

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114400.D
 Acq On : 18 May 2019 19:16
 Operator : JU/SJ
 Sample : K2896-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:11:40 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

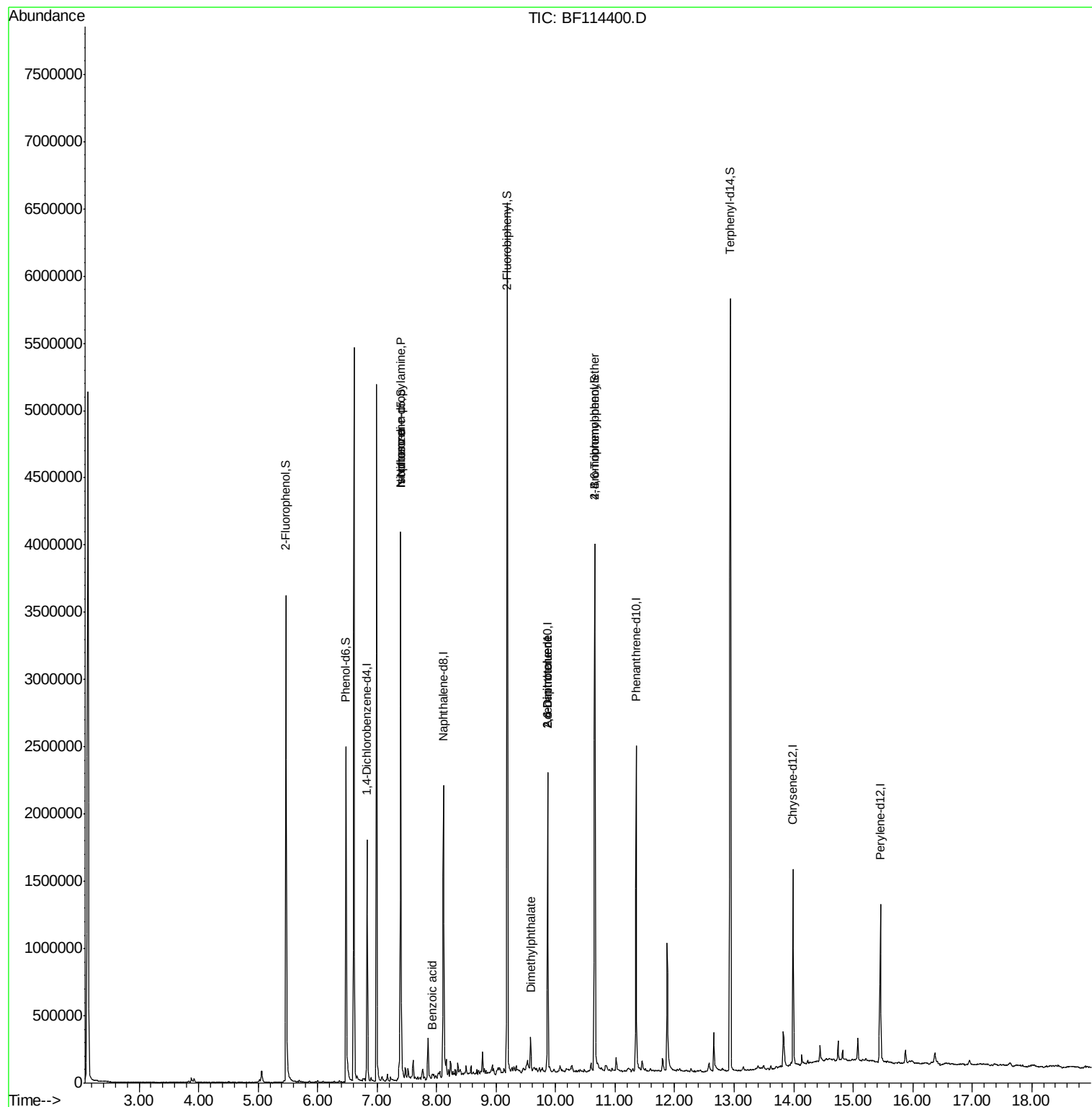
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	260696	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	973196	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	455344	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	874600	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	497074	20.00	ng	-0.03
87) Perylene-d12	15.46	264	529092	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1043649	64.42	ng	-0.01
7) Phenol-d6	6.47	99	952825	49.73	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1475592	85.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	531201	112.84	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2370924	78.76	ng	-0.02
79) Terphenyl-d14	12.94	244	2266216	93.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	194295	15.999	ng	# 76
25) Isophorone	7.40	82	1469496	45.692	ng	# 64
32) Benzoic acid	7.92	122	2137	7.211	ng	# 30
50) Dimethylphthalate	9.58	163	98453	2.945	ng	100
51) 2,6-Dinitrotoluene	9.87	165	62723	8.460	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	62858	6.246	ng	# 26
67) 4-Bromophenyl-phenylether	10.66	248	33670	3.496	ng	# 1

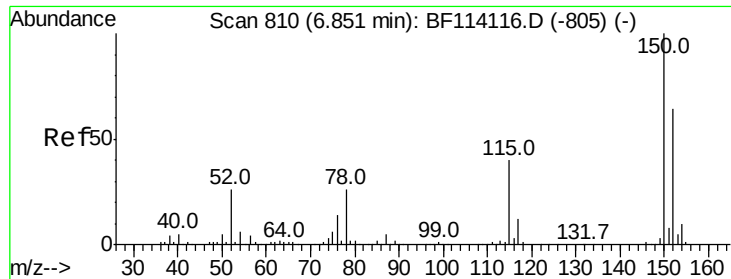
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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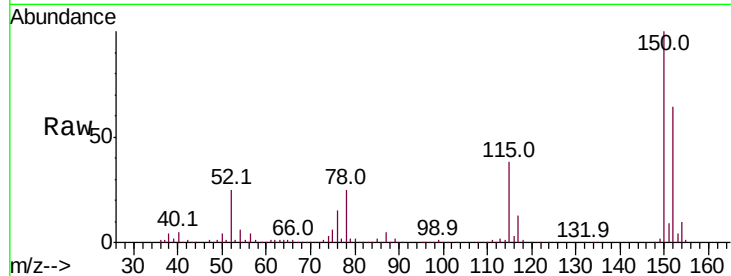


