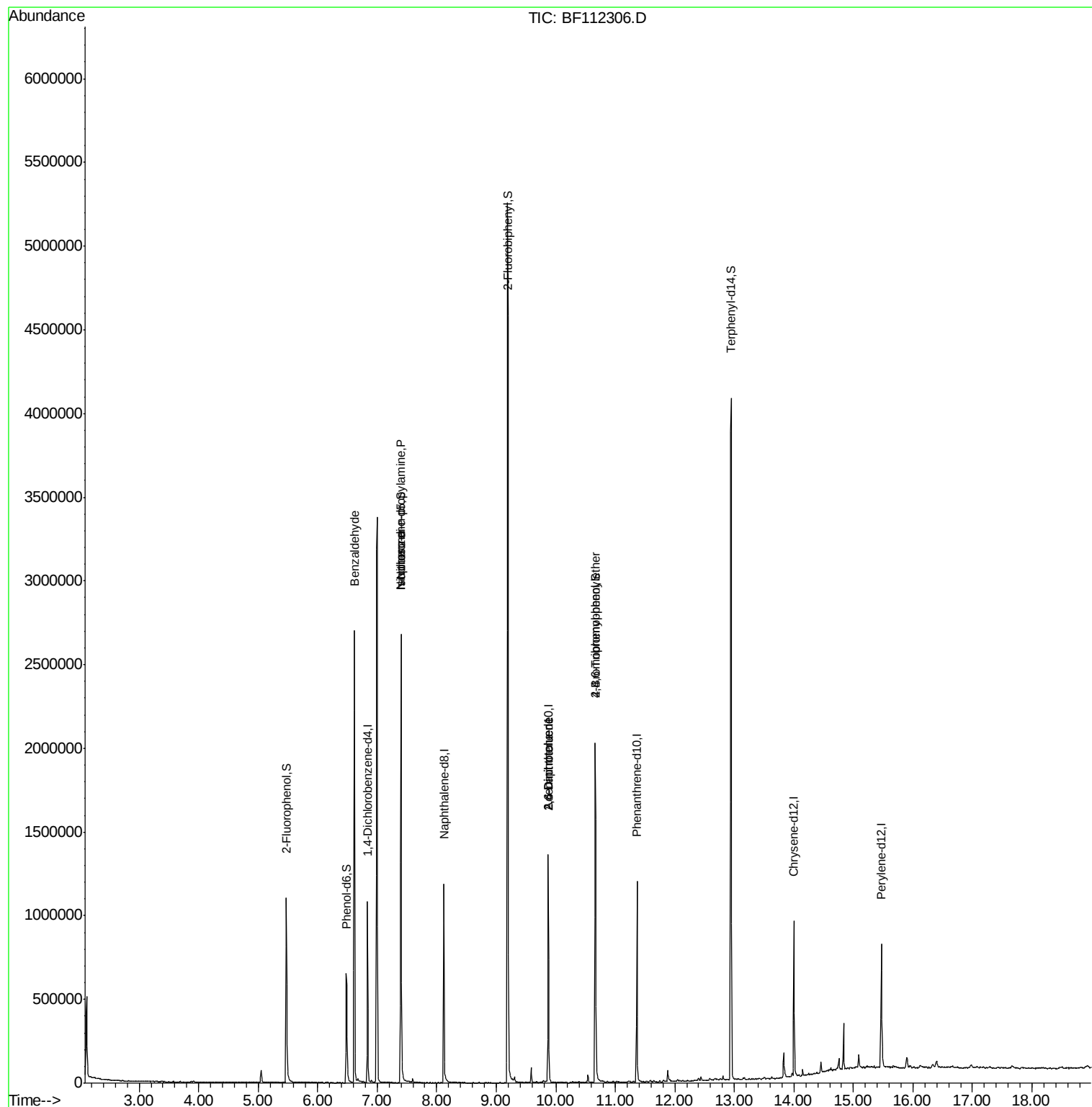
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162961	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	601593	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	279862	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	478868	20.00	ng	0.00
76) Chrysene-d12	14.00	240	353962	20.00	ng	0.00
87) Perylene-d12	15.47	264	329832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	348473	45.42	ng	0.00
7) Phenol-d6	6.48	99	259141	24.31	ng	-0.01
23) Nitrobenzene-d5	7.40	82	964408	92.37	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	273561	83.98	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1810896	91.52	ng	-0.01
79) Terphenyl-d14	12.95	244	1427146	75.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	16530	2.967	ng	# 76
19) n-Nitroso-di-n-propylamine	7.40	70	129947	17.677	ng	# 75
25) Isophorone	7.40	82	958034	58.491	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	36385	7.472	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	36386	5.869	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	16720	2.969	ng	# 1

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

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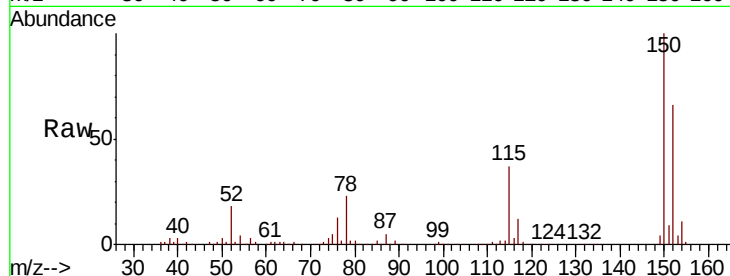


#1

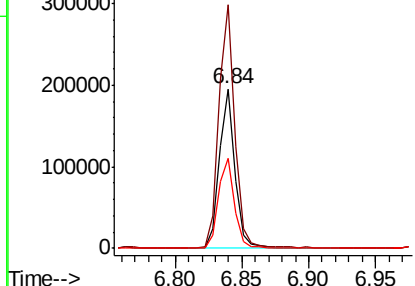
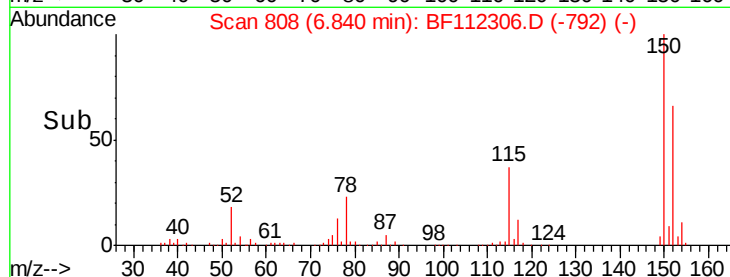
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

