

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114575.D
 Acq On : 24 May 2019 17:52
 Operator : JU/SJ
 Sample : K2993-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: May 24 22:36:43 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 24 07:23:33 2019
 Response via : Initial Calibration

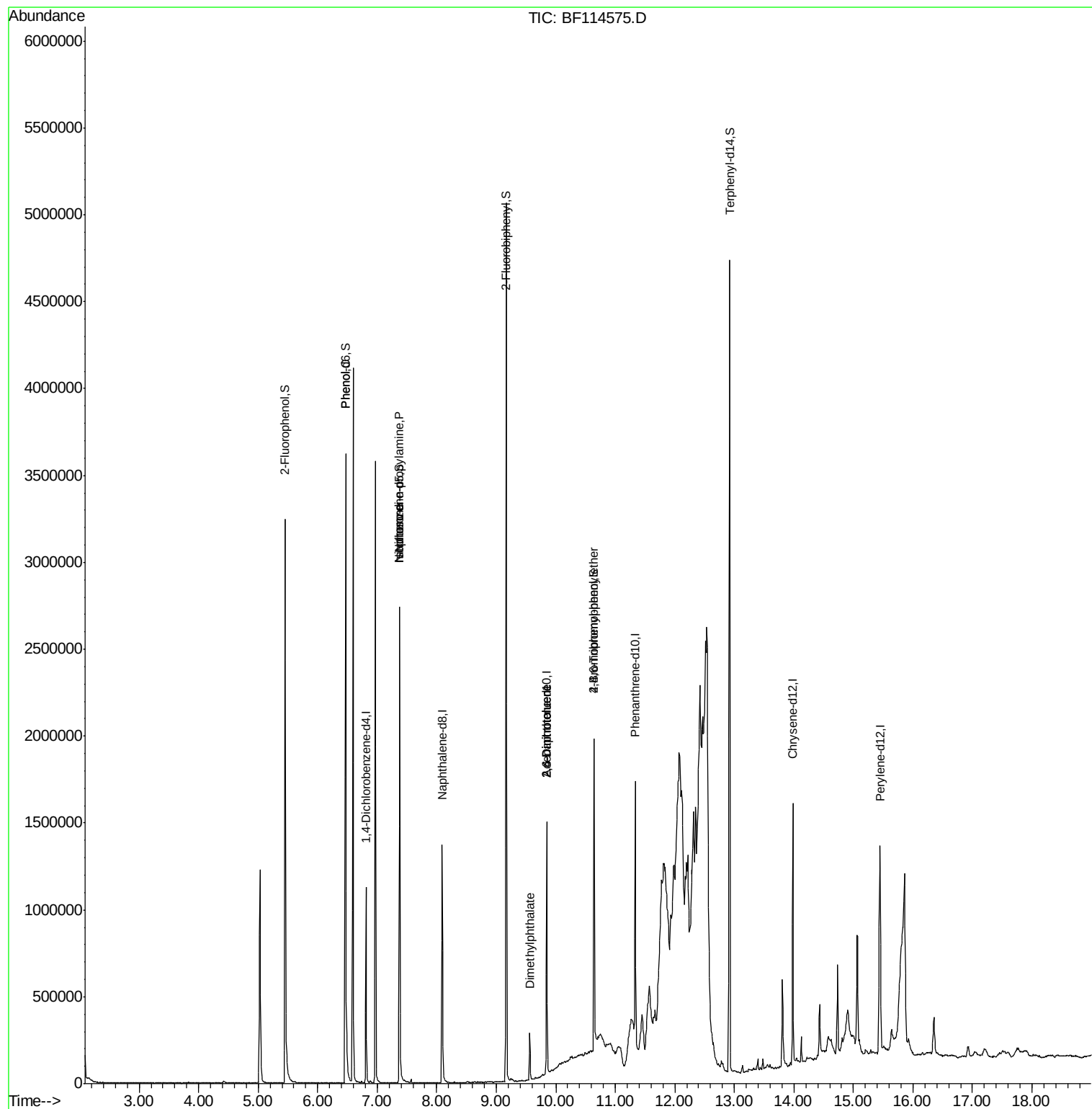
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162946	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	626038	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	296422	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	589682	20.00	ng	0.00
76) Chrysene-d12	13.98	240	458085	20.00	ng	0.00
87) Perylene-d12	15.45	264	435560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	959907	94.80	ng	0.00
7) Phenol-d6	6.47	99	1387400	115.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	886634	79.48	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	232652	75.92	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1553563	79.28	ng	0.00
79) Terphenyl-d14	12.92	244	1660884	74.74	ng	0.00
Target Compounds						
10) Phenol	6.47	94	34698	2.463	ng	# 67
19) n-Nitroso-di-n-propylamine	7.37	70	116936	15.405	ng	# 76
25) Isophorone	7.37	82	886627	42.856	ng	# 64
50) Dimethylphthalate	9.56	163	106859	4.911	ng	# 98
51) 2,6-Dinitrotoluene	9.85	165	38367	7.949	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	38367	5.857	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	14966	2.305	ng	# 1

