

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115984.D
 Acq On : 5 Aug 2019 17:21
 Operator : HP/JU
 Sample : K4156-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3380

Quant Time: Aug 06 01:36:18 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

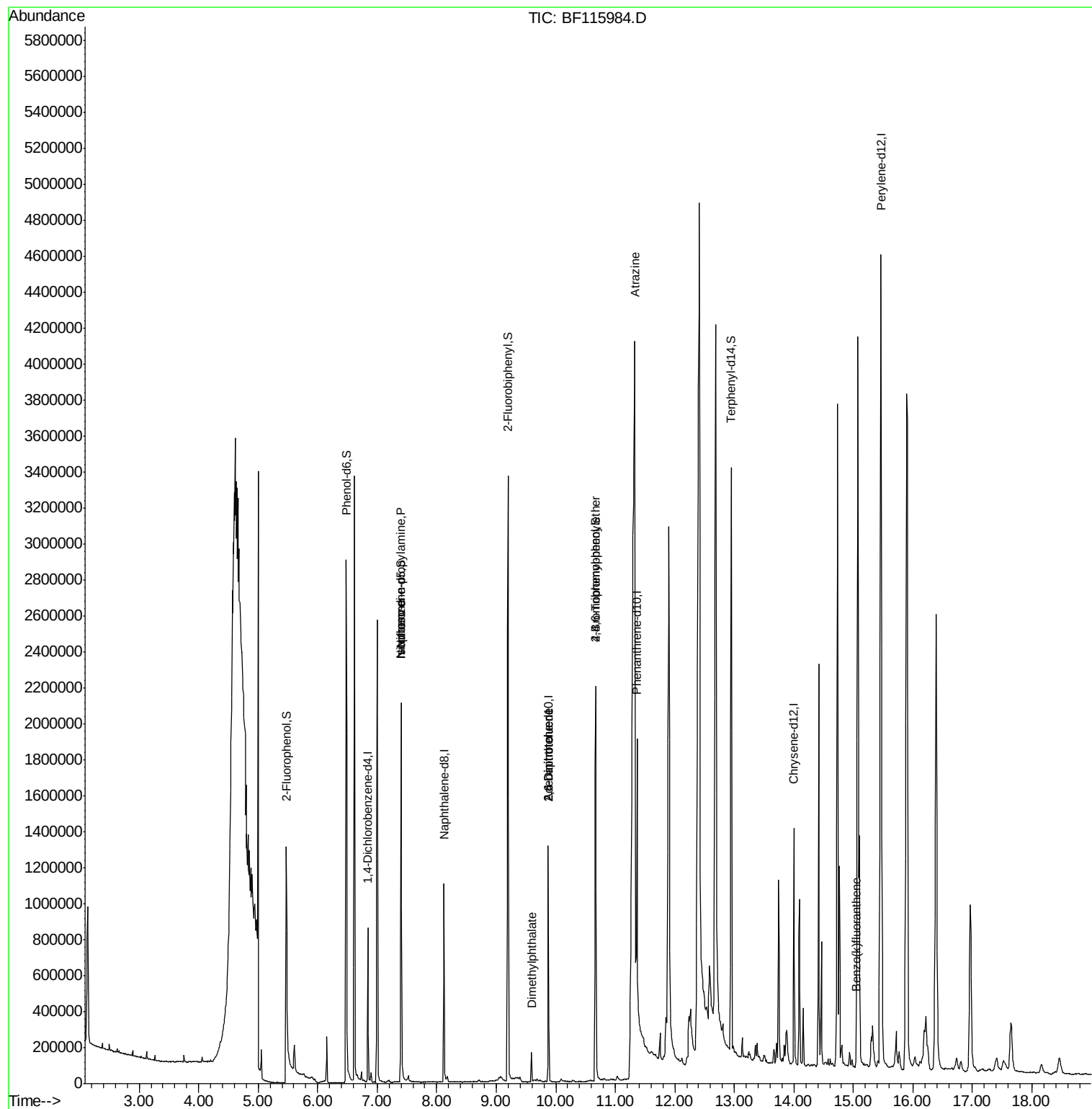
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132824	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	490303	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	278821	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	503391	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	417106	20.00	ng	-0.02
87) Perylene-d12	15.47	264	305010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	641622	80.87	ng	0.00
7) Phenol-d6	6.48	99	1192741	119.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	740265	87.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	282882	104.65	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1051595	70.64	ng	-0.02
79) Terphenyl-d14	12.94	244	1150727	58.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	101888	16.425	ng	# 78
25) Isophorone	7.40	82	740254	45.577	ng	# 66
50) Dimethylphthalate	9.59	163	69960	3.685	ng	100
51) 2,6-Dinitrotoluene	9.87	165	35820	8.682	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	35820	6.521	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	17774	3.298	ng	# 1
69) Atrazine	11.32	200	12049	2.417	ng	85
89) Benzo(k)fluoranthene	15.04	252	35063	2.041	ng	# 98

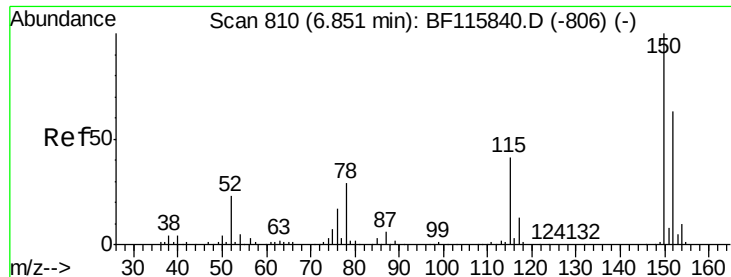
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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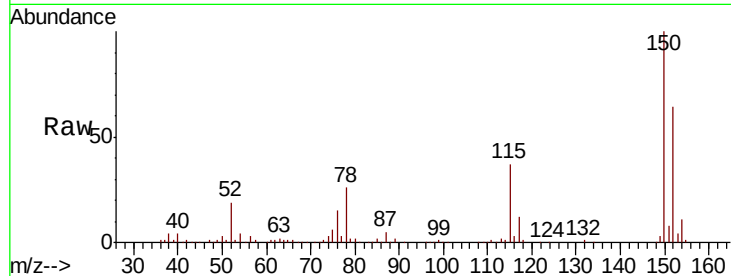


