

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118365.D
 Acq On : 28 Dec 2019 15:05
 Operator : JU
 Sample : PB125755BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:02:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

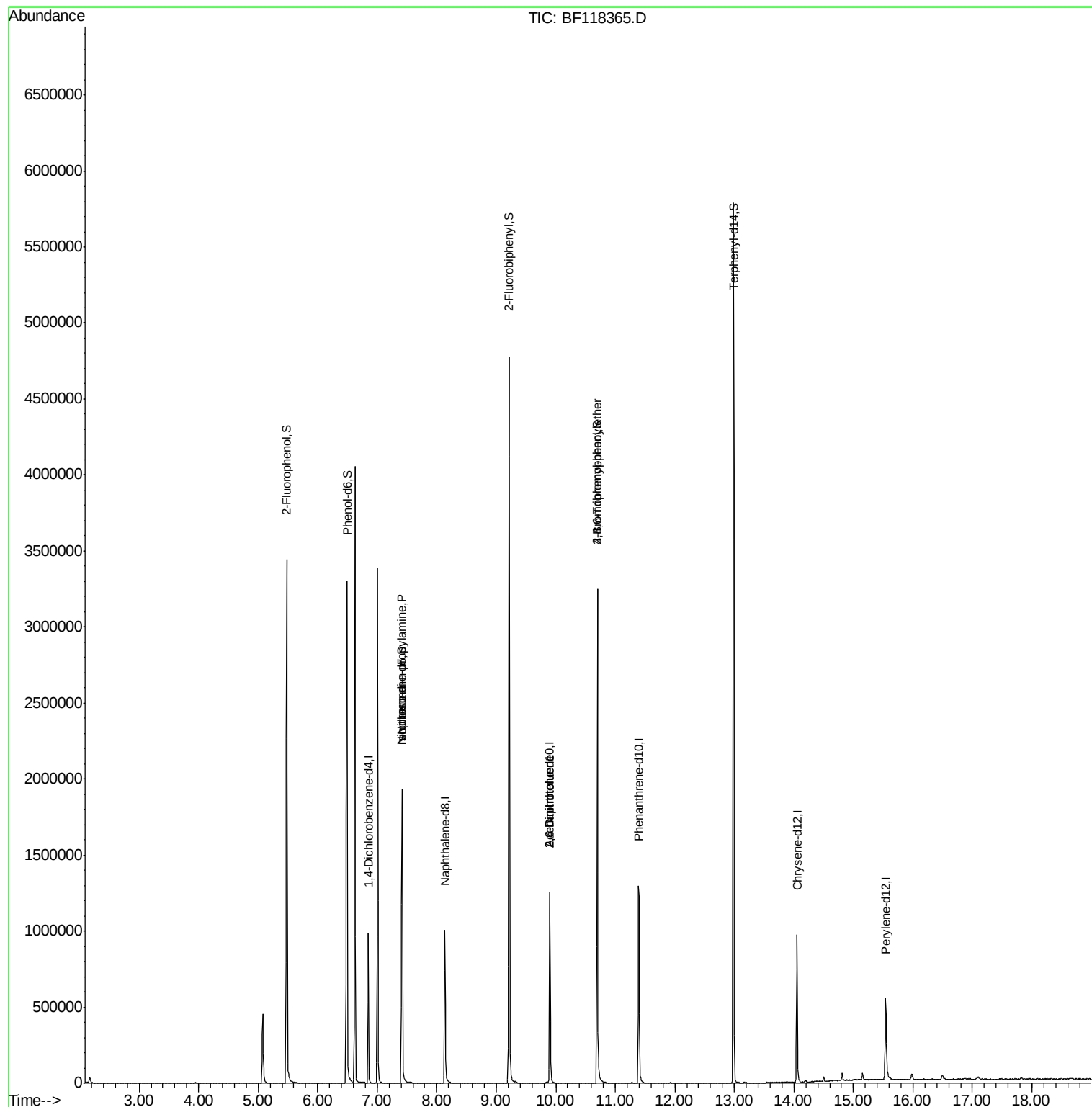
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141734	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	554673	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	303853	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	582929	20.00	ng	0.00
76) Chrysene-d12	14.05	240	364379	20.00	ng	0.00
87) Perylene-d12	15.54	264	304810	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1032486	124.35	ng	0.02
7) Phenol-d6	6.49	99	1292698	125.50	ng	0.00
23) Nitrobenzene-d5	7.42	82	772718	79.68	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	448311	119.47	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1664575	83.62	ng	0.00
79) Terphenyl-d14	12.99	244	2032428	92.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	102949	16.224	ng	# 79
25) Isophorone	7.42	82	764132	45.211	ng	# 62
51) 2,6-Dinitrotoluene	9.90	165	37888	7.705	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	37889	5.766	ng	# 30
67) 4-Bromophenyl-phenylether	10.70	248	27707	4.061	ng	# 1

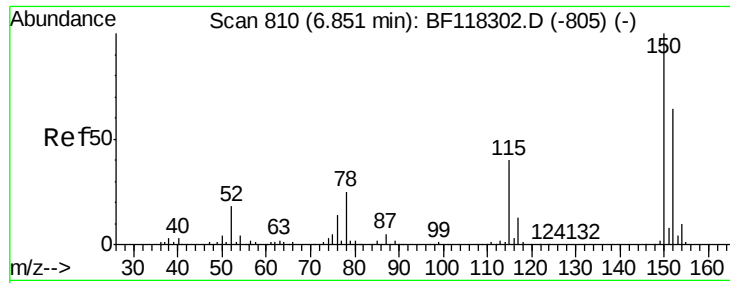
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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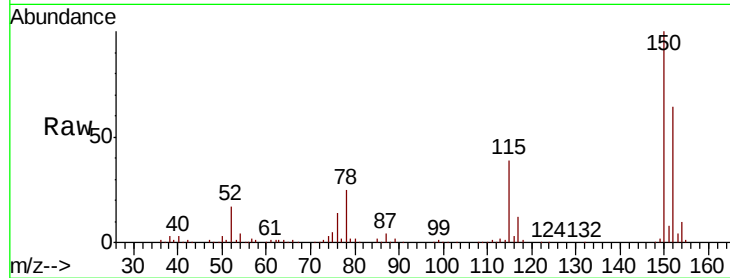