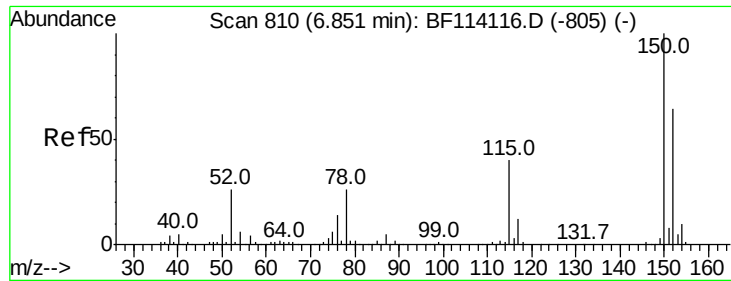
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



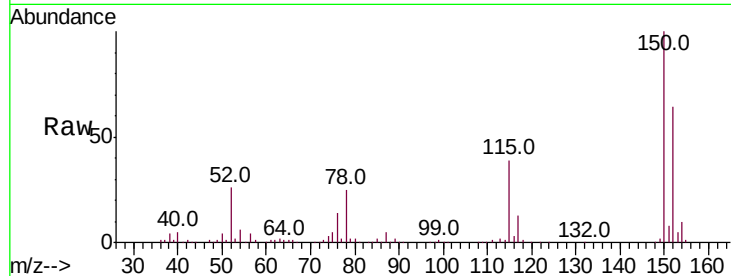


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	61.6	49.1	73.7

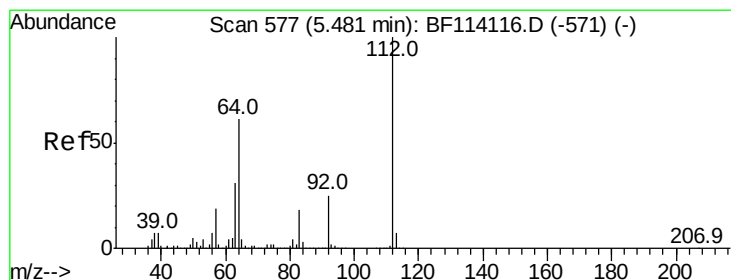
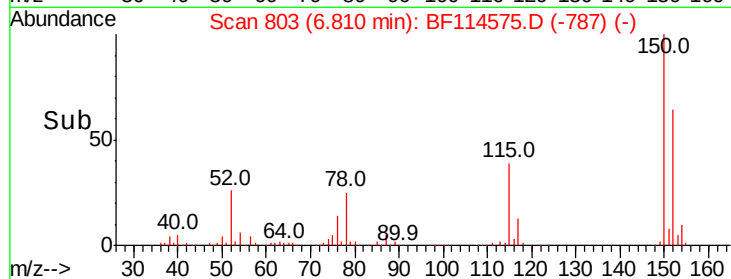
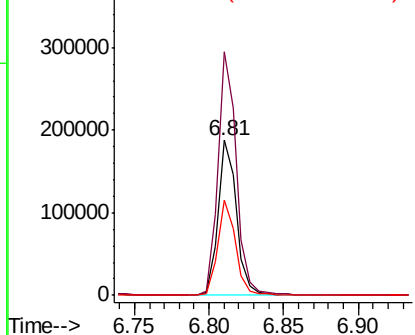


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

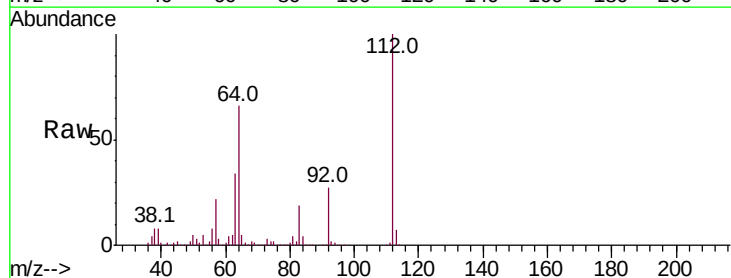
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.801 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	49.0	73.6
63	34.1	24.6	37.0

