

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115897.D
 Acq On : 1 Aug 2019 10:29
 Operator : HP/JU
 Sample : PB121854BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:43:50 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

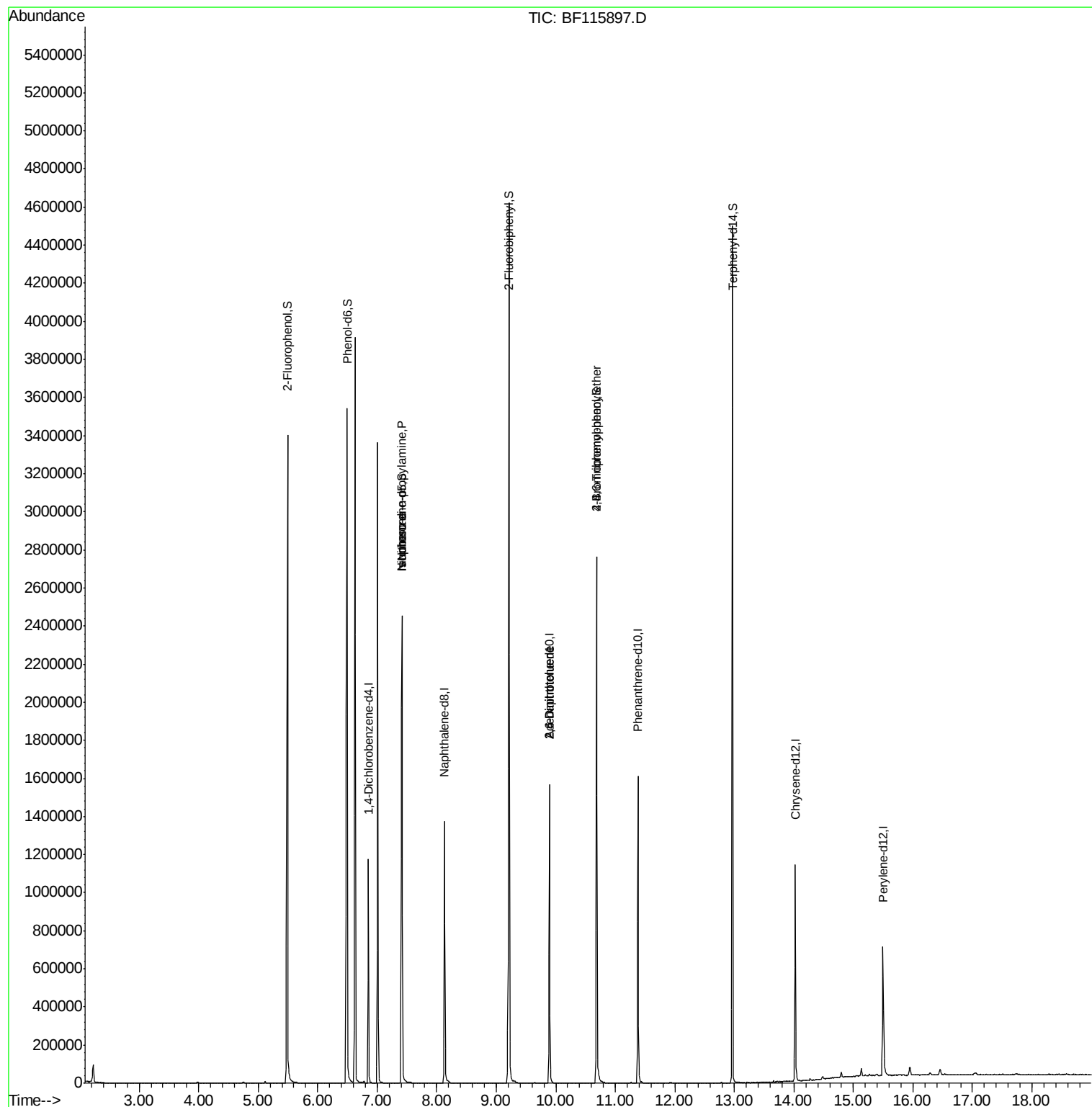
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167658	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	648950	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	347056	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	593428	20.00	ng	0.00
76) Chrysene-d12	14.02	240	387101	20.00	ng	0.00
87) Perylene-d12	15.50	264	358171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1106959	110.53	ng	0.02
7) Phenol-d6	6.49	99	1427935	113.01	ng	0.00
23) Nitrobenzene-d5	7.42	82	937857	83.42	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	379634	112.82	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1601821	86.45	ng	0.00
79) Terphenyl-d14	12.97	244	1686466	91.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	124312	15.876	ng	# 78
25) Isophorone	7.42	82	928547	43.194	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	44294	8.625	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	44295	6.478	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	22790	3.587	ng	# 1

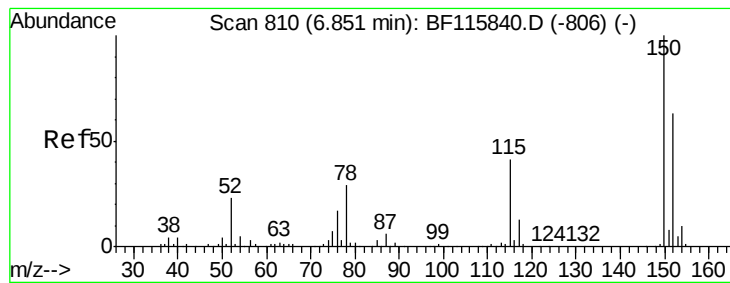
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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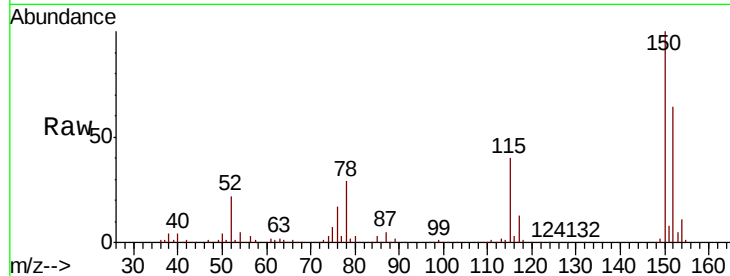