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

Tgt Ion:152 Resp: 162961
 Ion Ratio Lower Upper
 152 100
 150 152.5 127.4 191.0
 115 56.7 45.5 68.3



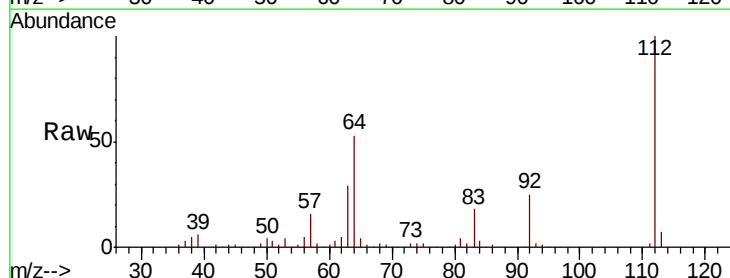
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



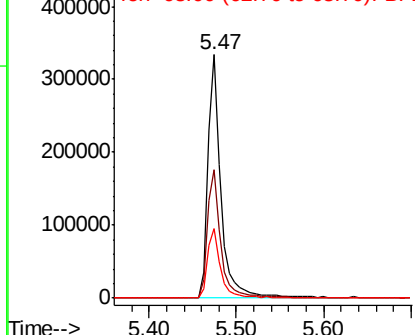
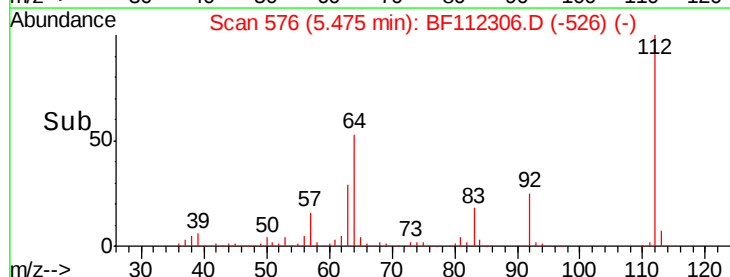
#5

2-Fluorophenol
 Concen: 45.421 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion:112 Resp: 348473
 Ion Ratio Lower Upper
 112 100
 64 53.0 45.7 68.5
 63 28.7 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: 24.308 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112306.D

Acq: 29 Jan 2019 20:22

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-M

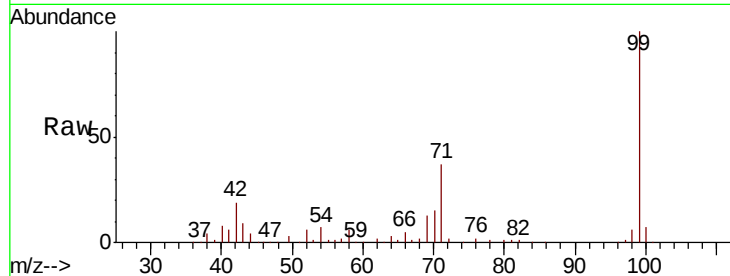
Tgt Ion: 99 Resp: 259141

Ion Ratio Lower Upper

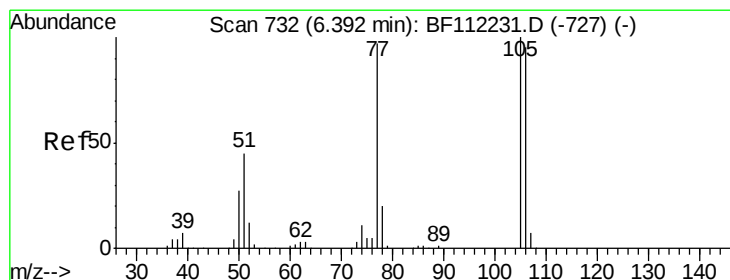
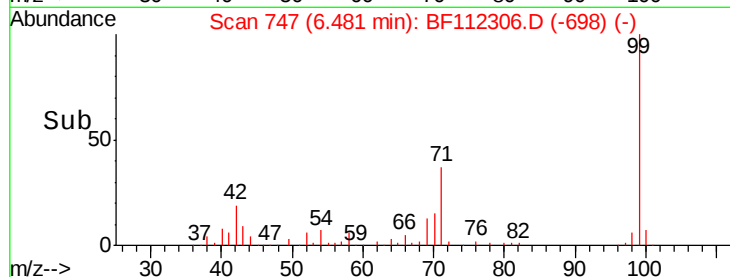
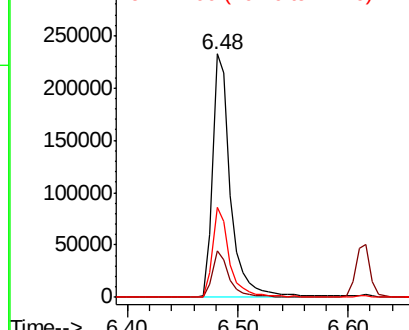
99 100

42 19.1 15.1 22.7

71 36.9 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: 2.967 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112306.D

