

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012819\
 Data File : BF112283.D
 Acq On : 28 Jan 2019 19:11
 Operator : JU/SJ
 Sample : K1261-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Quant Time: Jan 29 00:07:13 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

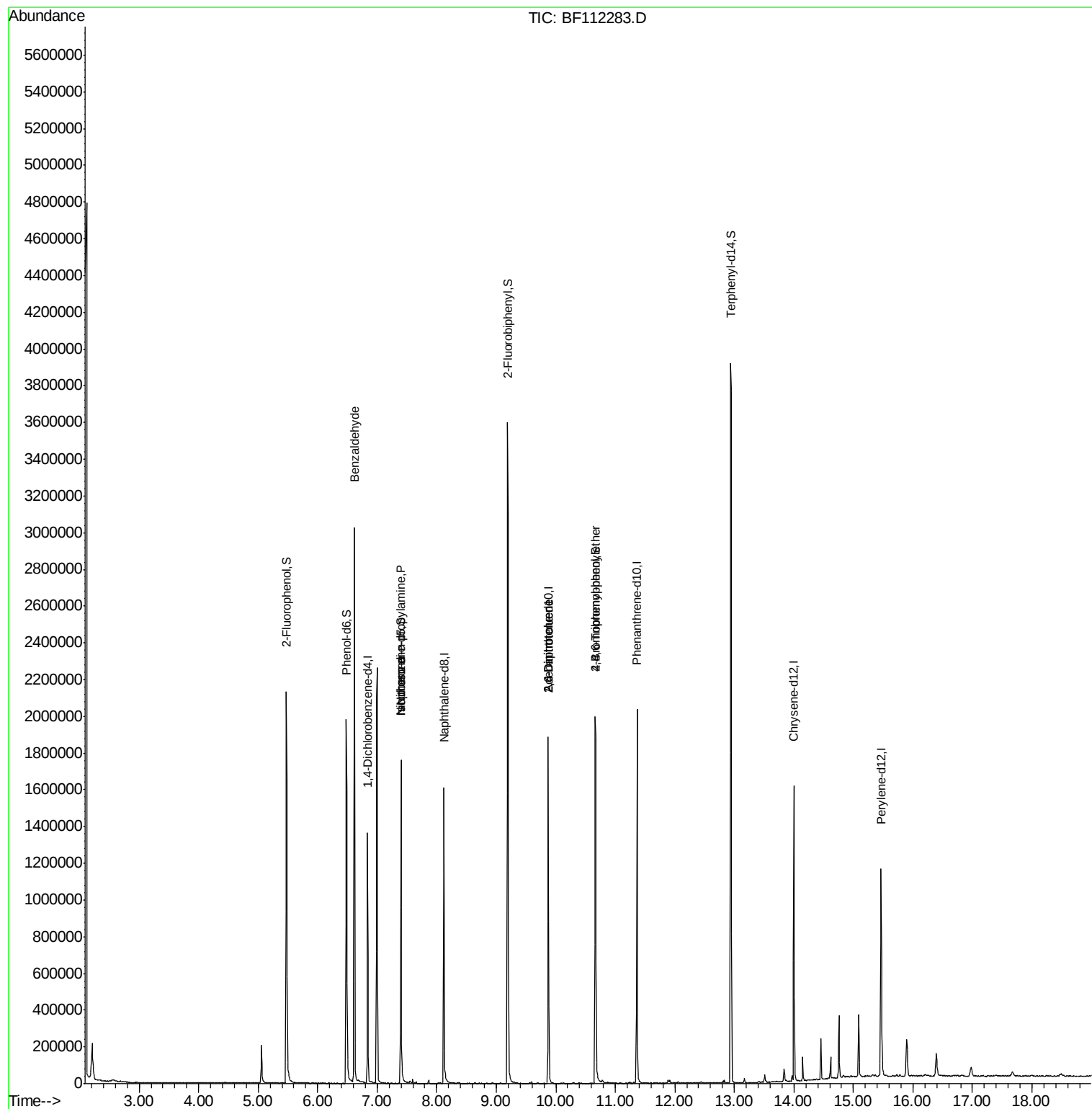
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	196265	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	776059	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	390281	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	757528	20.00	ng	0.00
76) Chrysene-d12	14.00	240	569250	20.00	ng	-0.01
87) Perylene-d12	15.46	264	438939	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	639195	69.18	ng	0.00
7) Phenol-d6	6.48	99	734315	57.19	ng	-0.01
23) Nitrobenzene-d5	7.40	82	560801	41.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	293048	64.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1237819	44.86	ng	-0.01
79) Terphenyl-d14	12.95	244	1407495	46.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	17119	2.551	ng	85
19) n-Nitroso-di-n-propylamine	7.40	70	74528	8.418	ng	# 75
25) Isophorone	7.40	82	560797	26.541	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	51519	7.586	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	51520	5.959	ng	# 31
67) 4-Bromophenyl-phenylether	10.67	248	17965	2.016	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: BF112283.D

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Instrument :

BNA_F

ClientSampleId :

