

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114389.D
 Acq On : 18 May 2019 14:25
 Operator : JU/SJ
 Sample : PB119788TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:09:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

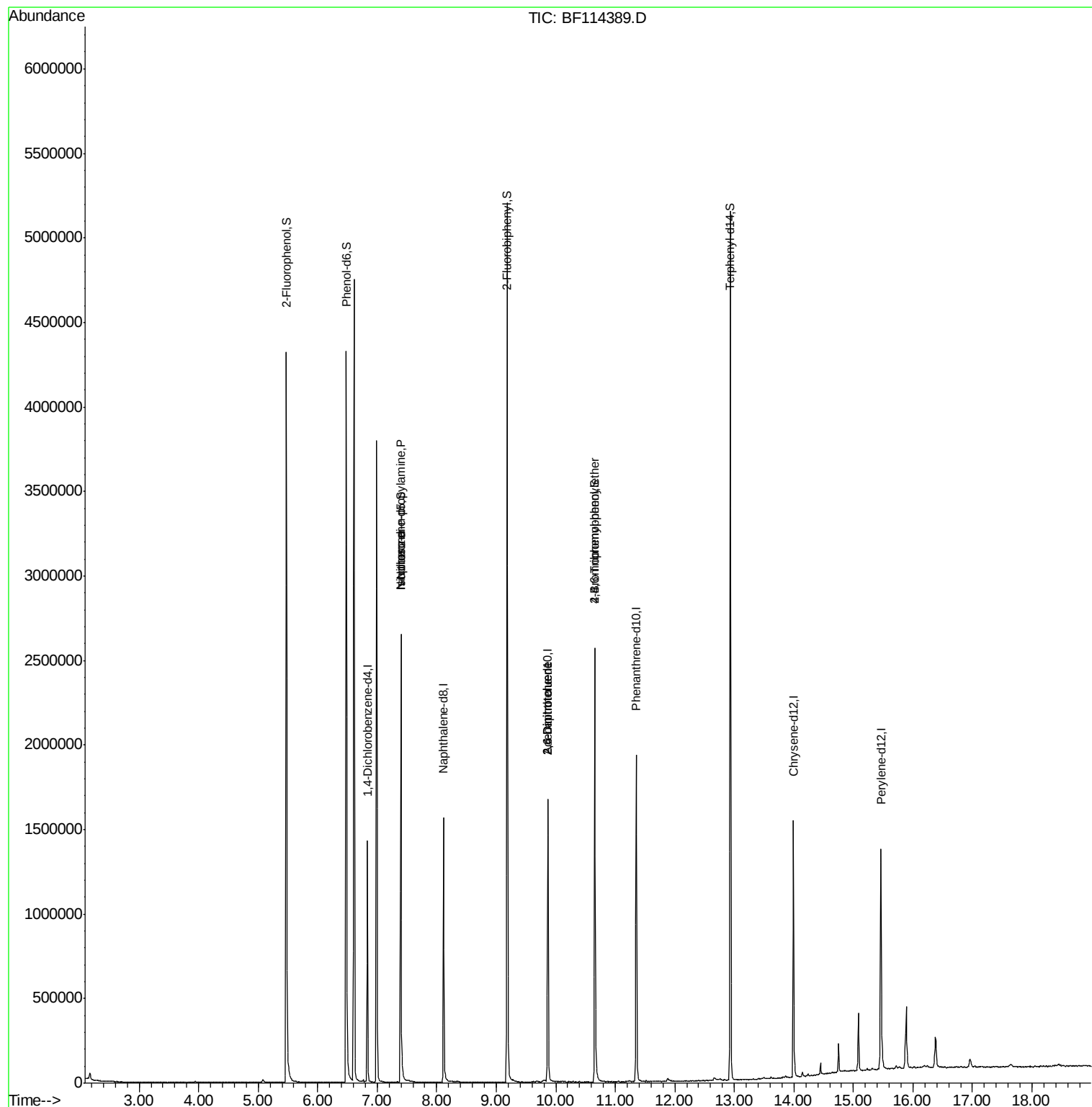
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	207355	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	798079	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	378639	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	777396	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	539789	20.00	ng	-0.03
87) Perylene-d12	15.46	264	501057	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1213740	94.20	ng	0.00
7) Phenol-d6	6.48	99	1565050	102.70	ng	-0.01
23) Nitrobenzene-d5	7.40	82	956401	67.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	329960	84.29	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1758530	70.25	ng	-0.02
79) Terphenyl-d14	12.93	244	1842281	70.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	125804	13.024	ng	# 74
25) Isophorone	7.40	82	956390	36.262	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	48383	7.848	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	48383	5.782	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	21618	2.526	ng	# 1

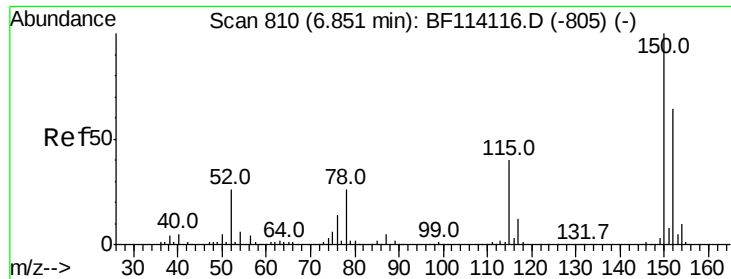
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: May 20 04:09:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



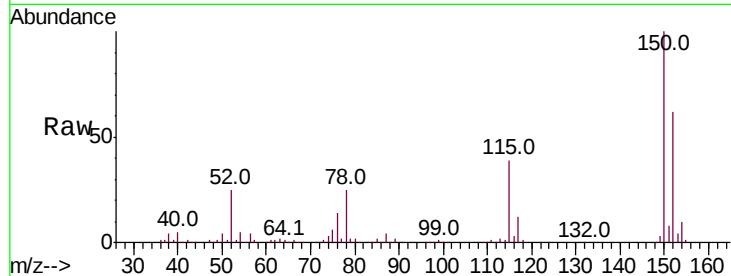


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114389.D
Acq: 18 May 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.3	186.5
115	62.3	49.1	73.7