#1

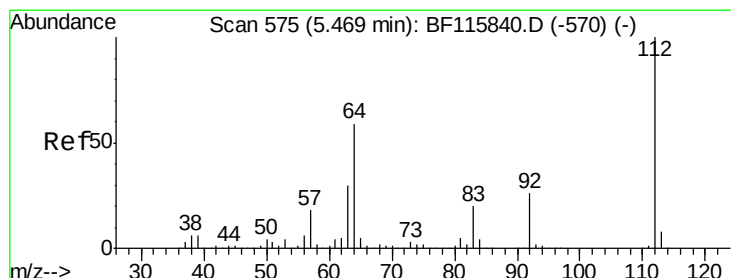
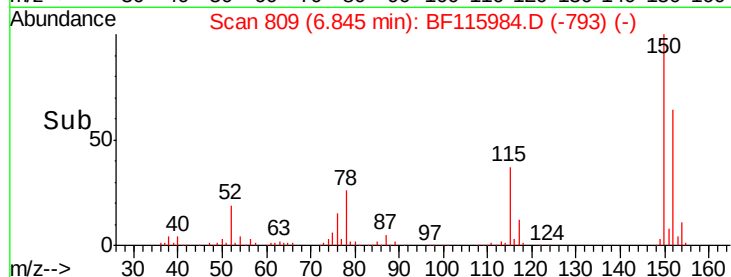
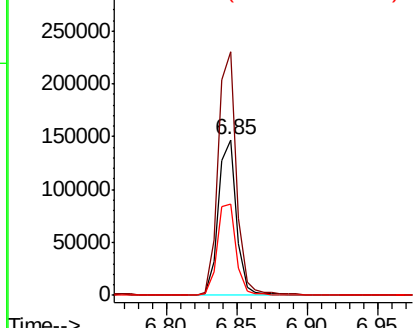
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Instrument :
BNA_F
ClientSampleId :
RT3380

Tgt Ion:152 Resp: 132824
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 58.5 51.8 77.8



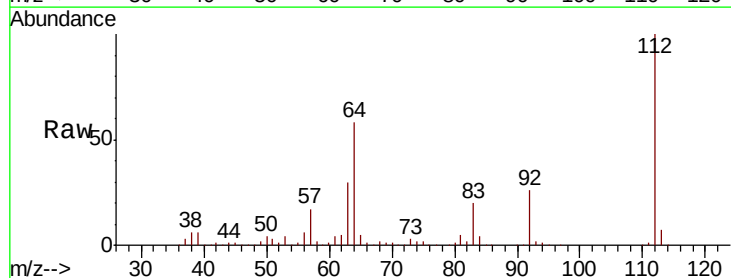
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



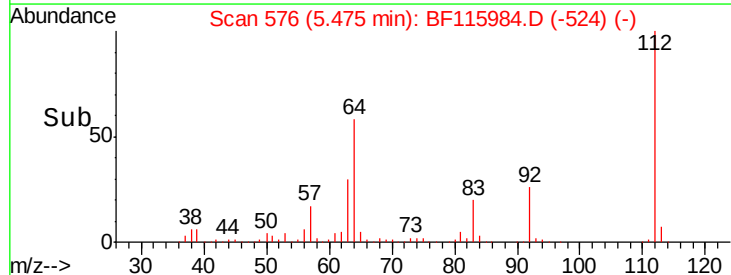
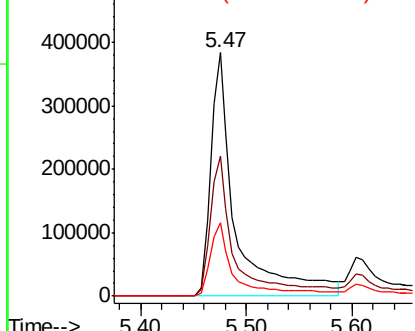
#5

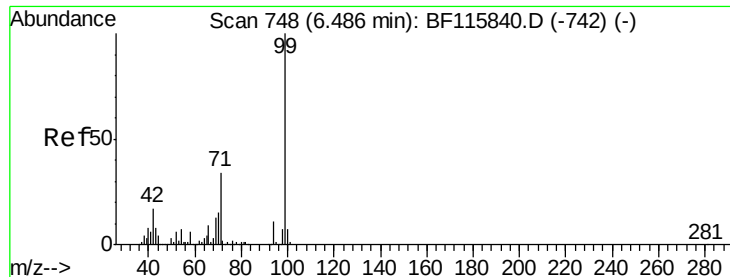
2-Fluorophenol
Concen: 80.868 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Tgt Ion:112 Resp: 641622
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 30.3 24.2 36.2



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: 119.150 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

Instrument :

BNA_F

ClientSampled :

RT3380

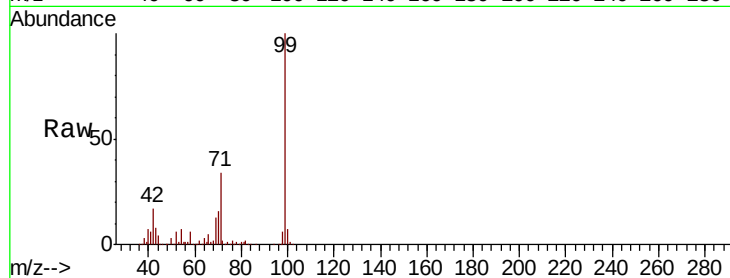
Tgt Ion: 99 Resp: 1192741

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

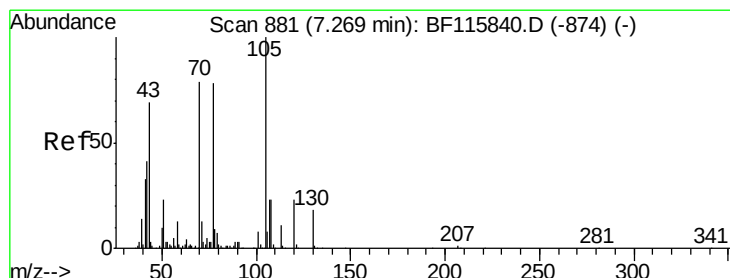
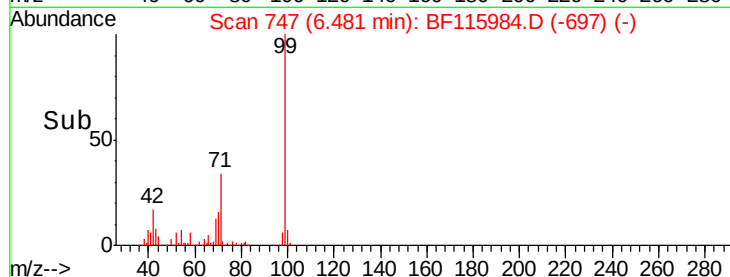
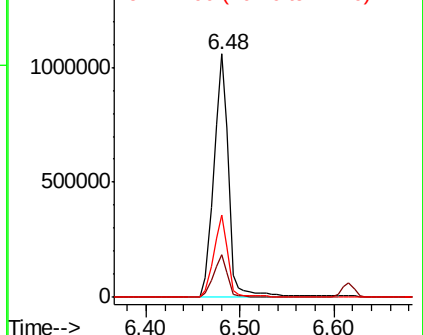
71 33.9 27.1 40.7



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: 16.425 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