Acq: 29 Jan 2019 20:22

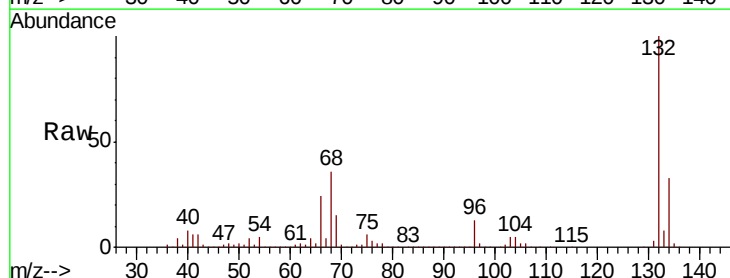
Tgt Ion: 77 Resp: 16530

Ion Ratio Lower Upper

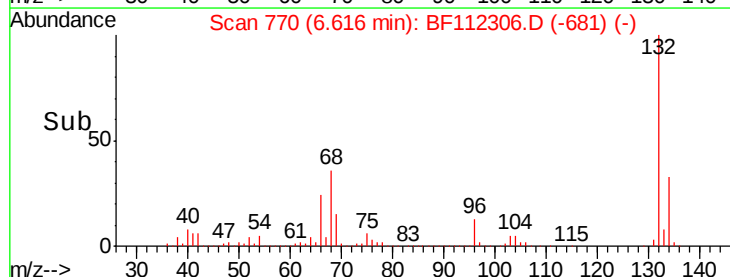
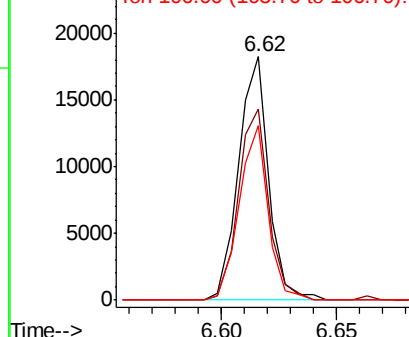
77 100

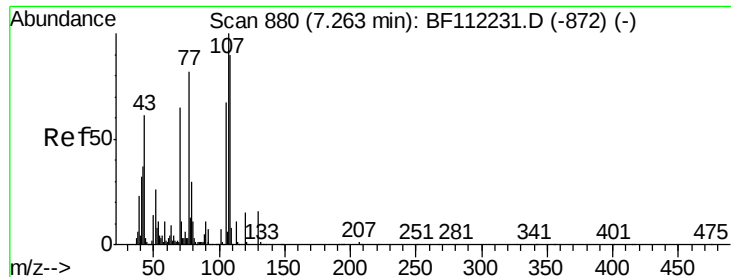
105 78.4 80.8 120.8#

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): E
Ion 106.00 (105.70 to 106.70): E

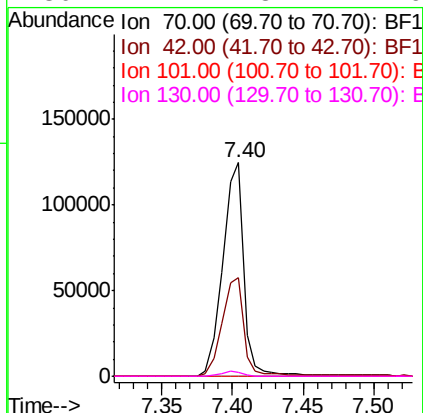
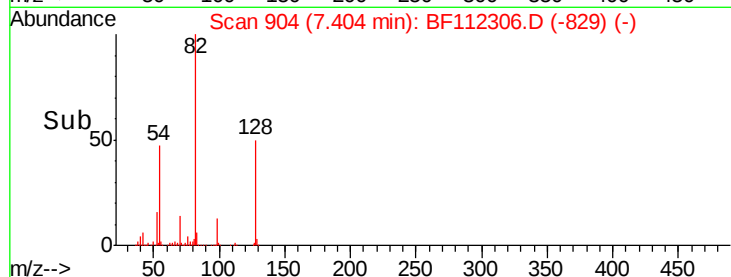
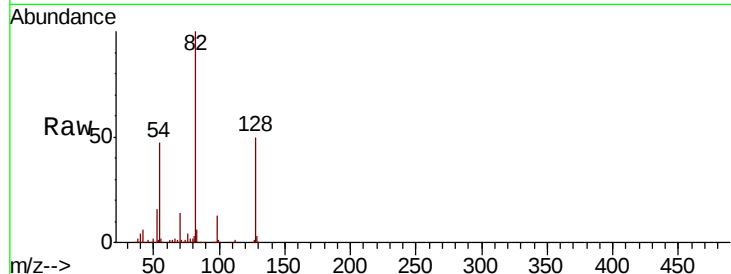




#19
n-Nitroso-di-n-propylamine
Concen: 17.677 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF112306.D
Acq: 29 Jan 2019 20:22

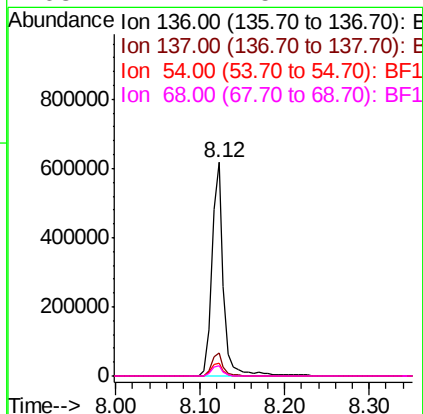
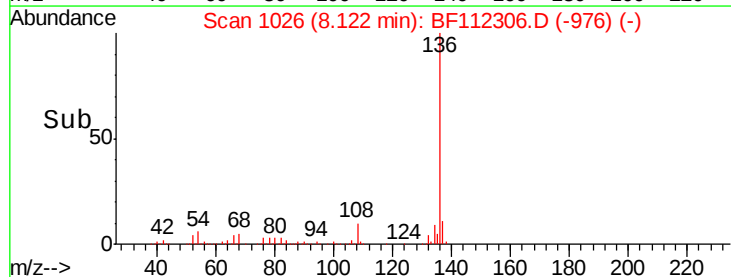
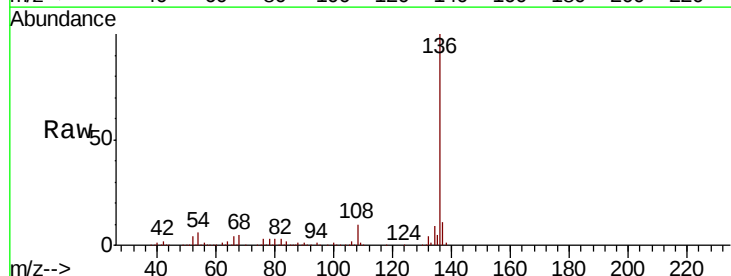
Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-D-M