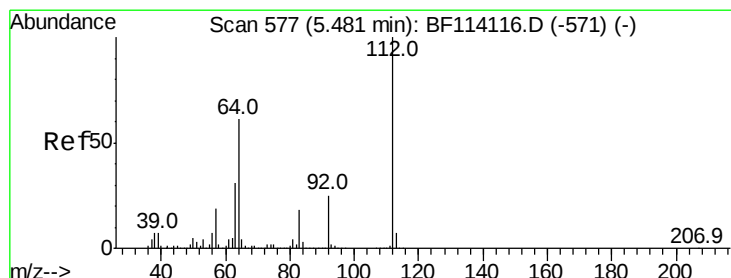
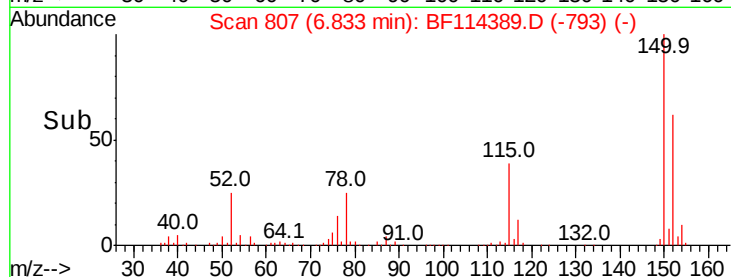
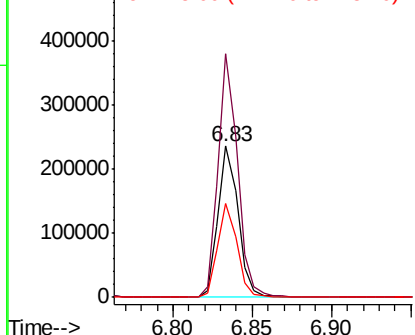


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

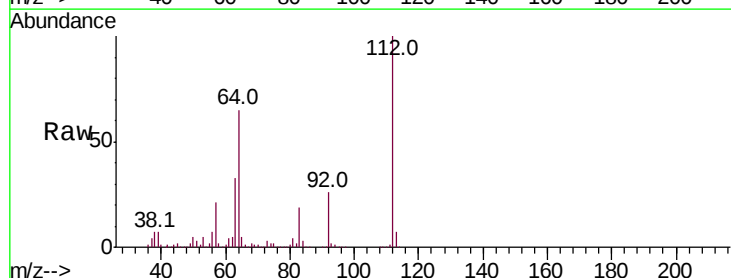
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.197 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114389.D
Acq: 18 May 2019 14:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	49.0	73.6
63	32.7	24.6	37.0

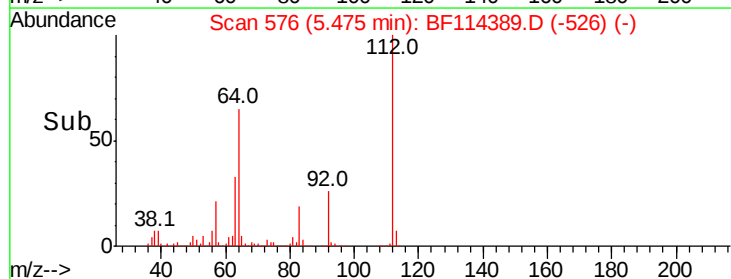
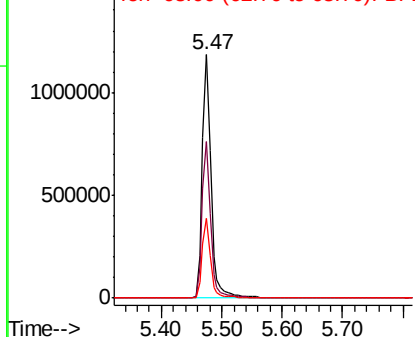


Abundance

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: 102.696 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114389.D

Acq: 18 May 2019 14:25

Instrument :

BNA_F

ClientSampleId :

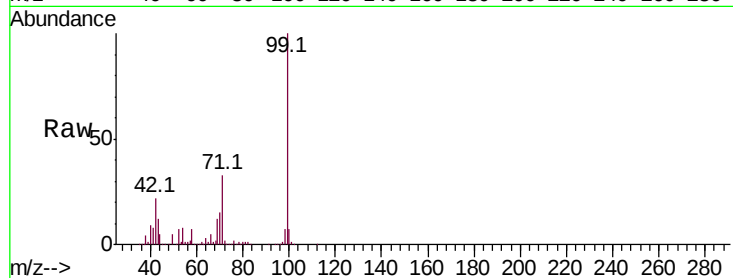
Tot Ion: 99 Resp: 1565050

Ion Ratio Lower Upper

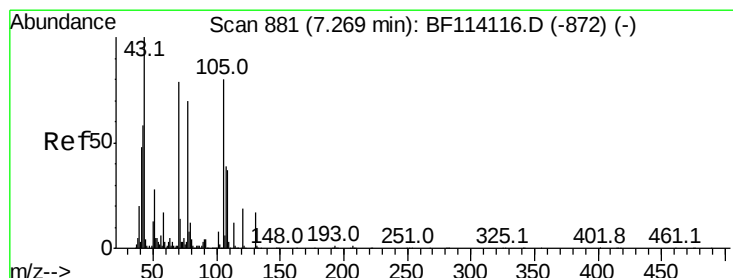
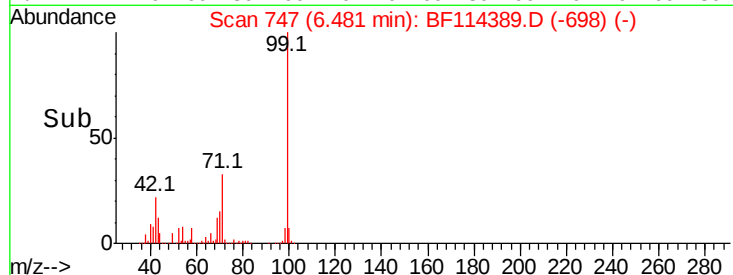
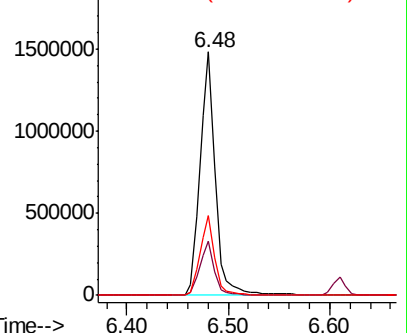
99 100

