

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115919.D
 Acq On : 1 Aug 2019 21:02
 Operator : HP/JU
 Sample : K4074-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-12_072919

Quant Time: Aug 02 05:01:52 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

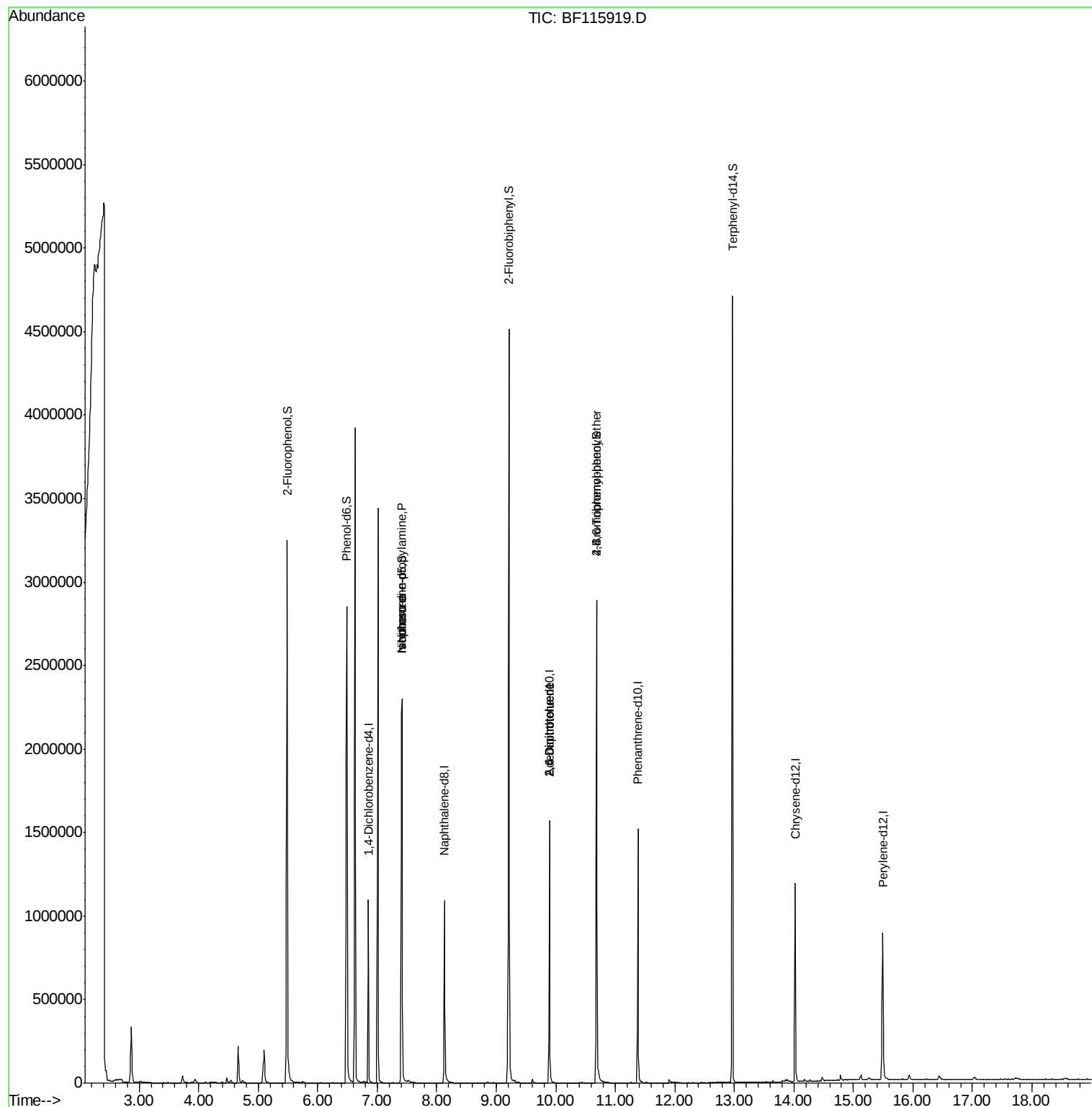
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153067	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	588075	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	315362	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	549936	20.00	ng	0.00
76) Chrysene-d12	14.02	240	413587	20.00	ng	0.00
87) Perylene-d12	15.49	264	454438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1050309	114.87	ng	0.02
7) Phenol-d6	6.49	99	1238544	107.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	963377	94.56	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	410185	134.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1659960	98.59	ng	0.00
79) Terphenyl-d14	12.97	244	1783311	90.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	129596	18.129	ng	# 76
25) Isophorone	7.42	82	940664	48.287	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	40329	8.642	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	40329	6.491	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	25295	4.297	ng	# 1

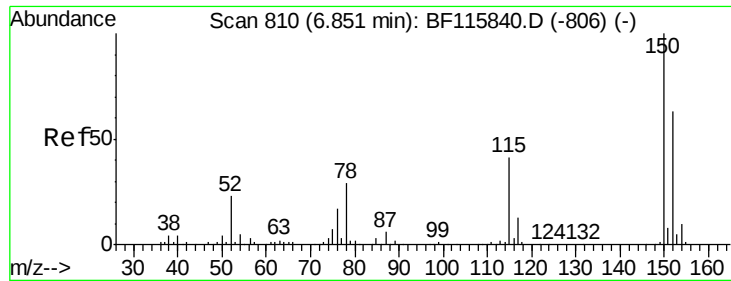
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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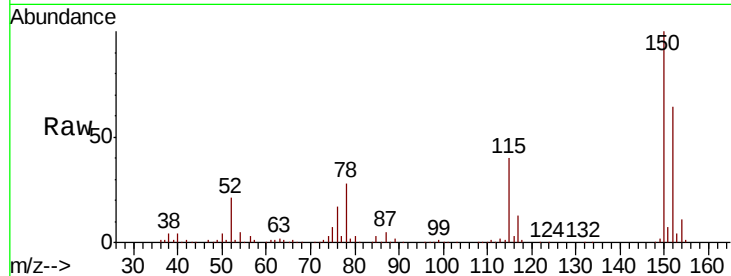