#1

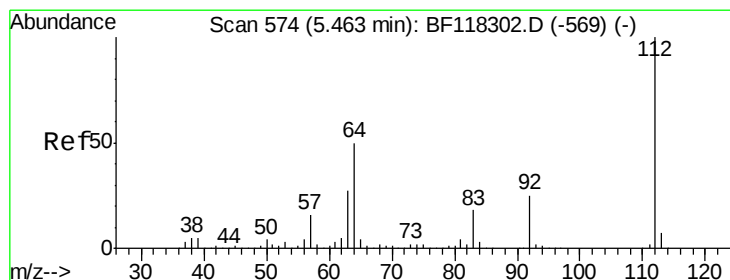
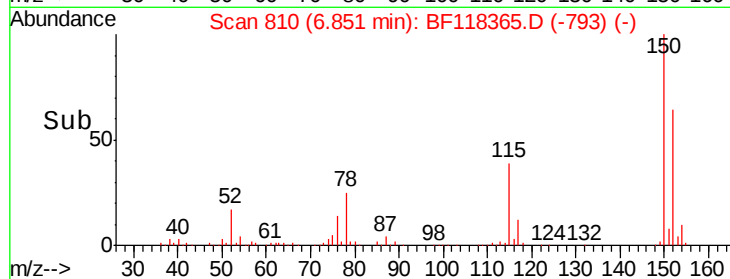
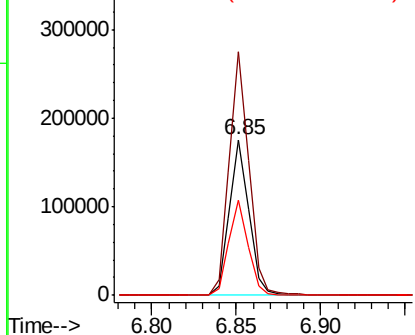
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141734
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.2
115 60.8 50.2 75.4



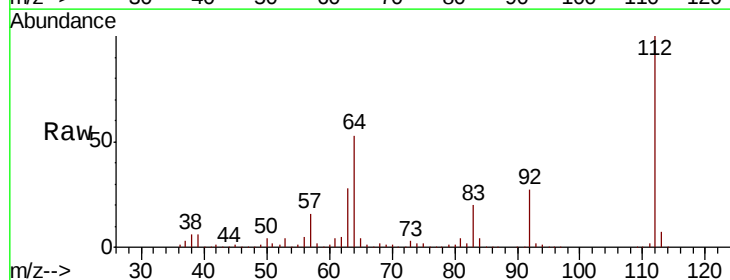
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



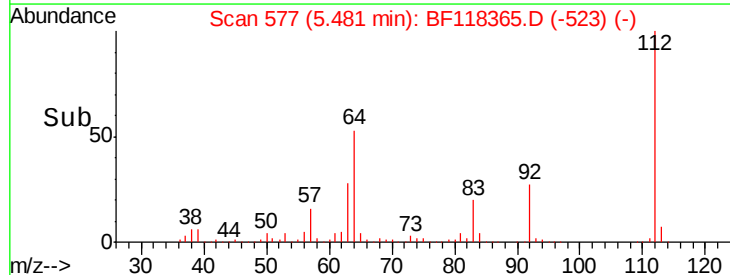
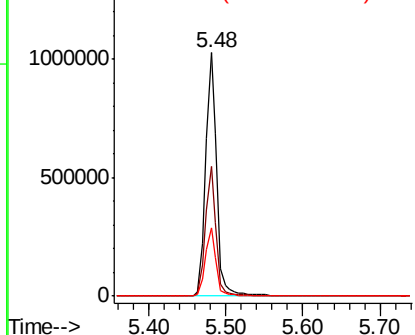
#5

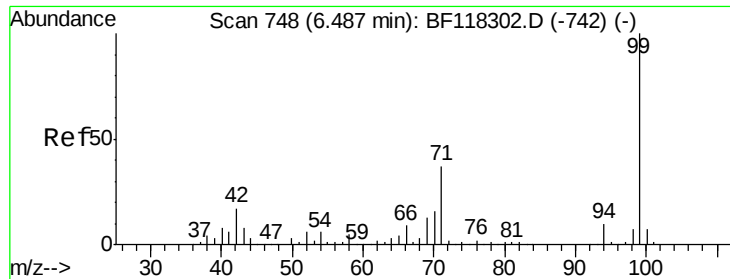
2-Fluorophenol
Concen: 124.349 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Tgt Ion:112 Resp: 1032486
Ion Ratio Lower Upper
112 100
64 53.2 39.7 59.5
63 27.9 21.7 32.5



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: 125.501 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

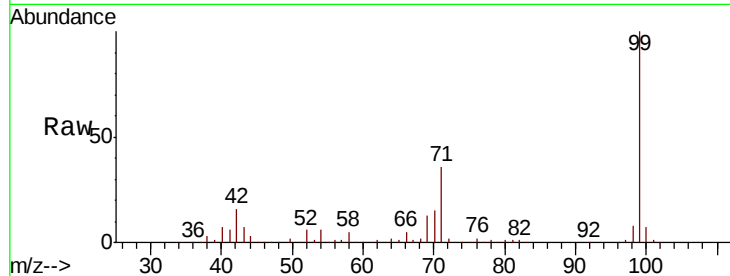
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1292698