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	59.5	49.1	73.7

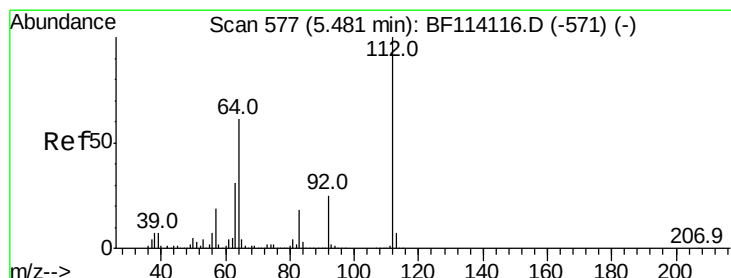
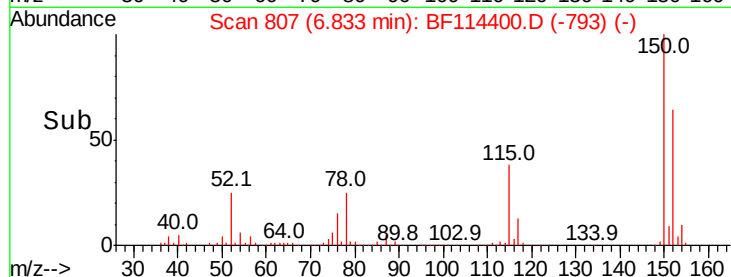
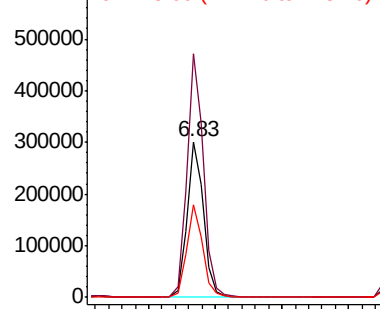


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

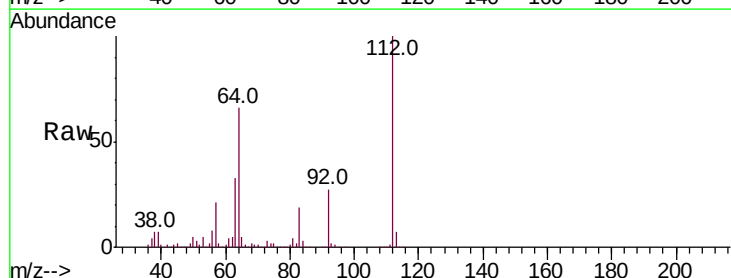
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.424 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.0	73.6
63	33.3	24.6	37.0

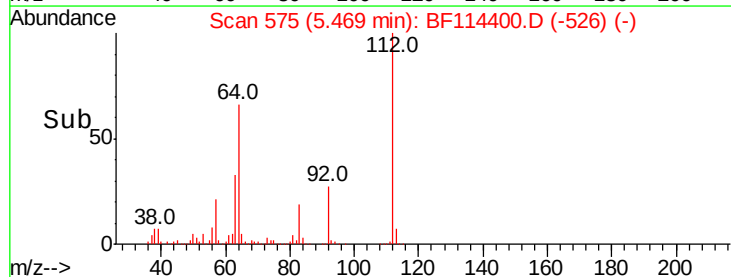
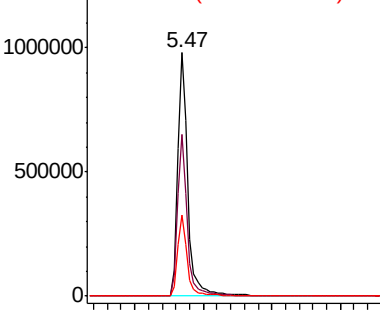


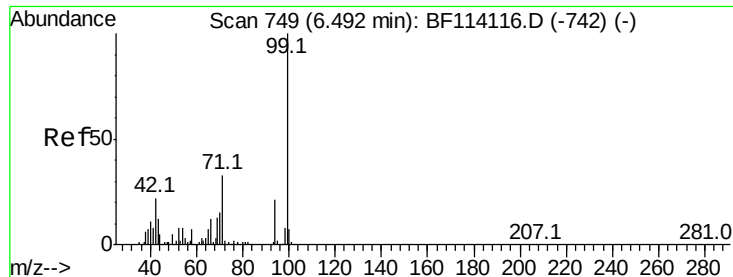
Abundance

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: 49.730 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Instrument :

BNA_F

ClientSampled :

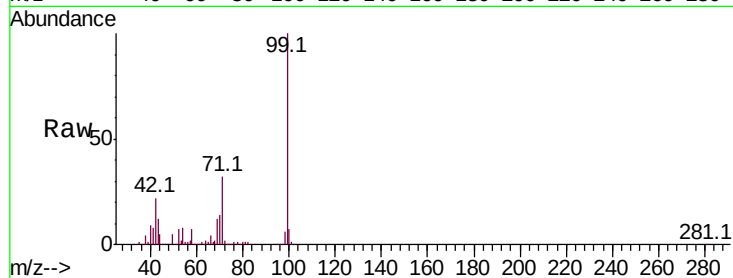
Tot Ion: 99 Resp: 952825

Ion Ratio Lower Upper

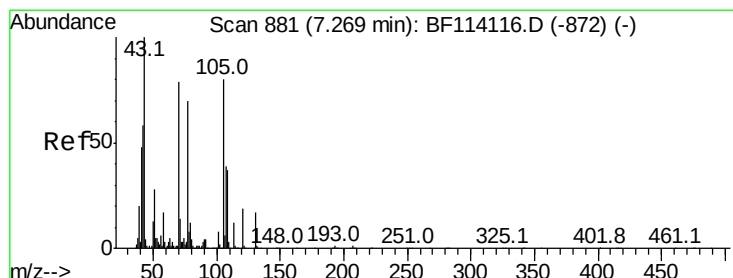
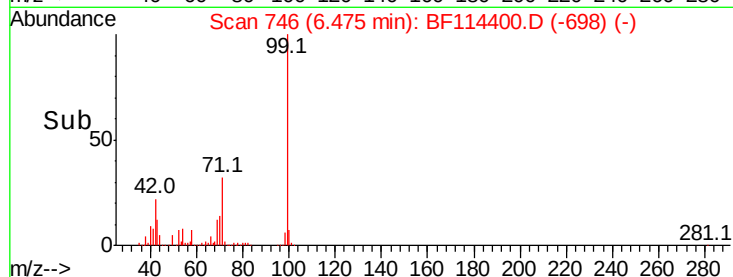
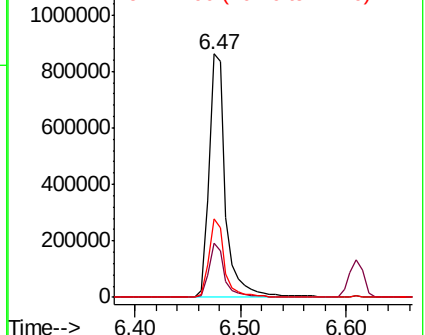
99 100

42 22.4 17.9 26.9

71 32.5 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: 15.999 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Tgt Ion: 70 Resp: 194295