Tgt Ion: 70 Resp: 101888

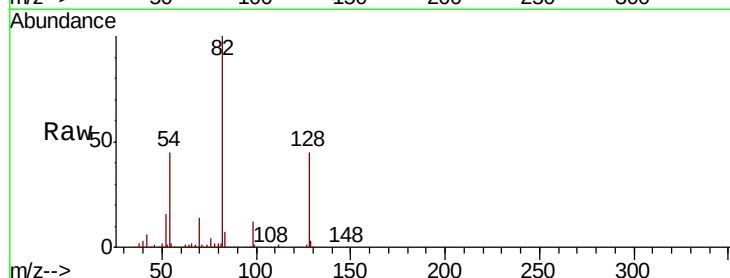
Ion Ratio Lower Upper

70 100

42 43.8 41.8 62.8

101 0.0 7.7 11.5#

130 2.0 17.8 26.6#

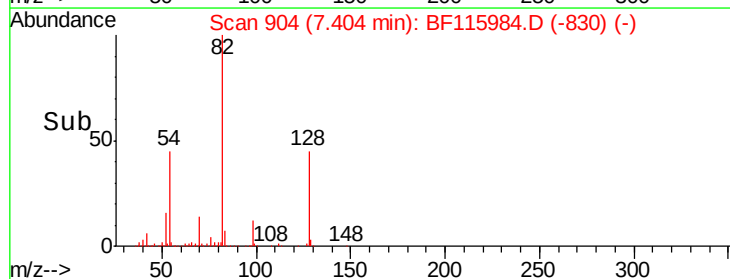
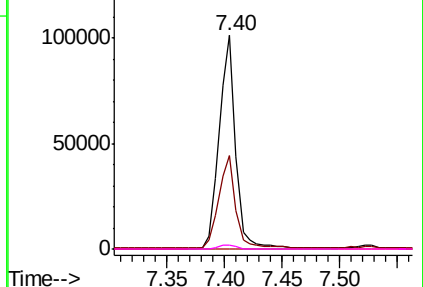


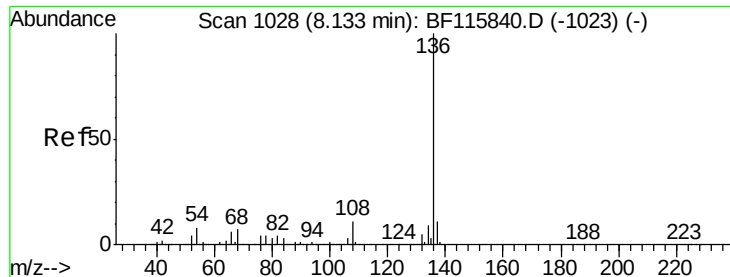
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

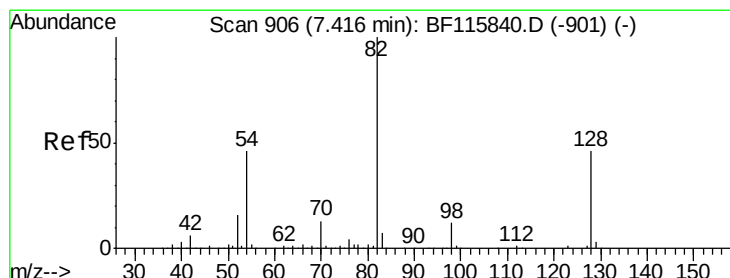
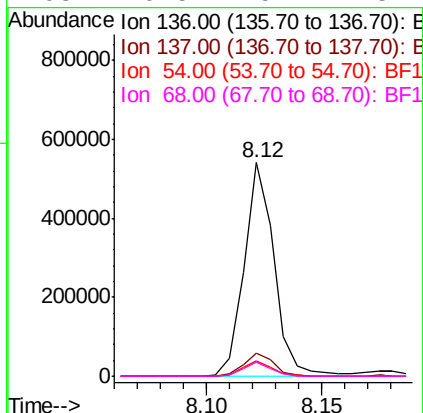
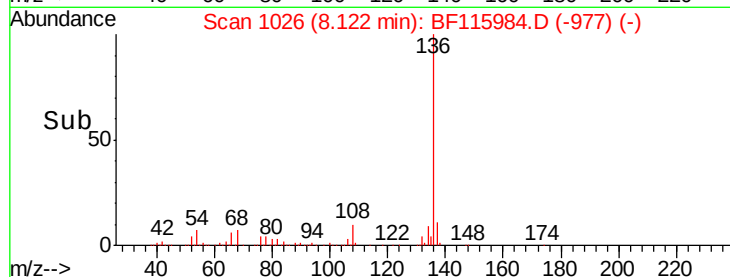
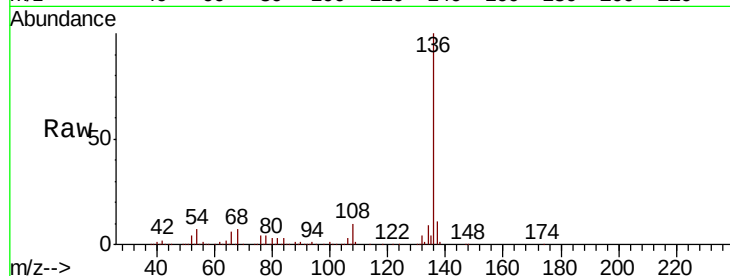




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

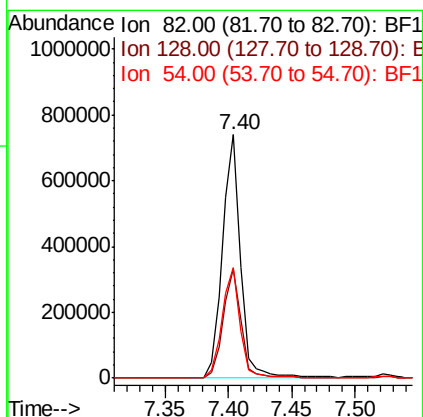
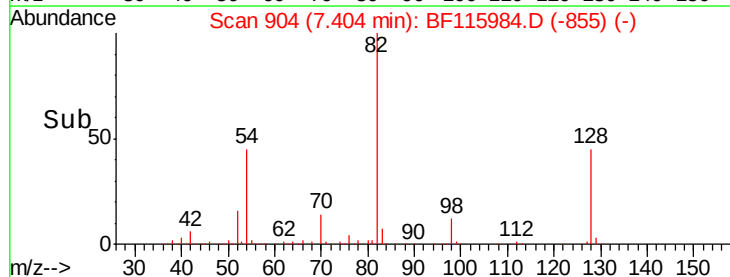
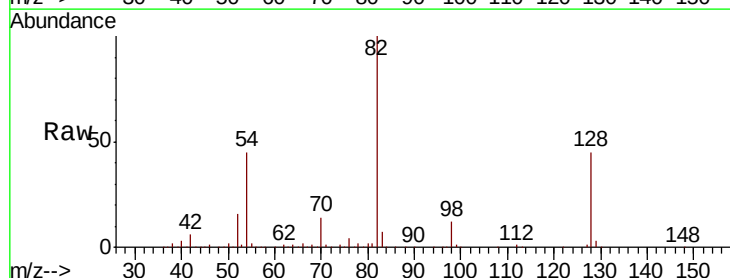
Instrument :
BNA_F
ClientSampleId :
RT3380

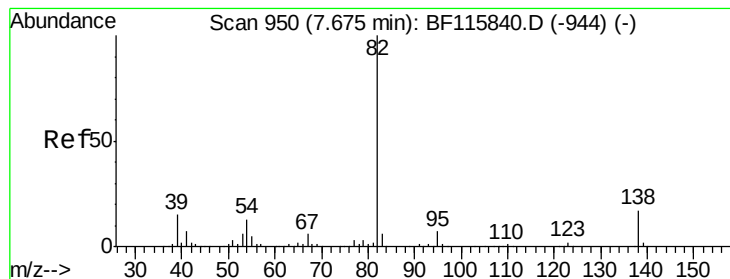
Tgt Ion:	136	Resp:	490303
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.4	6.1	9.1
68	6.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 87.151 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Tgt Ion:	82	Resp:	740265
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	55.0
54	45.4	36.6	55.0