42 22.1 17.9 26.9

71 32.6 26.2 39.2



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: 13.024 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114389.D

Acq: 18 May 2019 14:25

Tgt Ion: 70 Resp: 125804

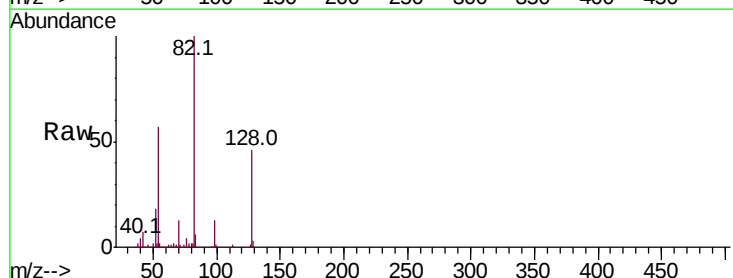
Ion Ratio Lower Upper

70 100

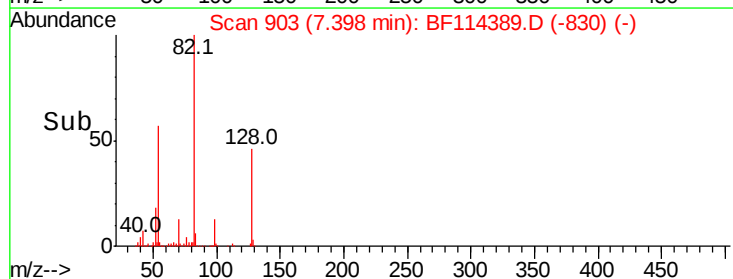
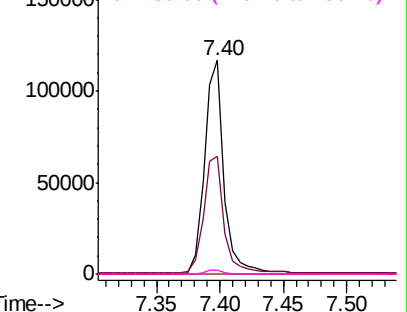
42 54.9 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#



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

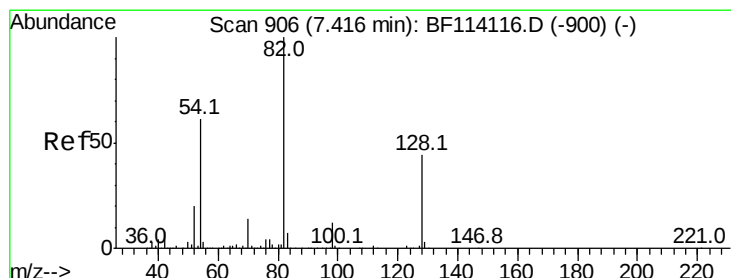
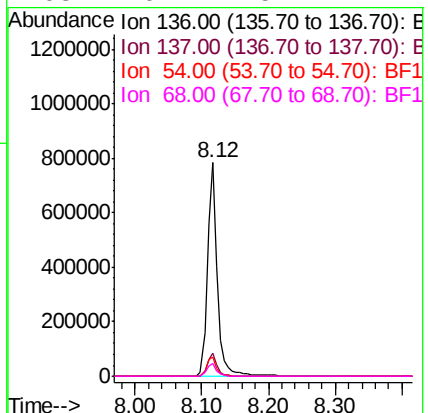
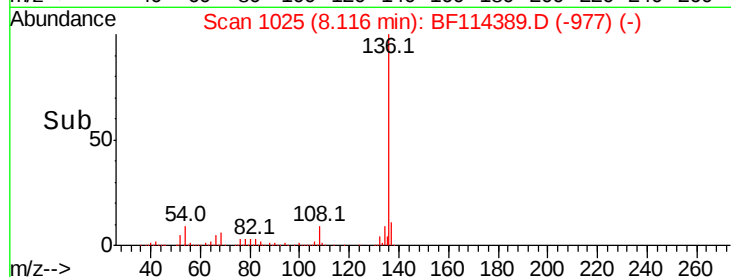
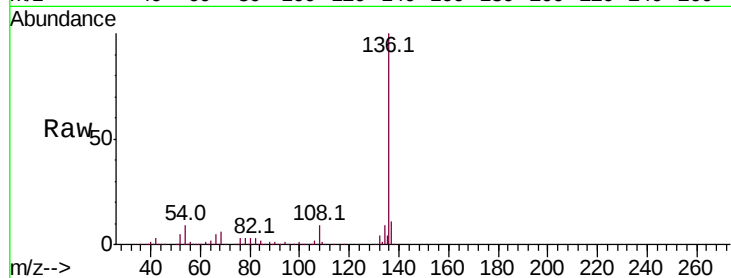




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114389.D
Acq: 18 May 2019 14:25