EL-EAST-OF-JDHS

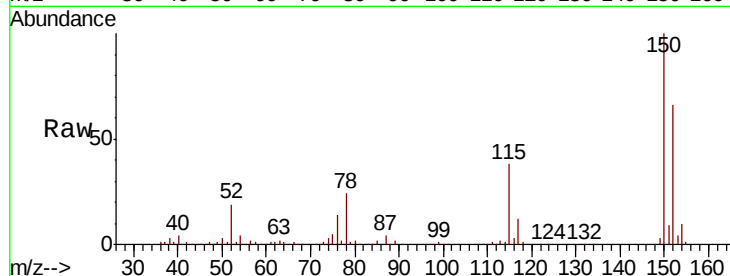
Tgt Ion:152 Resp: 196265

Ion Ratio Lower Upper

152 100

150 152.4 127.4 191.0

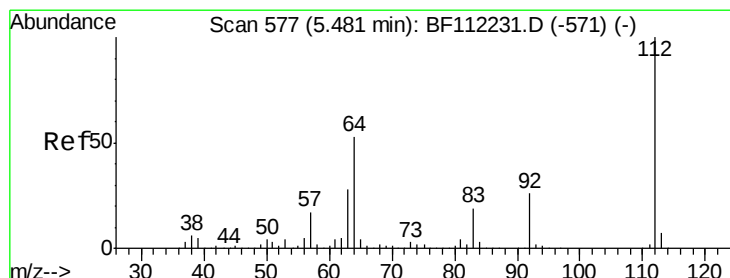
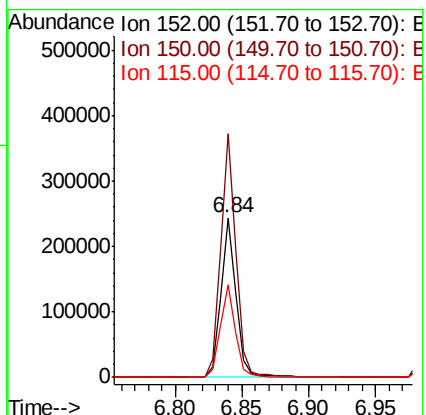
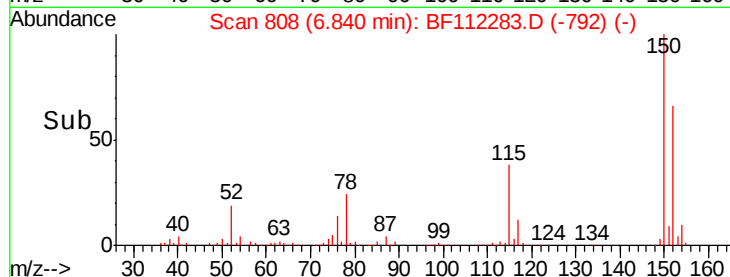
115 57.9 45.5 68.3



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: 69.176 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112283.D

Acq: 28 Jan 2019 19:11

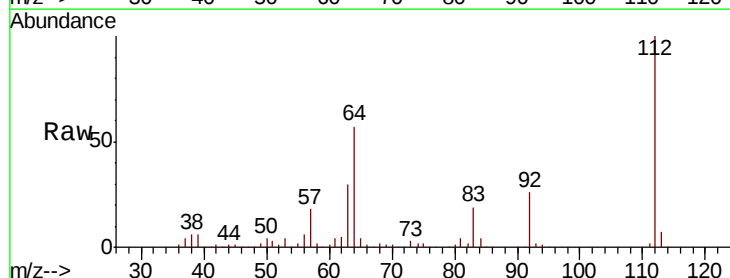
Tgt Ion:112 Resp: 639195

Ion Ratio Lower Upper

112 100

64 57.4 45.7 68.5

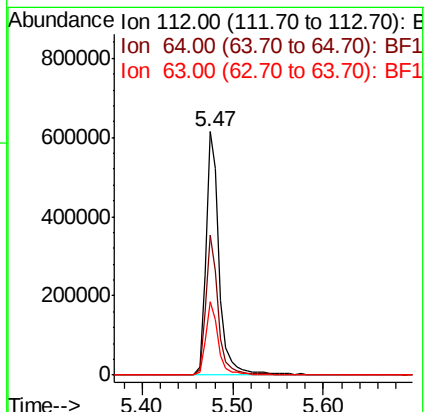
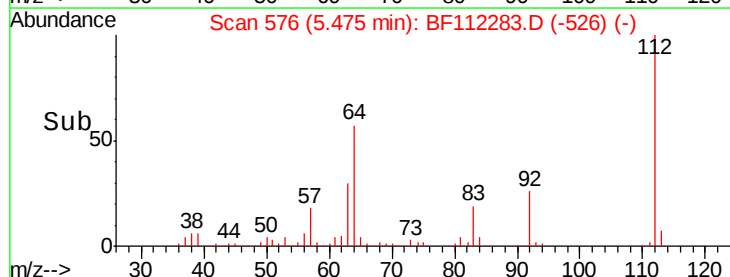
63 30.2 23.6 35.4

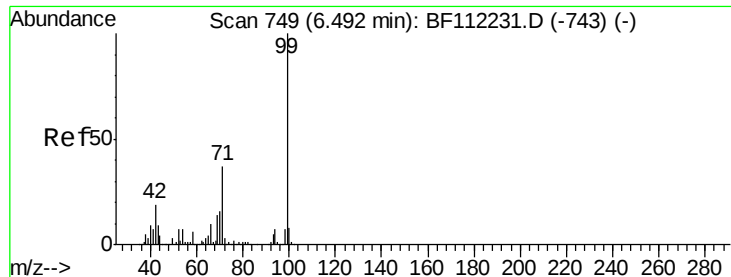


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 57.192 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112283.D

Acq: 28 Jan 2019 19:11

Instrument :

BNA_F

ClientSampleId :