#1

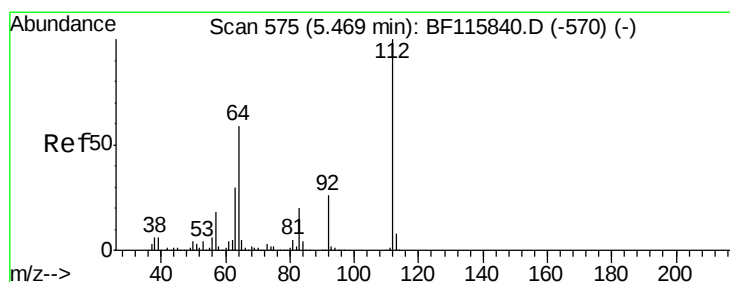
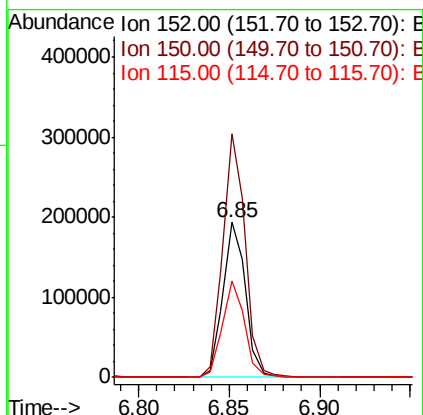
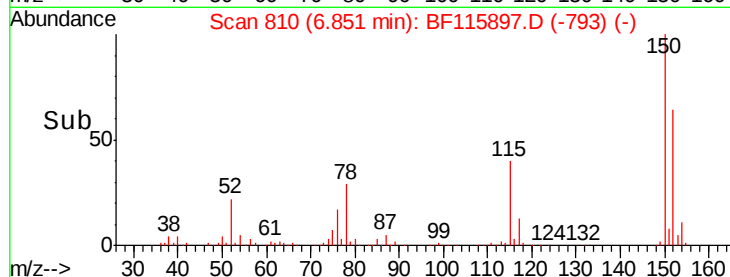
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115897.D
Acq: 1 Aug 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167658
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.0
115 62.1 51.8 77.8



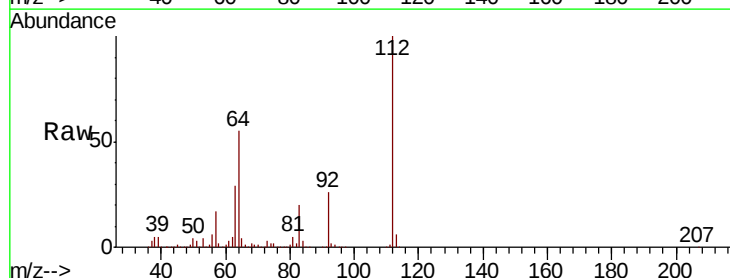
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



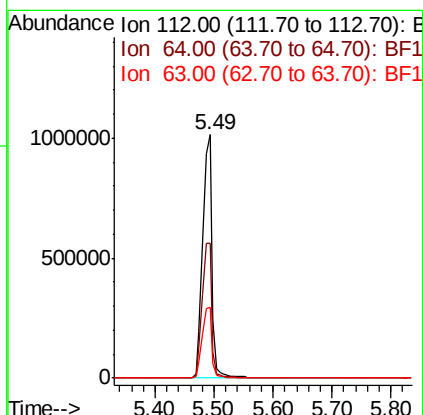
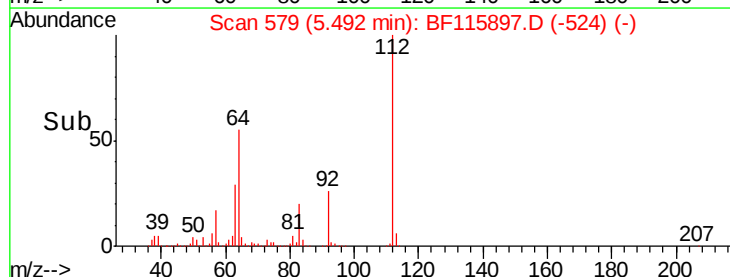
#5

2-Fluorophenol
Concen: 110.530 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF115897.D
Acq: 1 Aug 2019 10:29

Tgt Ion:112 Resp: 1106959
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.9 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: 113.008 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

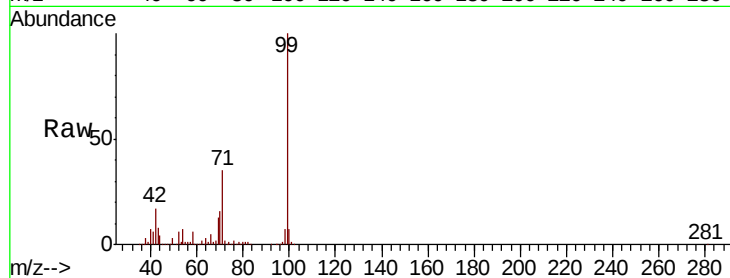
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1427935