#25

Isophorone

Concen: 45.577 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

Instrument :

BNA_F

ClientSampled :

RT3380

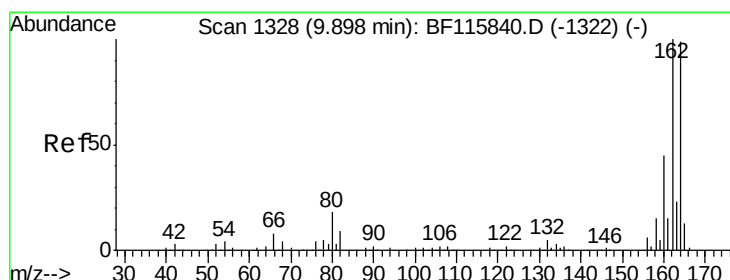
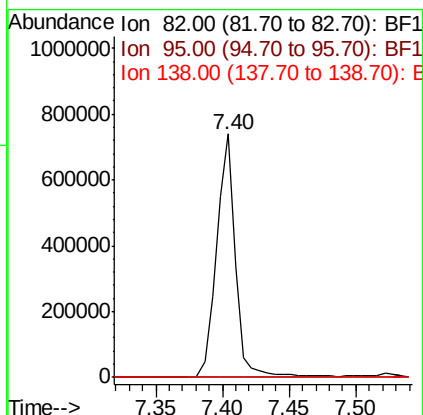
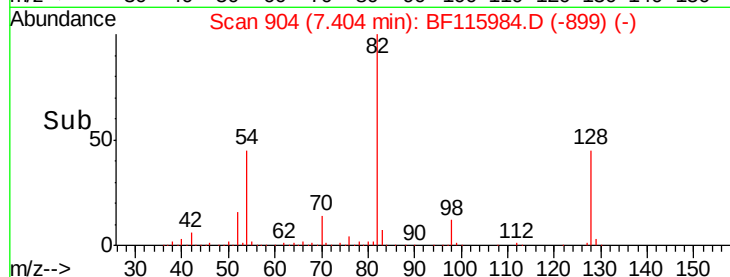
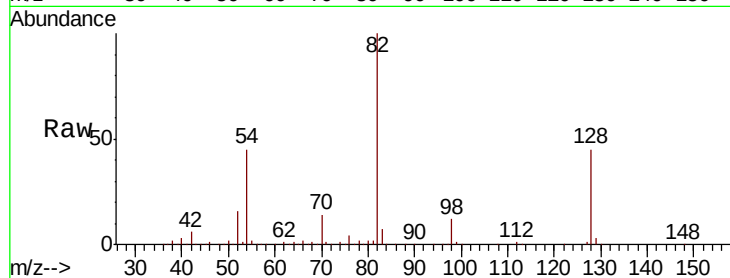
Tgt Ion: 82 Resp: 740254

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: BF115984.D

Acq: 5 Aug 2019 17:21

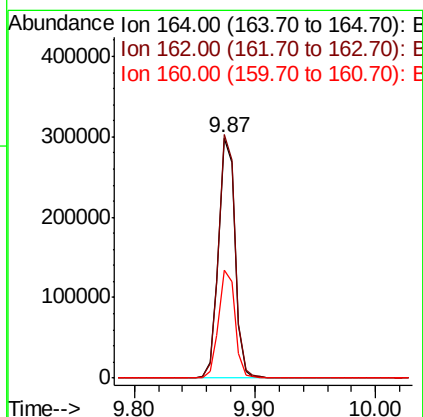
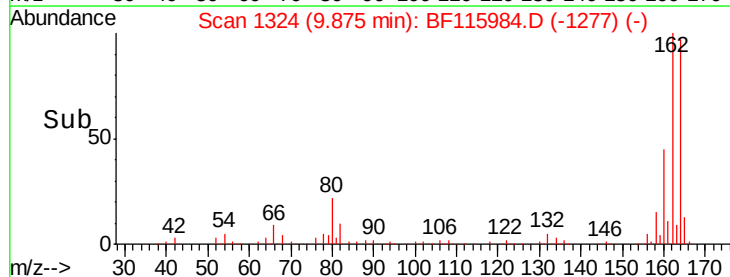
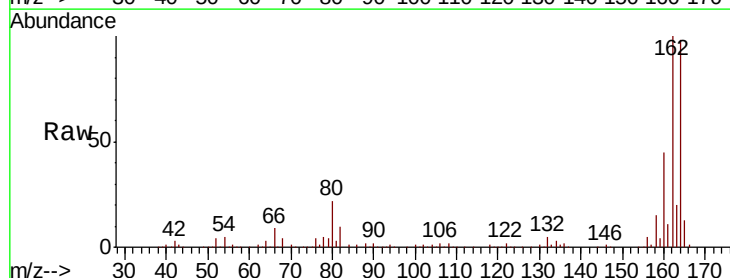
Tgt Ion: 164 Resp: 278821

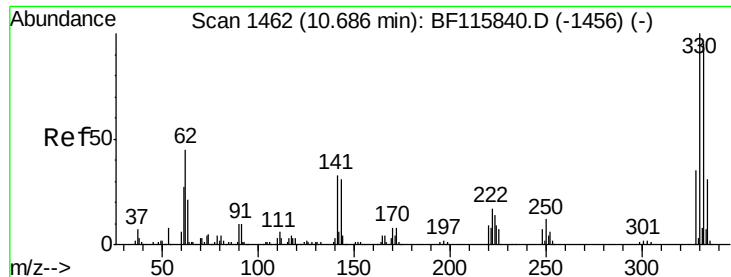
Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