#1

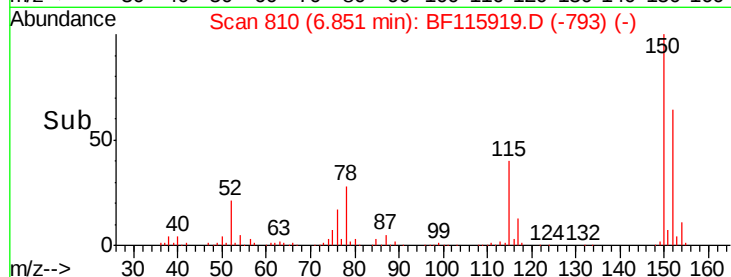
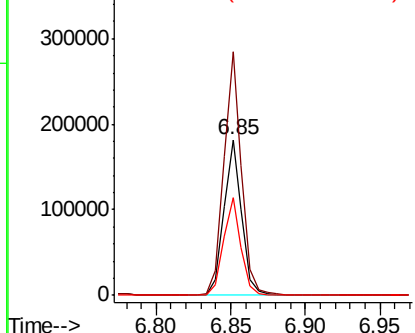
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

Instrument :
BNA_F
ClientSampleId :
SS-12_072919

Tgt Ion:152 Resp: 153067
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.0
115 62.5 51.8 77.8



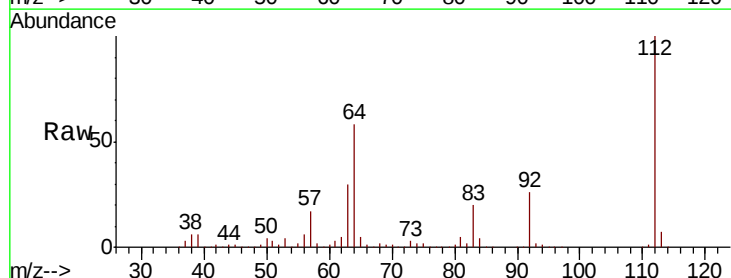
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



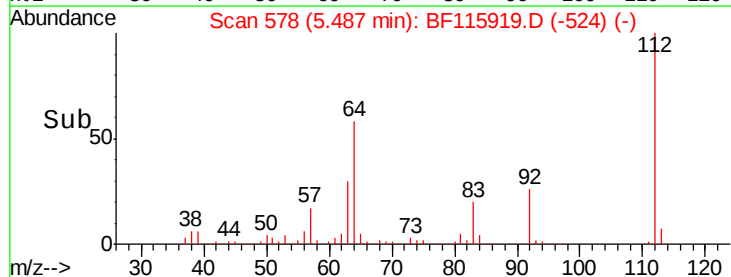
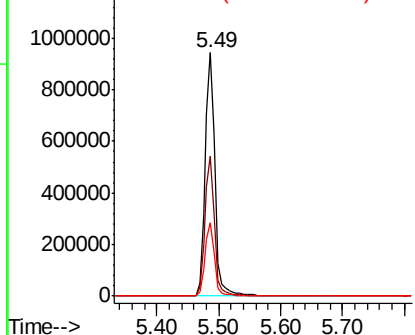
#5

2-Fluorophenol
Concen: 114.870 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

Tgt Ion:112 Resp: 1050309
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 30.1 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: 107.363 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Instrument :

BNA_F

ClientSampleId :

SS-12_072919

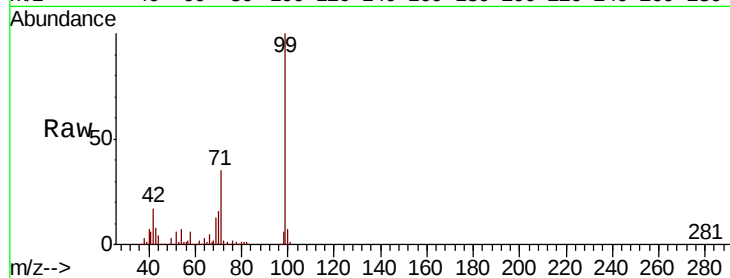
Tgt Ion: 99 Resp: 1238544

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

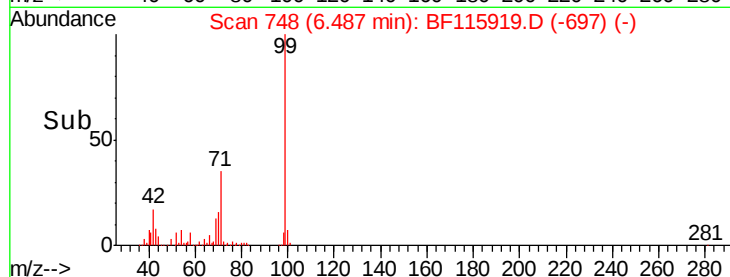
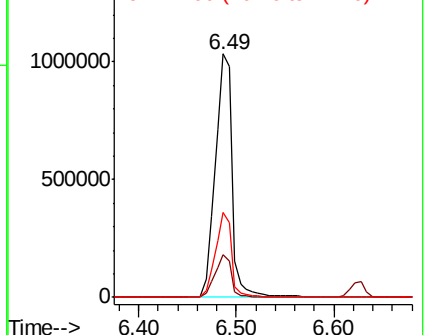
71 34.8 27.1 40.7



