

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115987.D
 Acq On : 5 Aug 2019 18:41
 Operator : HP/JU
 Sample : K4156-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3456

Quant Time: Aug 06 01:36:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

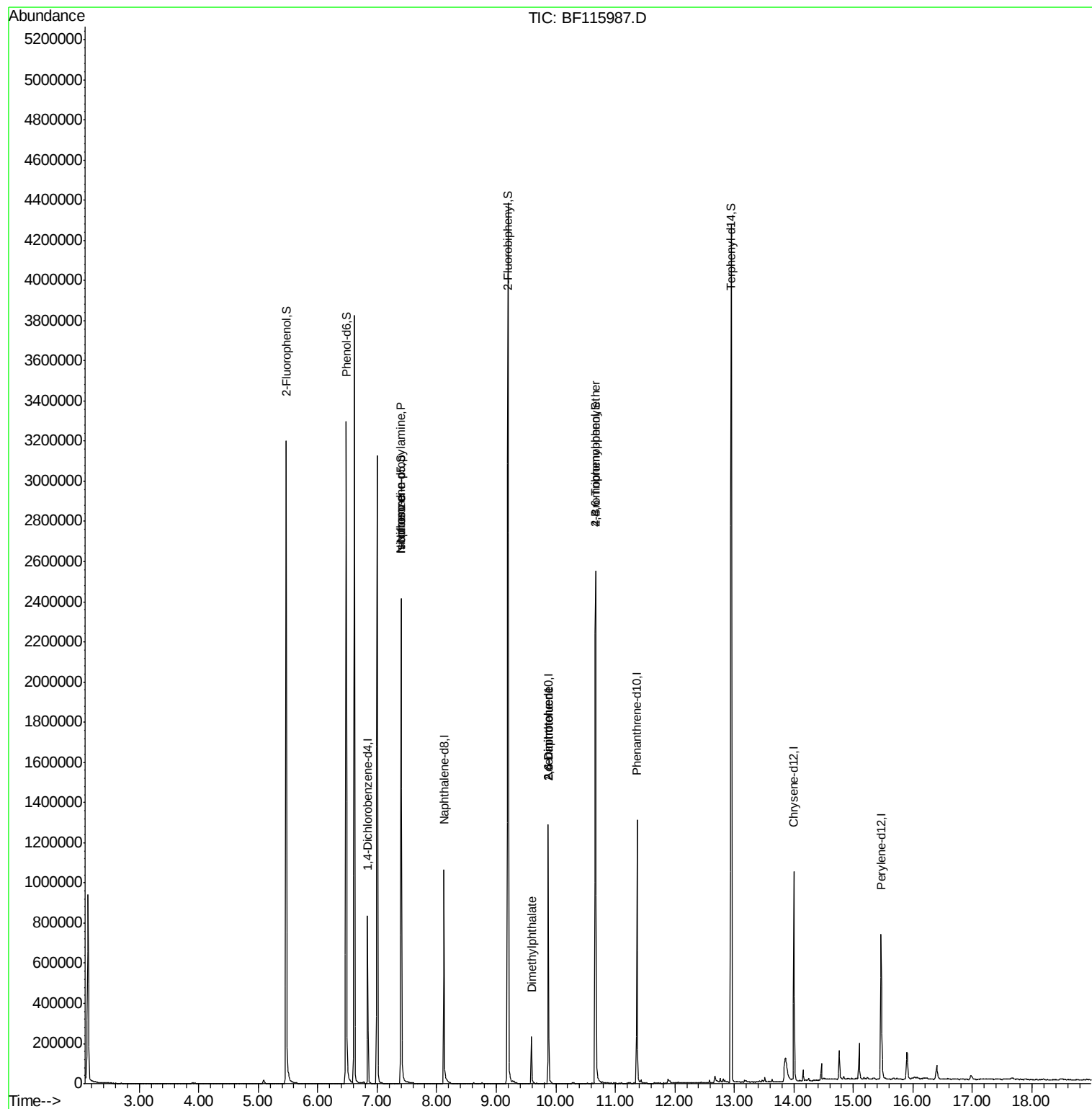
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132815	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	503453	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	270027	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	490775	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	380242	20.00	ng	-0.02
87) Perylene-d12	15.46	264	323877	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1034714	130.42	ng	0.00
7) Phenol-d6	6.48	99	1343122	134.18	ng	0.00
23) Nitrobenzene-d5	7.40	82	876143	100.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	348729	133.21	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1477424	102.48	ng	-0.02
79) Terphenyl-d14	12.95	244	1699493	94.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	115675	18.649	ng	# 78
25) Isophorone	7.40	82	876139	52.534	ng	# 66
50) Dimethylphthalate	9.59	163	115704	6.293	ng	100
51) 2,6-Dinitrotoluene	9.87	165	34330	8.592	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	34330	6.453	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	21182	4.032	ng	# 1