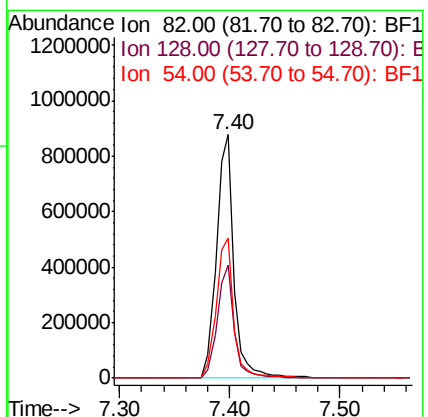
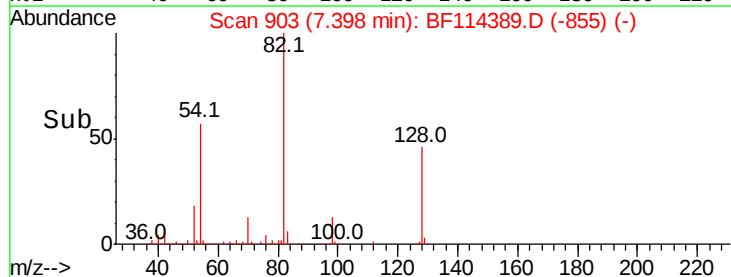
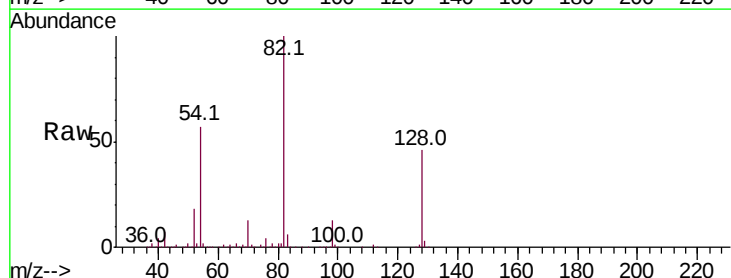
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	798079
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	9.1	7.8 11.8
68	6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 67.253 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114389.D
Acq: 18 May 2019 14:25

Tgt Ion: 82	Resp:	956401
Ion	Ratio	Lower Upper
82	100	
128	46.4	35.5 53.3
54	57.2	48.5 72.7





#25

Isophorone

Concen: 36.262 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114389.D

Acq: 18 May 2019 14:25

Instrument :

BNA_F

ClientSampled :

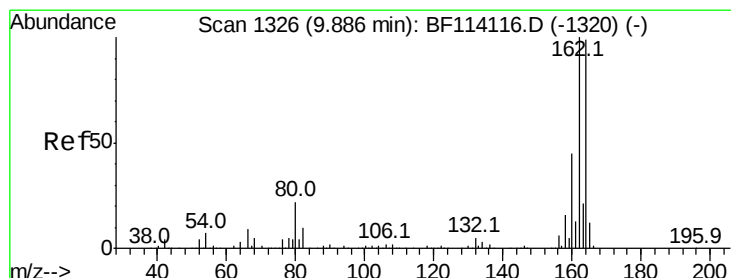
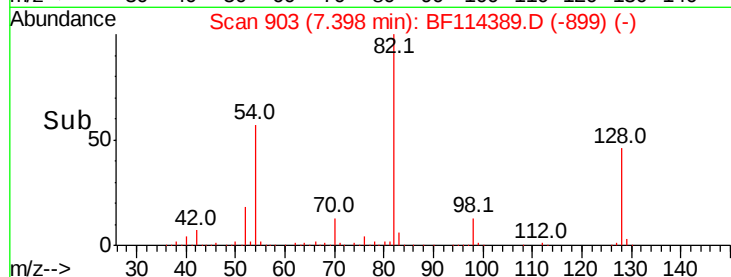
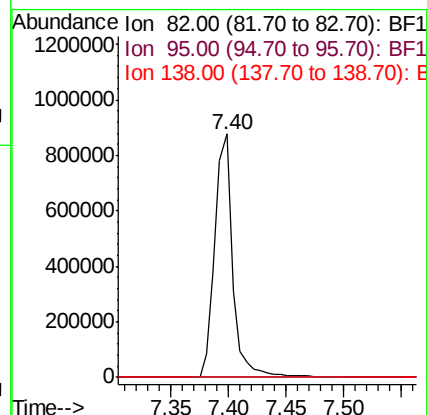
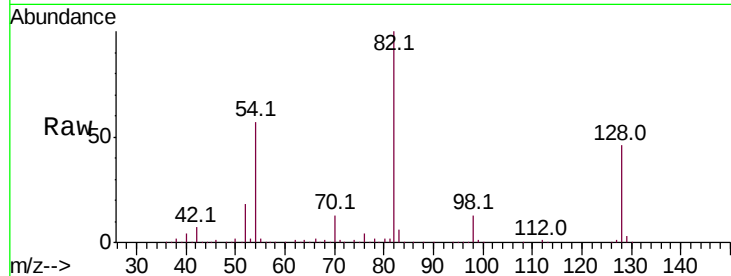
Tot Ion: 82 Resp: 956390

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114389.D

Acq: 18 May 2019 14:25

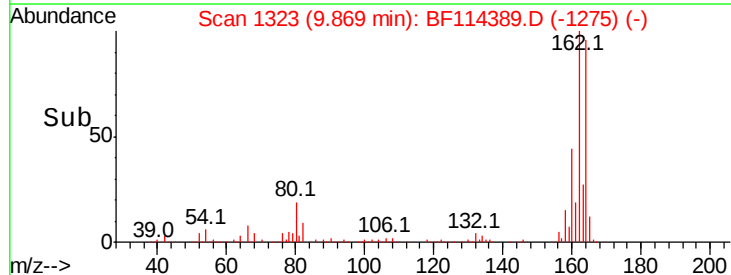
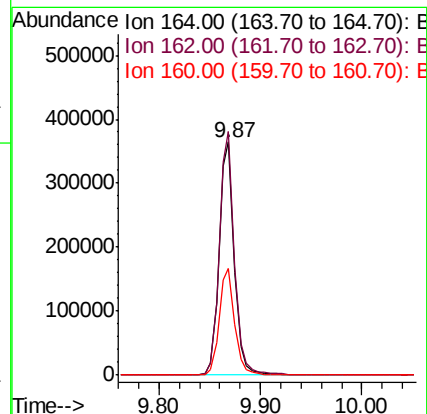
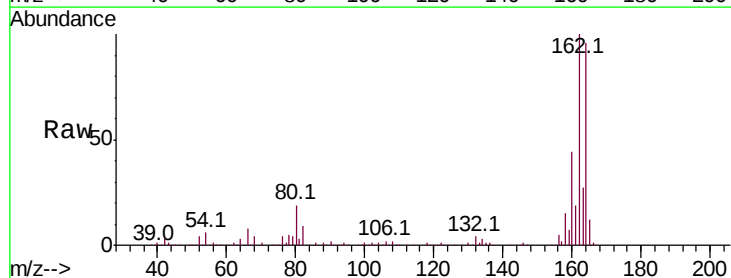
Tgt Ion:164 Resp: 378639