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	34.9	27.1	40.7

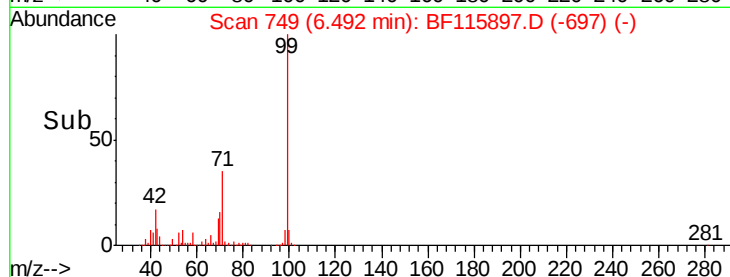
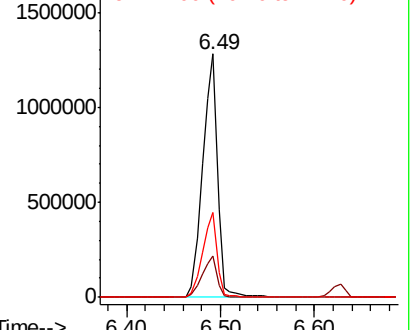


Abundance

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: 15.876 ng

RT: 7.42 min Scan# 906

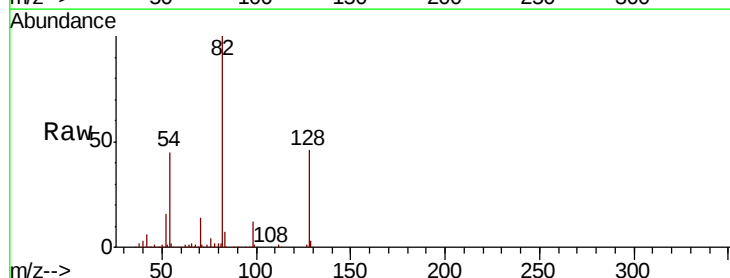
Delta R.T. 0.15 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Tgt Ion: 70 Resp: 124312

Ion	Ratio	Lower	Upper
70	100		
42	43.2	41.8	62.8
101	0.0	7.7	11.5#
130	2.3	17.8	26.6#



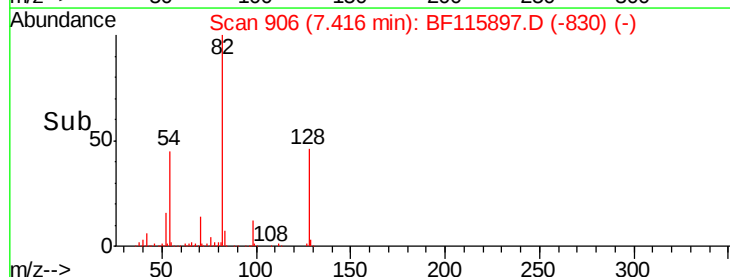
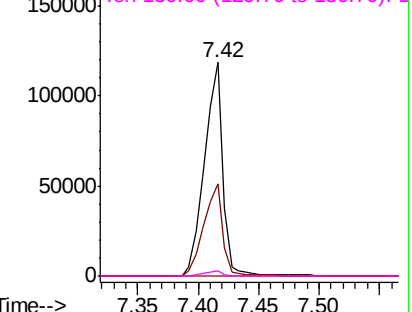
Abundance

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: BF115897.D

Acq: 1 Aug 2019 10:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 648950

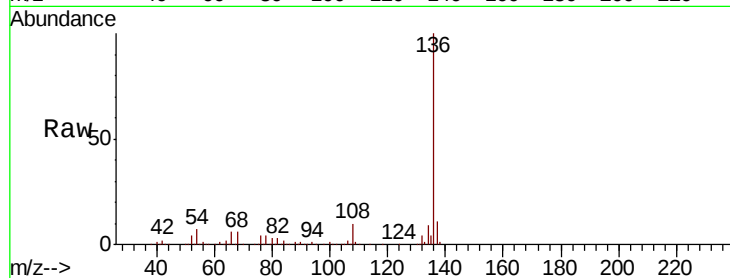
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.2 6.1 9.1

68 6.4 5.4 8.2

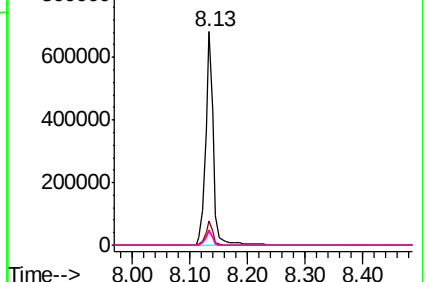
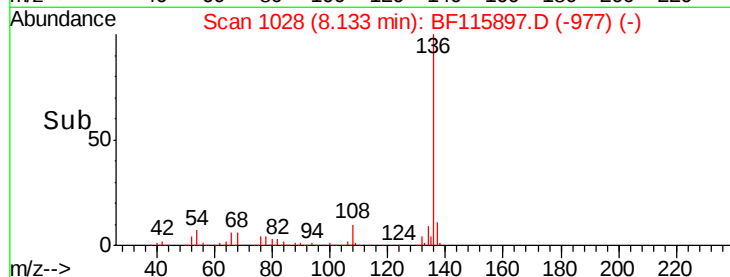


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.421 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