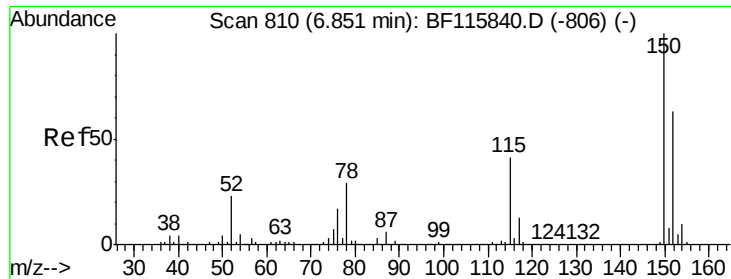
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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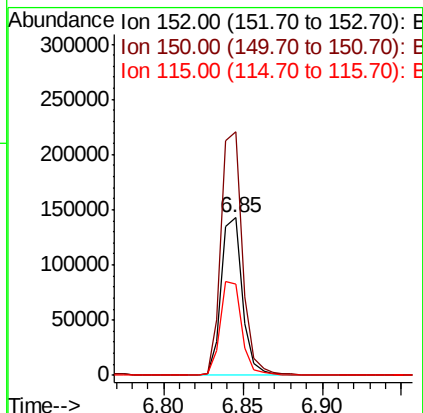
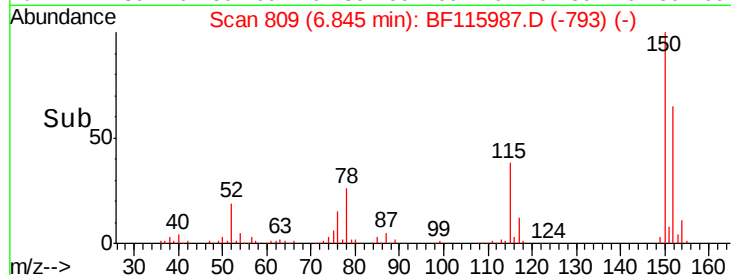
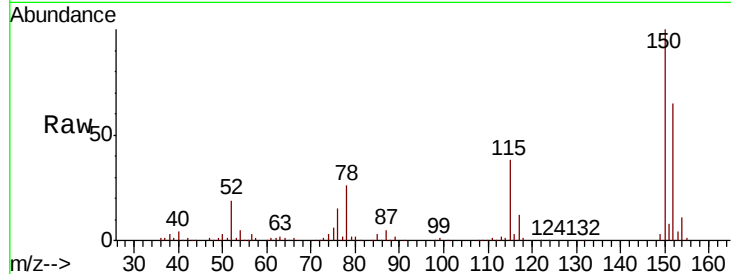


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

Instrument :
BNA_F
ClientSampleId :
RT3456

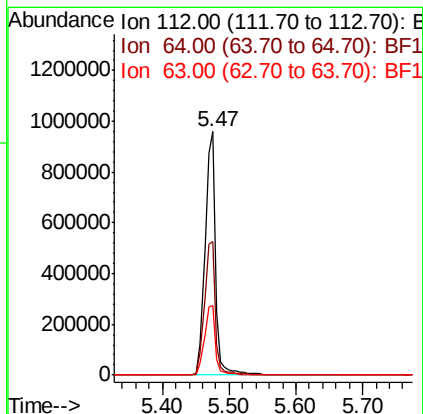
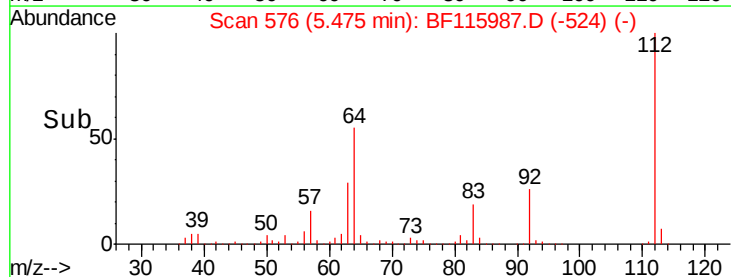
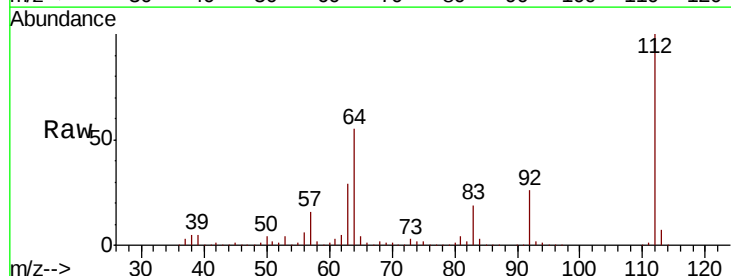
Tgt Ion:152 Resp: 132815
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 58.1 51.8 77.8



#5

2-Fluorophenol
Concen: 130.420 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

Tgt Ion:112 Resp: 1034714
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.5 24.2 36.2





#7

Phenol-d6

Concen: 134.181 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115987.D

Acq: 5 Aug 2019 18:41

Instrument :

BNA_F

ClientSampleId :

RT3456

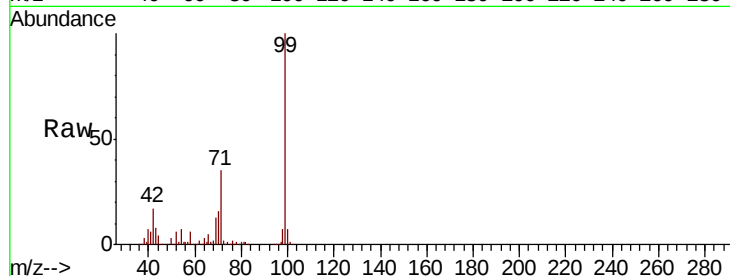
Tgt Ion: 99 Resp: 1343122

Ion Ratio Lower Upper

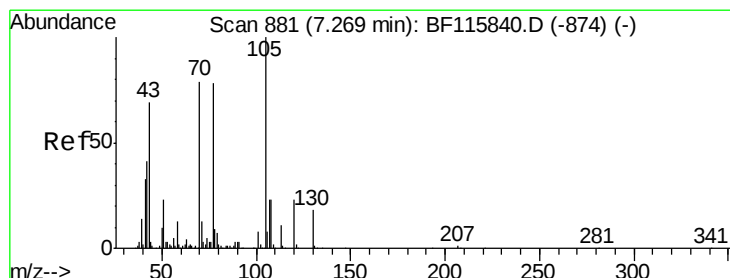
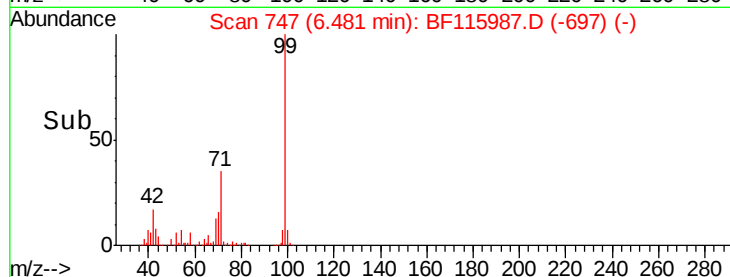
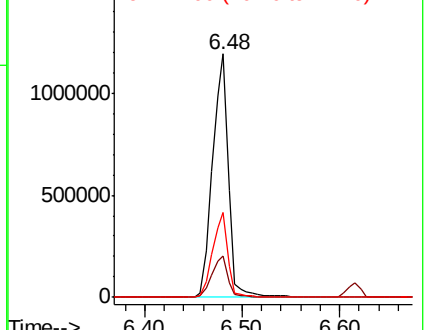
99 100