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	35.6	29.4	44.2

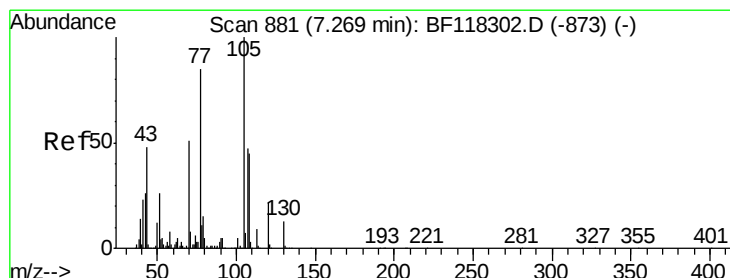
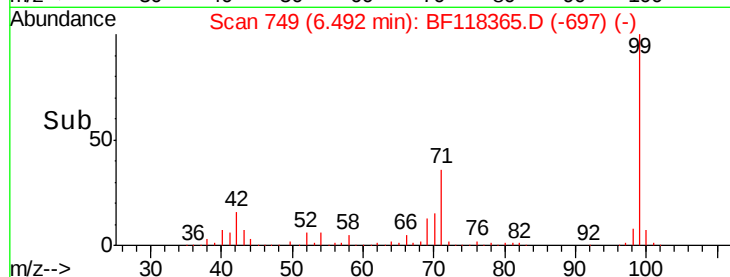
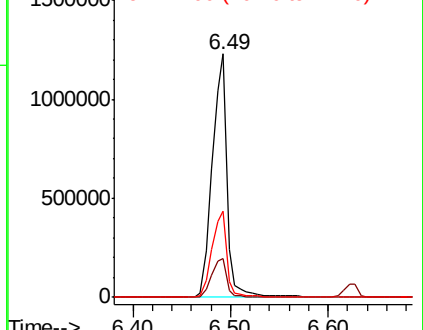


Abundance

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: 16.224 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Tgt Ion: 70 Resp: 102949

Ion	Ratio	Lower	Upper
70	100		
42	45.8	41.1	61.7
101	0.0	8.3	12.5#
130	2.3	20.1	30.1#

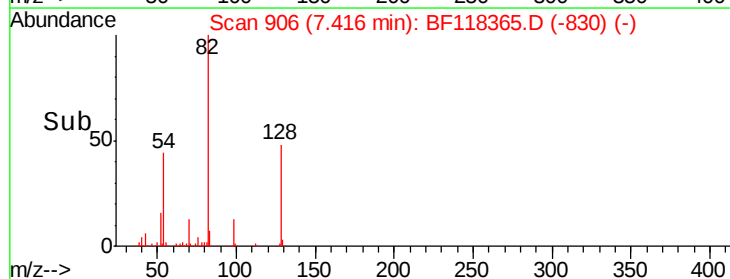
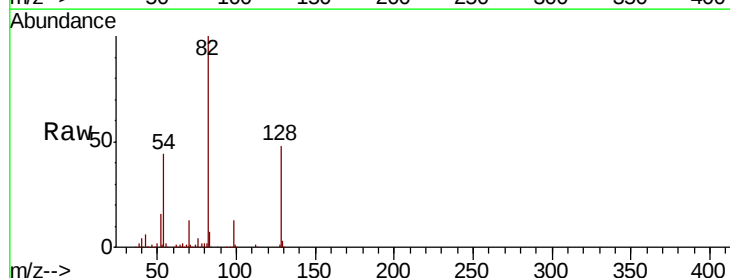
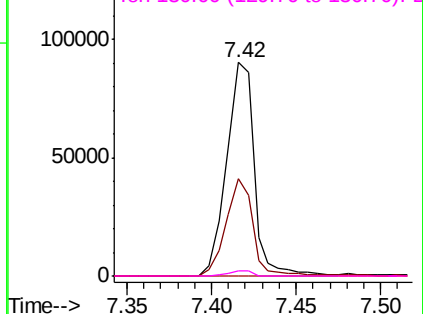
Abundance

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

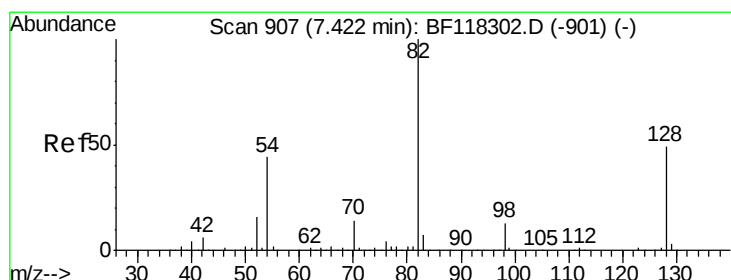
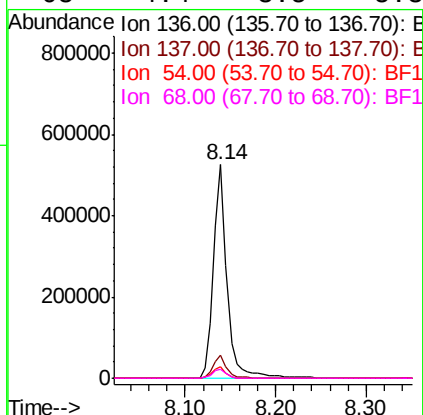
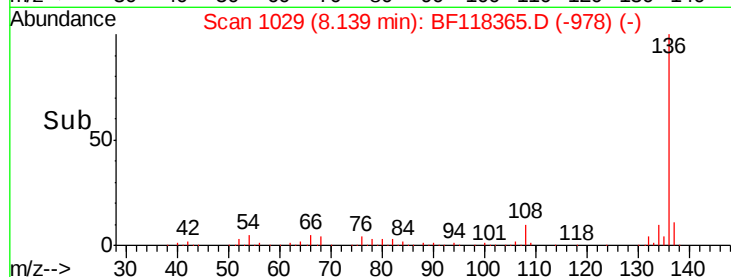
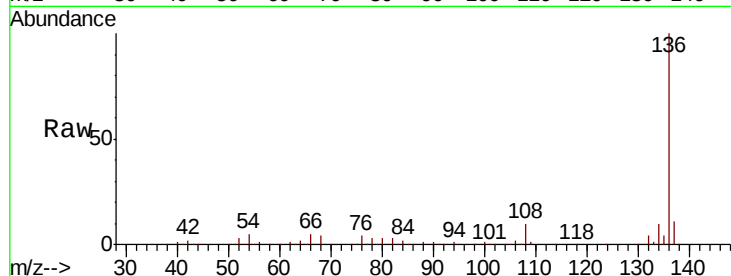