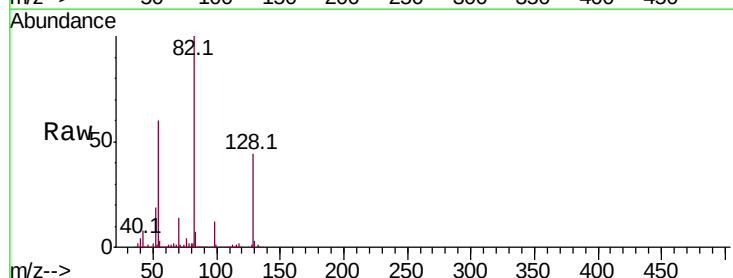
Ion Ratio Lower Upper

70 100

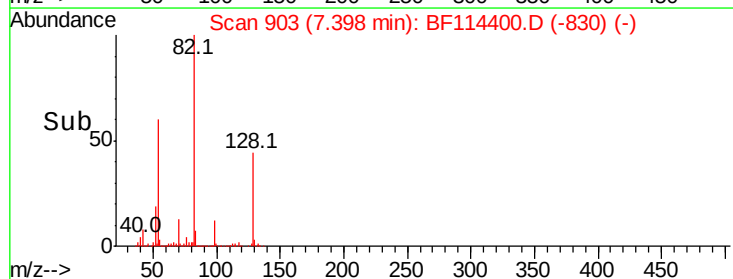
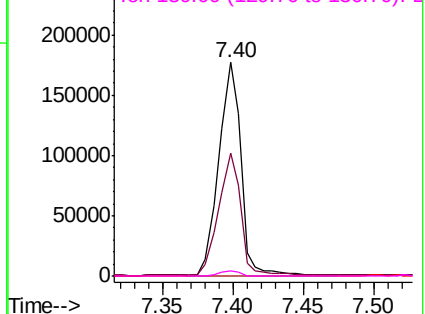
42 57.3 58.6 87.8#

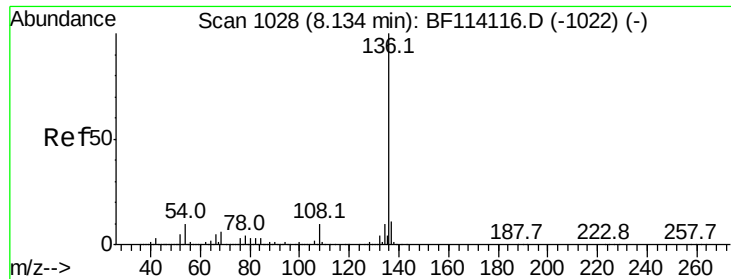
101 0.0 7.8 11.8#

130 2.3 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

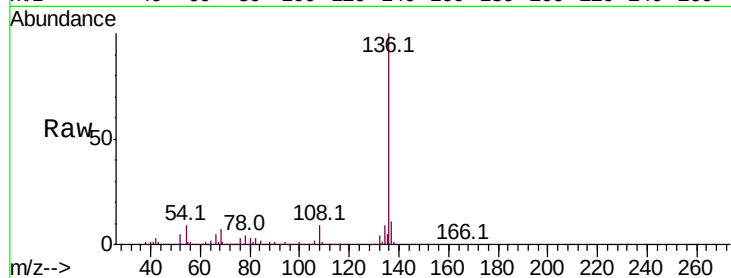




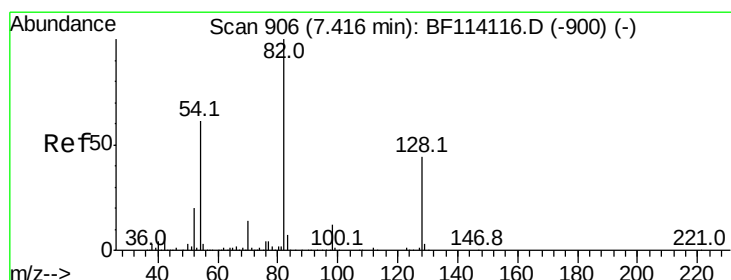
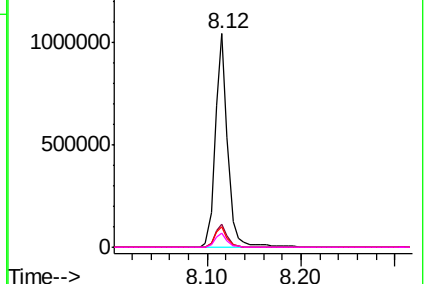
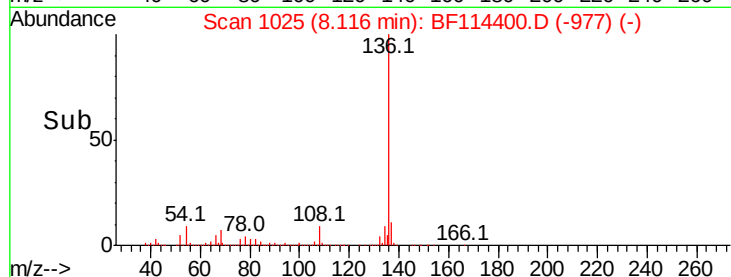
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	973196
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 9.5	7.8	11.8
68 6.7	5.1	7.7

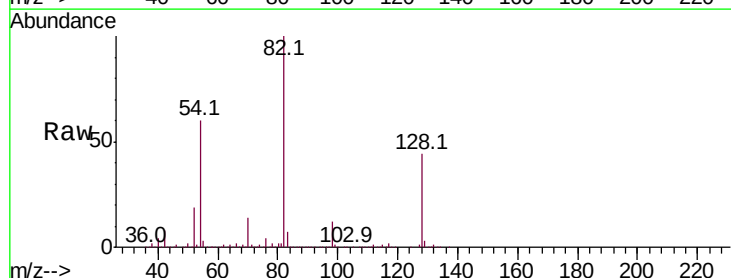


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

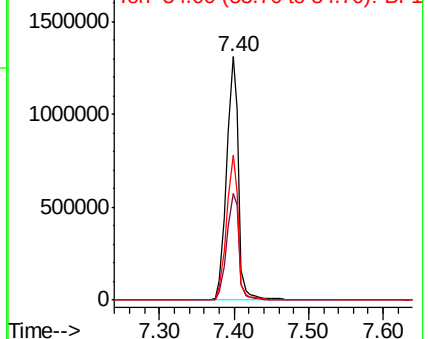
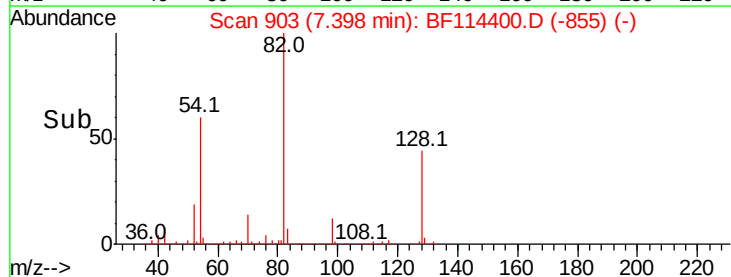