EL-EAST-OF-JDHS

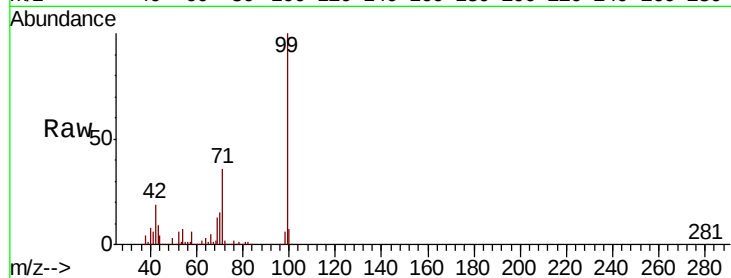
Tgt Ion: 99 Resp: 734315

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

71 35.5 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

800000

600000

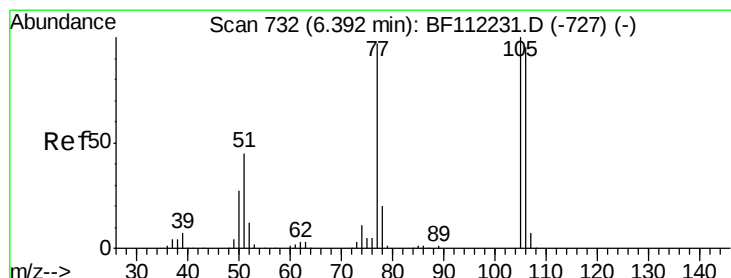
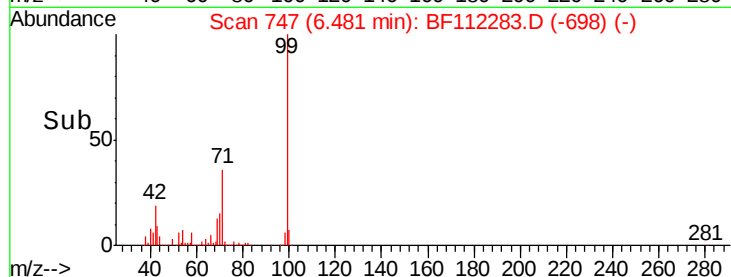
400000

200000

0

6.40 6.50 6.60

Time-->



#9

Benzaldehyde

Concen: 2.551 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112283.D

Acq: 28 Jan 2019 19:11

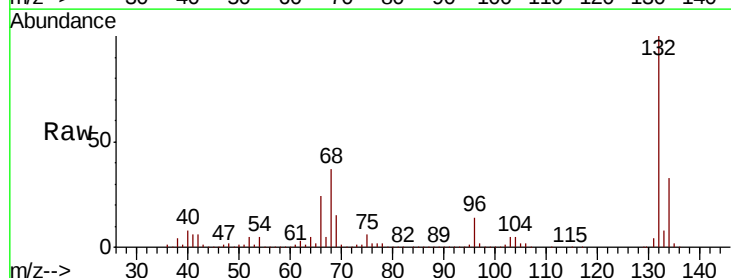
Tgt Ion: 77 Resp: 17119

Ion Ratio Lower Upper

77 100

105 86.9 80.8 120.8

106 79.8 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

25000

20000

15000

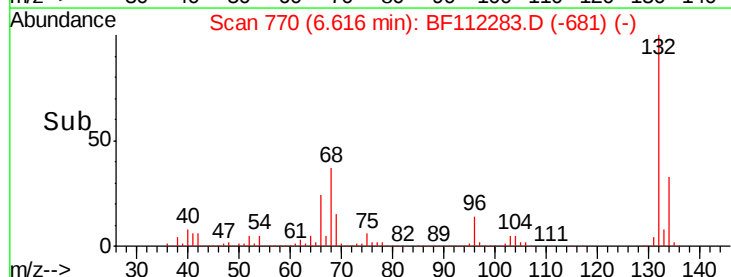
10000

5000

0

6.58 6.60 6.62 6.64 6.66

Time-->

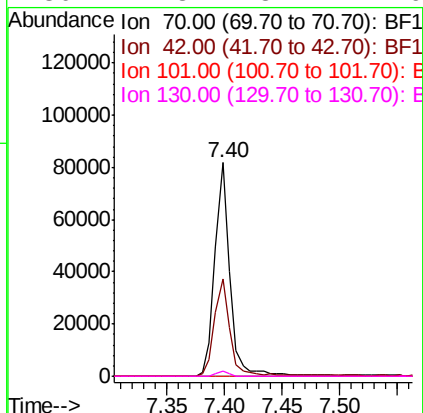
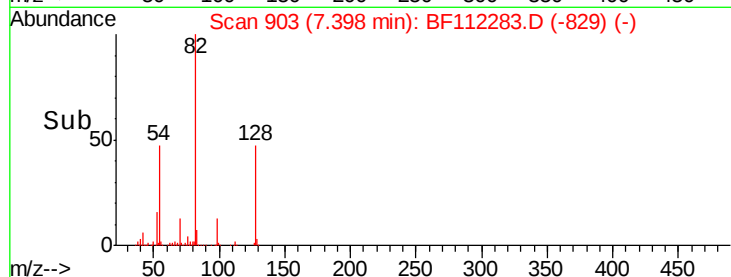
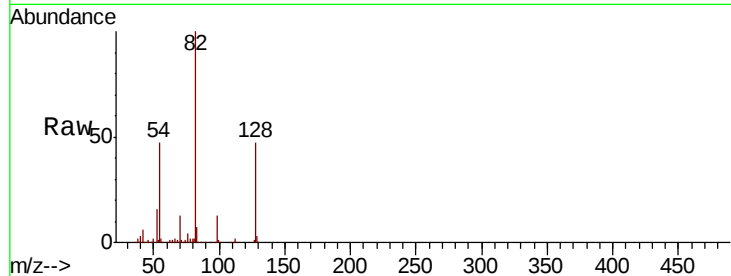




#19
n-Nitroso-di-n-propylamine
Concen: 8.418 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

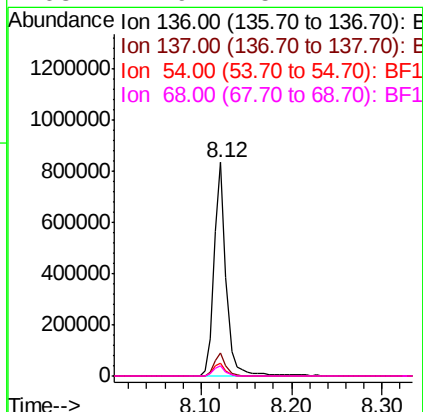
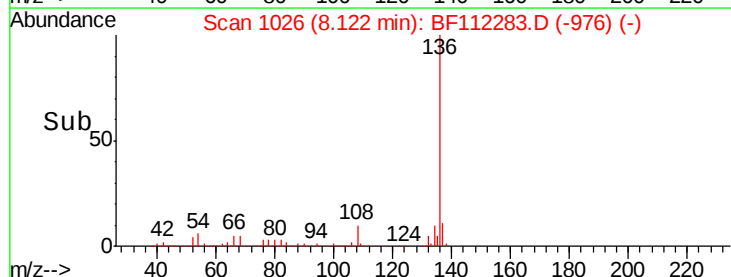
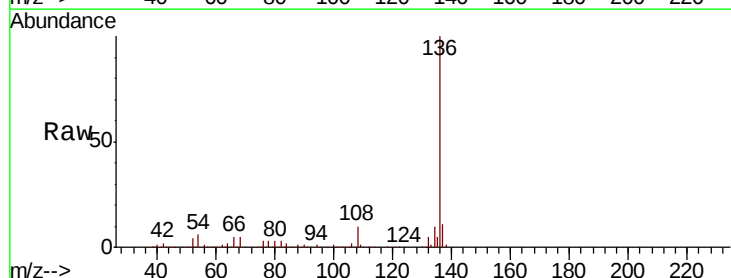
Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion: 70 Resp: 74528
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 7.9 11.9#
130 2.3 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: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion: 136 Resp: 776059
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.0 5.9 8.9
68 4.9 5.1 7.7#