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

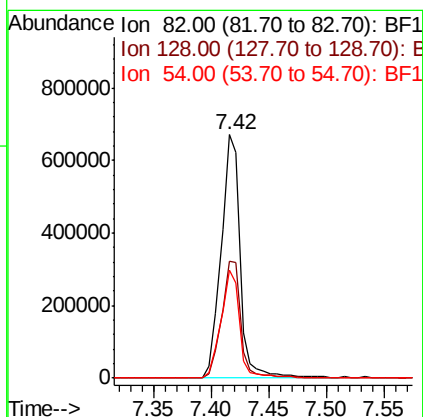
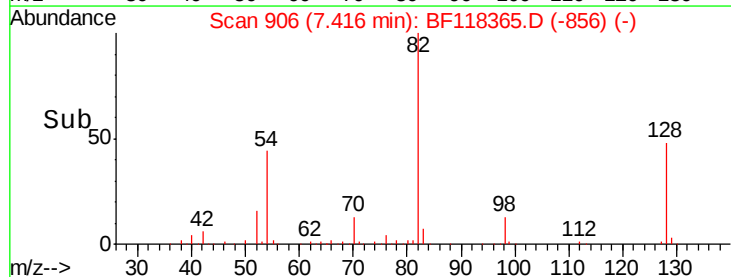
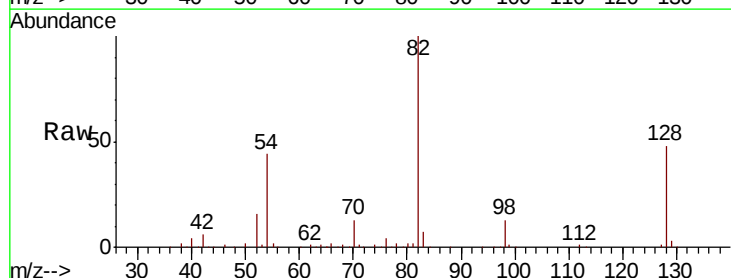
Instrument :
BNA_F
ClientSampleId :

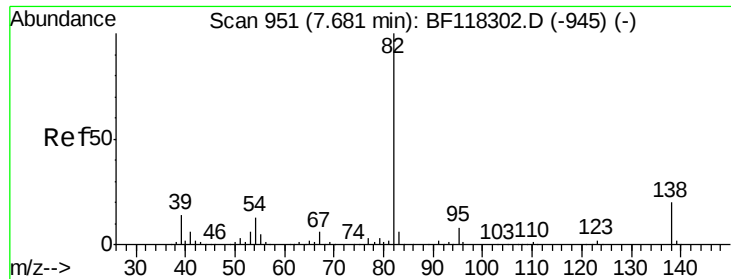
Tot Ion:136	Resp:	554673
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	5.1	4.2 6.4
68	4.4	3.5 5.3



#23
Nitrobenzene-d5
Concen: 79.679 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Tgt Ion: 82	Resp:	772718
Ion Ratio	Lower	Upper
82	100	
128	48.1	39.6 59.4
54	44.5	34.9 52.3





#25

Isophorone

Concen: 45.211 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Instrument :

BNA_F

ClientSampleId :

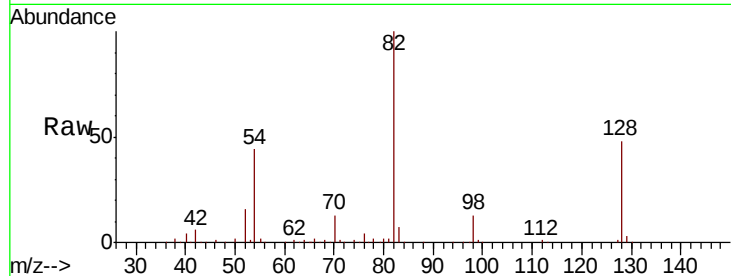
Tot Ion: 82 Resp: 764132

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

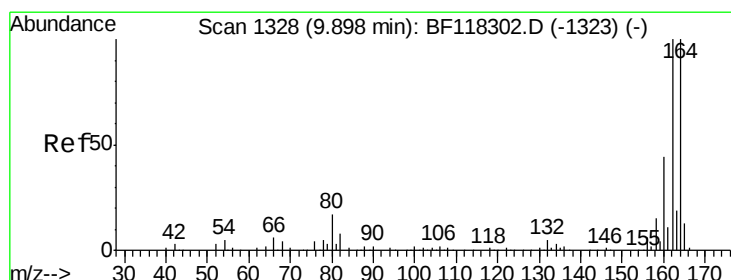
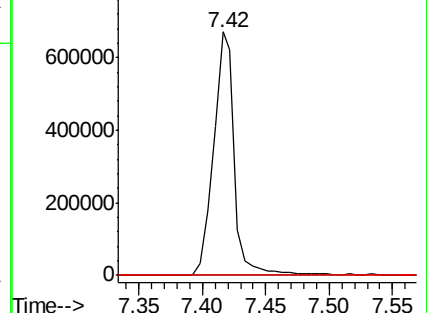
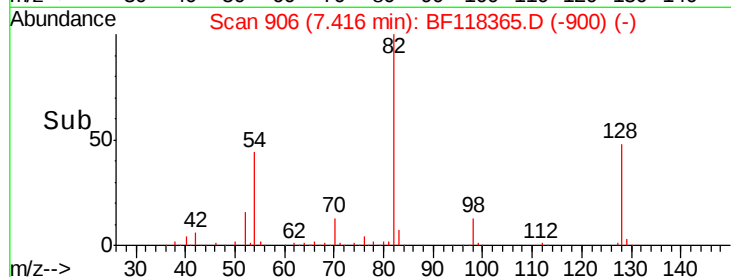
138 0.0 16.2 24.2#



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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