Ion Ratio Lower Upper

164 100

162 104.6 80.6 120.8

160 45.7 36.5 54.7

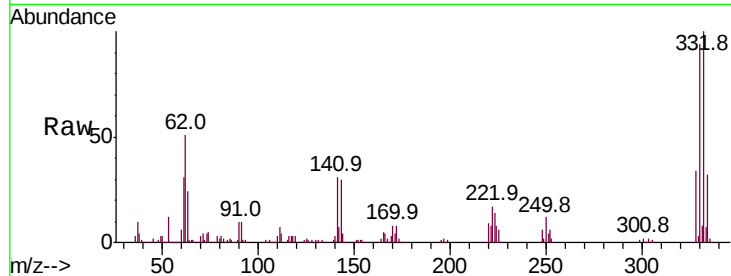




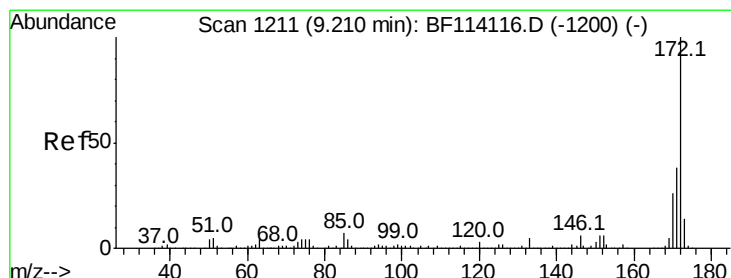
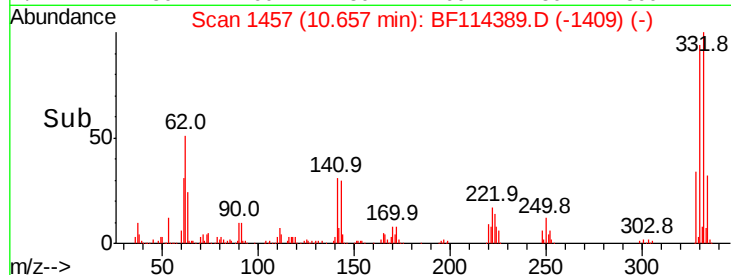
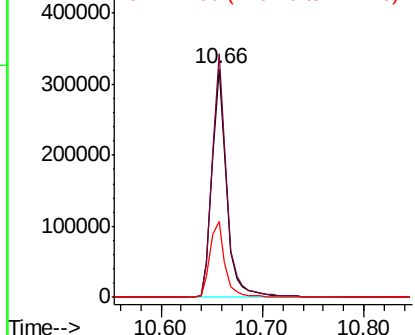
#42
2,4,6-Tribromophenol
Concen: 84.292 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF114389.D
Acq: 18 May 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 329960
Ion Ratio Lower Upper
330 100
332 104.4 81.4 122.2
141 33.8 26.6 40.0

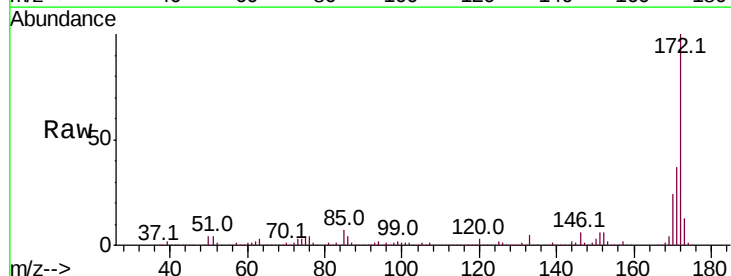


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

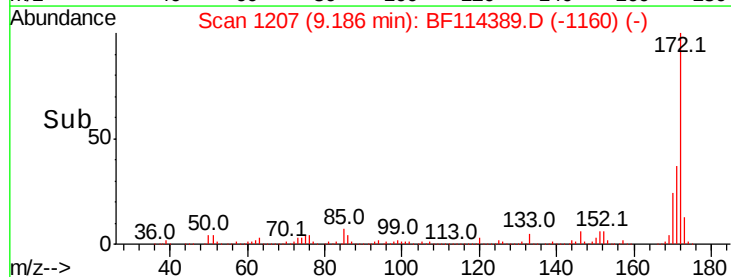
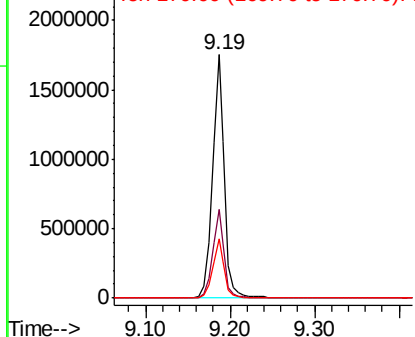


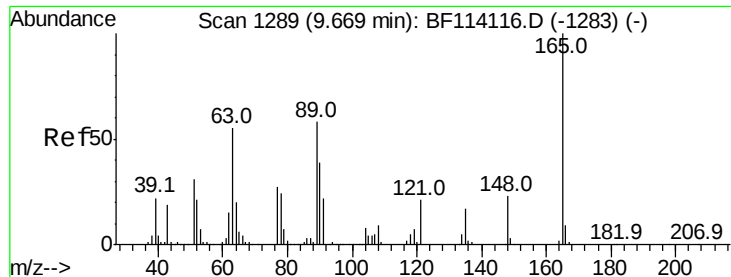
#45
2-Fluorobiphenyl
Concen: 70.253 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF114389.D
Acq: 18 May 2019 14:25