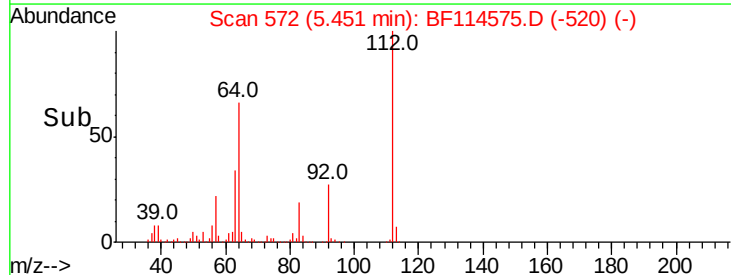
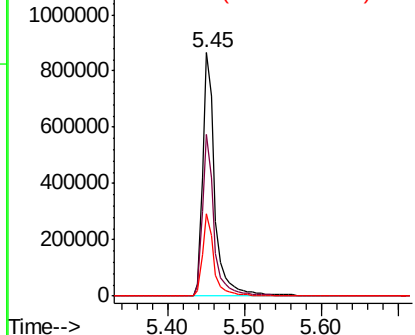


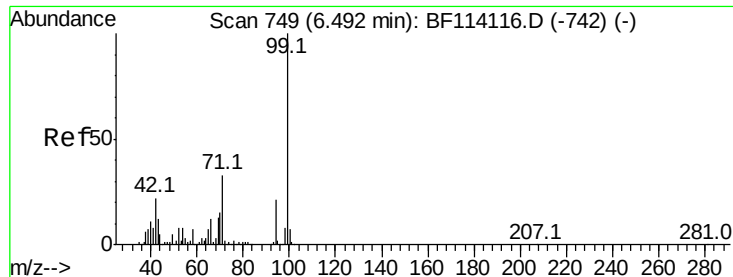
Abundance

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: 115.851 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

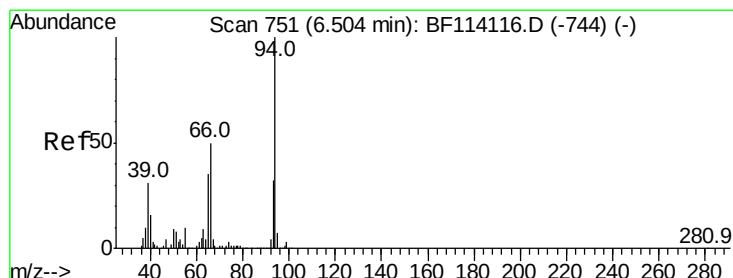
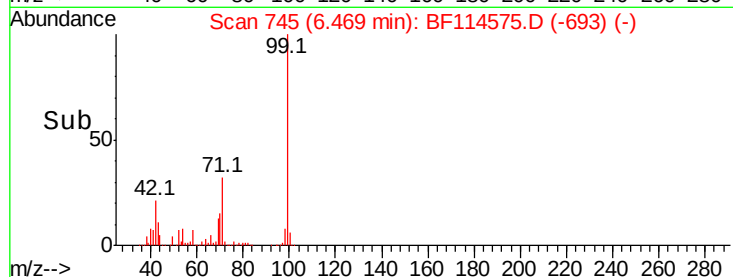
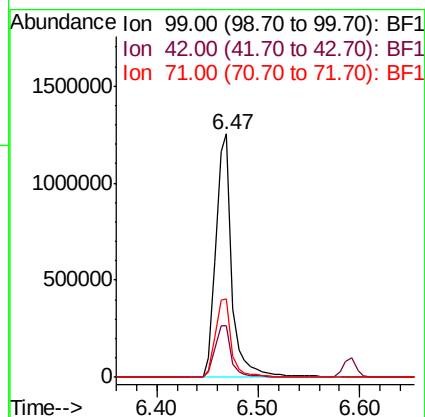
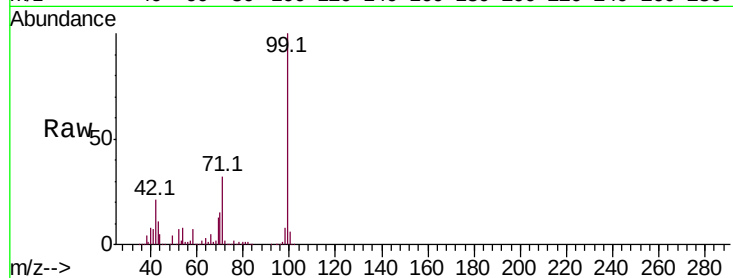
Tot Ion: 99 Resp: 1387400