Tgt Ion: 70 Resp: 129947
Ion Ratio Lower Upper
70 100
42 45.9 47.6 71.4#
101 0.0 7.9 11.9#
130 2.1 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: BF112306.D
Acq: 29 Jan 2019 20:22

Tgt Ion: 136 Resp: 601593
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.2 5.9 8.9
68 4.7 5.1 7.7#

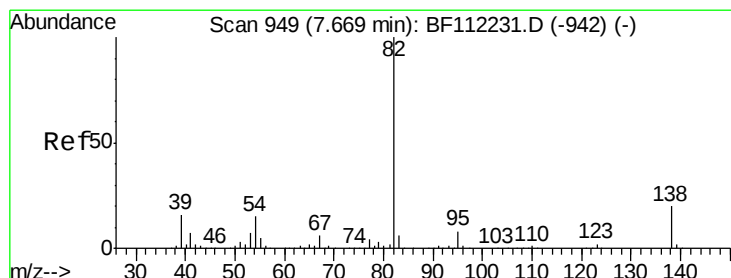
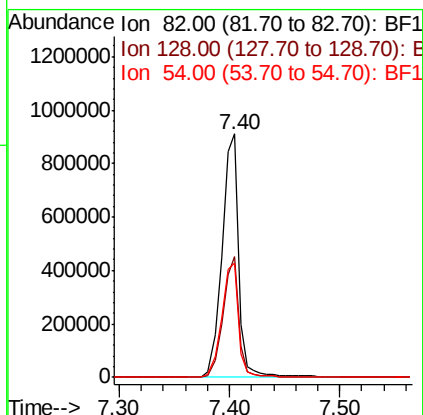
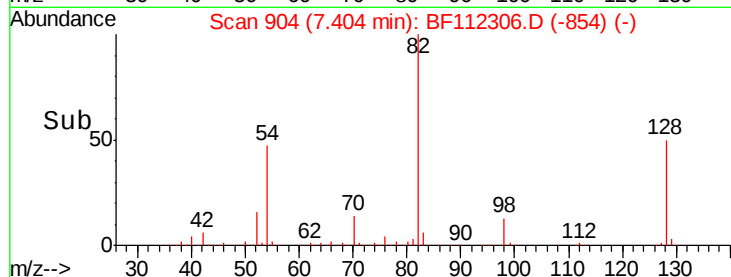
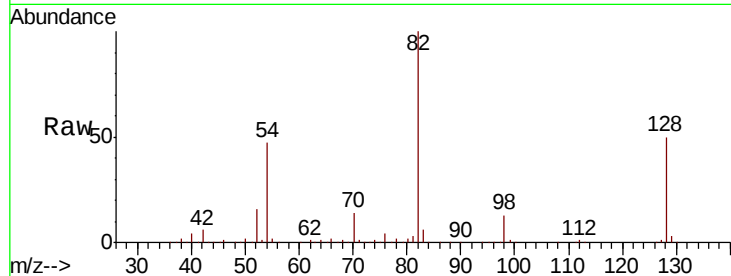




#23
Nitrobenzene-d5
Concen: 92.370 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112306.D
Acq: 29 Jan 2019 20:22

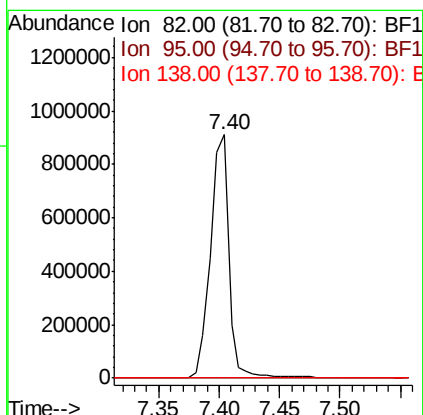
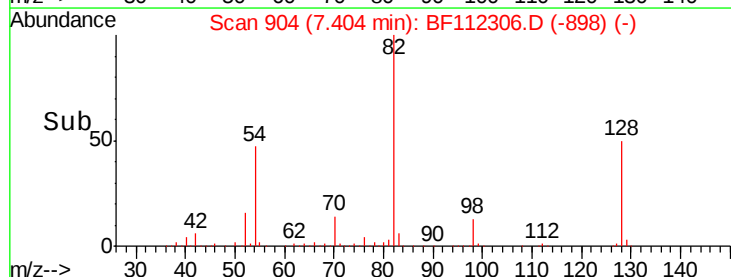
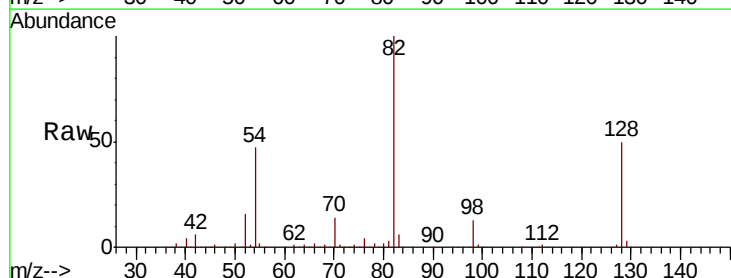
Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-D-M

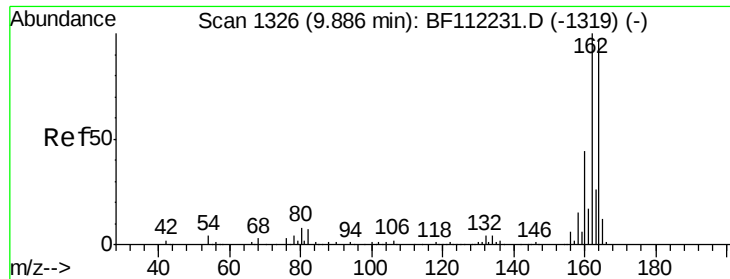
Tgt Ion: 82 Resp: 964408
Ion Ratio Lower Upper
82 100
128 49.5 37.8 56.8
54 46.8 39.7 59.5