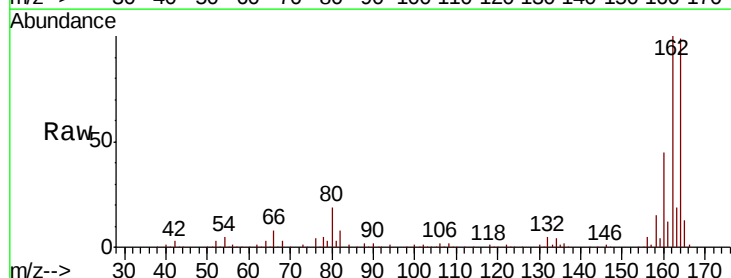
Tgt Ion: 164 Resp: 303853

Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

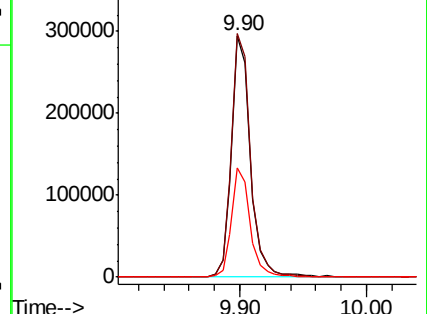
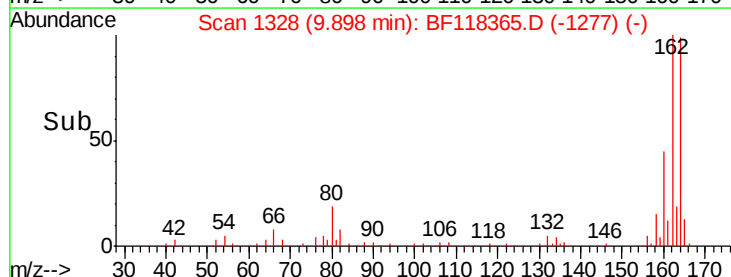
160 45.0 34.8 52.2

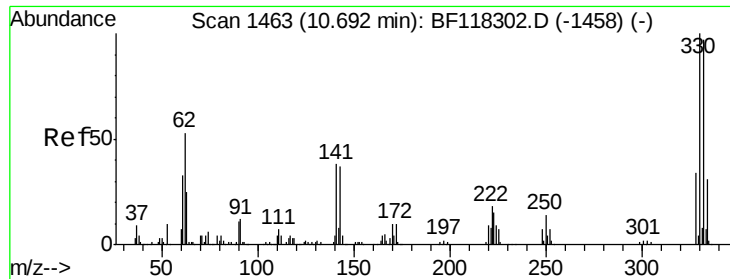


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

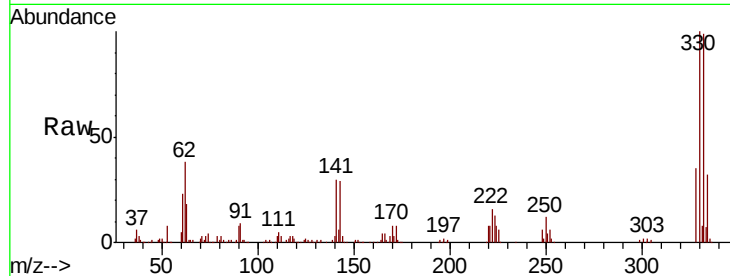




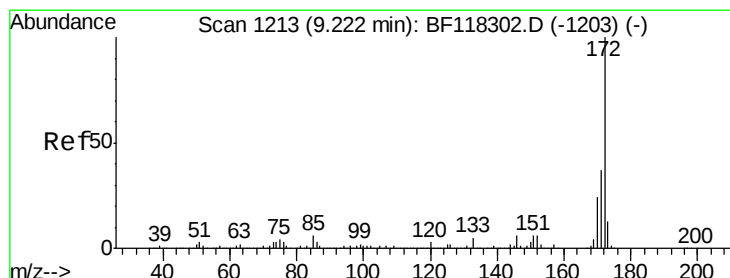
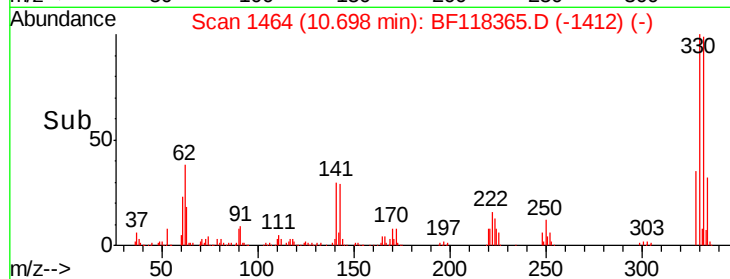
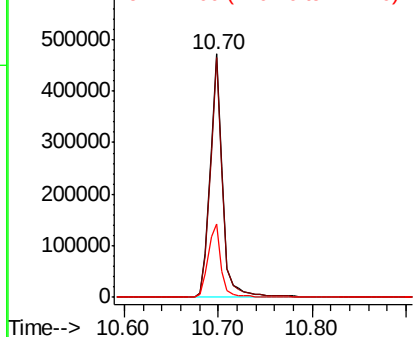
#42
 2,4,6-Tribromophenol
 Concen: 119.474 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118365.D
 Acq: 28 Dec 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 448311
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 31.9 26.0 39.0

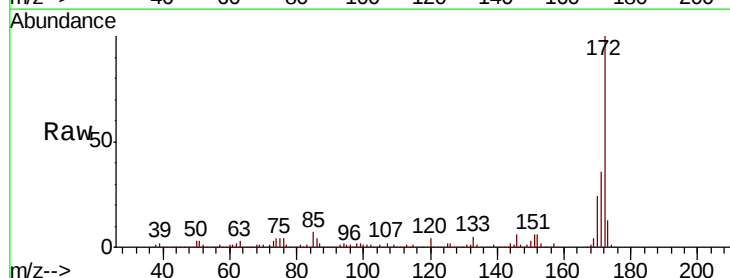


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

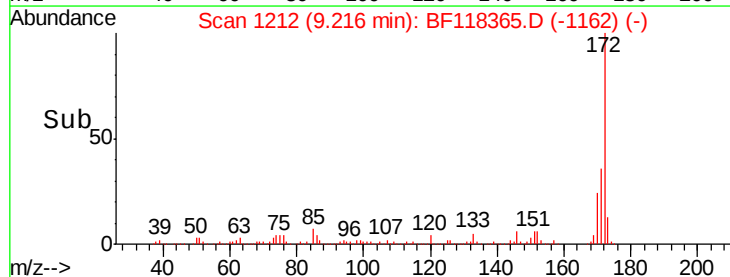
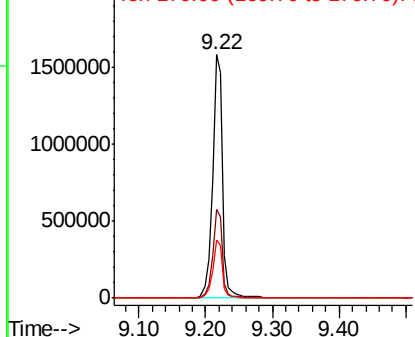