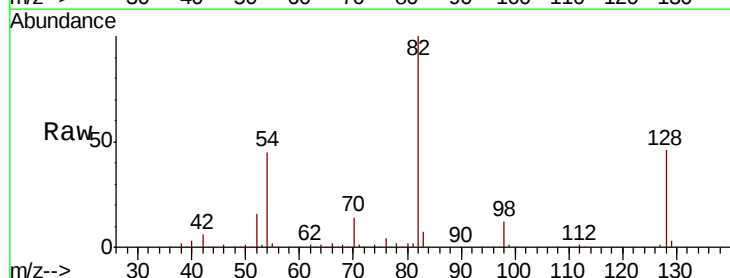
Tgt Ion: 82 Resp: 937857

Ion Ratio Lower Upper

82 100

128 46.5 36.6 55.0

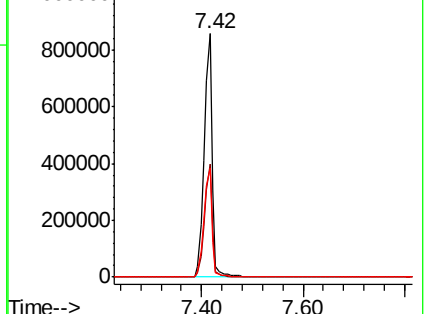
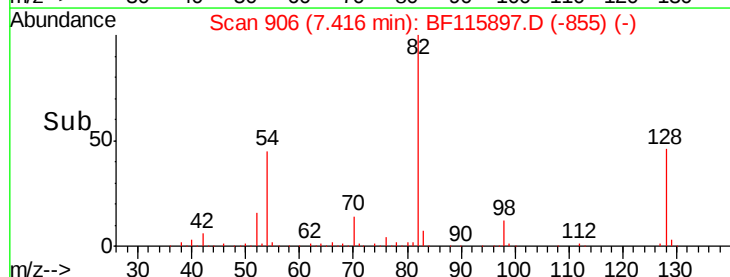
54 45.0 36.6 55.0



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: 43.194 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Instrument :

BNA_F

ClientSampleId :

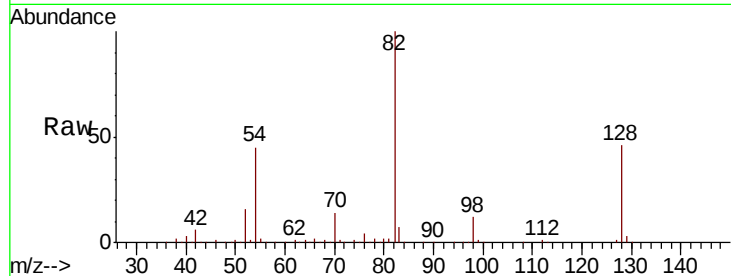
Tot Ion: 82 Resp: 928547

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

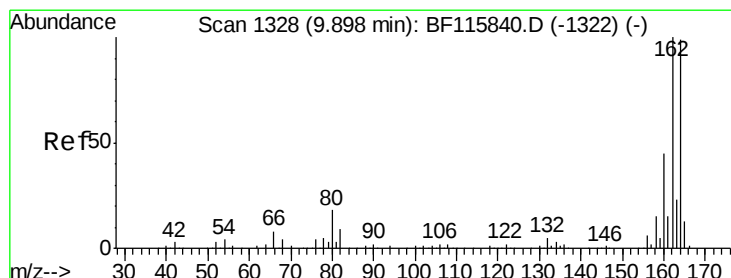
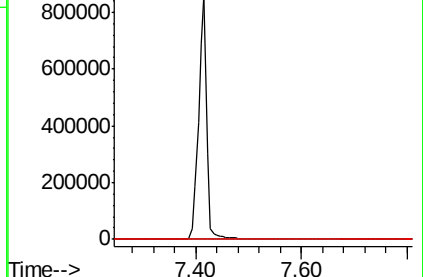
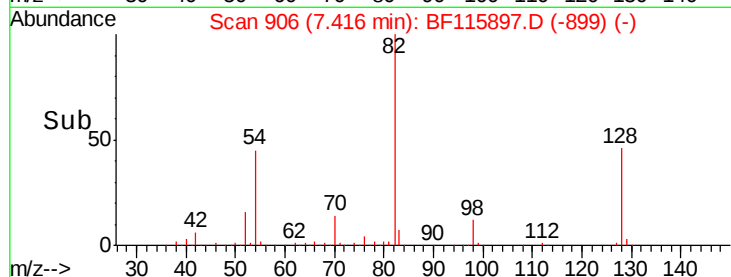
138 0.0 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BF115897.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF115897.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF115897.D (-899) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

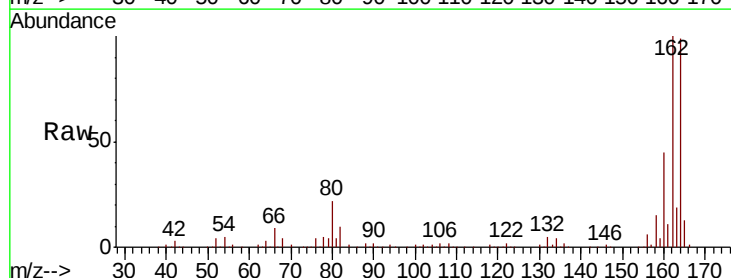
Tgt Ion: 164 Resp: 347056

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

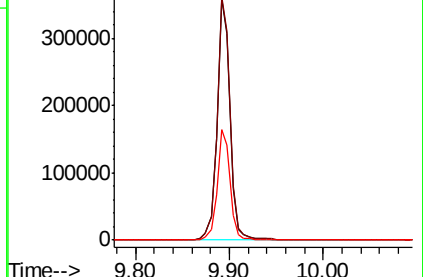
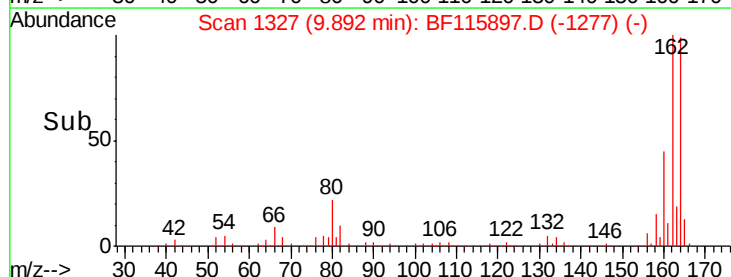
160 45.7 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF115897.D (-1277) (-)