#25
Isophorone
Concen: 58.491 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF112306.D
Acq: 29 Jan 2019 20:22

Tgt Ion: 82 Resp: 958034
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

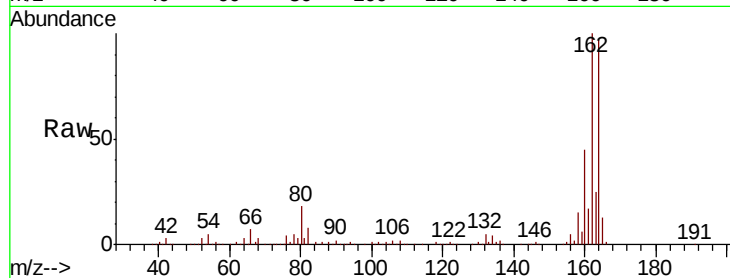




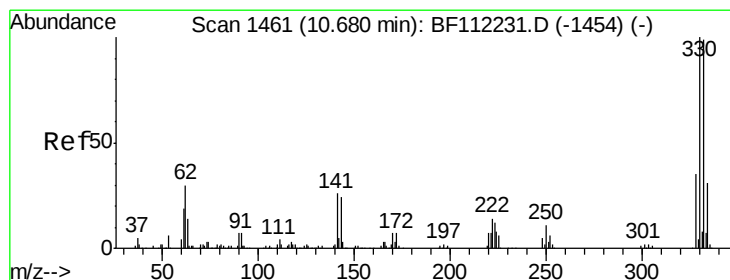
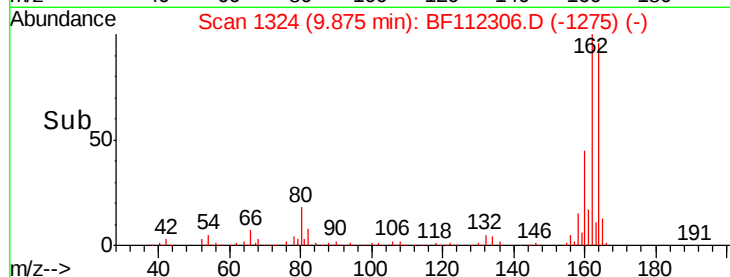
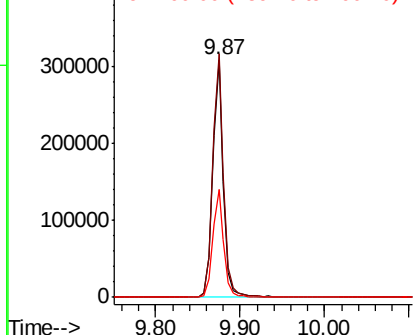
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

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

Tgt Ion:164 Resp: 279862
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.2 123.4
 160 45.7 36.2 54.4

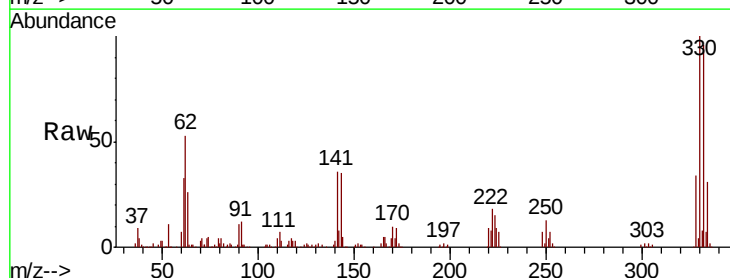


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

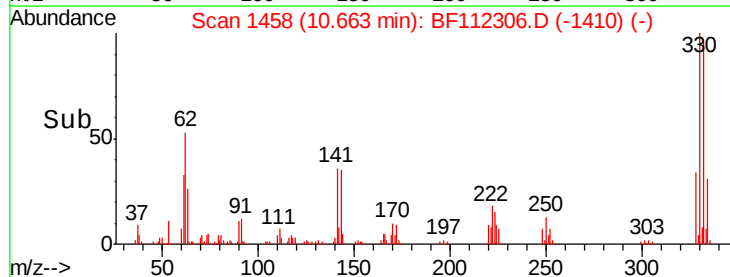
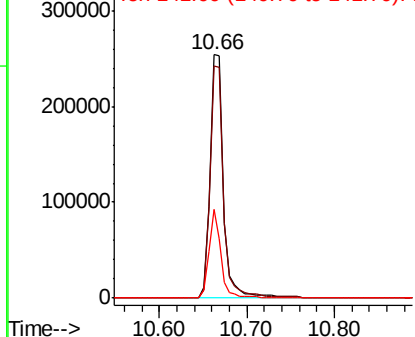


#42
 2,4,6-Tribromophenol
 Concen: 83.978 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion:330 Resp: 273561
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.4 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