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: 18.129 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Tgt Ion: 70 Resp: 129596

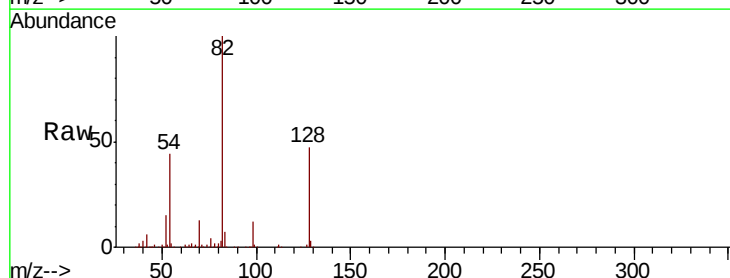
Ion Ratio Lower Upper

70 100

42 41.5 41.8 62.8#

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

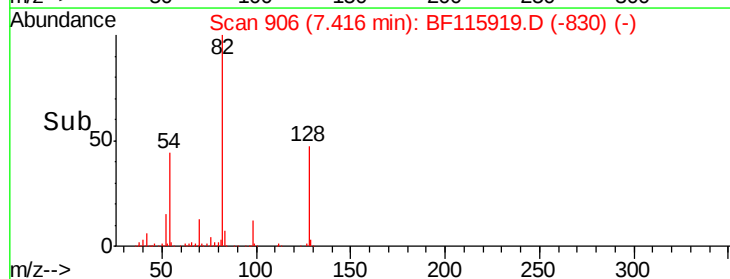
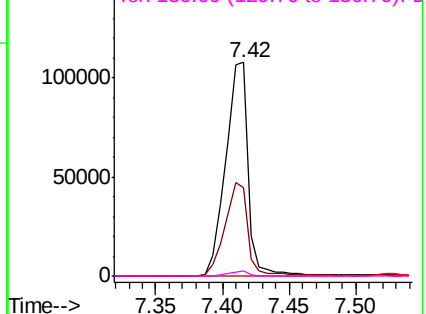


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

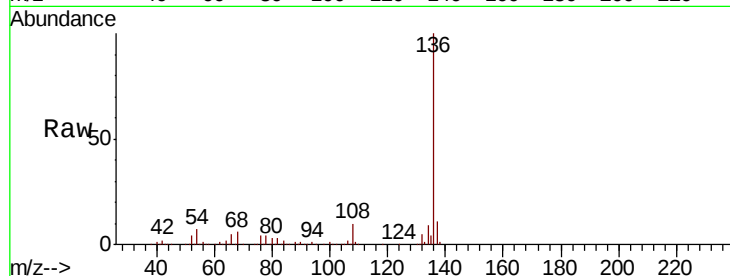




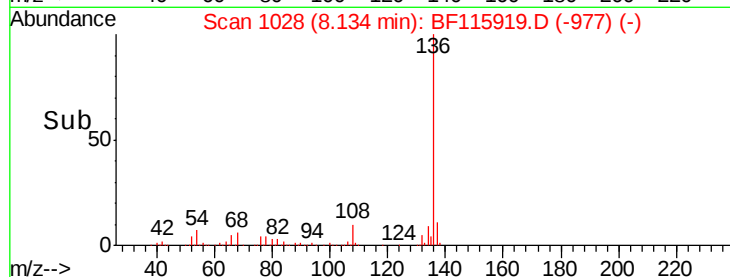
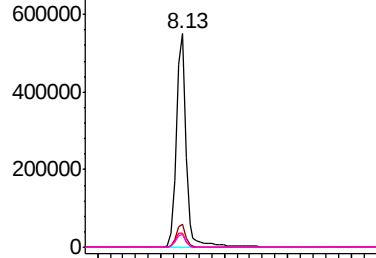
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

Instrument :
BNA_F
ClientSampleId :
SS-12_072919

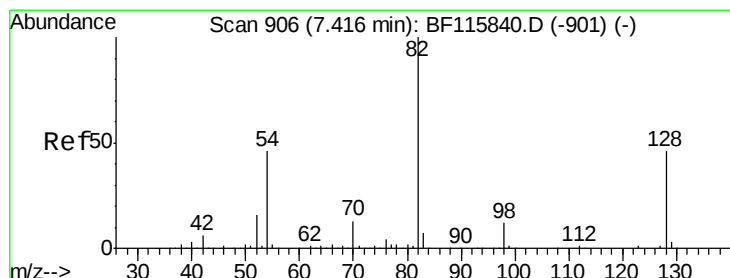
Tgt Ion:	136	Resp:	588075
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.7	6.1	9.1
68	6.0	5.4	8.2