Ion 162.00 (161.70 to 162.70): BF115897.D (-1277) (-)

Ion 160.00 (159.70 to 160.70): BF115897.D (-1277) (-)

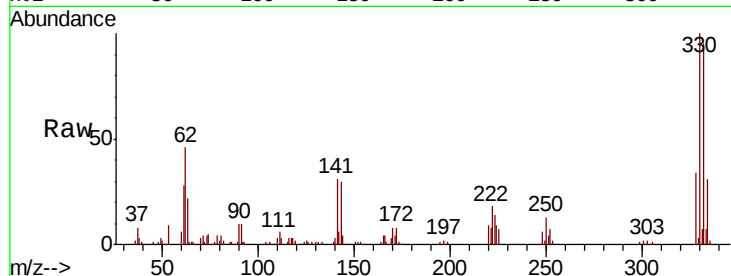




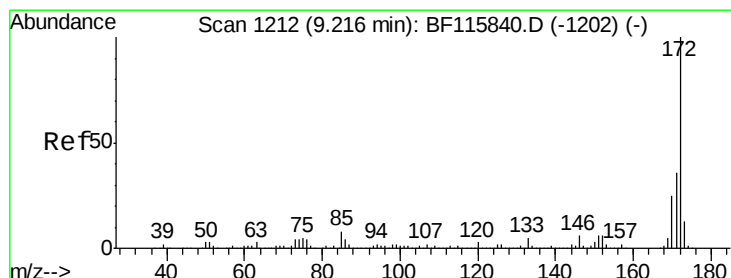
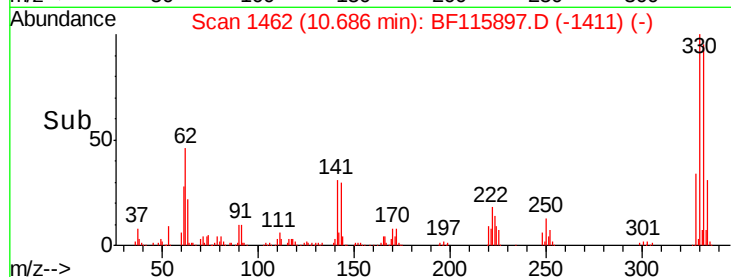
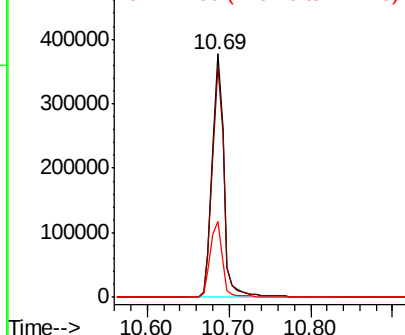
#42
 2,4,6-Tribromophenol
 Concen: 112.825 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 379634
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.7 116.5
 141 32.6 28.1 42.1

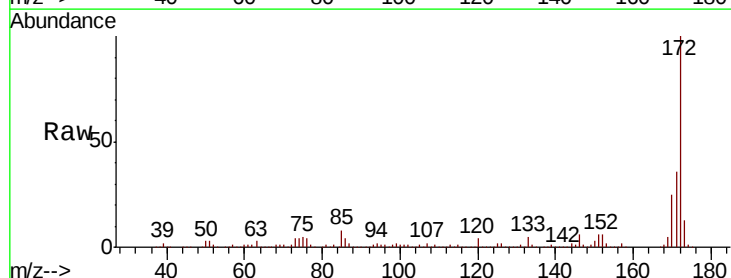


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

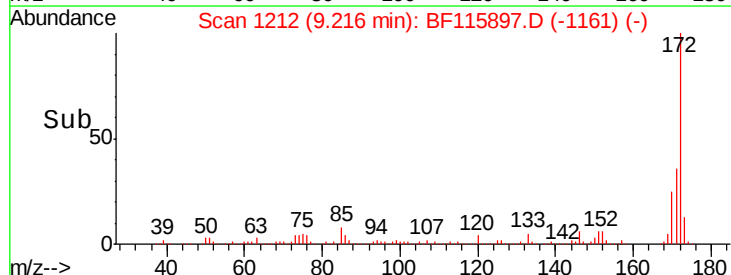
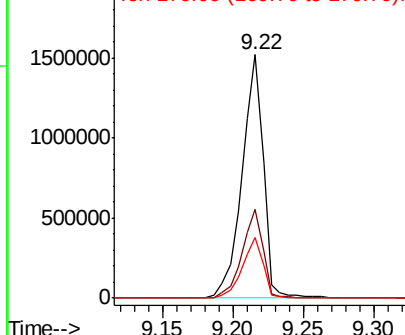


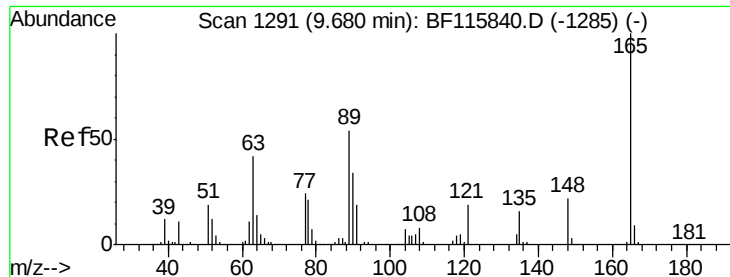
#45
 2-Fluorobiphenyl
 Concen: 86.451 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Tgt Ion:172 Resp: 1601821
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 25.0 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: 8.625 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Instrument :