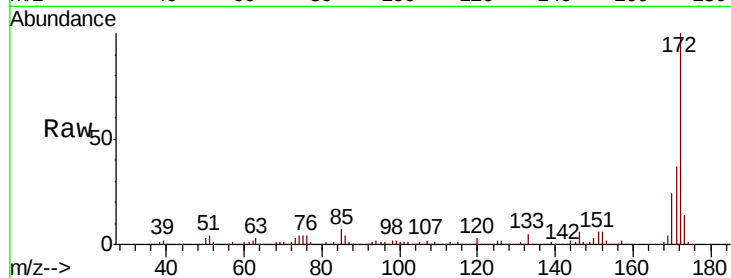




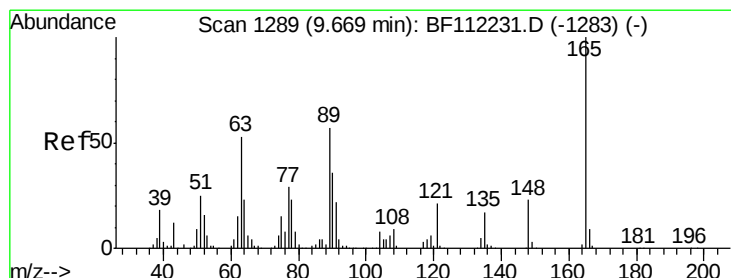
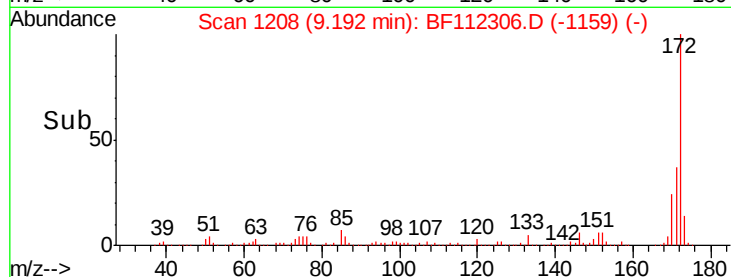
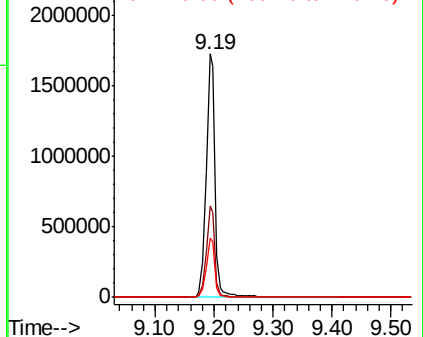
#45
 2-Fluorobiphenyl
 Concen: 91.517 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Instrument :
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 ClientSampleId :
 012519-SIDI-E-D-M

Tgt Ion:172 Resp: 1810896
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 24.5 20.2 30.4

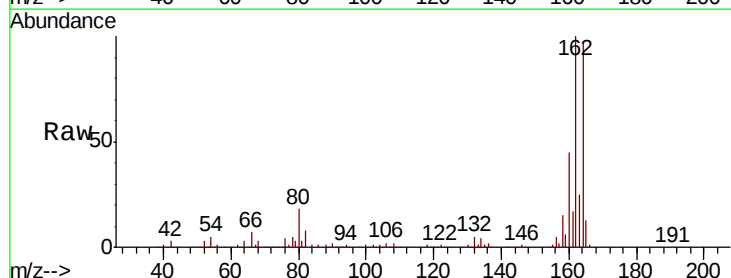


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

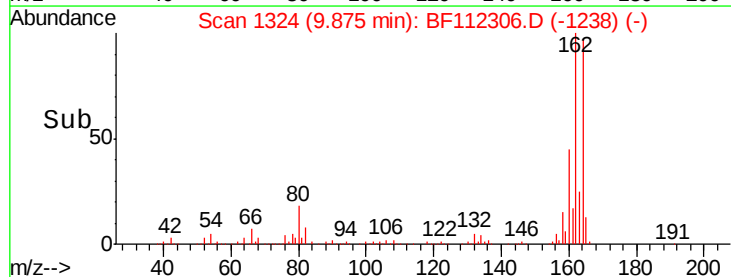
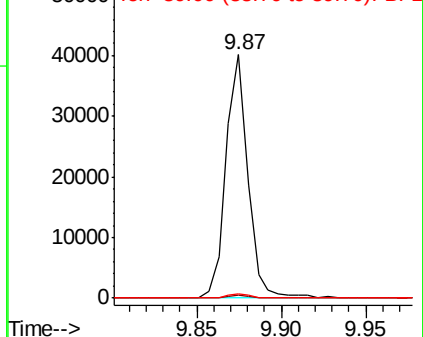


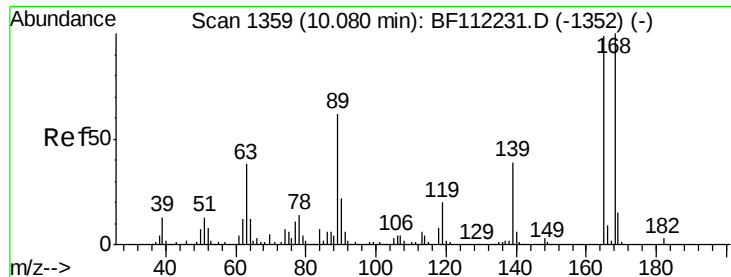
#51
 2,6-Dinitrotoluene
 Concen: 7.472 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion:165 Resp: 36385
 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

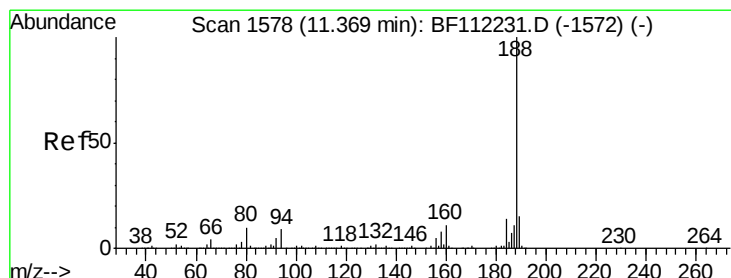
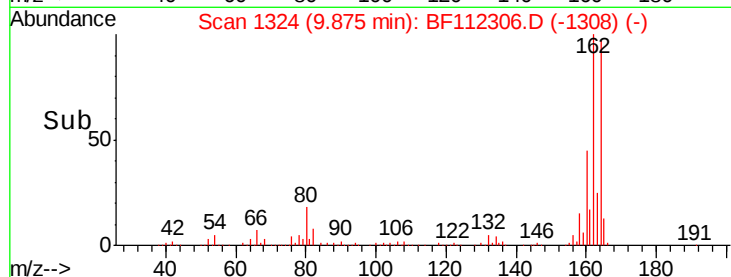
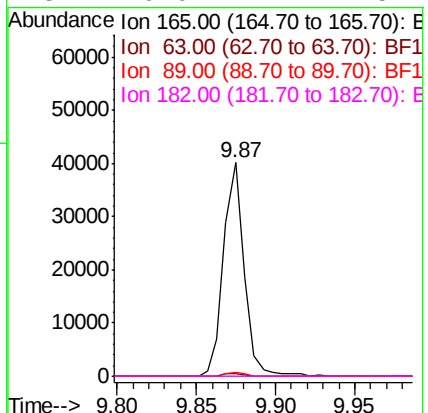
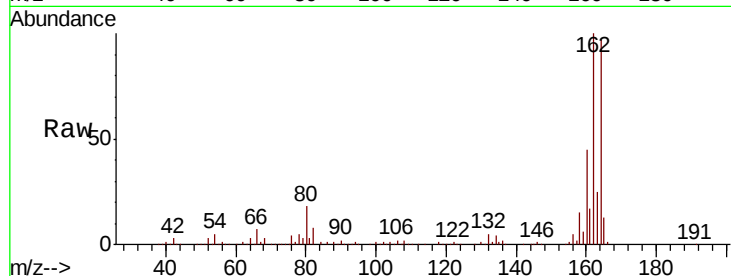