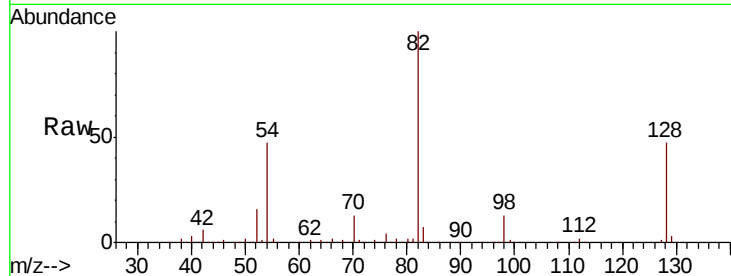




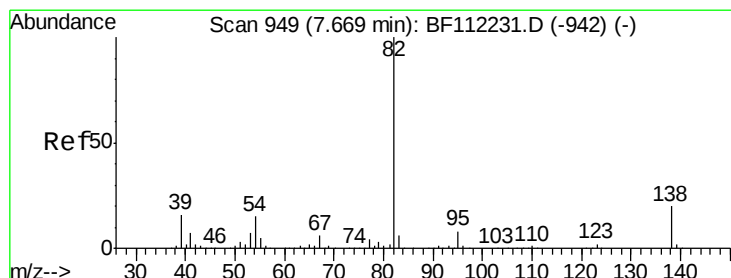
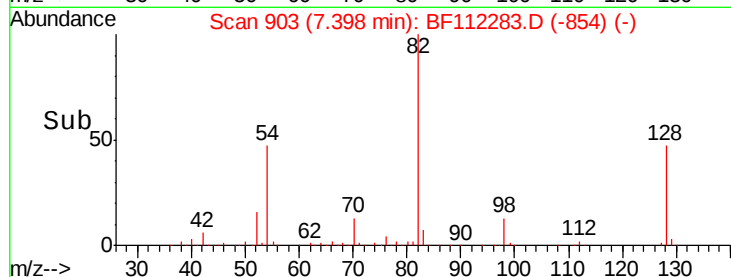
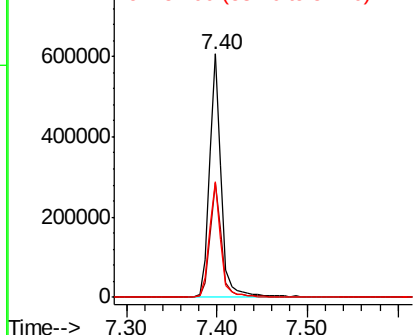
#23
 Nitrobenzene-d5
 Concen: 41.638 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Tgt Ion: 82 Resp: 560801
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.8 56.8
 54 47.4 39.7 59.5

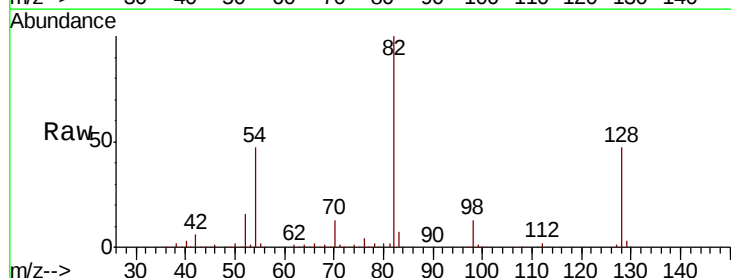


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

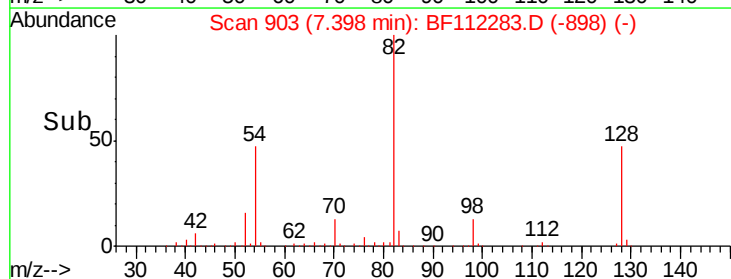
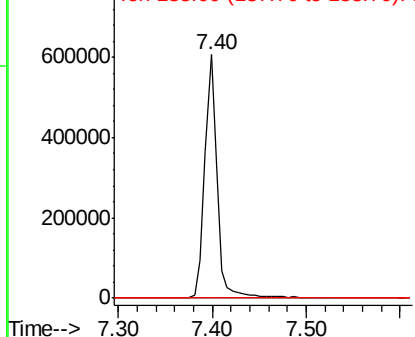


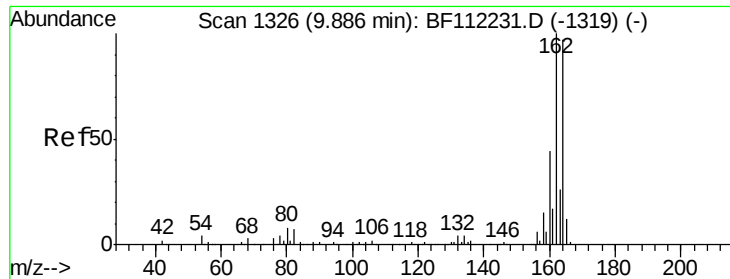
#25
 Isophorone
 Concen: 26.541 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Tgt Ion: 82 Resp: 560797
 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