42 17.1 13.8 20.6

71 34.7 27.1 40.7



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: 18.649 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF115987.D

Acq: 5 Aug 2019 18:41

Tgt Ion: 70 Resp: 115675

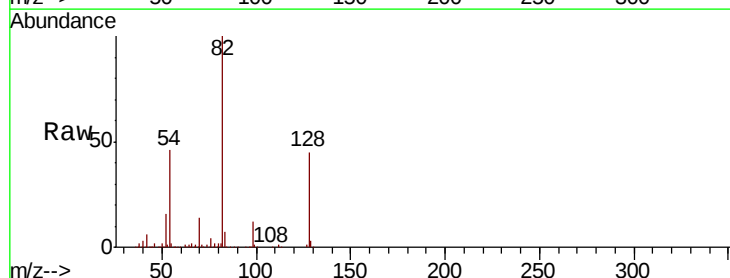
Ion Ratio Lower Upper

70 100

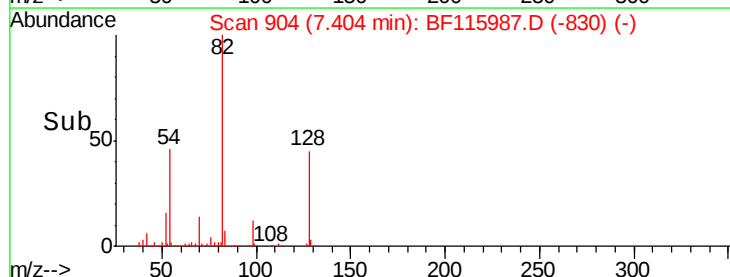
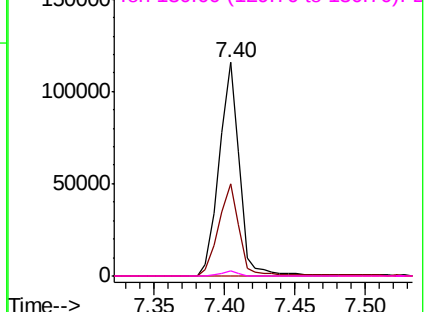
42 43.4 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#



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

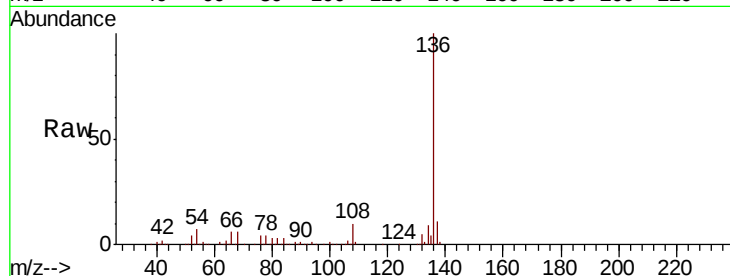




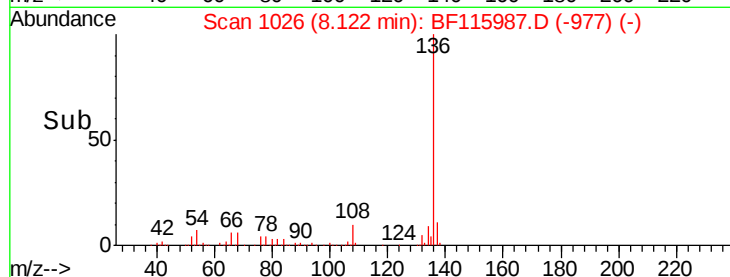
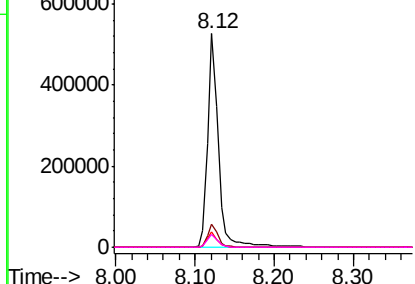
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

Instrument :
BNA_F
ClientSampleId :
RT3456

Tgt Ion:	136	Resp:	503453
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.2	6.1	9.1
68	6.3	5.4	8.2

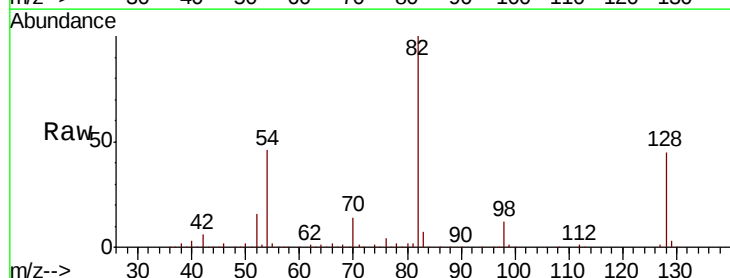


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

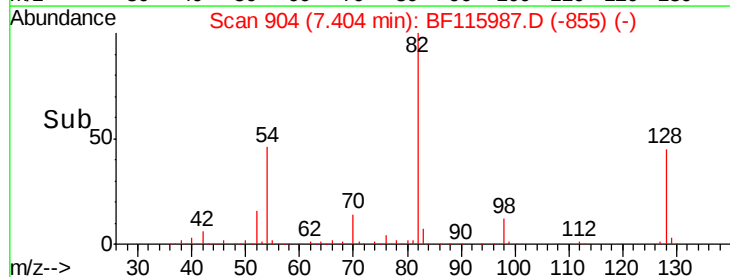
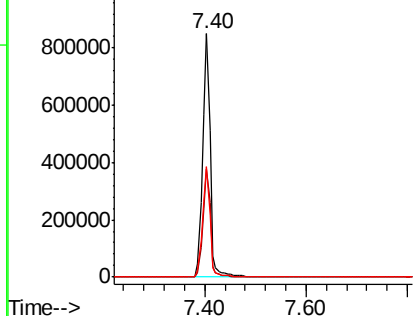