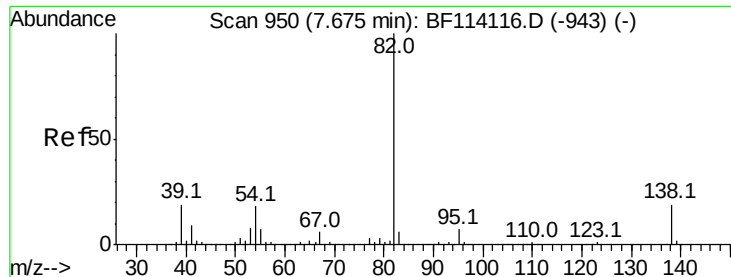
#23
Nitrobenzene-d5
Concen: 85.091 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Tgt Ion: 82	Resp: 1475592
Ion Ratio	Lower Upper
82 100	
128 44.0	35.5 53.3
54 59.6	48.5 72.7



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: 45.692 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Instrument :

BNA_F

ClientSampleId :

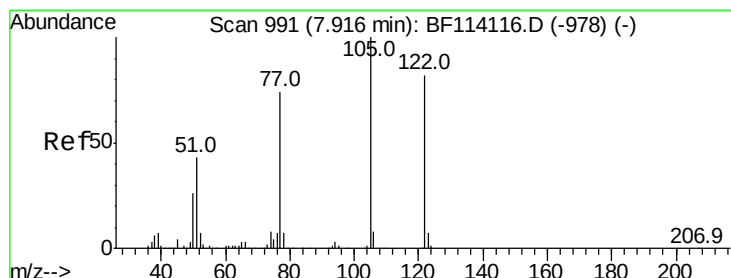
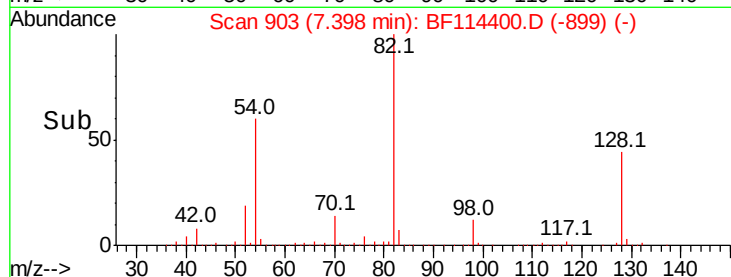
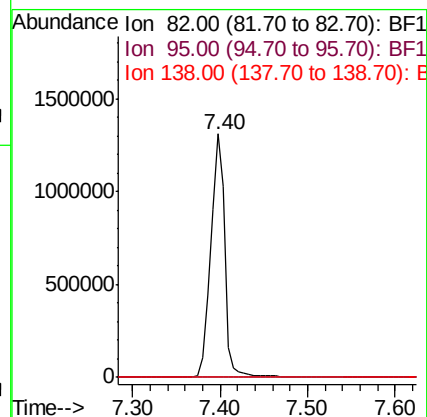
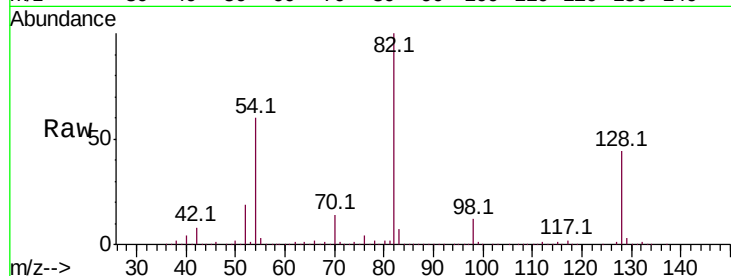
Tot Ion: 82 Resp: 1469496

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.211 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

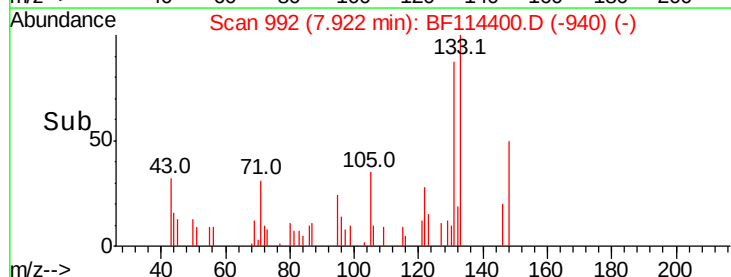
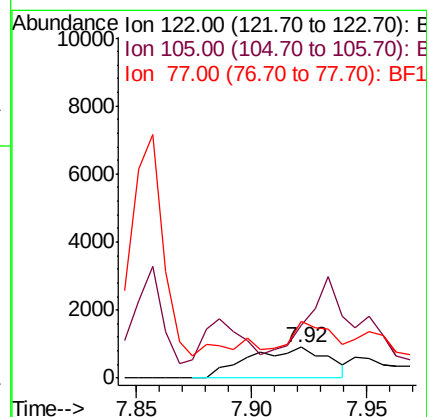
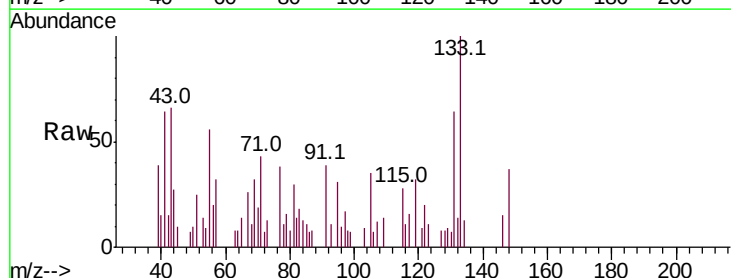
Tgt Ion:122 Resp: 2137