160 45.2 36.2 54.4

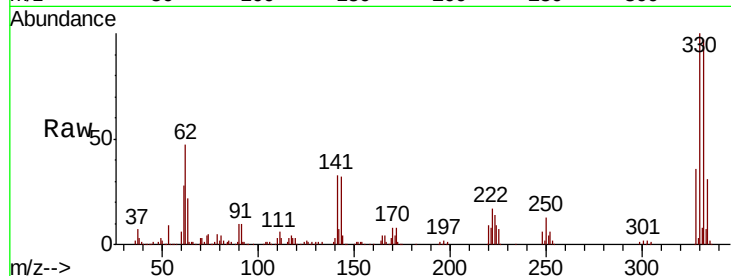




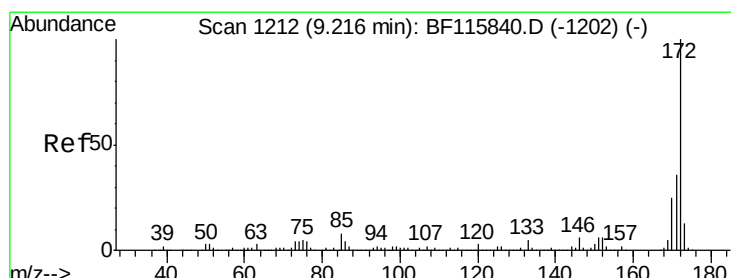
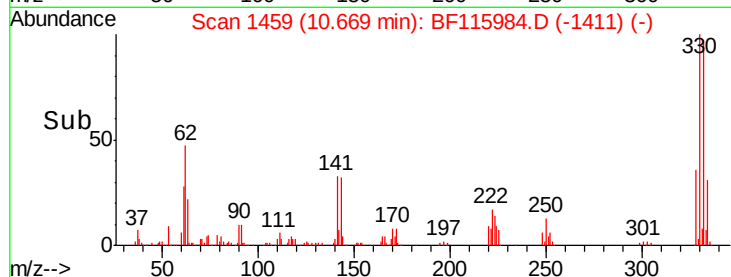
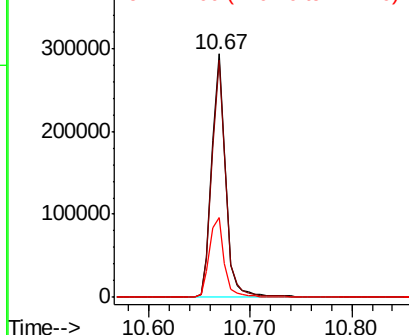
#42
 2,4,6-Tribromophenol
 Concen: 104.645 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 RT3380

Tgt Ion:330 Resp: 282882
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.7 116.5
 141 35.3 28.1 42.1

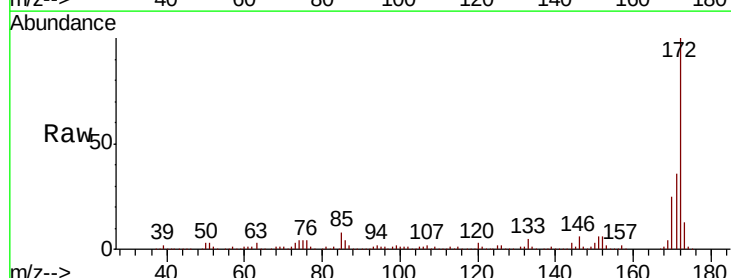


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

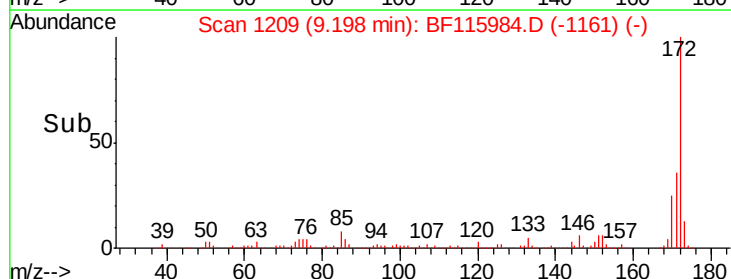
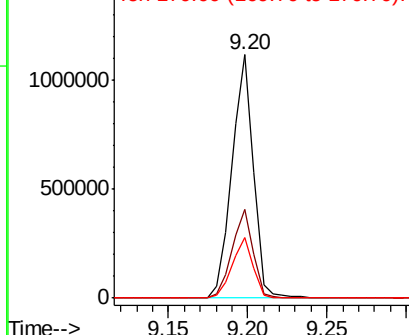


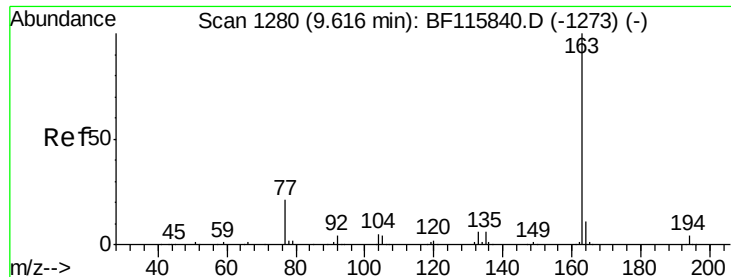
#45
 2-Fluorobiphenyl
 Concen: 70.644 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Tgt Ion:172 Resp: 1051595
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 24.8 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

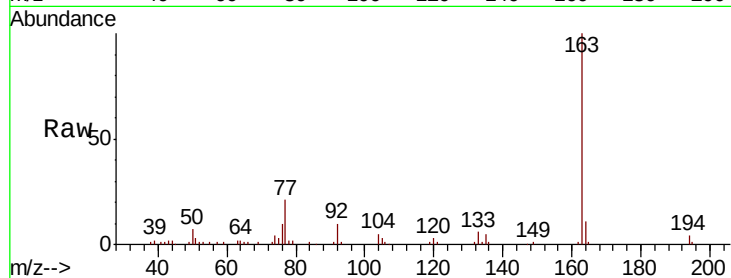




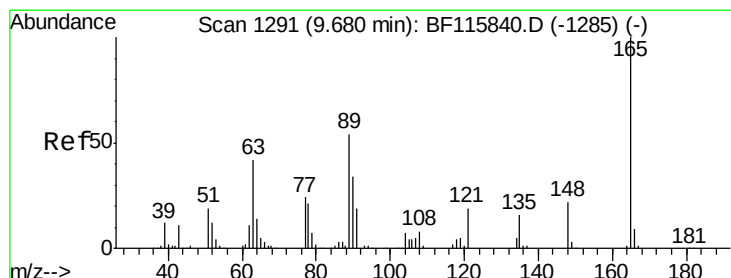
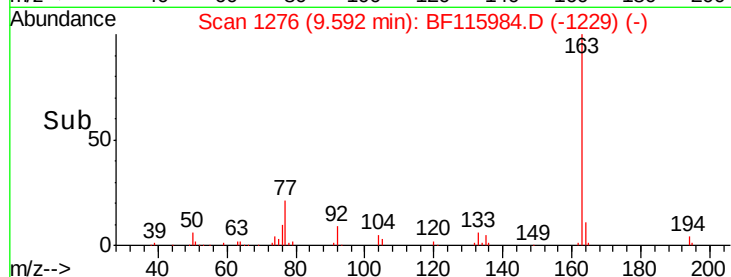
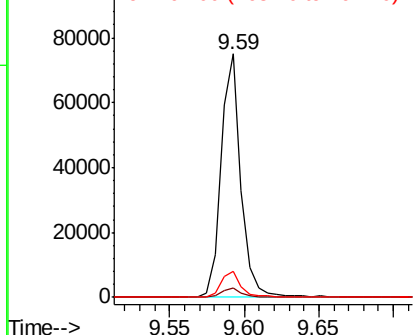
#50
Dimethylphthalate
Concen: 3.685 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Instrument :
BNA_F
ClientSampleId :
RT3380