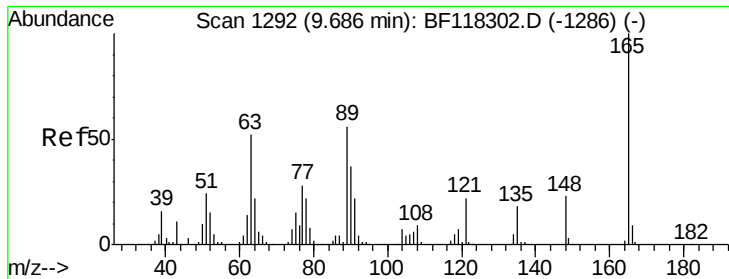
#45
 2-Fluorobiphenyl
 Concen: 83.623 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118365.D
 Acq: 28 Dec 2019 15:05

Tgt Ion:172 Resp: 1664575
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 23.9 19.2 28.8



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: 7.705 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Instrument :

BNA_F

ClientSampleId :

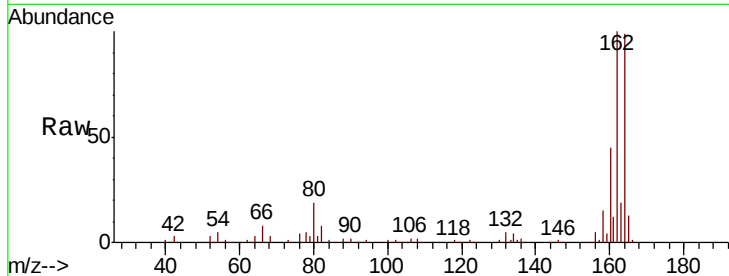
Tot Ion:165 Resp: 37888

Ion Ratio Lower Upper

165 100

63 1.6 42.2 63.4#

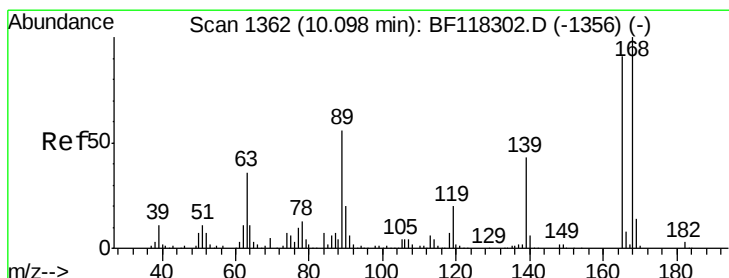
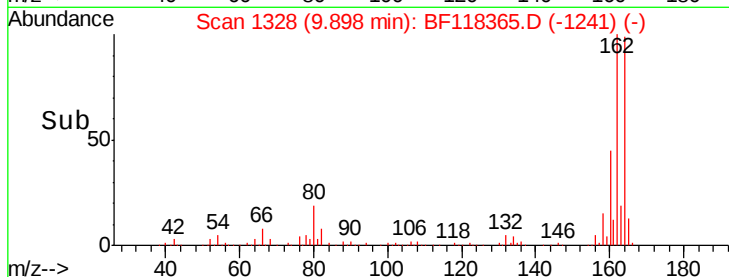
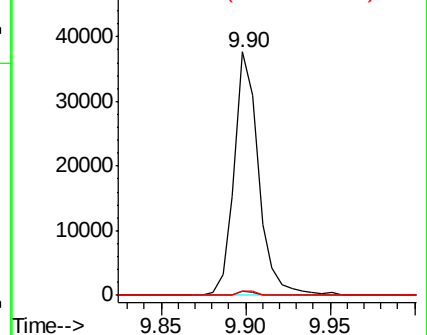
89 1.7 44.4 66.6#



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: 5.766 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Tgt Ion:165 Resp: 37889

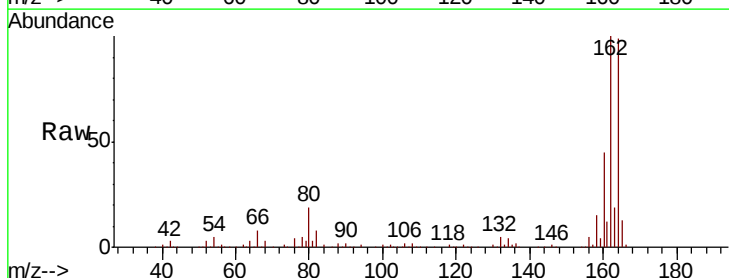
Ion Ratio Lower Upper

165 100

63 1.6 32.0 48.0#

89 1.7 49.3 73.9#

182 0.0 2.4 3.6#

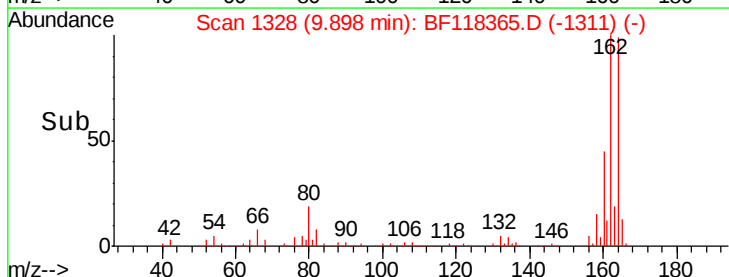
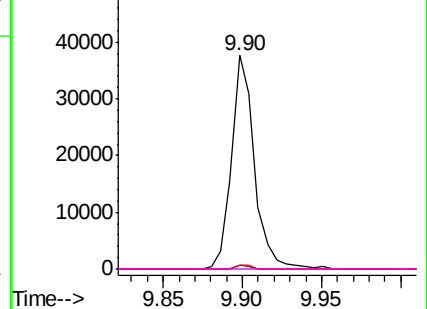