Ion Ratio Lower Upper

99 100

42 21.3 17.9 26.9

71 32.3 26.2 39.2



#10

Phenol

Concen: 2.463 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

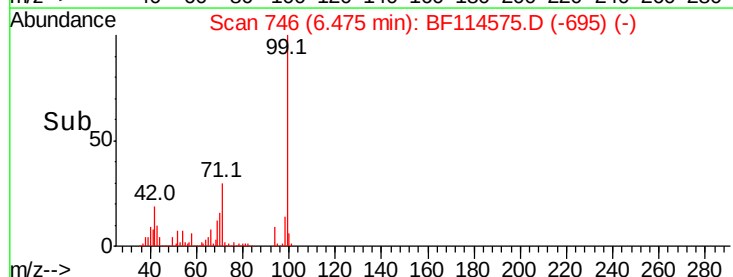
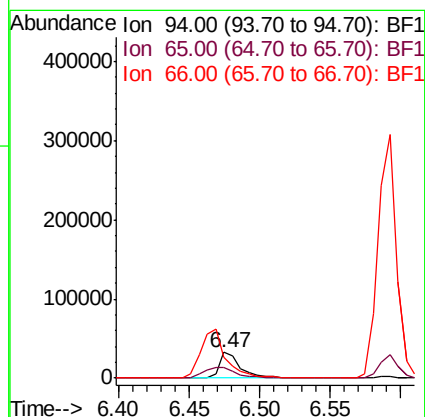
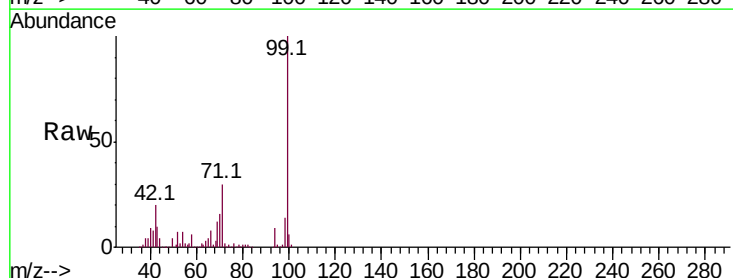
Tgt Ion: 94 Resp: 34698

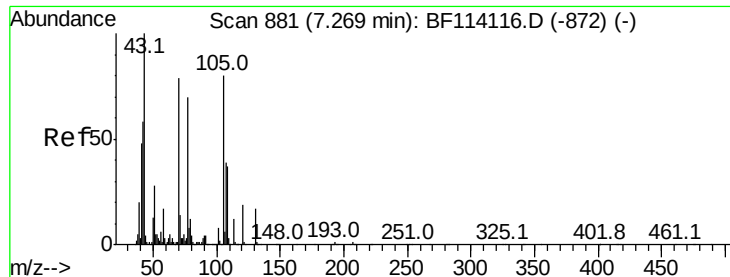
Ion Ratio Lower Upper

94 100

65 40.2 14.7 54.7

66 84.1 29.6 69.6#

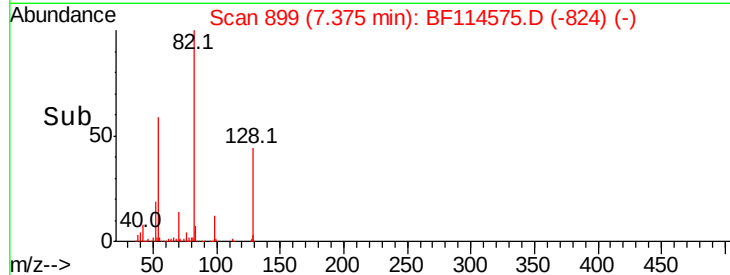
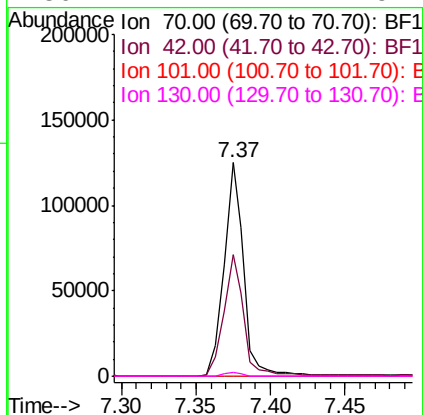
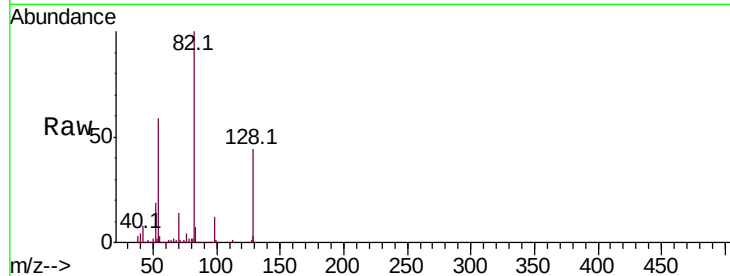