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

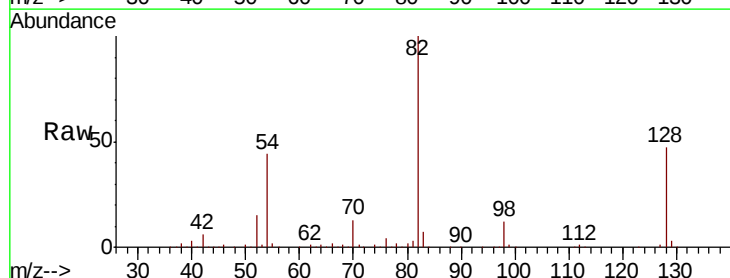


Time-->

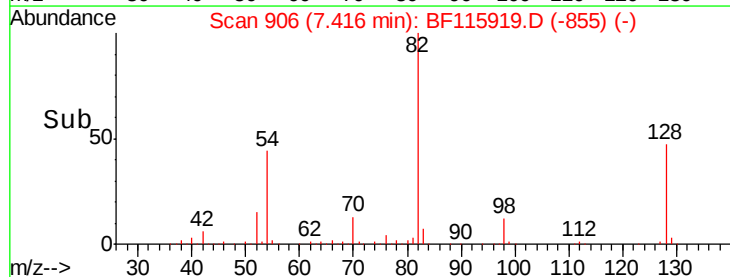
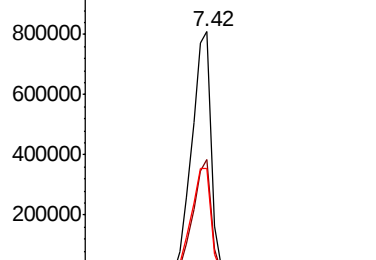


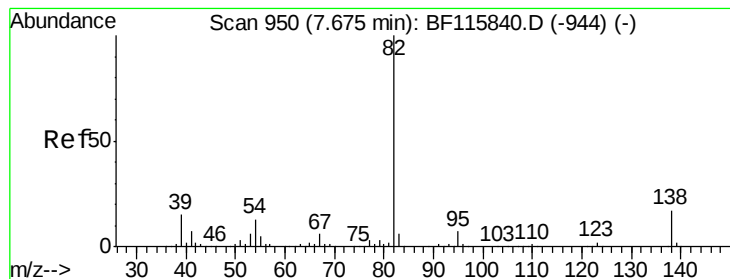
#23
Nitrobenzene-d5
Concen: 94.561 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

Tgt Ion:	82	Resp:	963377
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.6	55.0
54	43.8	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: 48.287 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Instrument :

BNA_F

ClientSampleId :

SS-12_072919

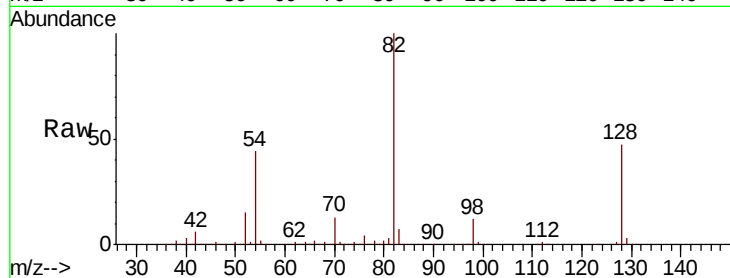
Tgt Ion: 82 Resp: 940664

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

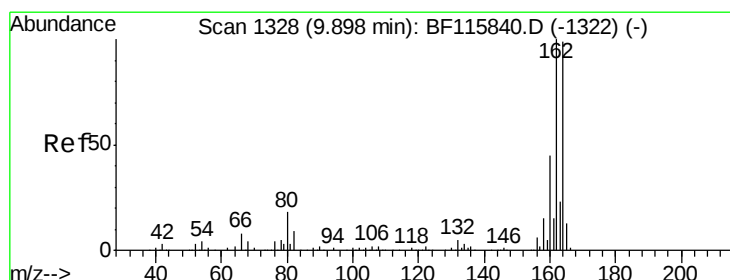
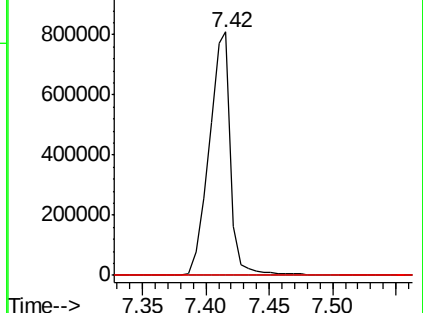
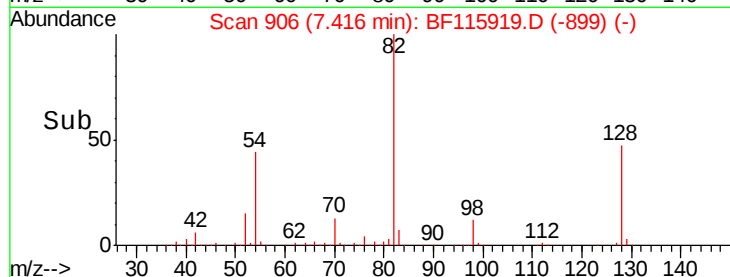
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