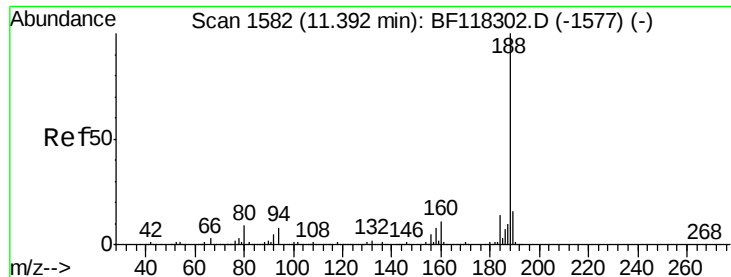
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

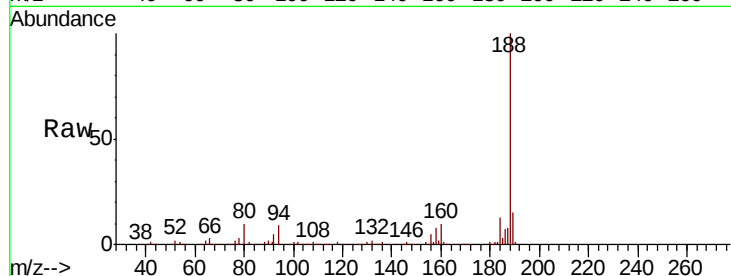




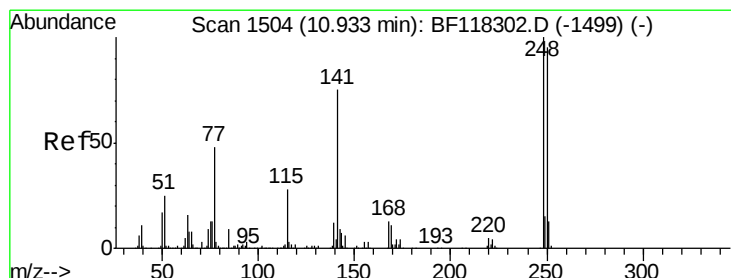
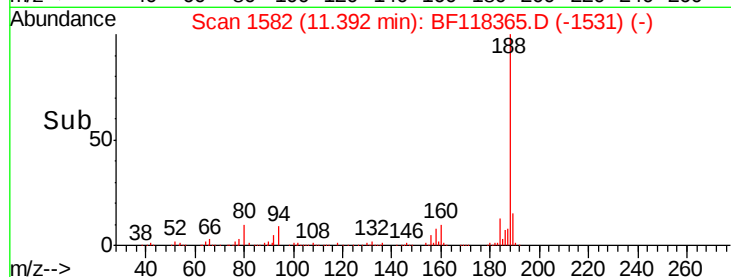
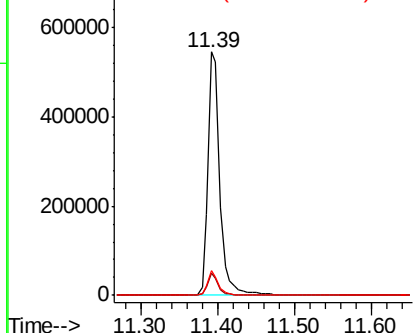
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 582929
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.1 7.2 10.8

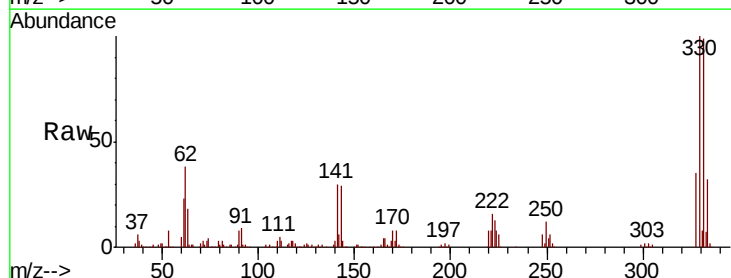


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

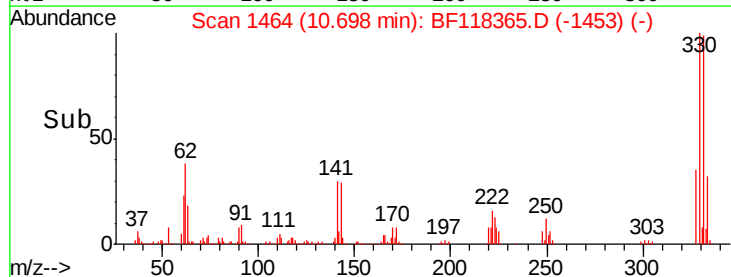
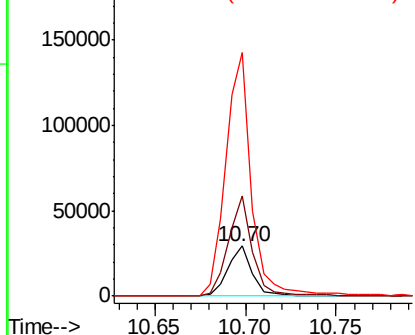


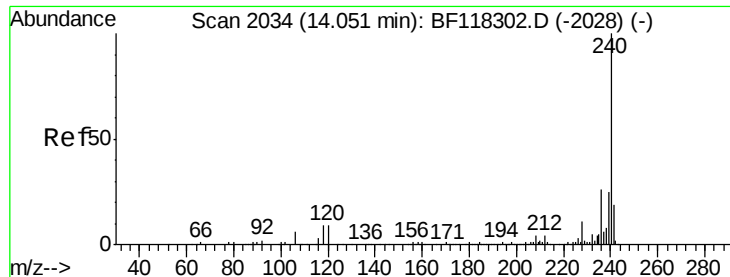
#67
4-Bromophenyl-phenylether
Concen: 4.061 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Tgt Ion:248 Resp: 27707
Ion Ratio Lower Upper
248 100
250 199.3 76.4 114.6#
141 485.2 60.2 90.2#