Tgt Ion:172 Resp: 1758530
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.1 20.5 30.7



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

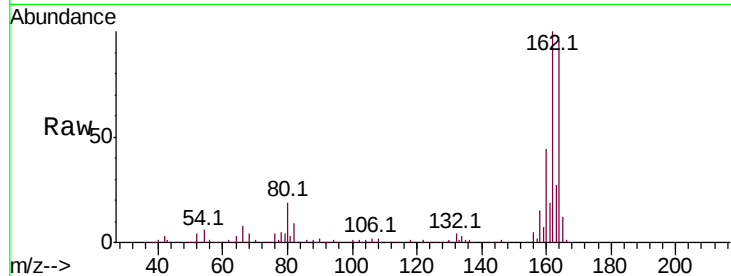




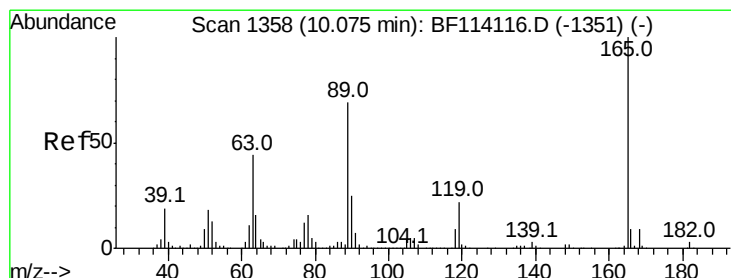
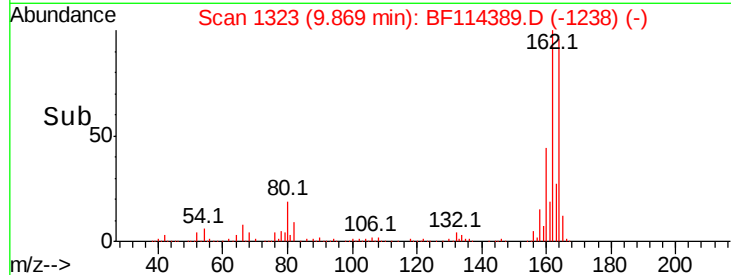
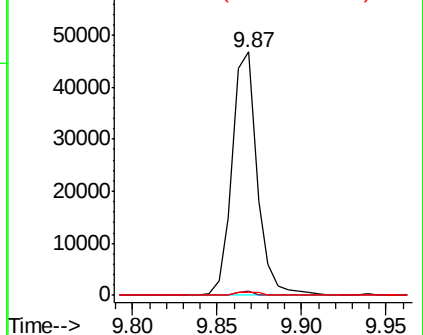
#51
 2,6-Dinitrotoluene
 Concen: 7.848 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF114389.D
 Acq: 18 May 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.2	75.4#
89	1.2	46.6	69.8#

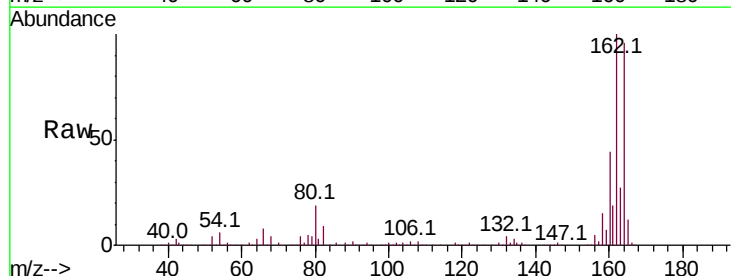


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

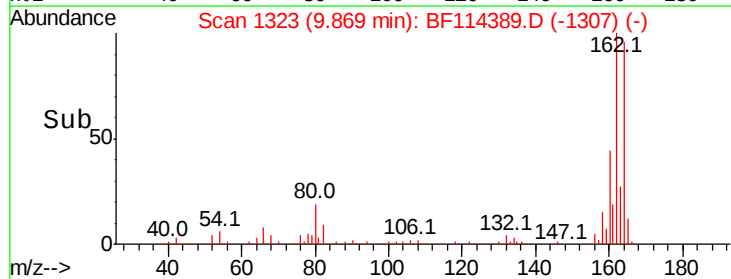
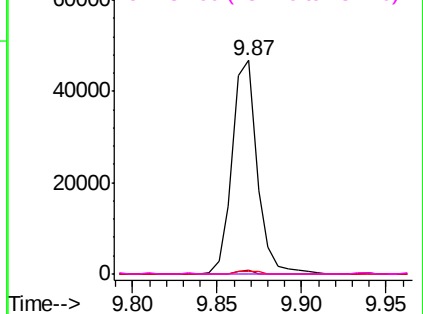


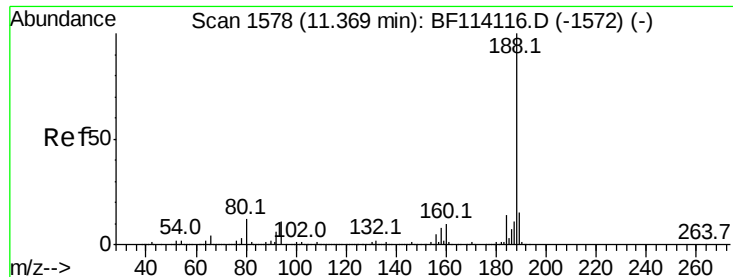
#57
 2,4-Dinitrotoluene
 Concen: 5.782 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114389.D
 Acq: 18 May 2019 14:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	35.5	53.3#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#



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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114389.D

Acq: 18 May 2019 14:25

Instrument :

BNA_F

ClientSampleId :