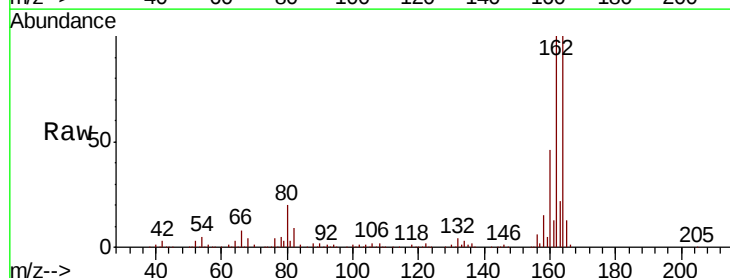
Tgt Ion: 164 Resp: 315362

Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

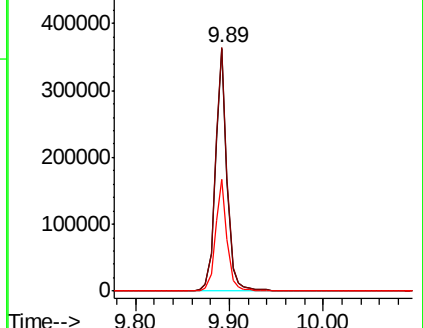
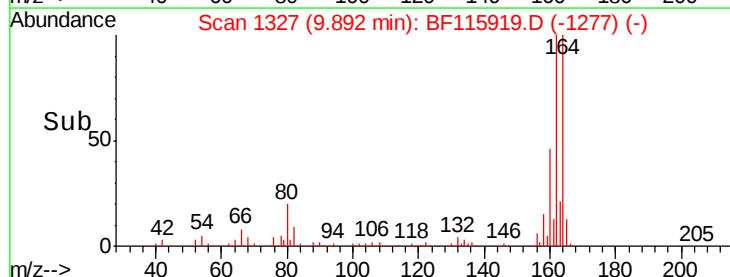
160 45.8 36.2 54.4



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: 134.156 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Instrument :

BNA_F

ClientSampleId :

SS-12_072919

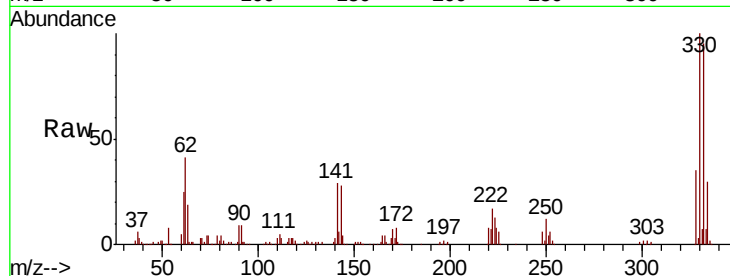
Tgt Ion:330 Resp: 410185

Ion Ratio Lower Upper

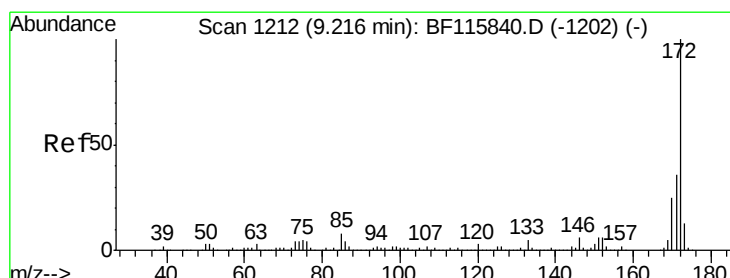
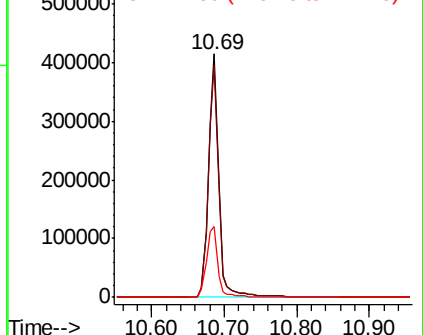
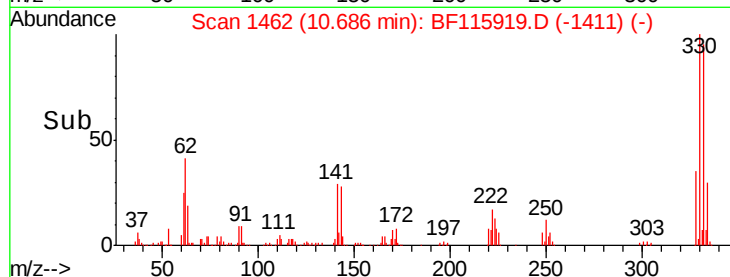
330 100

332 97.0 77.7 116.5

141 33.2 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: 98.592 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

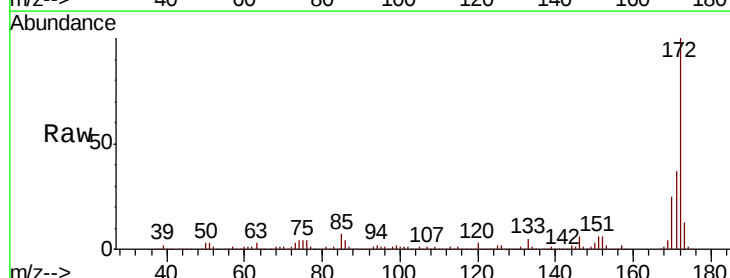
Tgt Ion:172 Resp: 1659960

Ion Ratio Lower Upper

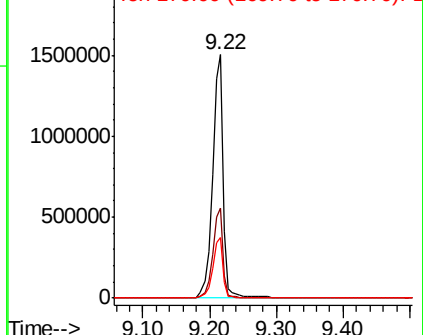
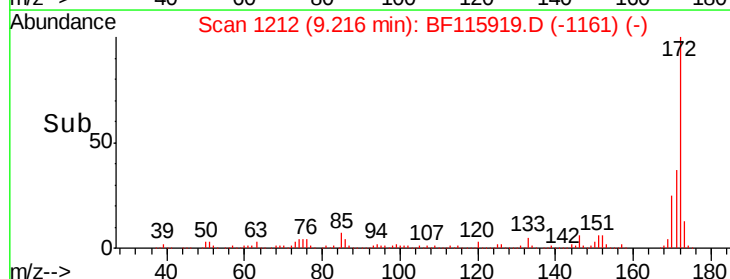
172 100