#23
Nitrobenzene-d5
Concen: 100.454 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

Tgt Ion:	82	Resp:	876143
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.6	55.0
54	45.5	36.6	55.0



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

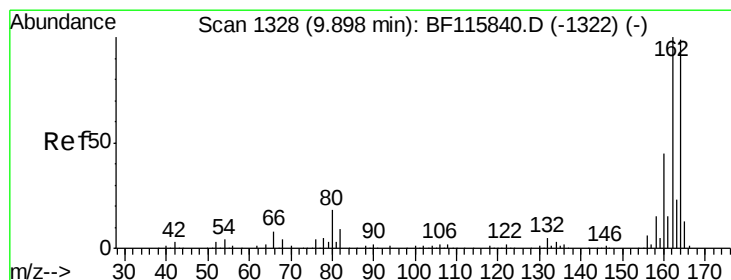
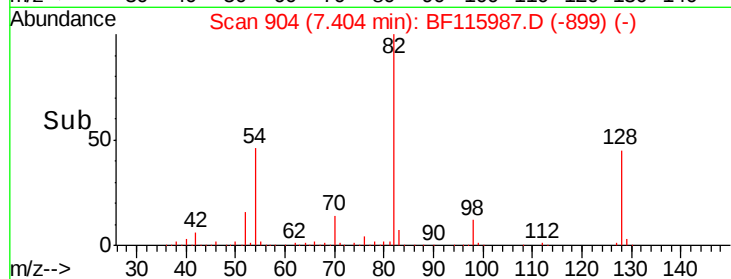
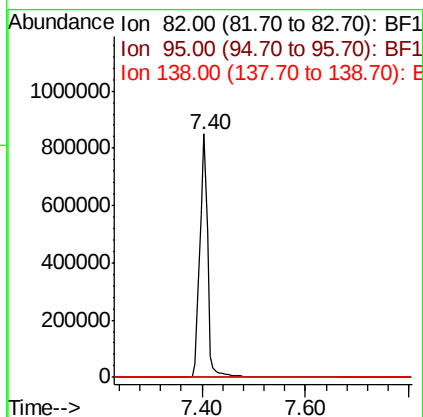
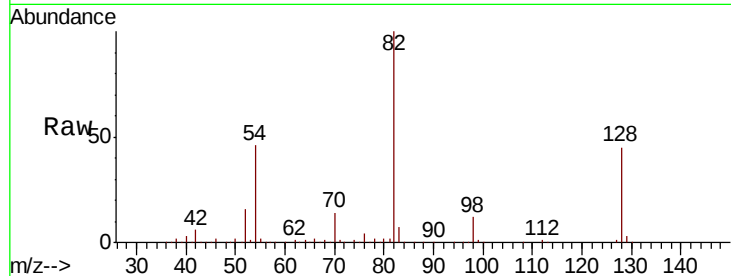




#25
Isophorone
Concen: 52.534 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

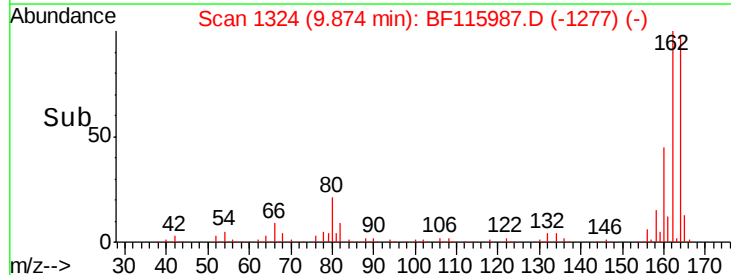
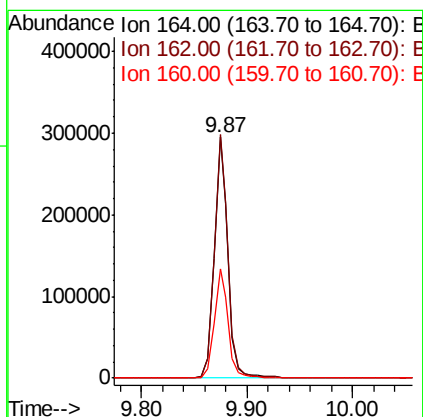
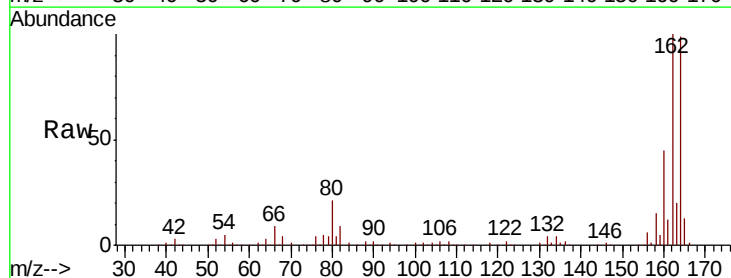
Instrument :
BNA_F
ClientSampleId :
RT3456

Tgt Ion: 82 Resp: 876139
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

Tgt Ion: 164 Resp: 270027
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 133.205 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF115987.D

Acq: 5 Aug 2019 18:41

Instrument :

BNA_F

ClientSampleId :