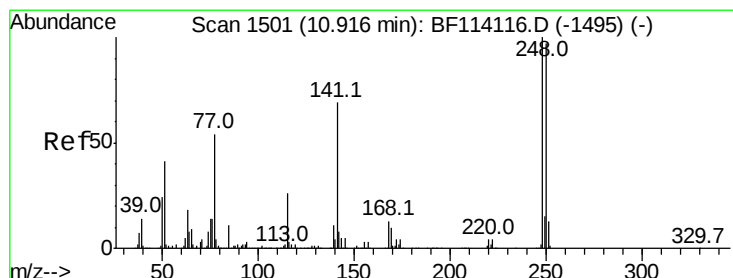
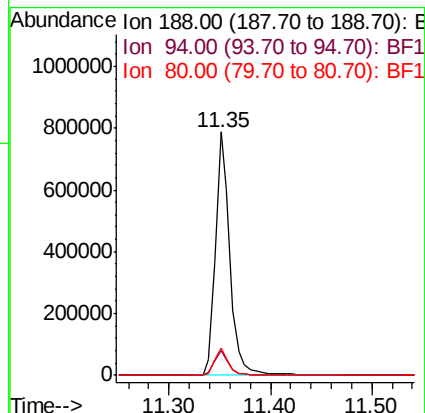
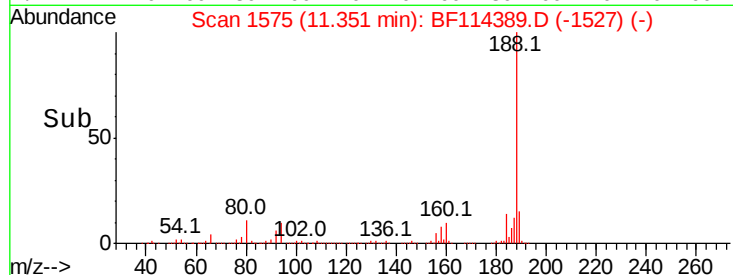
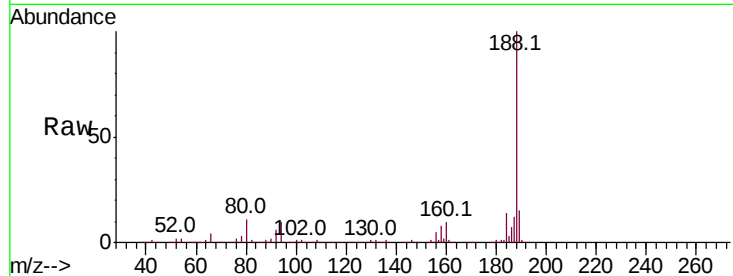
Tot Ion:188 Resp: 777396

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

80 11.4 9.2 13.8



#67

4-Bromophenyl-phenylether

Concen: 2.526 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.26 min

Lab File: BF114389.D

Acq: 18 May 2019 14:25

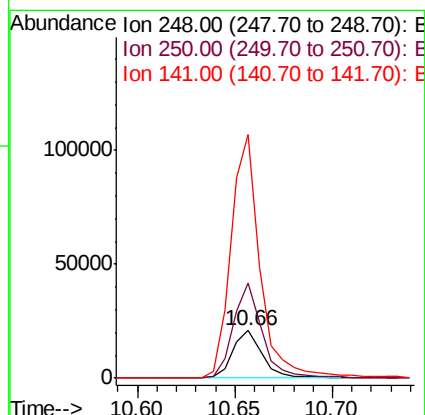
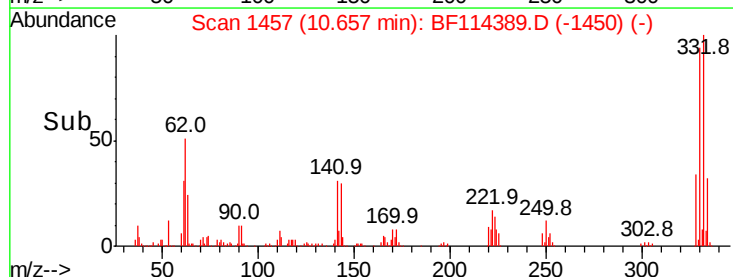
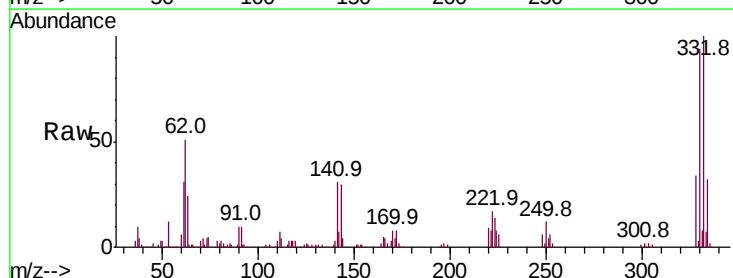
Tgt Ion:248 Resp: 21618