BNA_F

ClientSampleId :

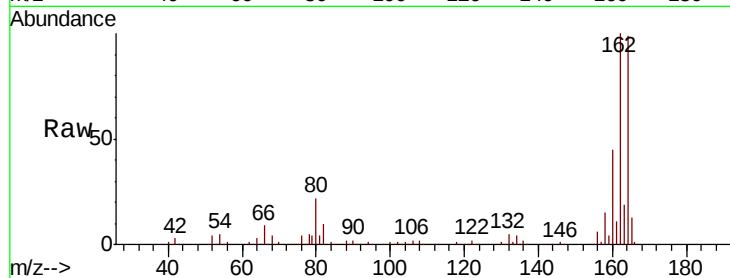
Tot Ion:165 Resp: 44294

Ion Ratio Lower Upper

165 100

63 0.9 39.4 59.2#

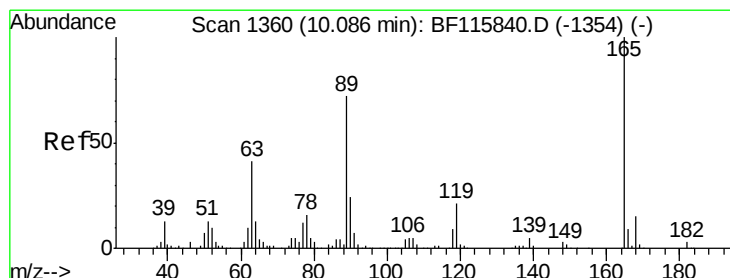
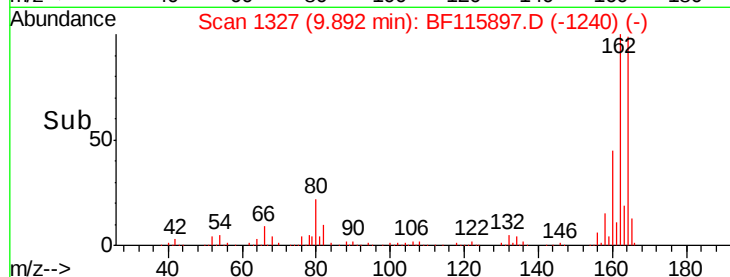
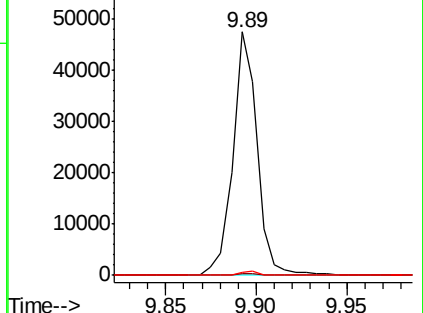
89 1.2 43.0 64.6#



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: 6.478 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115897.D

Acq: 1 Aug 2019 10:29

Tgt Ion:165 Resp: 44295

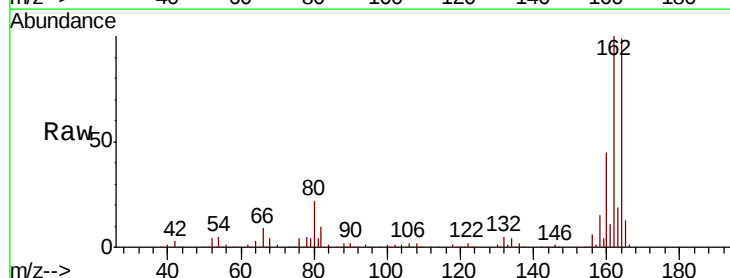
Ion Ratio Lower Upper

165 100

63 0.9 33.2 49.8#

89 1.2 57.3 85.9#

182 0.0 2.1 3.1#

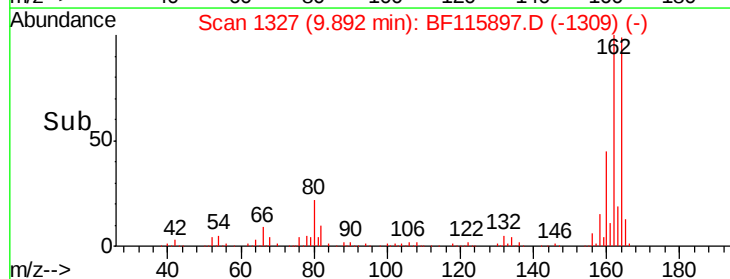
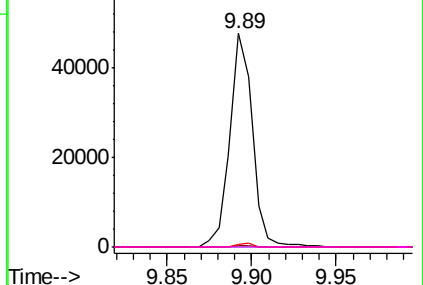