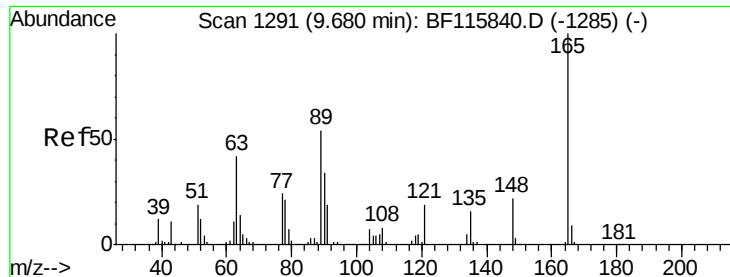
171 36.8 29.1 43.7

170 25.1 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

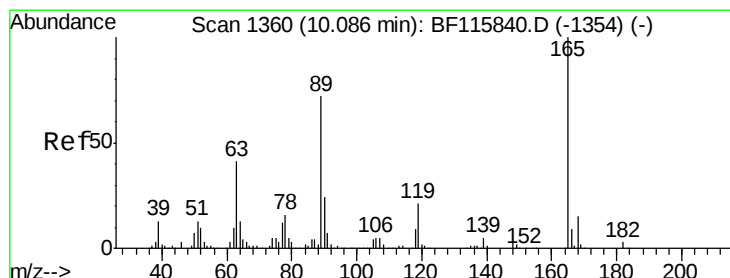
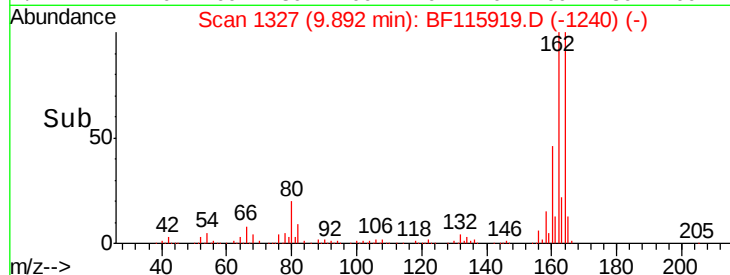
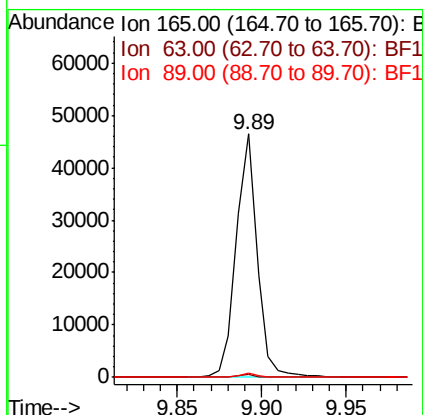
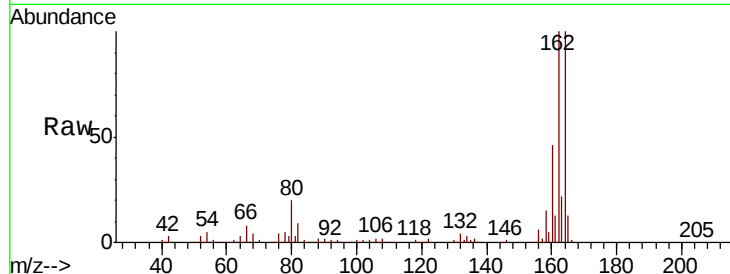




#51
 2,6-Dinitrotoluene
 Concen: 8.642 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

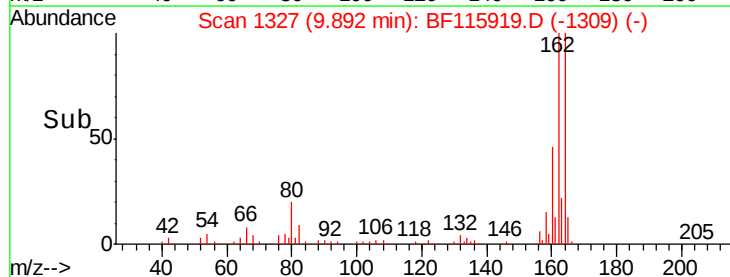
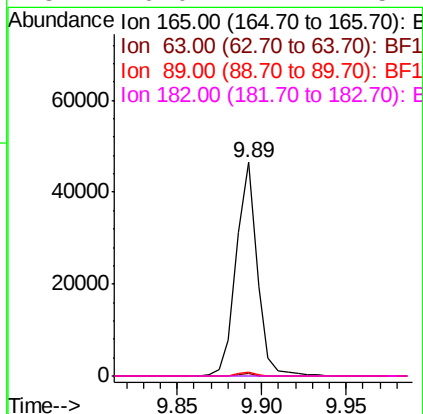
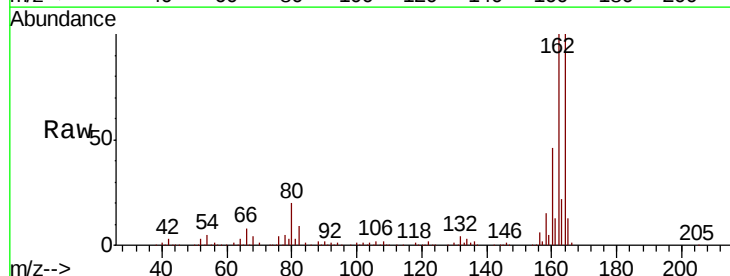
Instrument :
 BNA_F
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 SS-12_072919