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.6	8.4	12.6

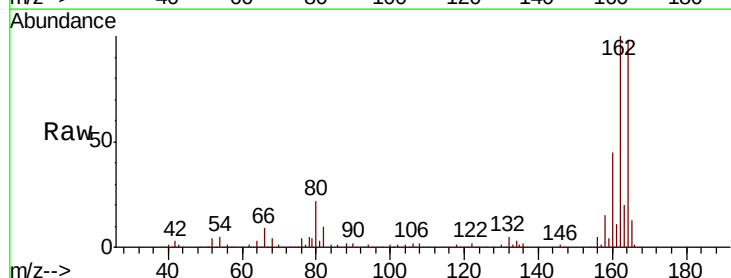


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

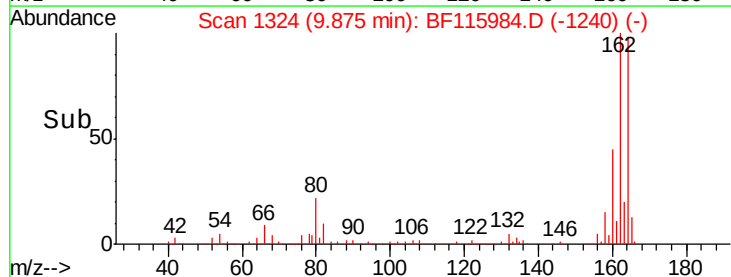
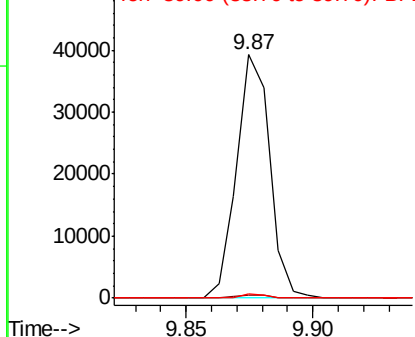


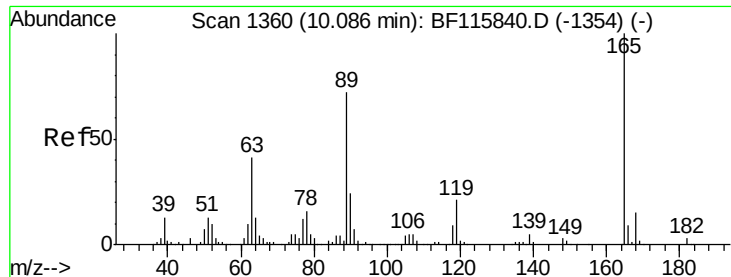
#51
2,6-Dinitrotoluene
Concen: 8.682 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.19 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.5	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: 6.521 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

Instrument :

BNA_F

ClientSampleId :

RT3380

Tgt Ion:165 Resp: 35820

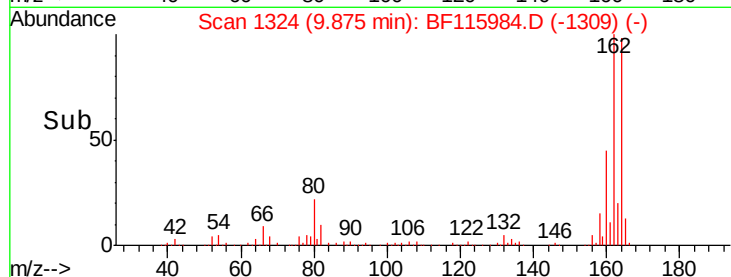
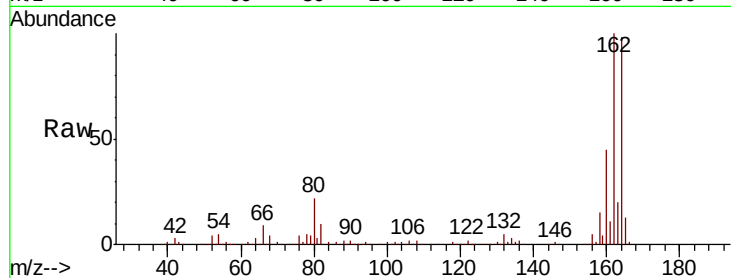
Ion Ratio Lower Upper

165 100

63 1.1 33.2 49.8#

89 1.5 57.3 85.9#

182 0.0 2.1 3.1#

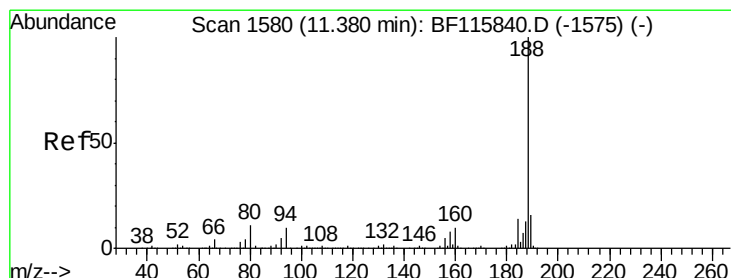
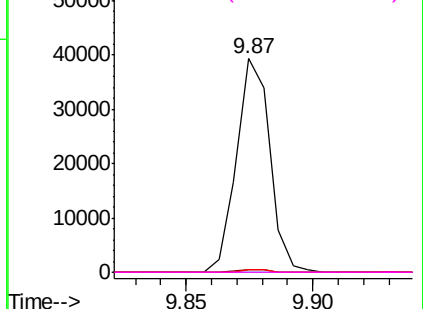


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.02 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

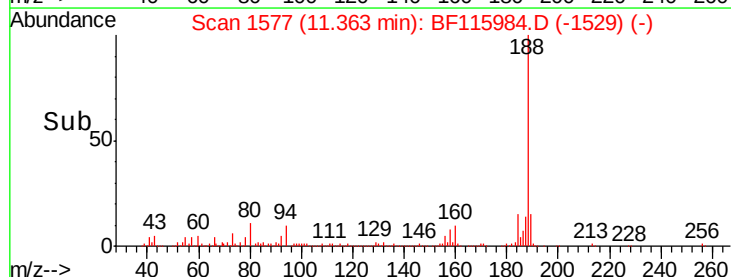
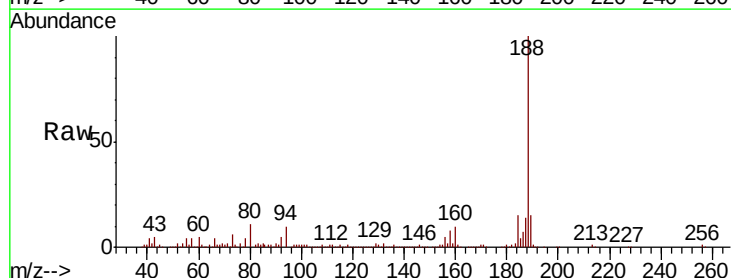
Tgt Ion:188 Resp: 503391