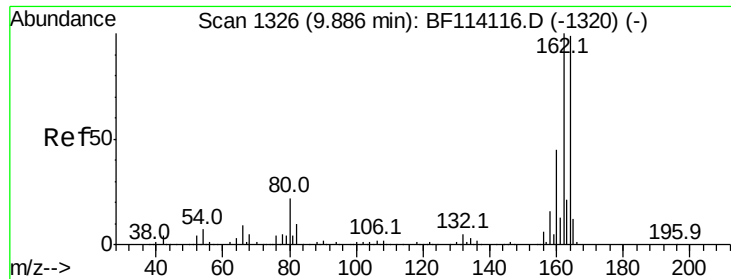
Ion Ratio Lower Upper

122 100

105 170.7 99.9 139.9#

77 185.5 69.4 109.4#

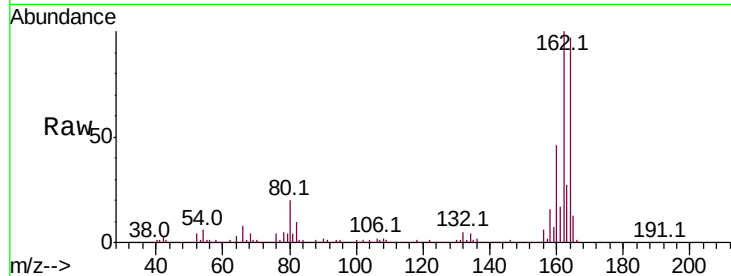




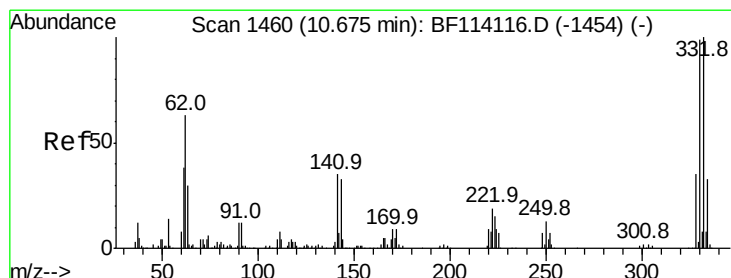
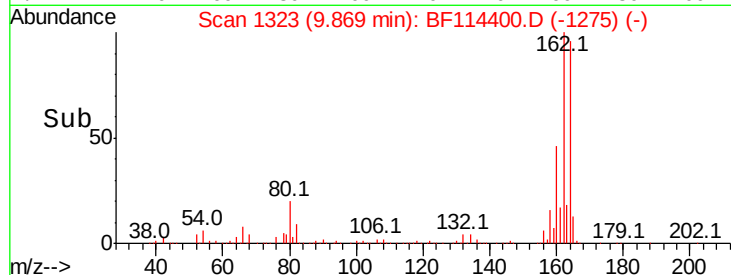
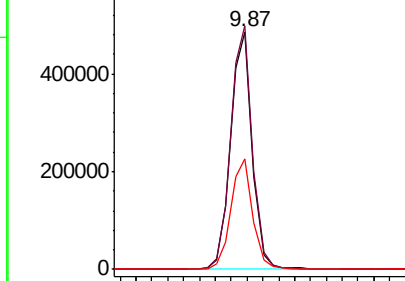
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 455344
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 46.8 36.5 54.7

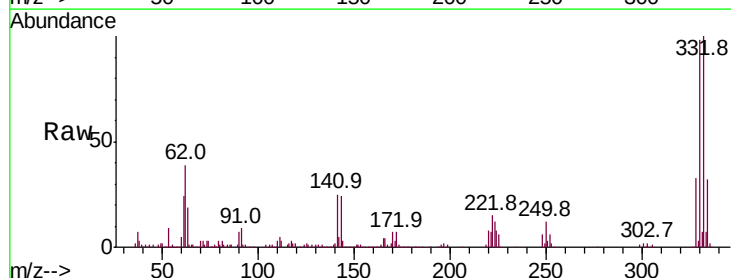


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

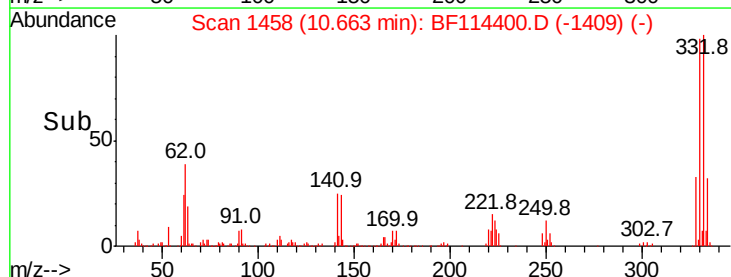
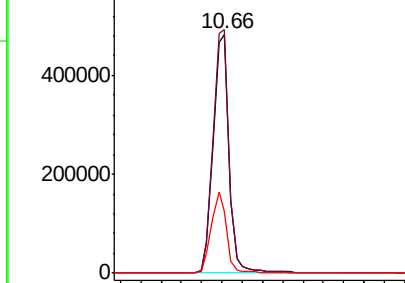


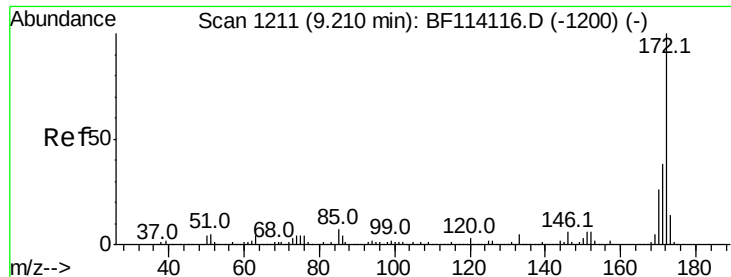
#42
2,4,6-Tribromophenol
Concen: 112.842 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Tgt Ion:330 Resp: 531201
Ion Ratio Lower Upper
330 100
332 103.8 81.4 122.2
141 33.1 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



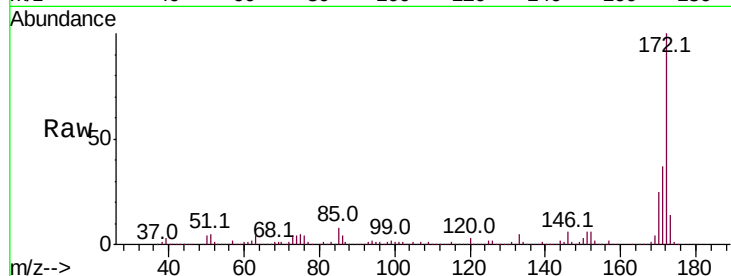


#45
 2-Fluorobiphenyl
 Concen: 78.763 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