RT3456

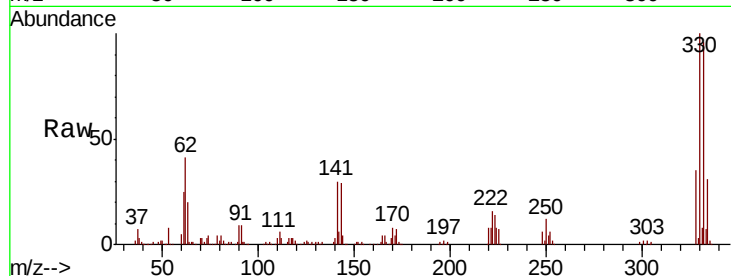
Tgt Ion:330 Resp: 348729

Ion Ratio Lower Upper

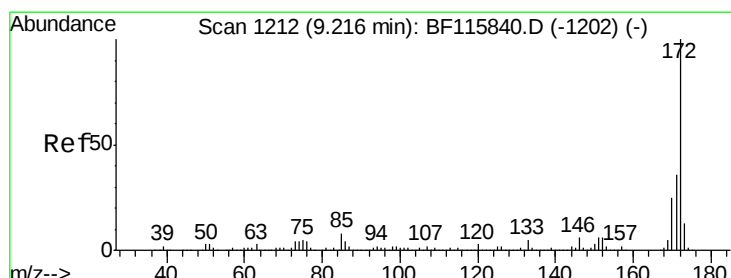
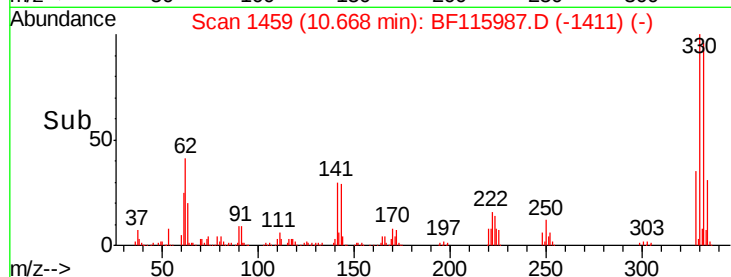
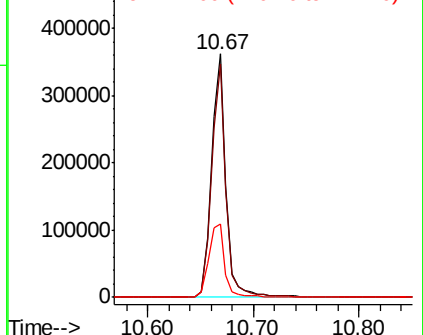
330 100

332 95.7 77.7 116.5

141 33.6 28.1 42.1



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: 102.483 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF115987.D

Acq: 5 Aug 2019 18:41

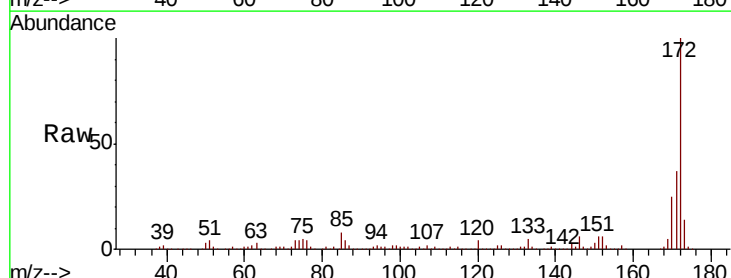
Tgt Ion:172 Resp: 1477424

Ion Ratio Lower Upper

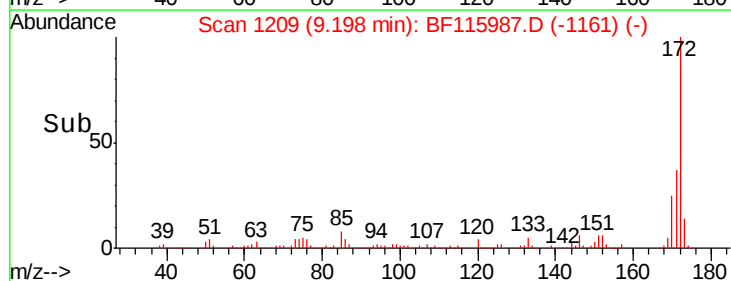
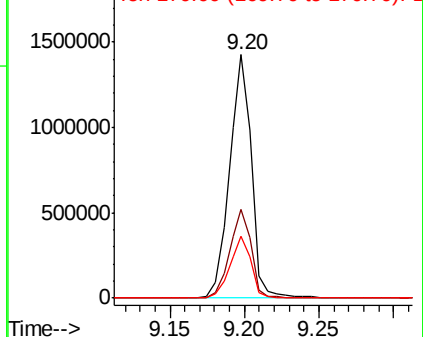
172 100

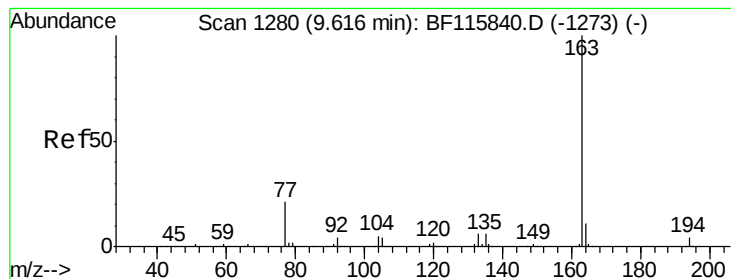
171 36.6 29.1 43.7

170 25.2 20.1 30.1



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: 6.293 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF115987.D

Acq: 5 Aug 2019 18:41

Instrument :

BNA_F

ClientSampleId :