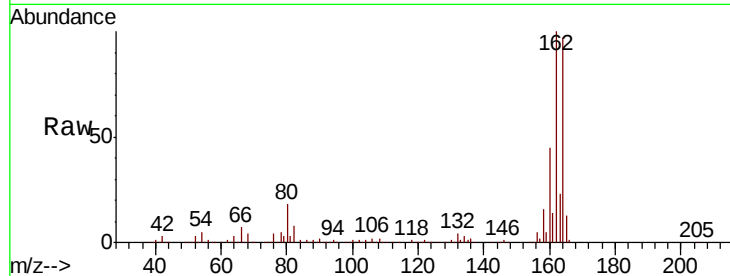




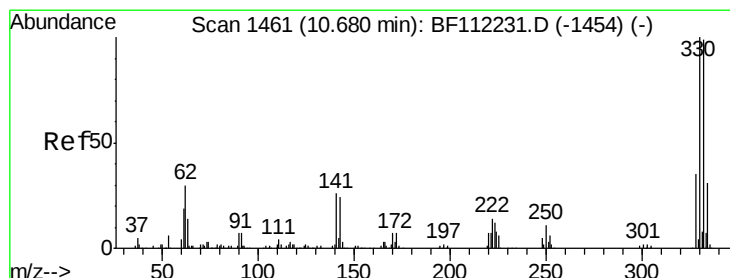
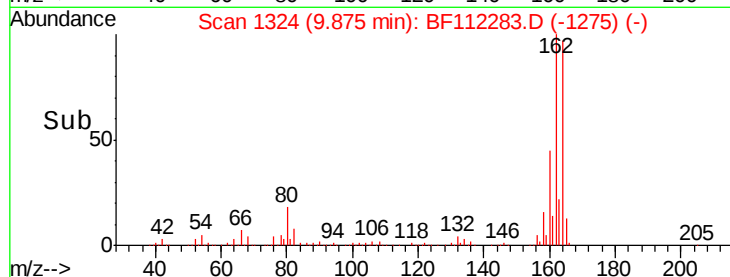
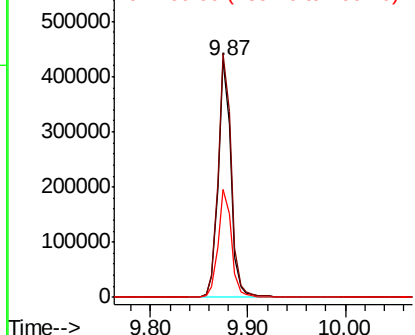
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Tgt Ion:164 Resp: 390281
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.2 123.4
 160 45.8 36.2 54.4

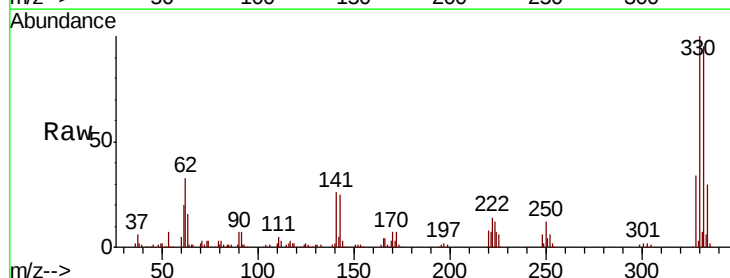


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

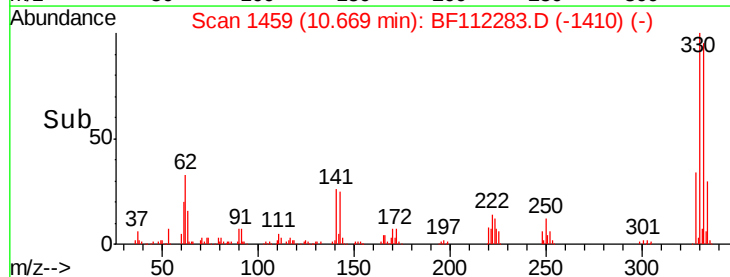
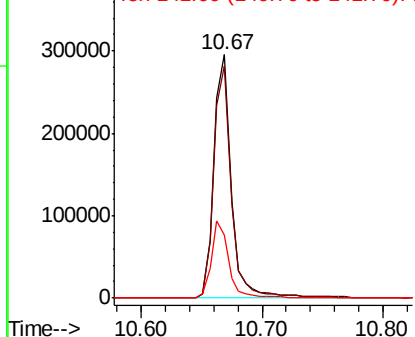


#42
 2,4,6-Tribromophenol
 Concen: 64.509 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Tgt Ion:330 Resp: 293048
 Ion Ratio Lower Upper
 330 100
 332 96.9 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