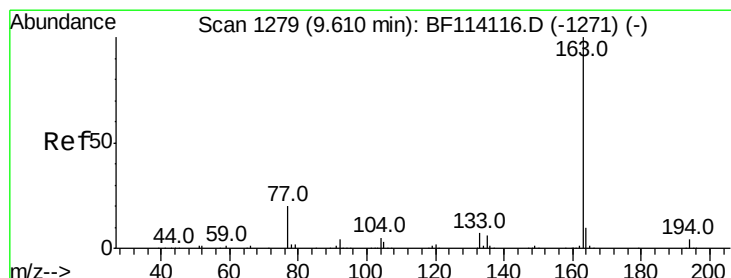
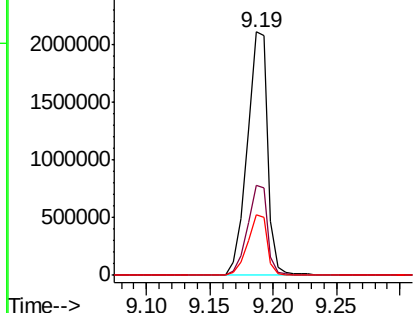
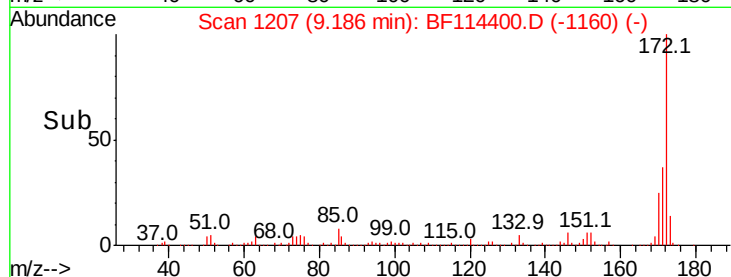
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2370924

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.6	20.5	30.7



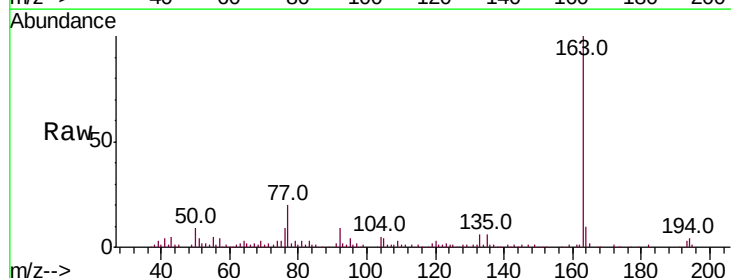
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



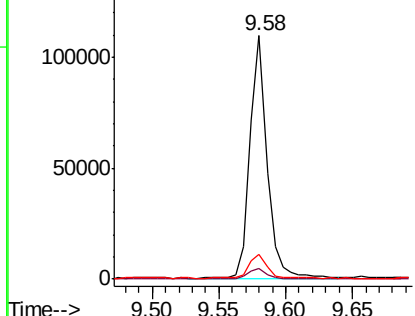
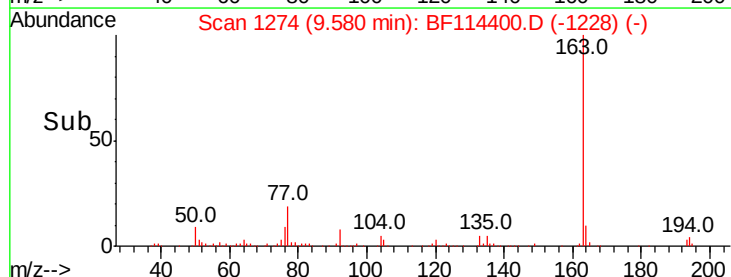
#50
 Dimethylphthalate
 Concen: 2.945 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

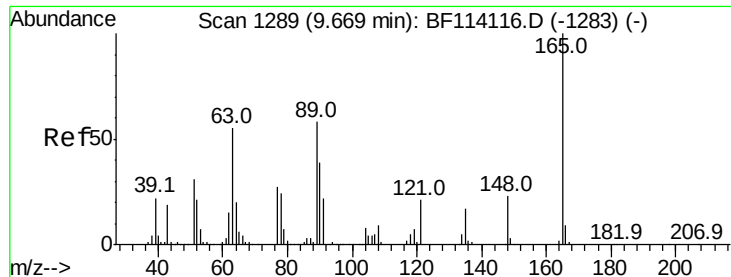
Tgt Ion:163 Resp: 98453

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.2



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: 8.460 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Instrument :

BNA_F

ClientSampleId :

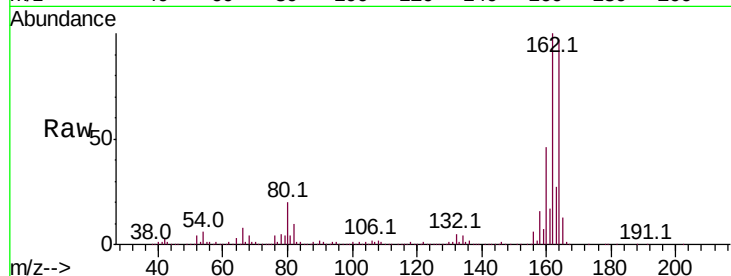
Tot Ion:165 Resp: 62723

Ion Ratio Lower Upper

165 100

63 2.0 50.2 75.4#

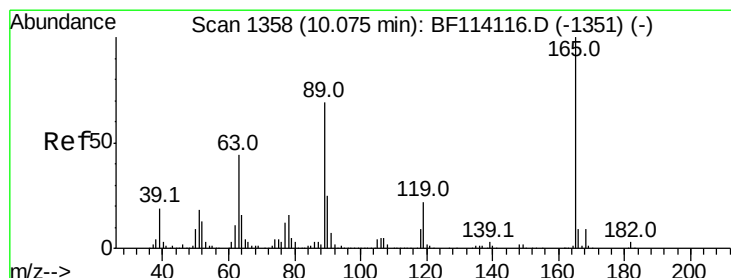
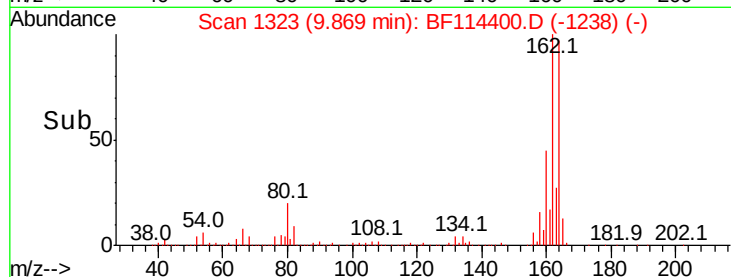
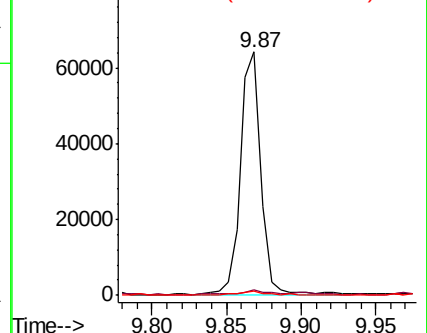
89 1.6 46.6 69.8#



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: 6.246 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Tgt Ion:165 Resp: 62858