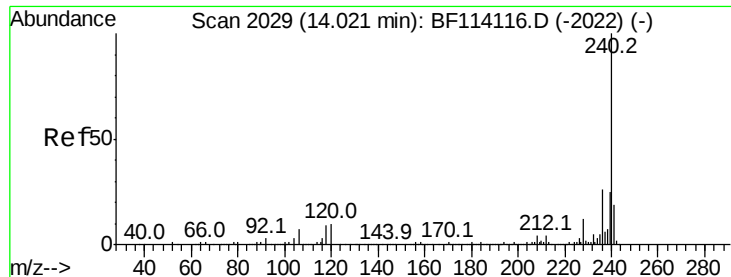
Ion Ratio Lower Upper

248 100

250 201.6 77.4 116.2#

141 512.5 55.6 83.4#

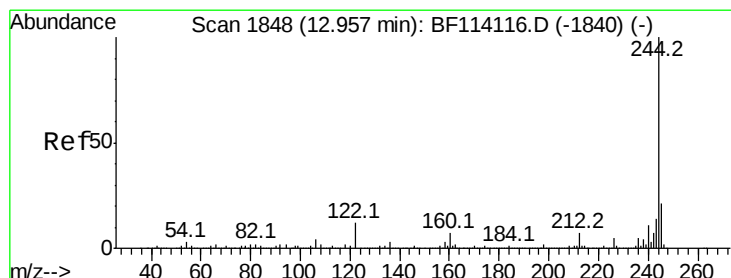
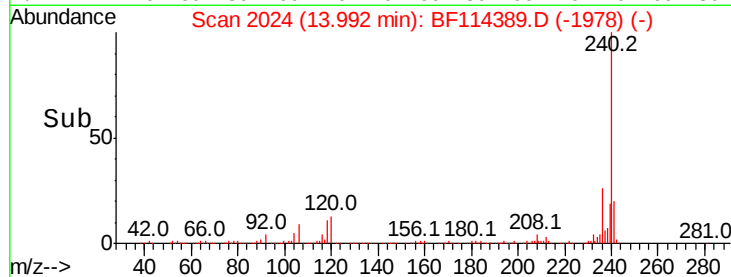
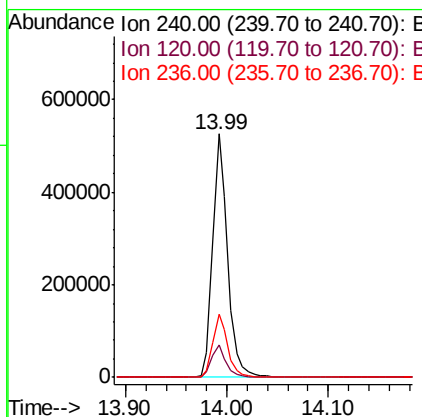
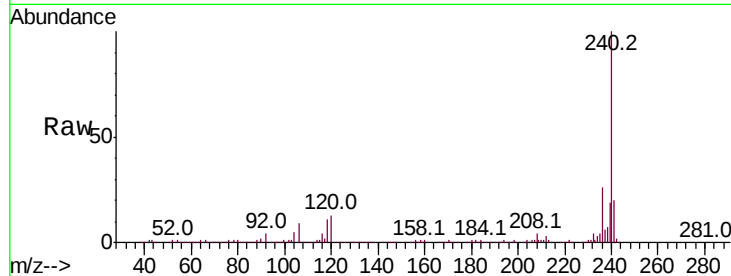




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114389.D
 Acq: 18 May 2019 14:25

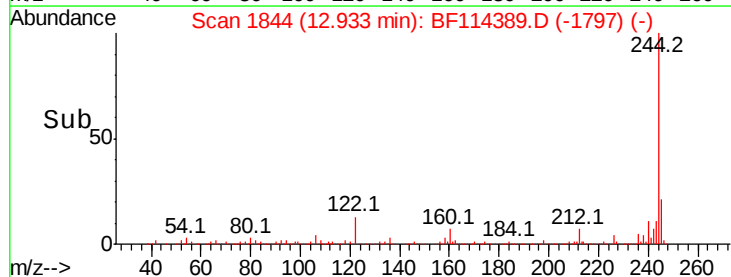
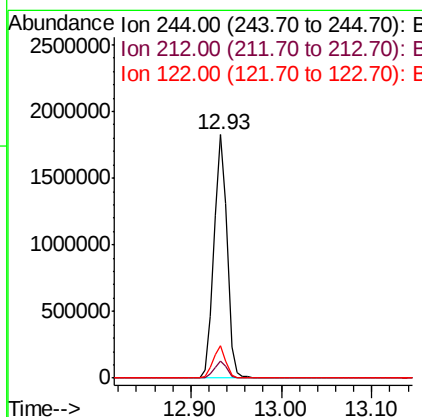
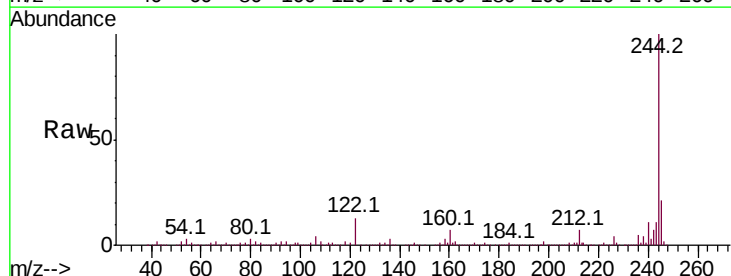
Instrument :
 BNA_F
 ClientSampleId :

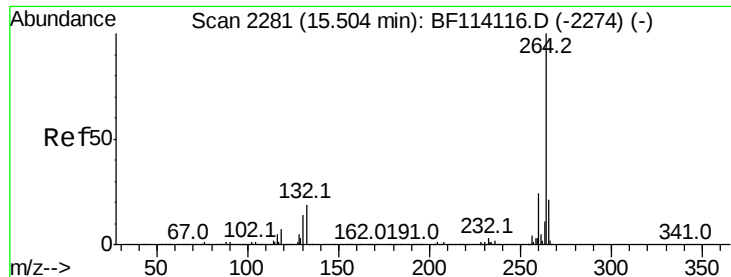
Tot Ion:240 Resp: 539789
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.3 12.5#
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 70.356 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114389.D
 Acq: 18 May 2019 14:25

Tgt Ion:244 Resp: 1842281
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.5 9.4 14.2

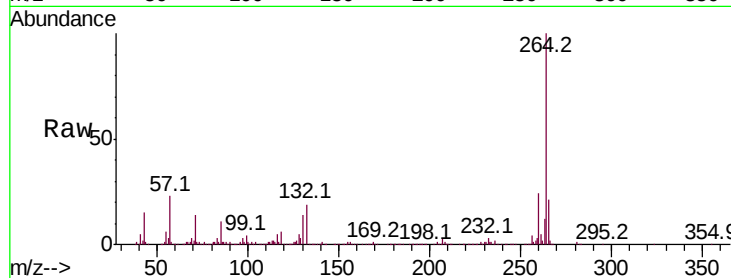




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF114389.D
Acq: 18 May 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.0	16.9	25.3



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