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

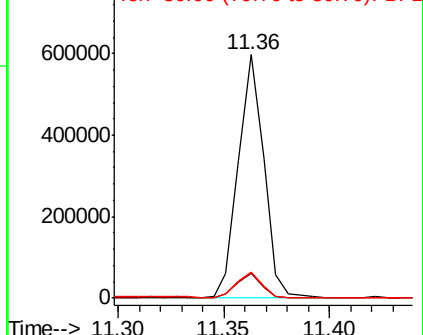
80 10.9 8.6 12.8

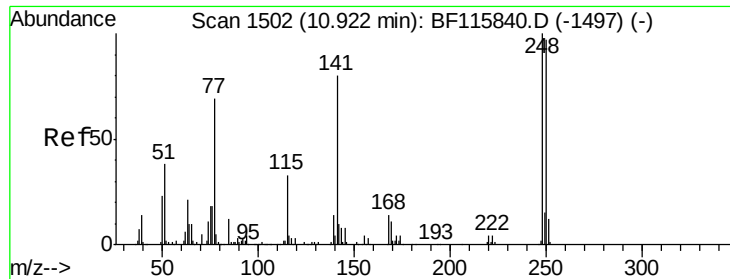


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

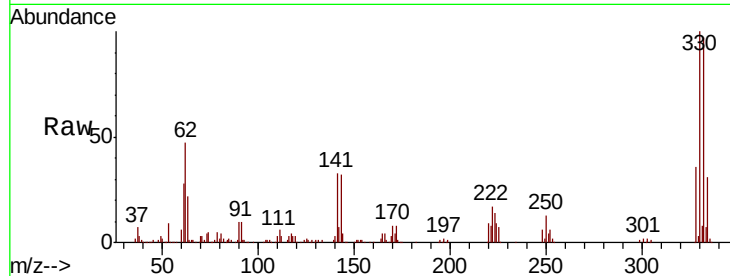




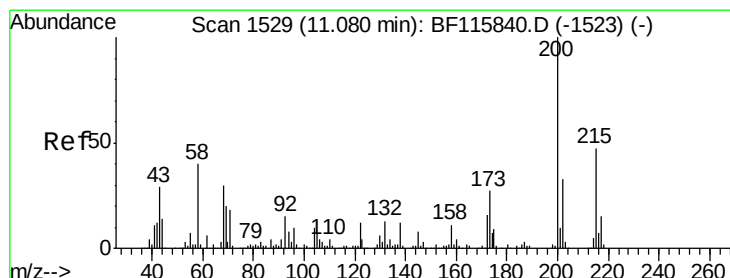
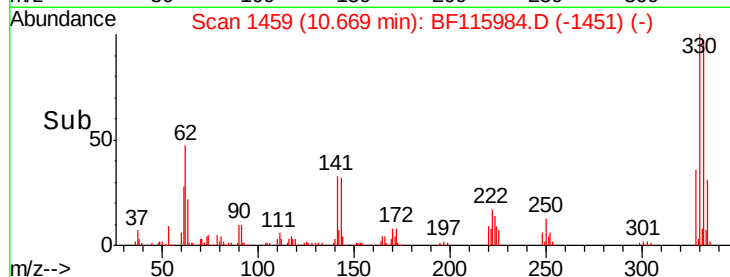
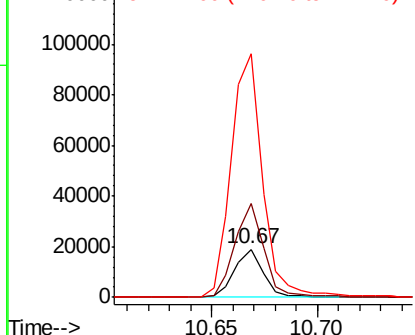
#67
 4-Bromophenyl-phenylether
 Concen: 3.298 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 RT3380

Tgt Ion:248 Resp: 17774
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.8 116.6#
 141 505.9 64.3 96.5#

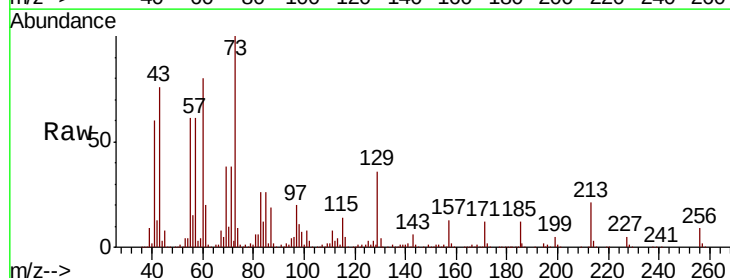


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

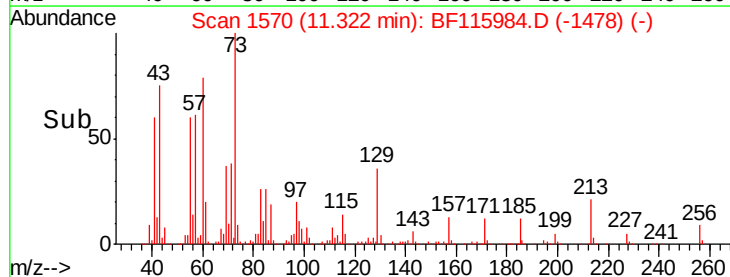
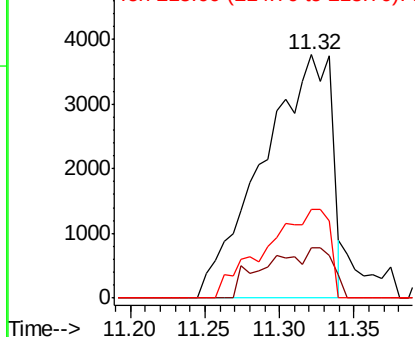


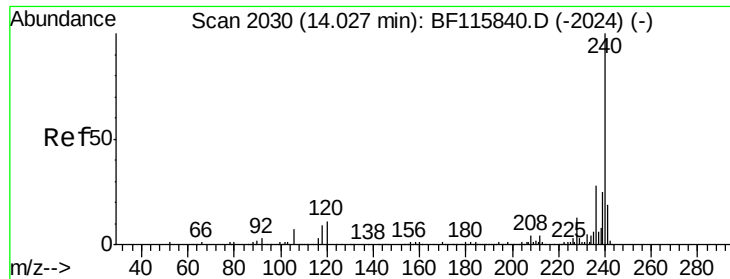
#69
 Atrazine
 Concen: 2.417 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.24 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Tgt Ion:200 Resp: 12049
 Ion Ratio Lower Upper
 200 100
 173 20.6 7.3 47.3
 215 36.3 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

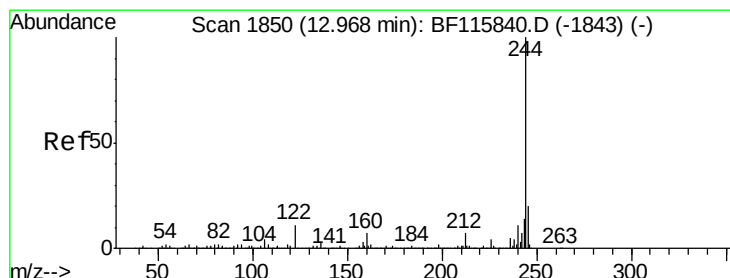
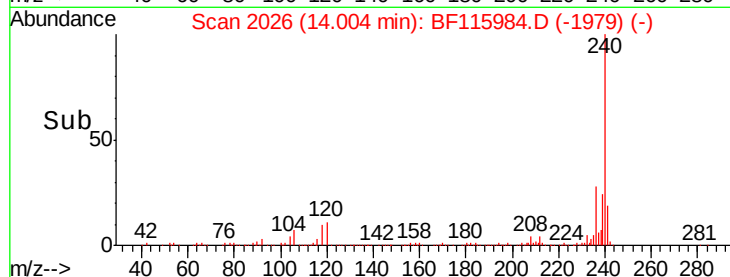
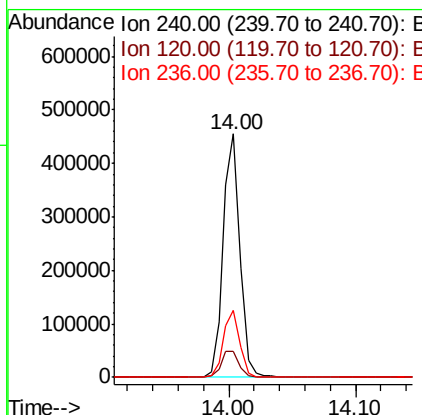
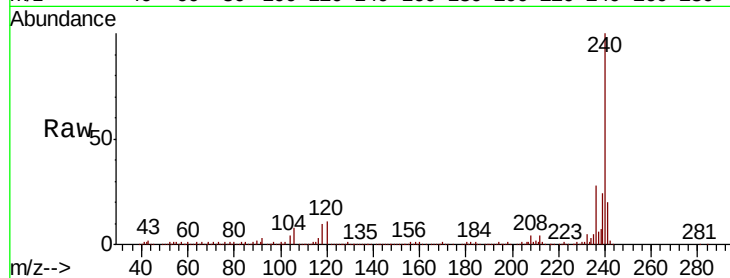