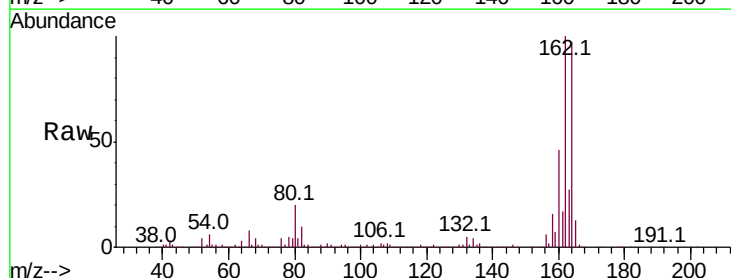
Ion Ratio Lower Upper

165 100

63 2.0 35.5 53.3#

89 1.6 55.2 82.8#

182 0.6 2.2 3.2#

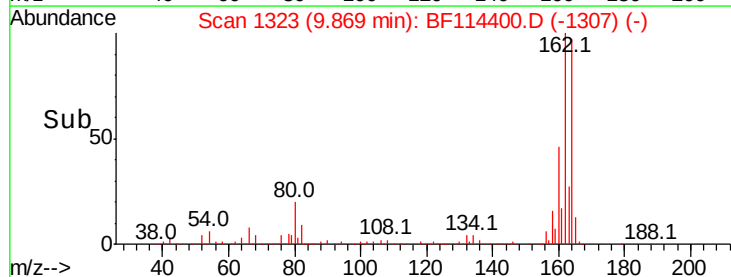
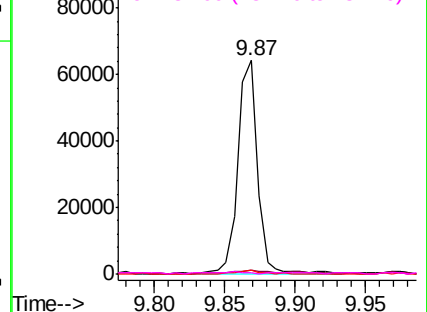


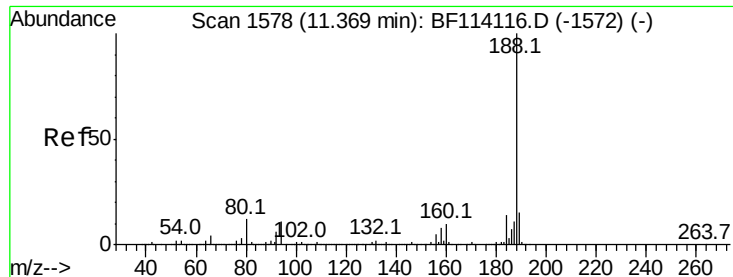
Abundance Ion 165.00 (164.70 to 165.70): E

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): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Instrument :

BNA_F

ClientSampleId :

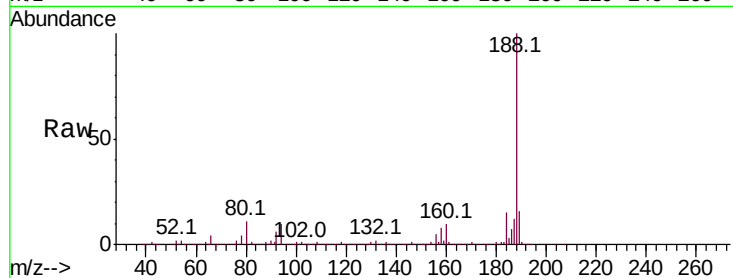
Tot Ion:188 Resp: 874600

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

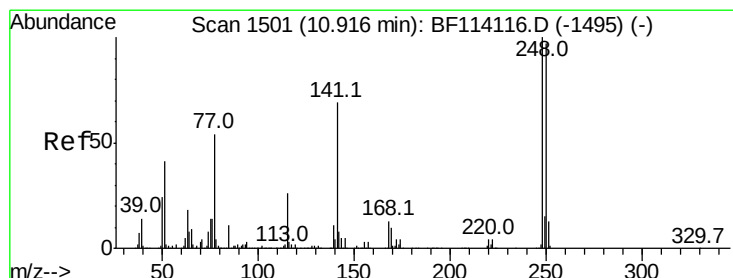
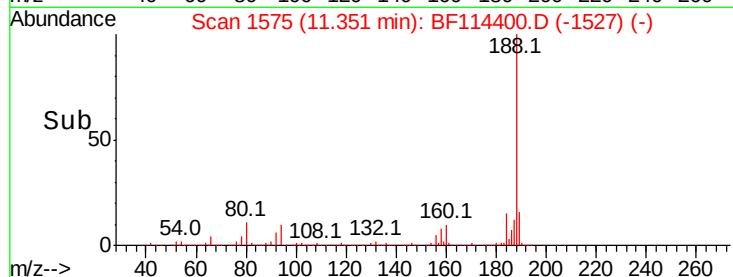
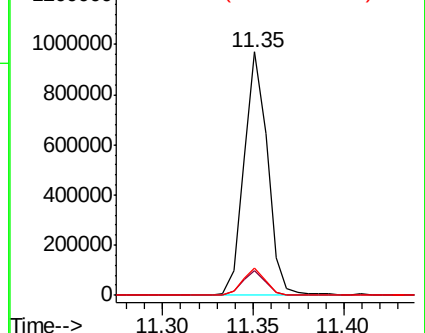
80 11.1 9.2 13.8



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: 3.496 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.26 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

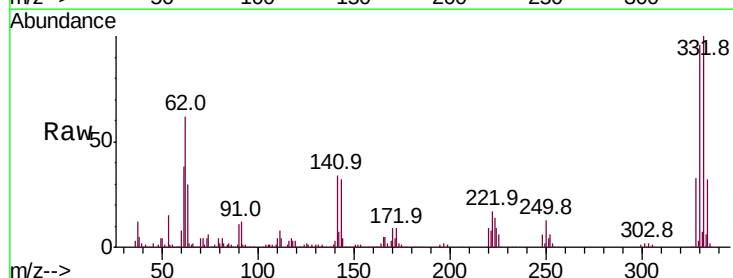
Tgt Ion:248 Resp: 33670

Ion Ratio Lower Upper

248 100

250 201.9 77.4 116.2#

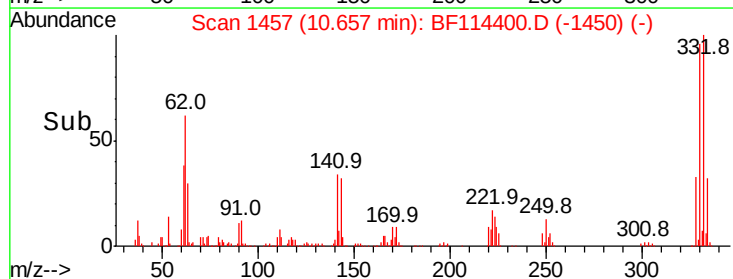
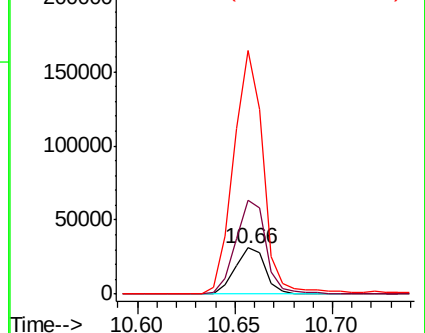
141 525.6 55.6 83.4#