RT3456

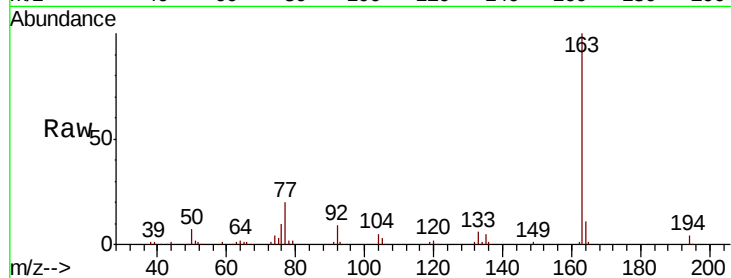
Tgt Ion:163 Resp: 115704

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

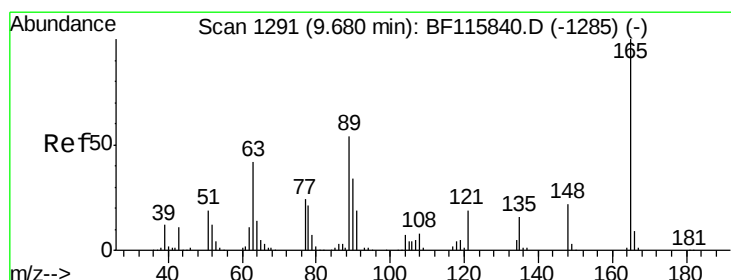
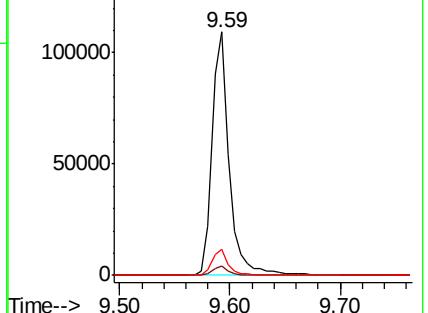
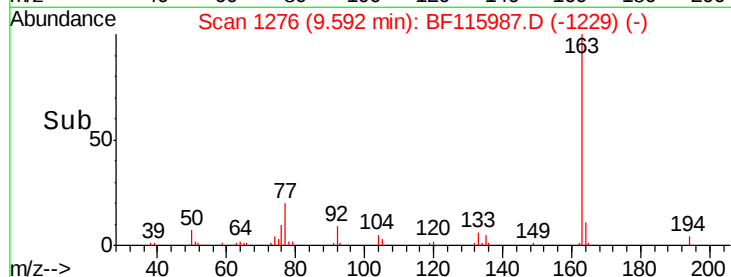
164 10.5 8.4 12.6



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: 8.592 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.19 min

Lab File: BF115987.D

Acq: 5 Aug 2019 18:41

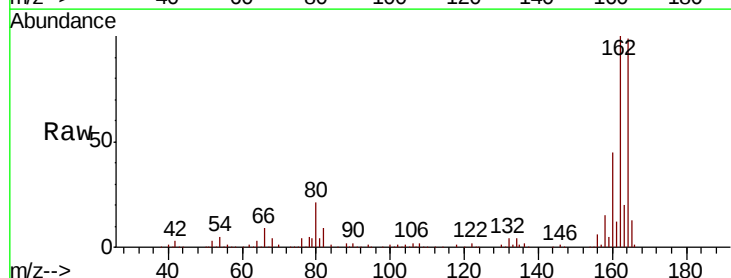
Tgt Ion:165 Resp: 34330

Ion Ratio Lower Upper

165 100

63 0.9 39.4 59.2#

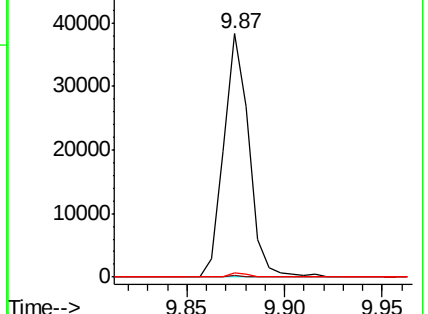
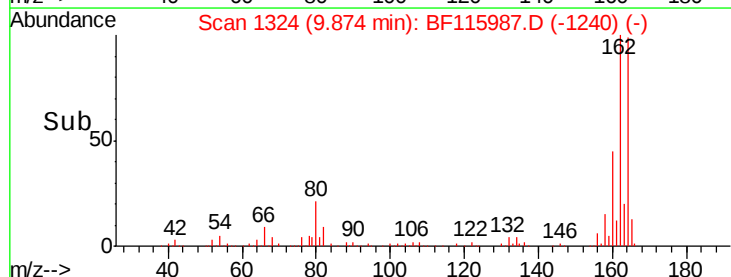
89 1.6 43.0 64.6#

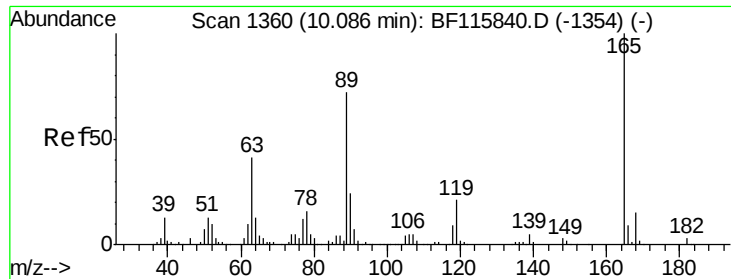


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

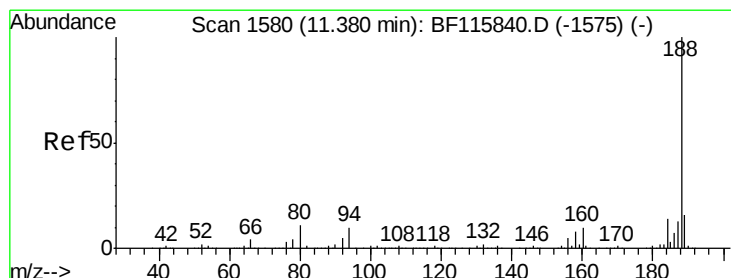
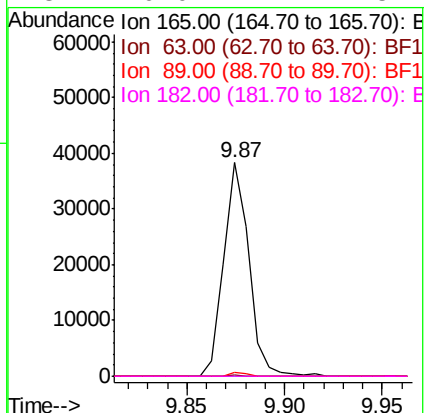
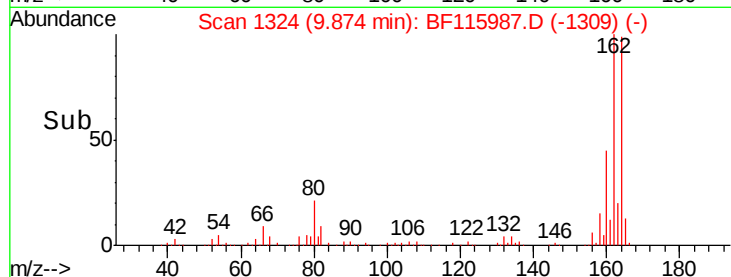
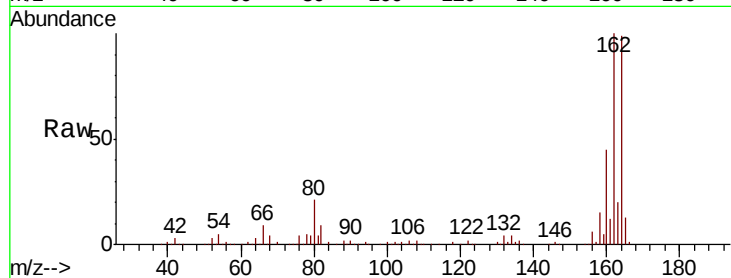