Abundance Ion 165.00 (164.70 to 165.70): E

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

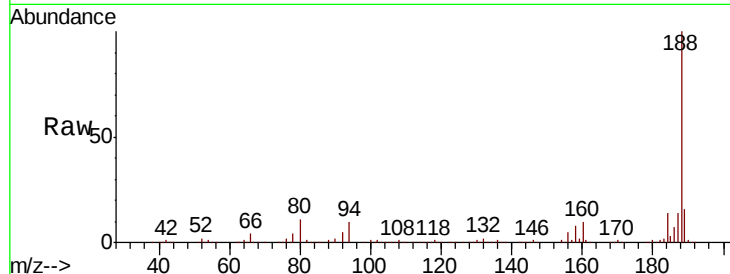




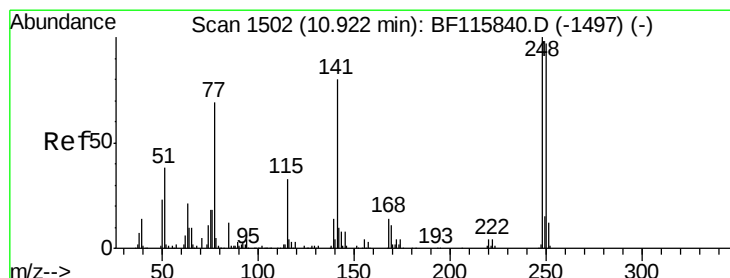
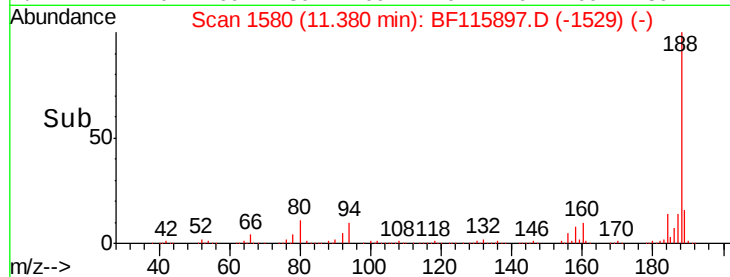
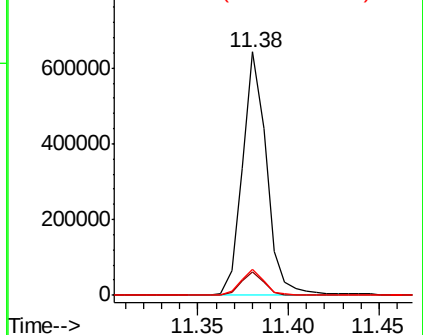
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 593428
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.0 12.0
 80 10.9 8.6 12.8

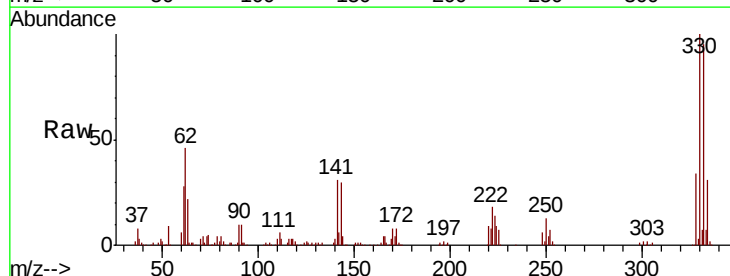


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

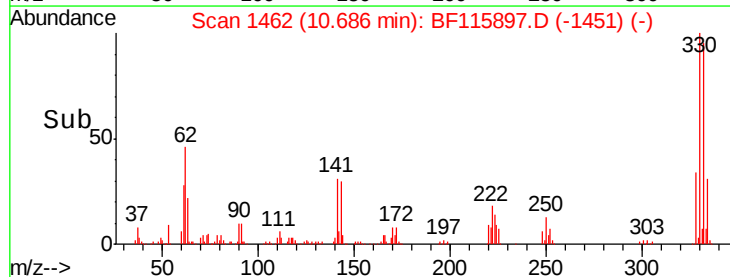
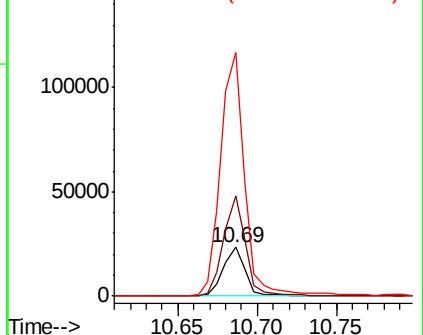


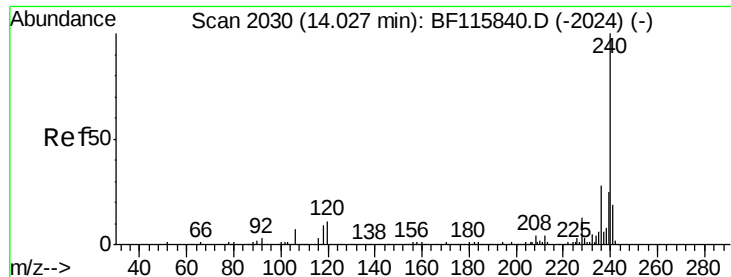
#67
 4-Bromophenyl-phenylether
 Concen: 3.587 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Tgt Ion:248 Resp: 22790
 Ion Ratio Lower Upper
 248 100
 250 207.5 77.8 116.6#
 141 501.9 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