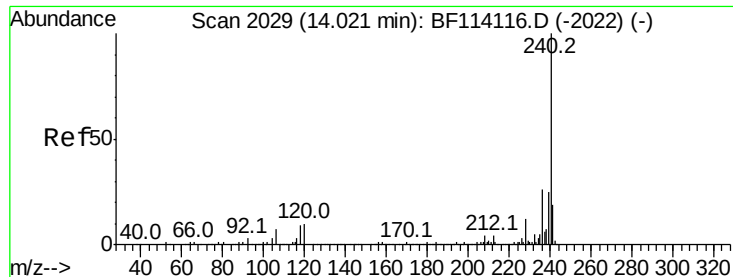


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

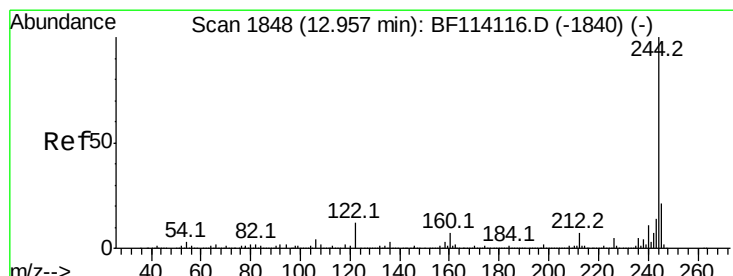
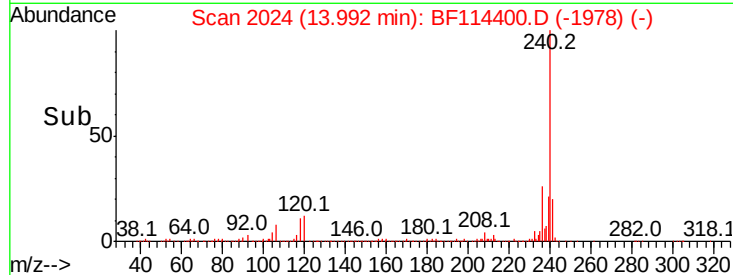
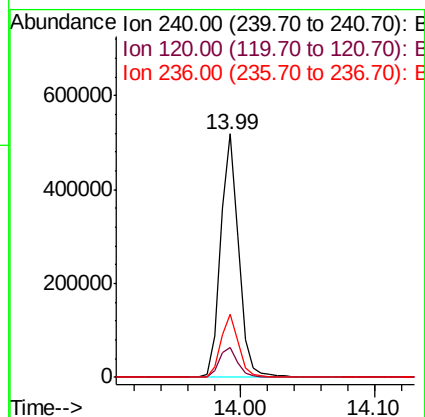
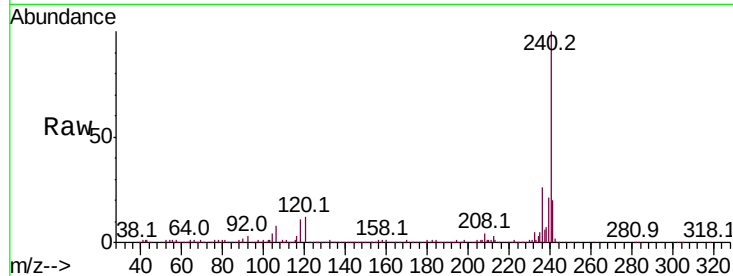




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

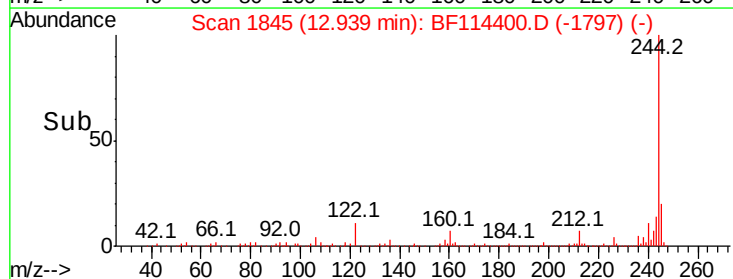
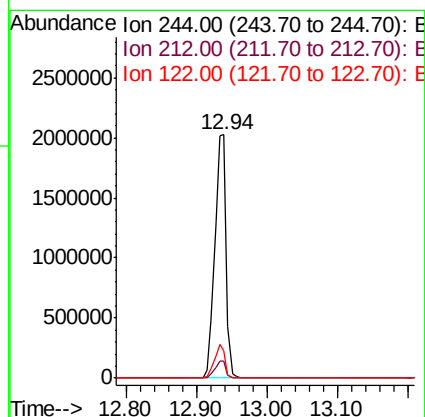
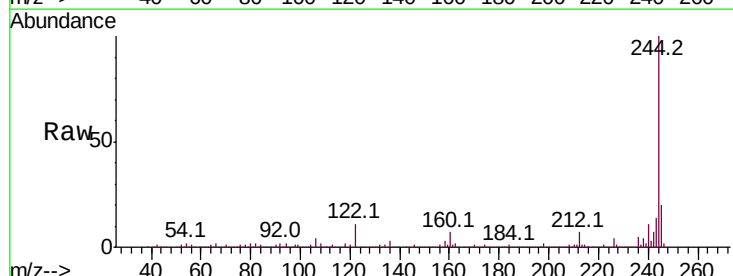
Instrument :
 BNA_F
 ClientSampleId :

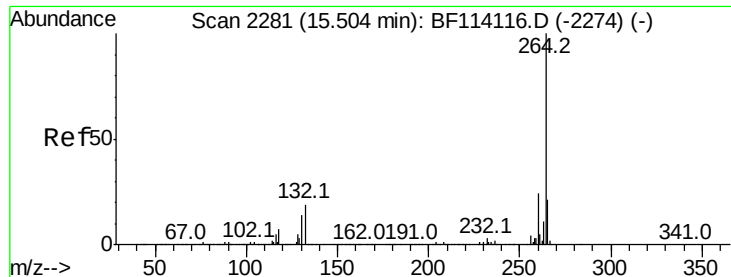
Tot Ion:240 Resp: 497074
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 26.1 20.8 31.2



#79
 Terphenyl-d14
 Concen: 93.983 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

Tgt Ion:244 Resp: 2266216
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.3 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	16.9	25.3