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

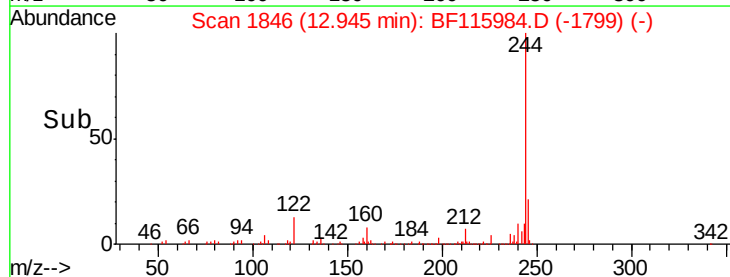
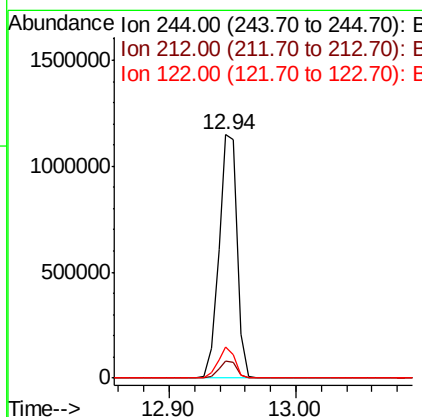
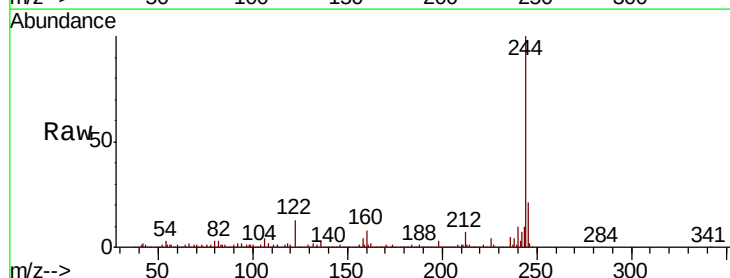
Instrument :
 BNA_F
 ClientSampleId :
 RT3380

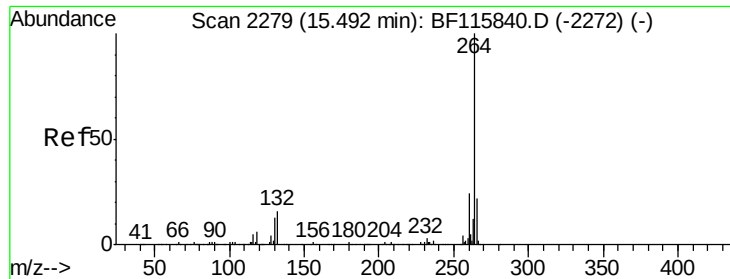
Tgt Ion:240 Resp: 417106
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.5 12.7
 236 27.7 22.2 33.2



#79
 Terphenyl-d14
 Concen: 58.133 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Tgt Ion:244 Resp: 1150727
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.8 8.6 13.0

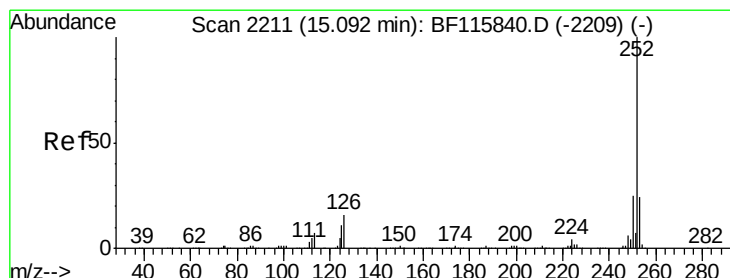
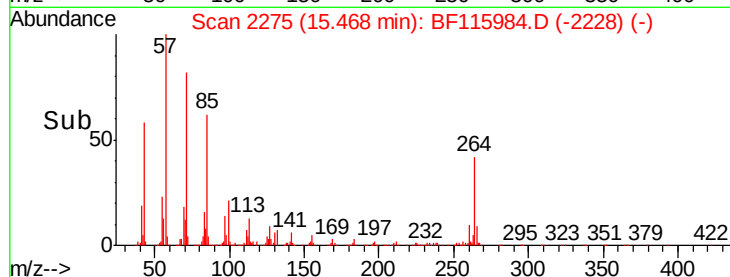
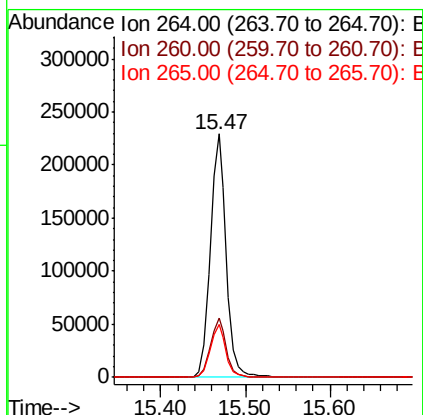
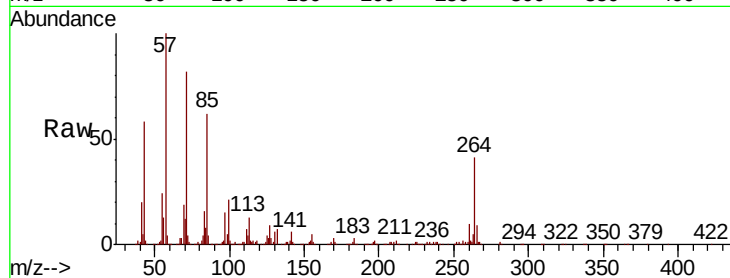




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Instrument :
BNA_F
ClientSampleId :
RT3380

Tgt Ion:264 Resp: 305010
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.7 17.5 26.3



#89
Benzo(k)fluoranthene
Concen: 2.041 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.05 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Tgt Ion:252 Resp: 35063
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 13.7 8.9 13.3#