#57
 2,4-Dinitrotoluene
 Concen: 5.869 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

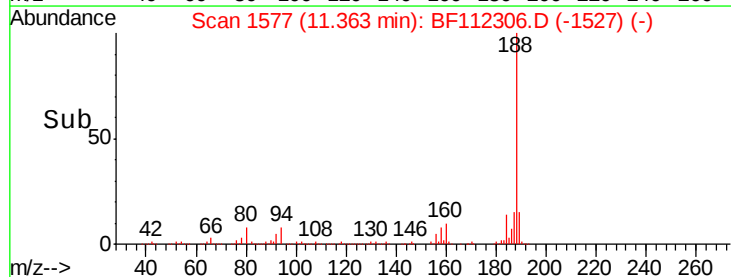
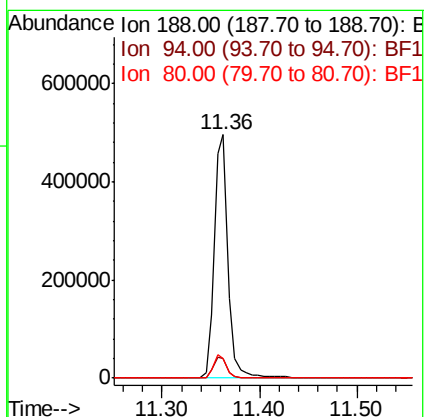
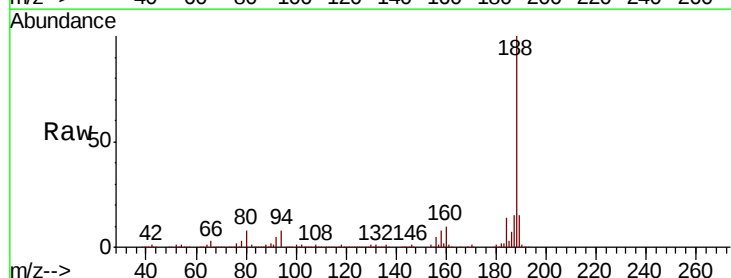
Instrument :
 BNA_F
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 012519-SIDI-E-D-M

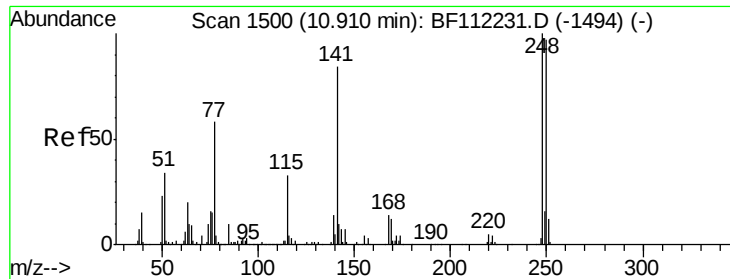
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.1	8.9	13.3#