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.4	59.2#
89	1.5	43.0	64.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.491 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.2	49.8#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#

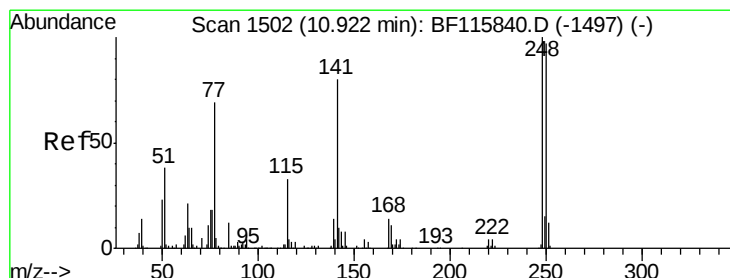
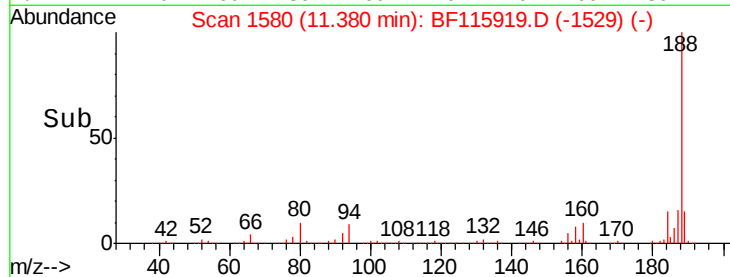
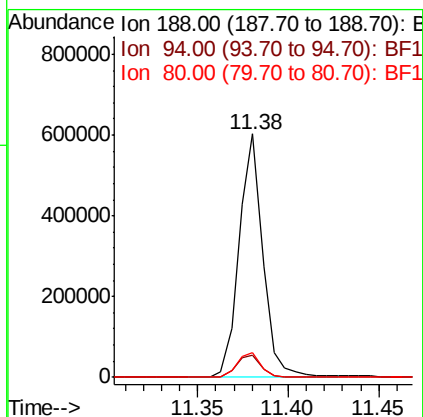
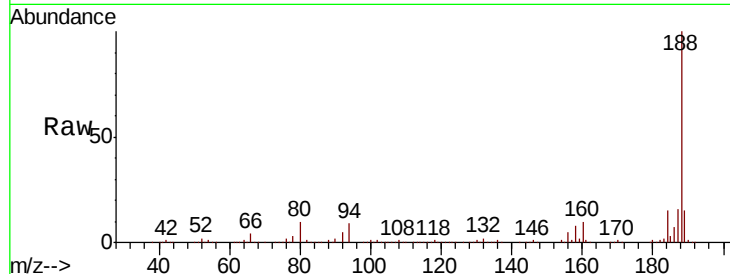




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

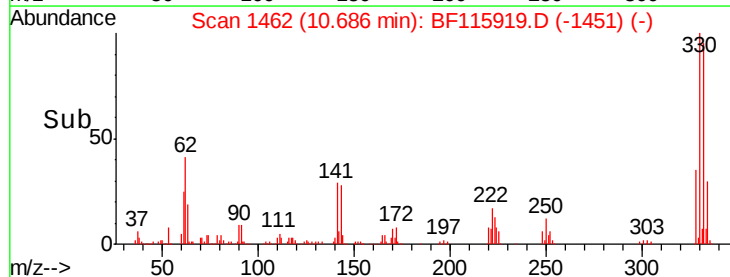
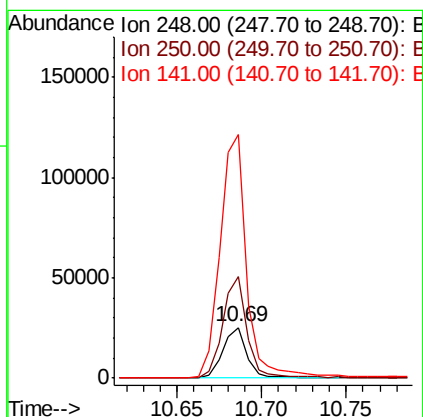
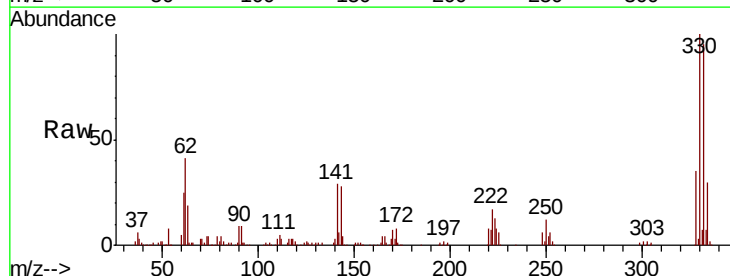
Instrument :
 BNA_F
 ClientSampleId :
 SS-12_072919

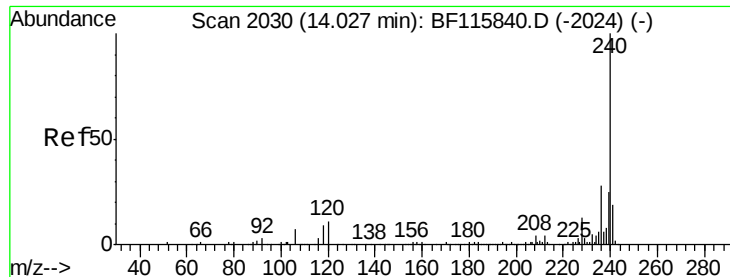
Tgt Ion:188 Resp: 549936
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.0 12.0
 80 10.0 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.297 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