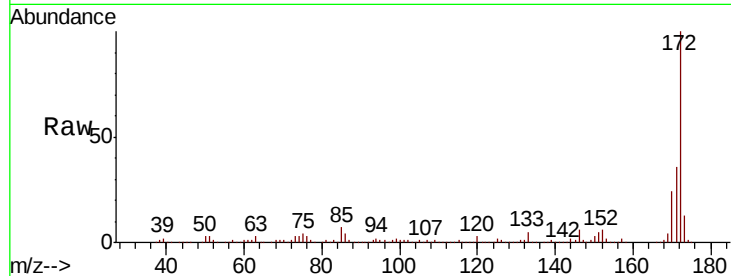




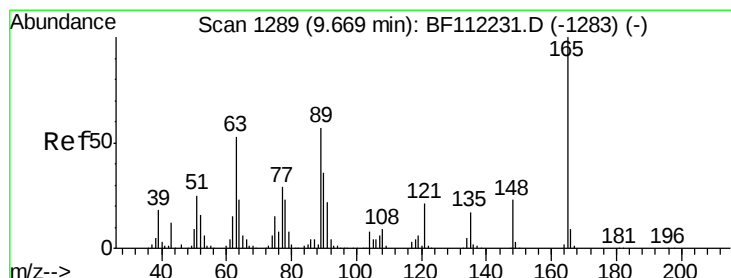
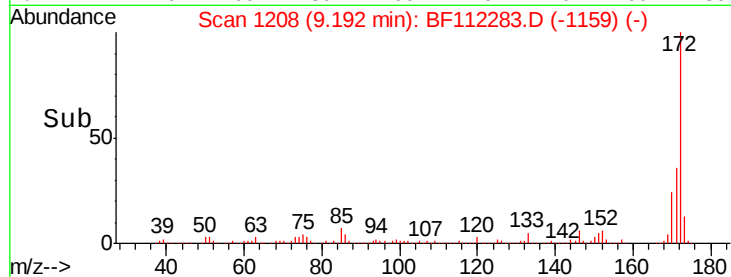
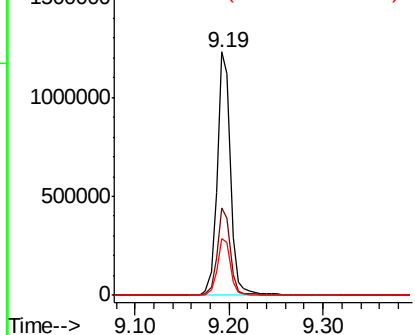
#45
 2-Fluorobiphenyl
 Concen: 44.857 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Tgt Ion:172 Resp: 1237819
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.5 20.2 30.4

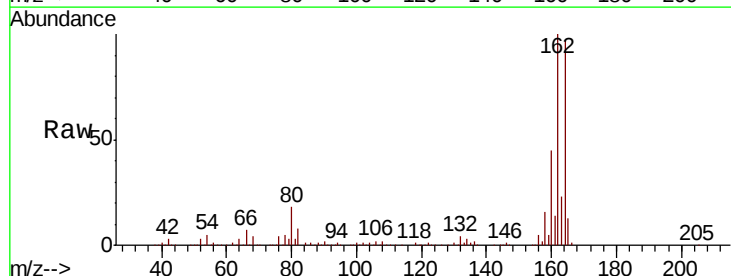


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

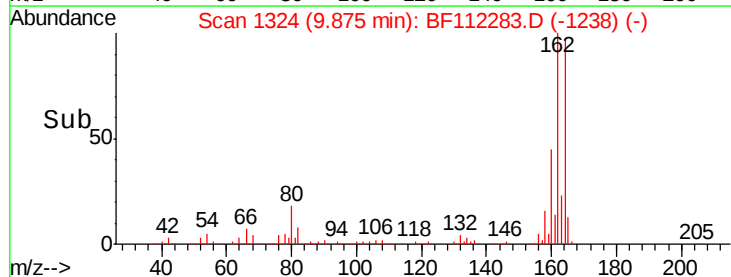
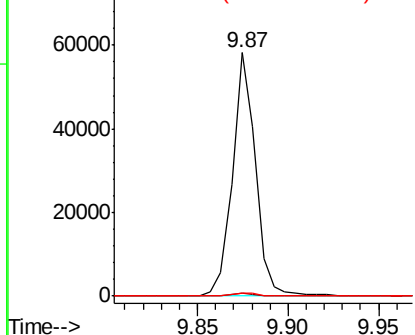


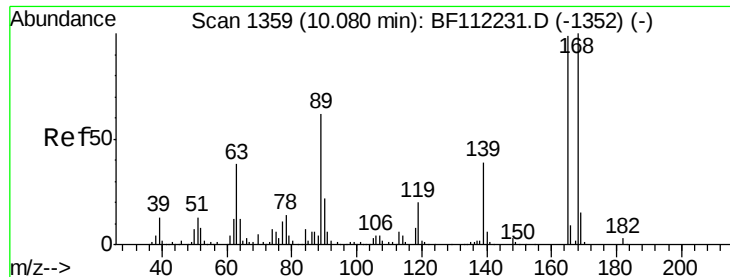
#51
 2,6-Dinitrotoluene
 Concen: 7.586 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Tgt Ion:165 Resp: 51519
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

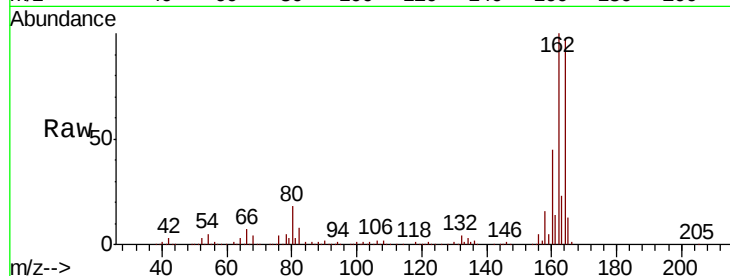




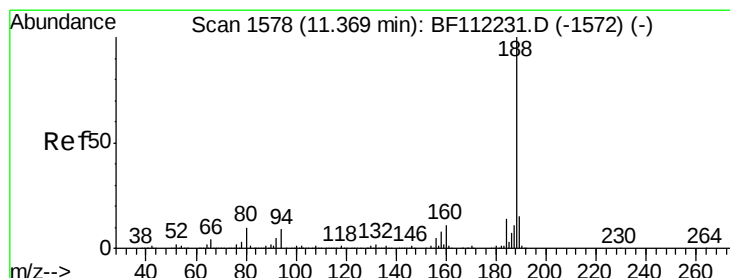
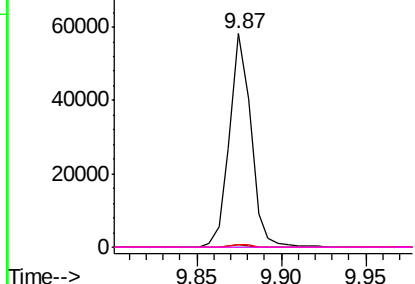
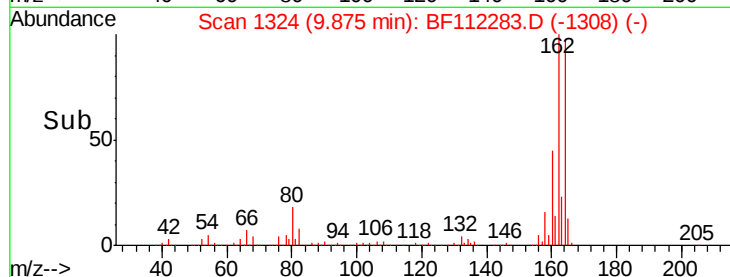
#57
 2,4-Dinitrotoluene
 Concen: 5.959 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Tgt Ion:165 Resp: 51520
 Ion Ratio Lower Upper
 165 100
 63 1.2 27.9 41.9#
 89 1.3 47.9 71.9#
 182 0.0 2.2 3.4#