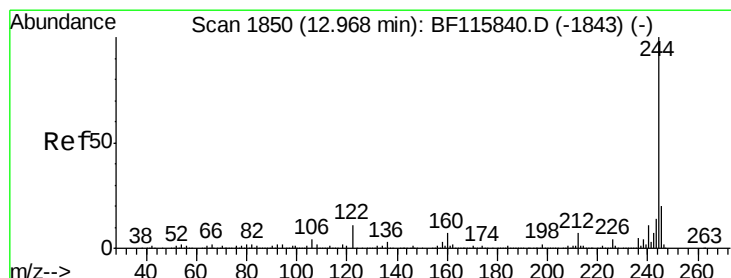
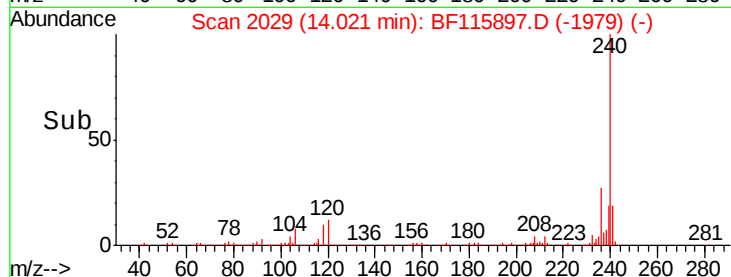
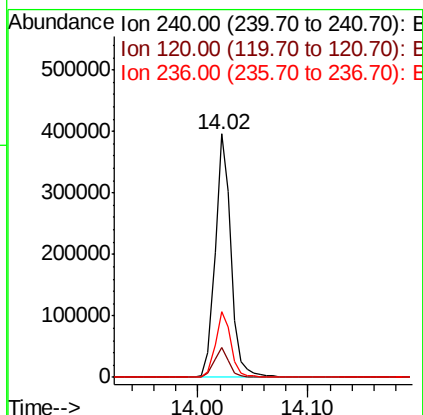
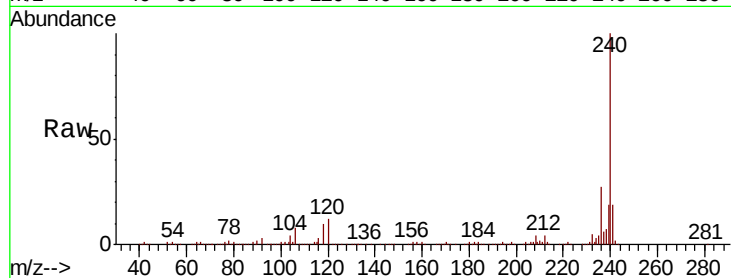




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

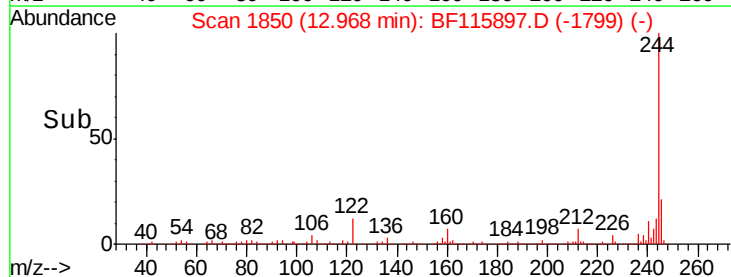
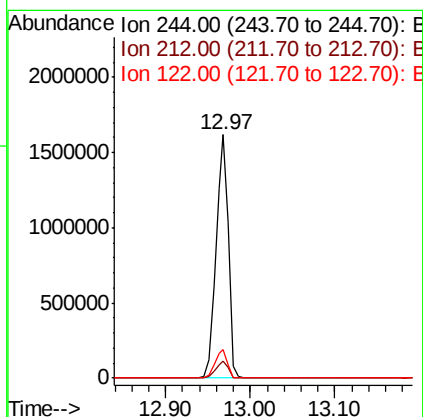
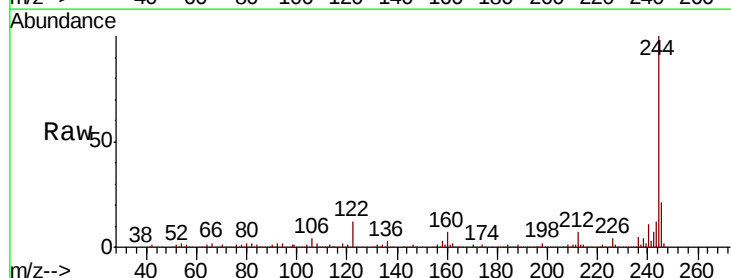
Instrument :
 BNA_F
 ClientSampleId :

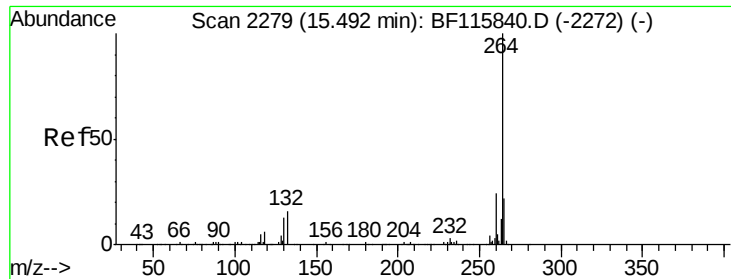
Tot Ion:240 Resp: 387101
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.5 12.7
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 91.802 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Tgt Ion:244 Resp: 1686466
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.6 8.6 13.0

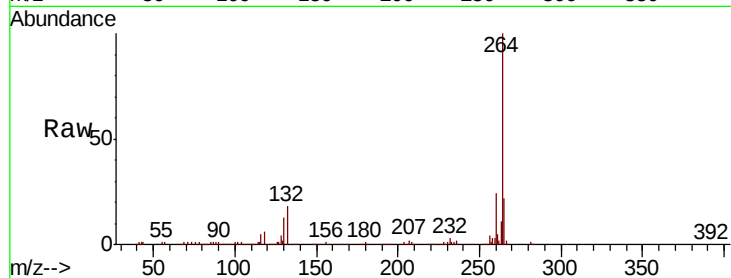




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF115897.D
 Acq: 1 Aug 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.5	26.3



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