#57
 2,4-Dinitrotoluene
 Concen: 6.453 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF115987.D
 Acq: 5 Aug 2019 18:41

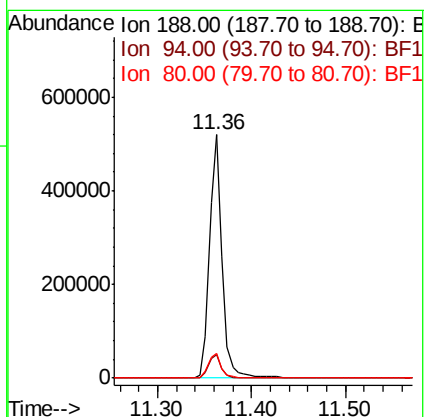
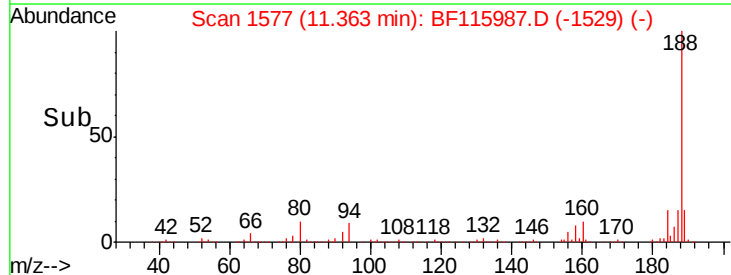
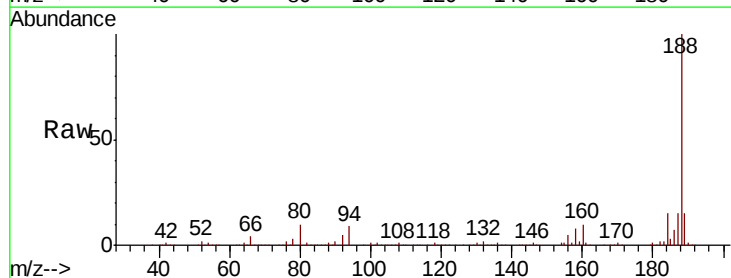
Instrument :
 BNA_F
 ClientSampleId :
 RT3456

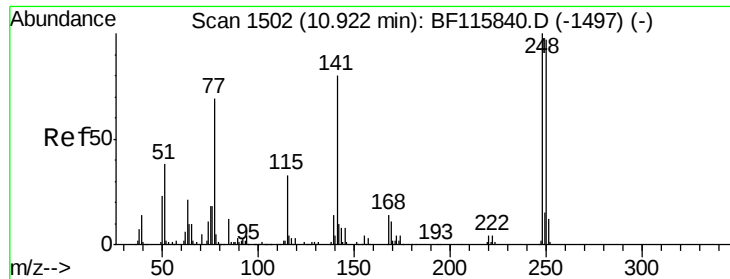
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.2	49.8#
89	1.6	57.3	85.9#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF115987.D
 Acq: 5 Aug 2019 18:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	10.2	8.6	12.8

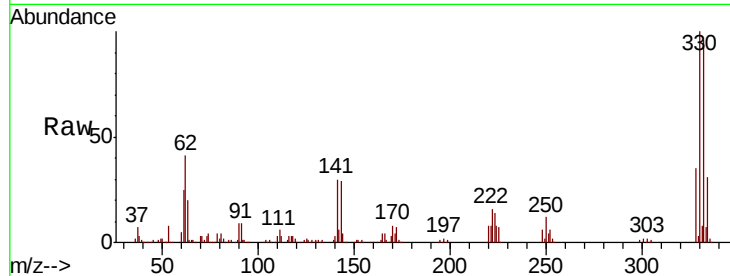




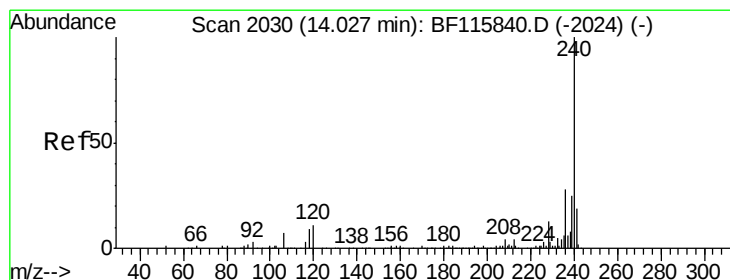
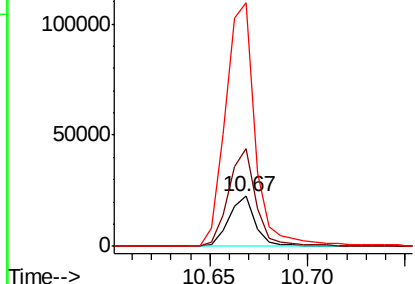
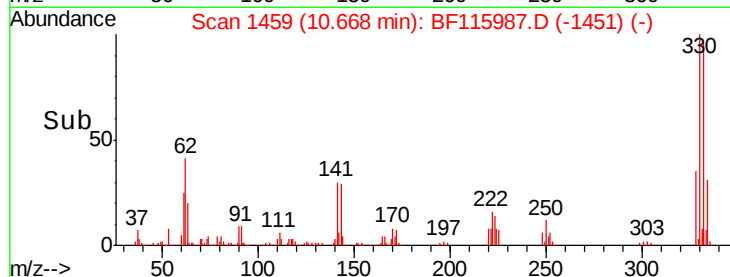
#67
4-Bromophenyl-phenylether
Concen: 4.032 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