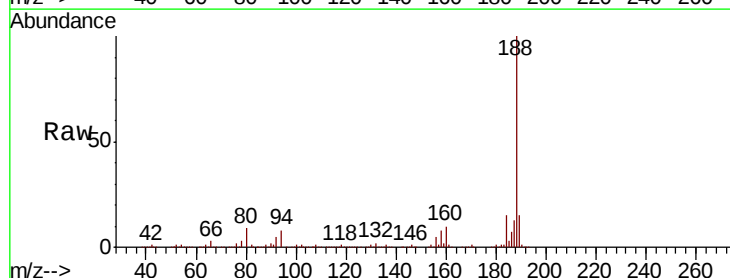


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

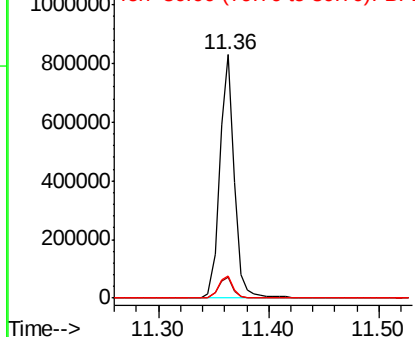
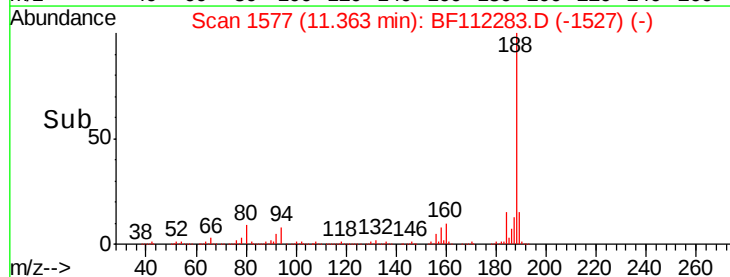


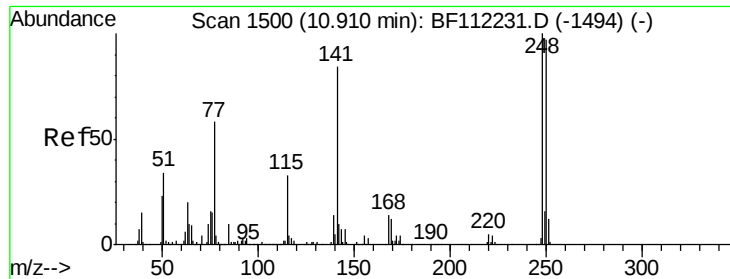
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112283.D
 Acq: 28 Jan 2019 19:11

Tgt Ion:188 Resp: 757528
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.2 12.2
 80 9.3 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

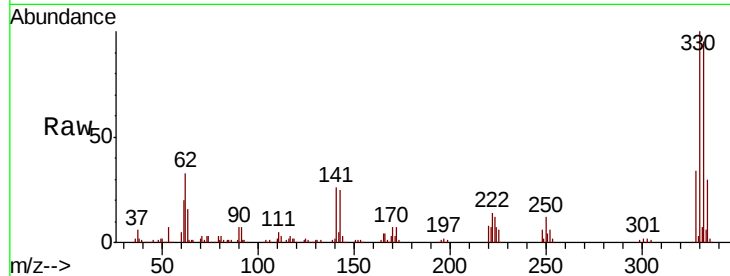




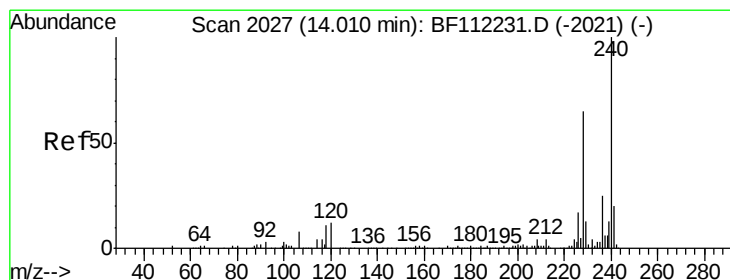
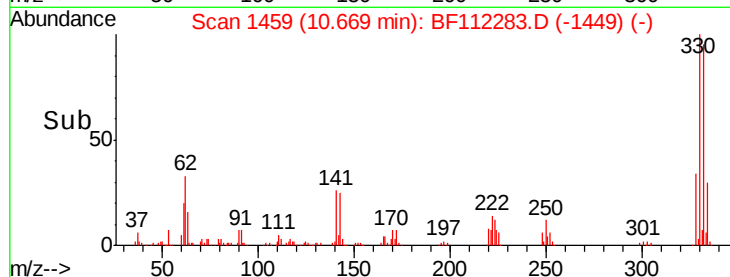
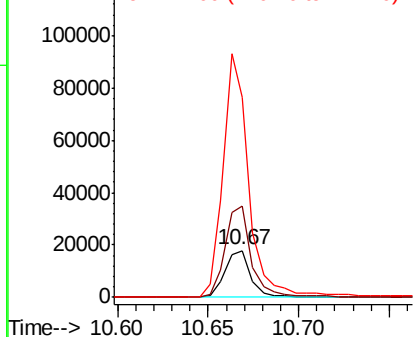
#67
4-Bromophenyl-phenylether
Concen: 2.016 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tgt Ion:248 Resp: 17965
Ion Ratio Lower Upper
248 100
250 195.0 79.7 119.5#
141 425.9 60.3 90.5#