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

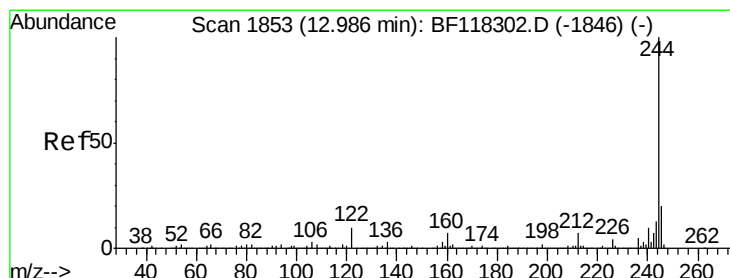
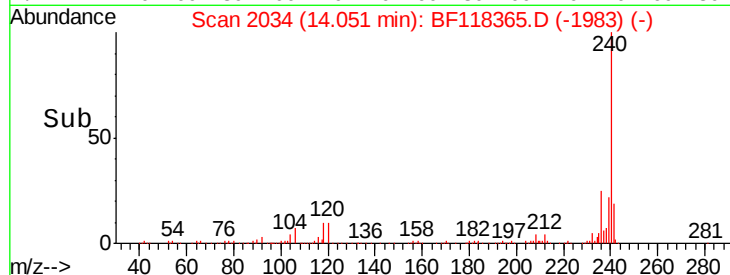
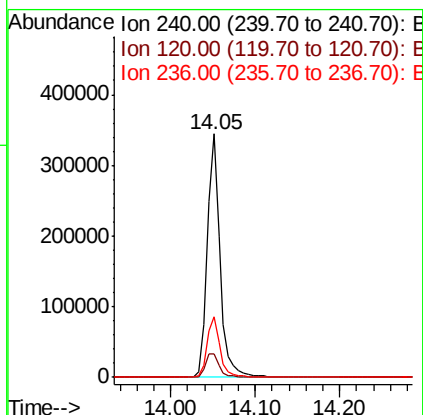
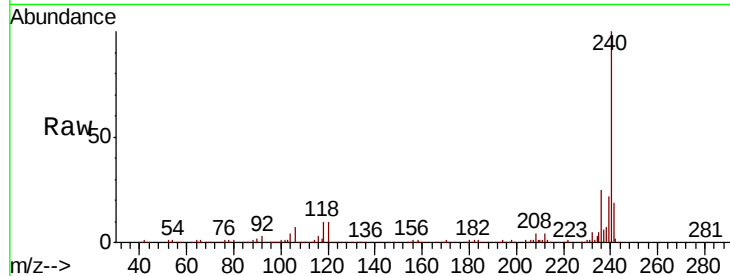




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118365.D
 Acq: 28 Dec 2019 15:05

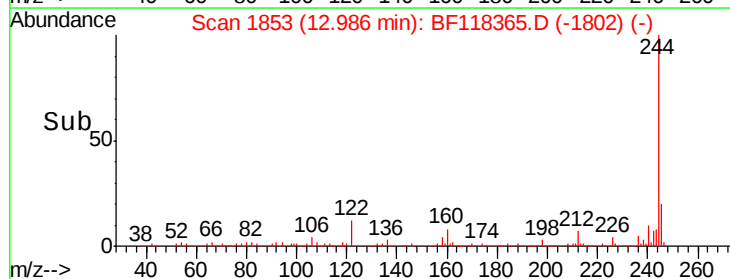
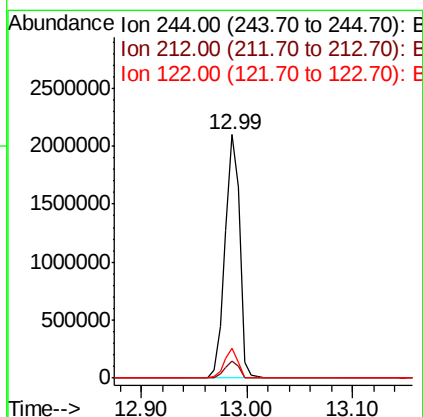
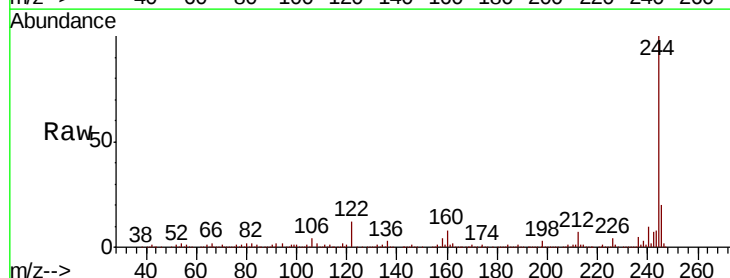
Instrument :
 BNA_F
 ClientSampleId :

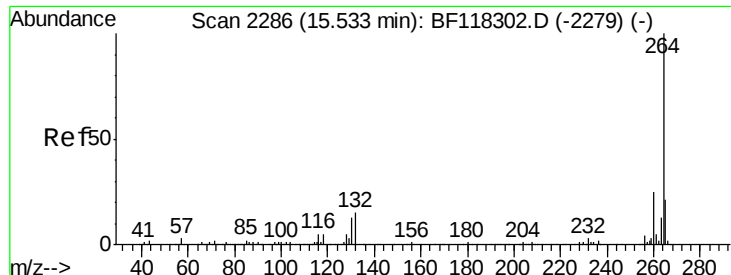
Tot Ion:240 Resp: 364379
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.1 10.7
 236 25.1 21.0 31.6



#79
 Terphenyl-d14
 Concen: 92.537 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF118365.D
 Acq: 28 Dec 2019 15:05

Tgt Ion:244 Resp: 2032428
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 12.1 7.8 11.8#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF118365.D
 Acq: 28 Dec 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.8	29.6
265	21.4	17.0	25.4