#67

4-Bromophenyl-phenylether

Concen: 2.969 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112306.D

Acq: 29 Jan 2019 20:22

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-M

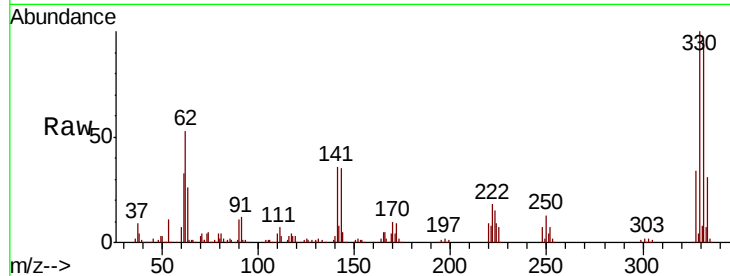
Tgt Ion:248 Resp: 16720

Ion Ratio Lower Upper

248 100

250 188.9 79.7 119.5#

141 527.0 60.3 90.5#

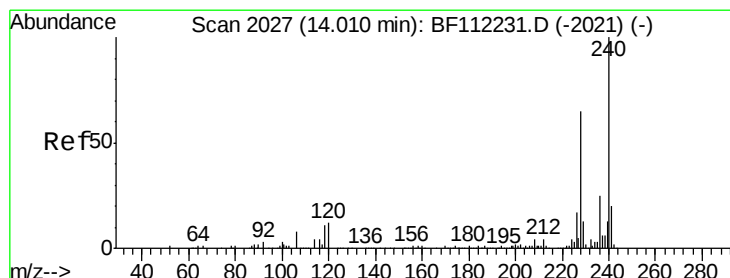
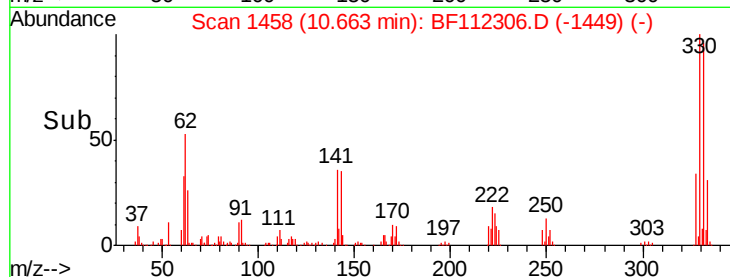
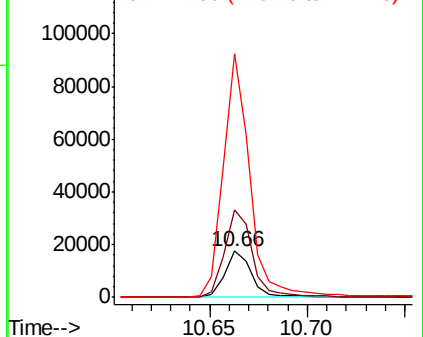


Abundance

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# 2026

Delta R.T. -0.01 min

Lab File: BF112306.D

Acq: 29 Jan 2019 20:22

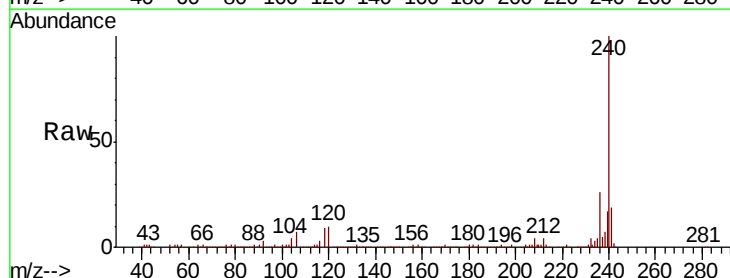
Tgt Ion:240 Resp: 353962

Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.6

236 25.9 20.7 31.1

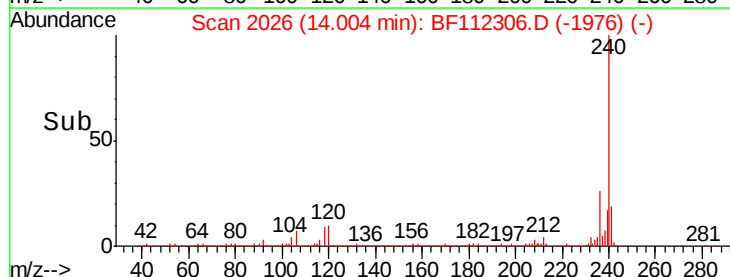
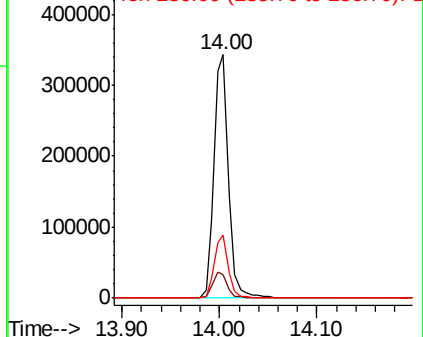


Abundance

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

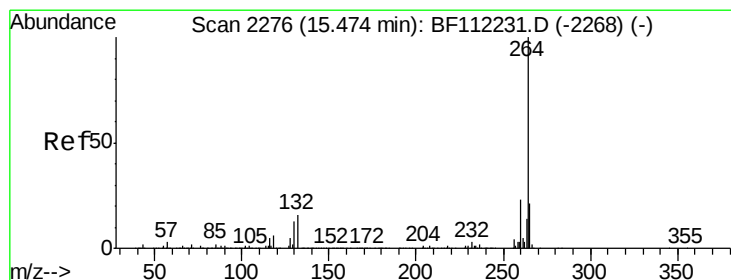
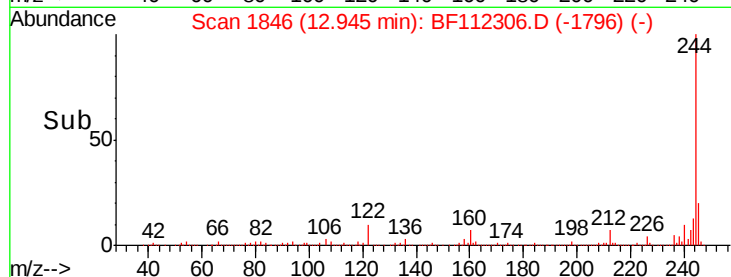
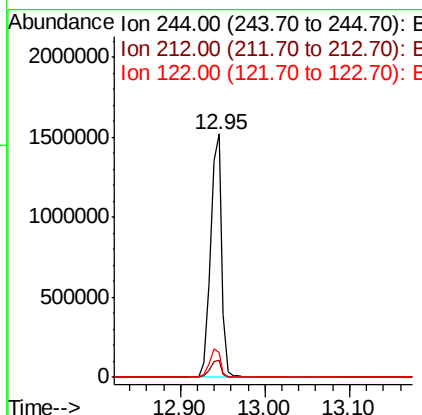
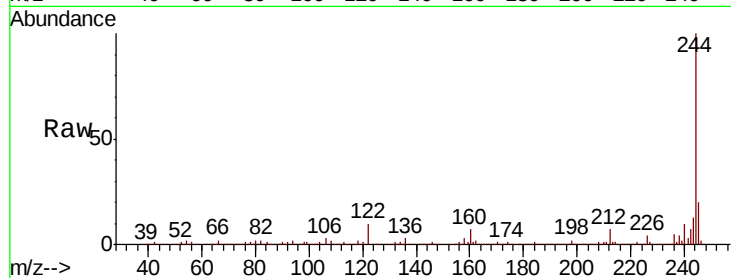




#79
 Terphenyl-d14
 Concen: 75.939 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

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

Tgt Ion:244 Resp: 1427146
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.1 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: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion:264 Resp: 329832
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 21.6 17.0 25.4