Instrument :
BNA_F
ClientSampled :
RT3456

Tgt Ion:248 Resp: 21182
Ion Ratio Lower Upper
248 100
250 195.8 77.8 116.6#
141 488.4 64.3 96.5#

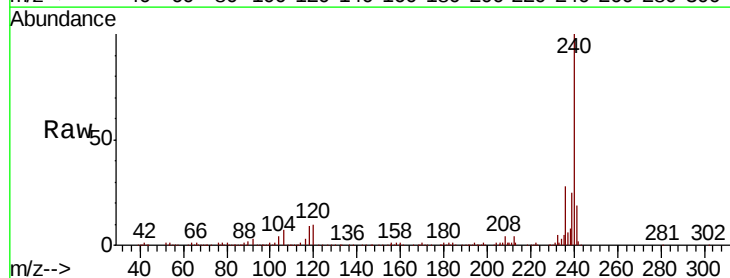


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

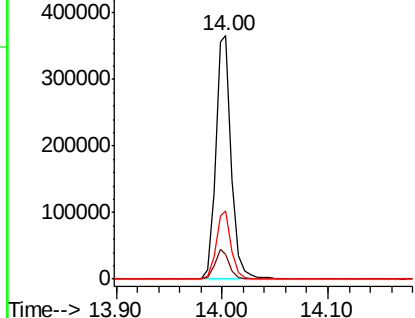
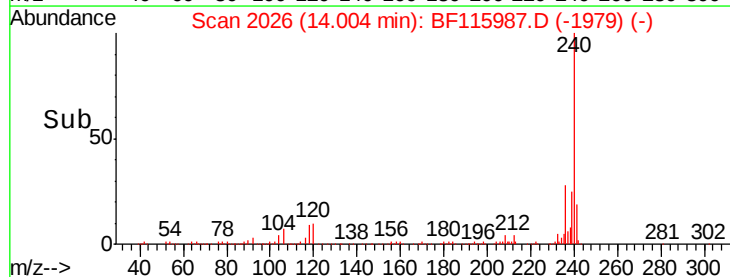


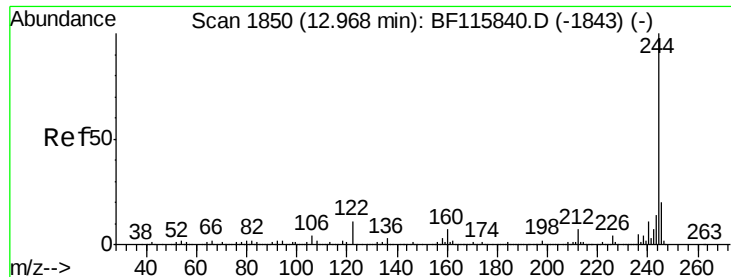
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115987.D
Acq: 5 Aug 2019 18:41

Tgt Ion:240 Resp: 380242
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 28.0 22.2 33.2



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

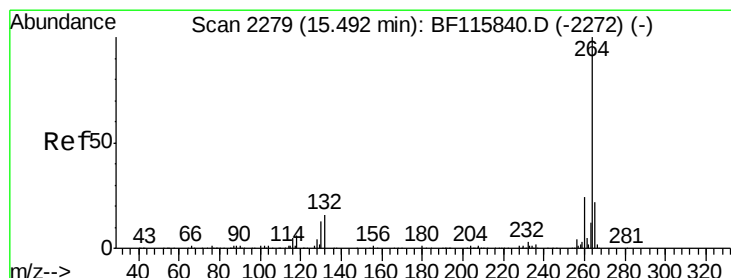
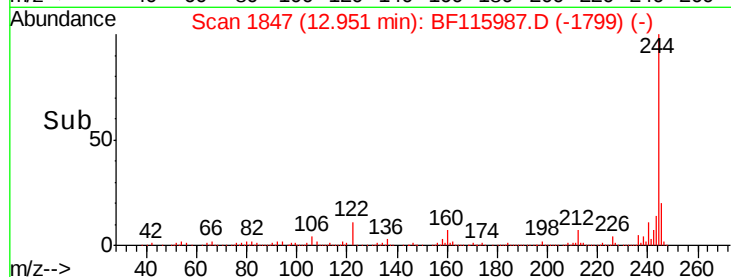
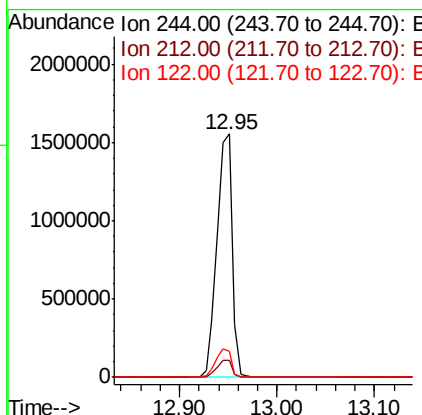
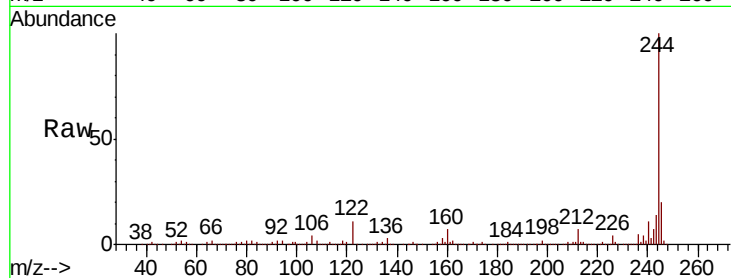




#79
 Terphenyl-d14
 Concen: 94.180 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF115987.D
 Acq: 5 Aug 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 RT3456

Tgt Ion:244 Resp: 1699493
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.7 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.03 min
 Lab File: BF115987.D
 Acq: 5 Aug 2019 18:41

Tgt Ion:264 Resp: 323877
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 22.1 17.5 26.3