Tgt Ion:248 Resp: 25295
 Ion Ratio Lower Upper
 248 100
 250 201.8 77.8 116.6#
 141 480.9 64.3 96.5#

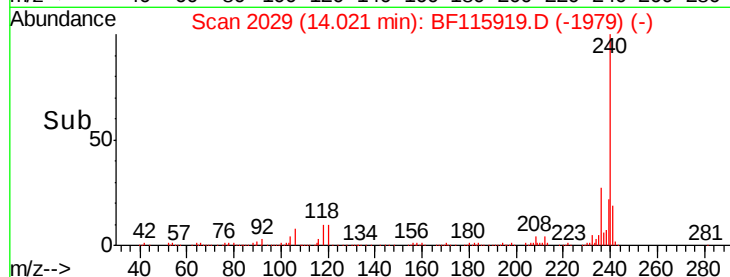
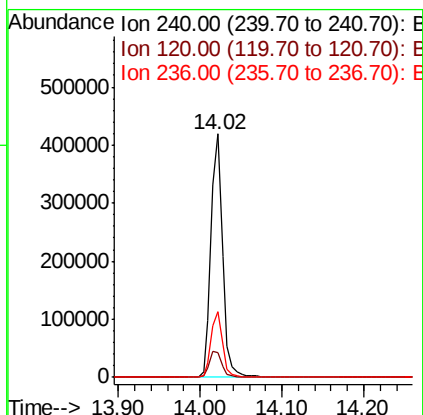
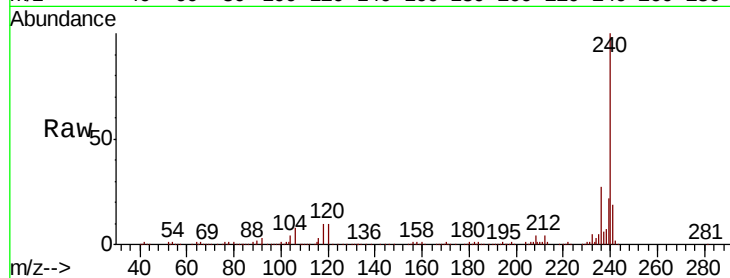




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

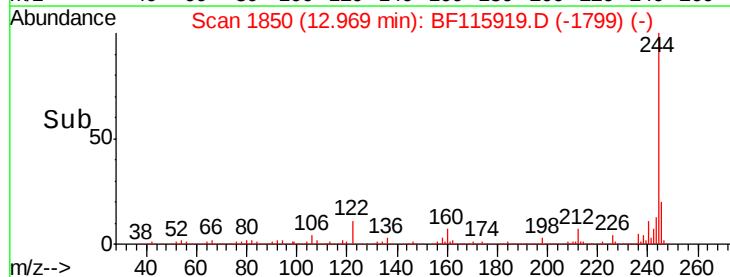
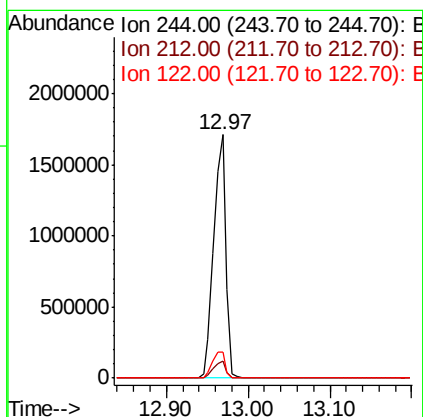
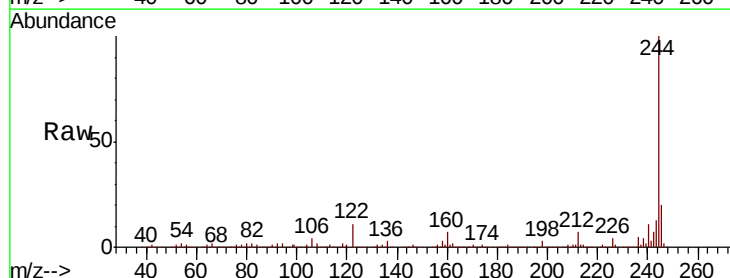
Instrument :
BNA_F
ClientSampleId :
SS-12_072919

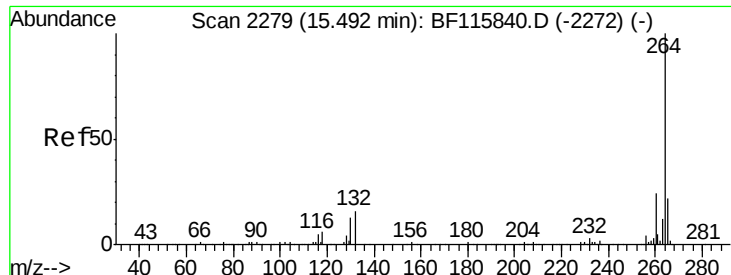
Tgt Ion:240 Resp: 413587
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 27.0 22.2 33.2



#79
Terphenyl-d14
Concen: 90.857 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

Tgt Ion:244 Resp: 1783311
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.9 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

Instrument :
BNA_F
ClientSampleId :
SS-12_072919

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	17.5	26.3