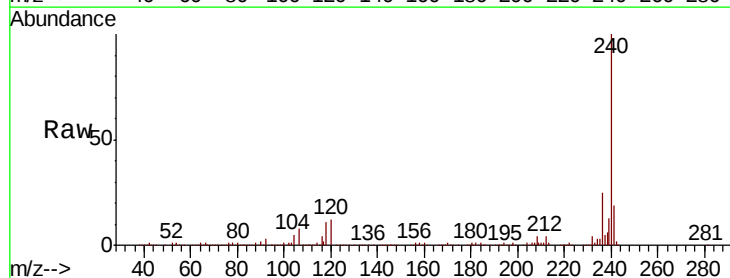


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

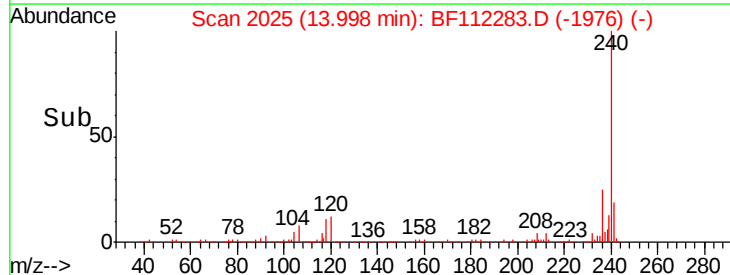
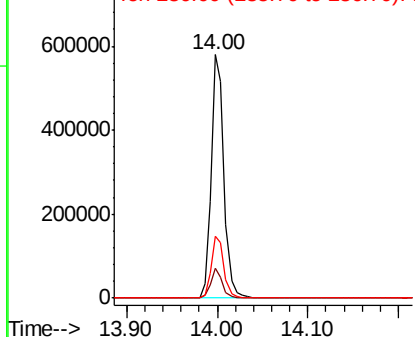


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112283.D
Acq: 28 Jan 2019 19:11

Tgt Ion:240 Resp: 569250
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 25.4 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: 46.569 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112283.D

Acq: 28 Jan 2019 19:11

Instrument :

BNA_F

ClientSampleId :

EL-EAST-OF-JDHS

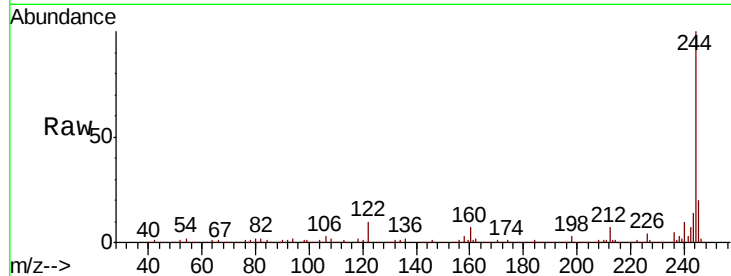
Tgt Ion:244 Resp: 1407495

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

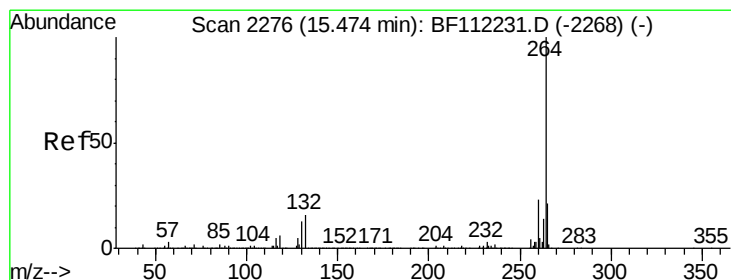
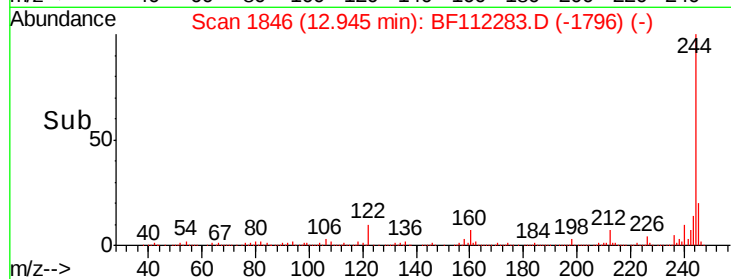
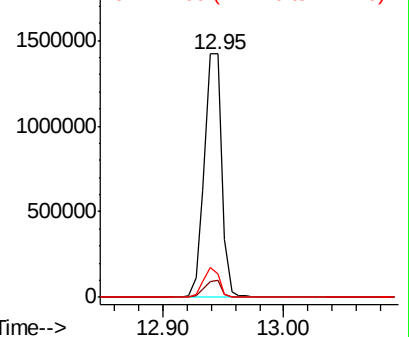
122 9.5 9.8 14.6#



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112283.D

Acq: 28 Jan 2019 19:11

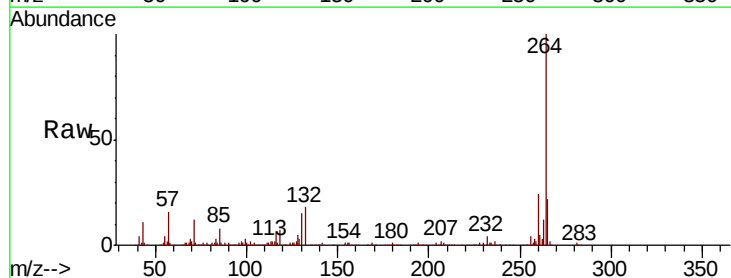
Tgt Ion:264 Resp: 438939

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 22.0 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