#19
n-Nitroso-di-n-propylamine
Concen: 15.405 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

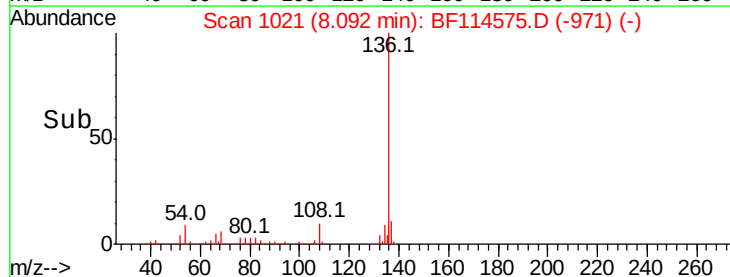
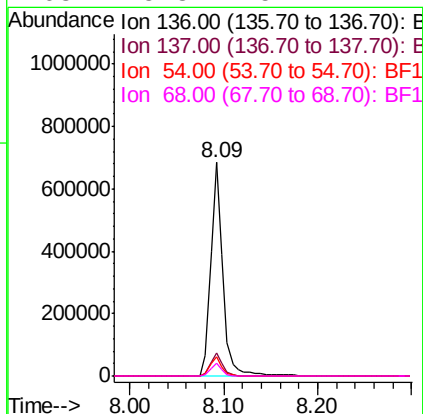
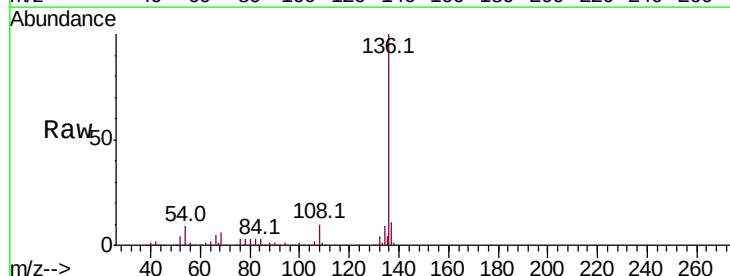
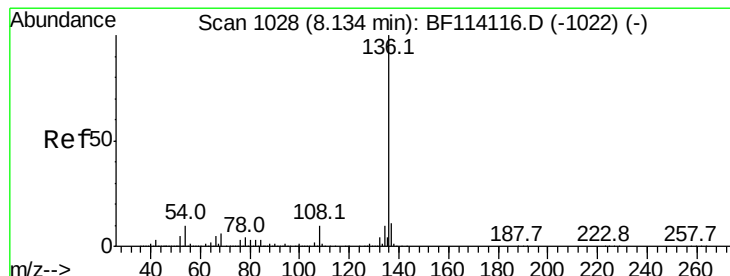
Instrument :
BNA_F
ClientSampleId :
COMP-1

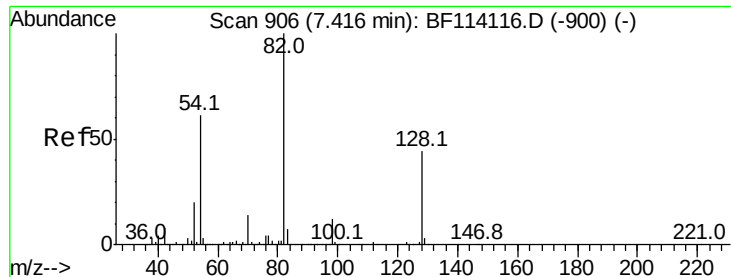
Tot Ion: 70 Resp: 116936
Ion Ratio Lower Upper
70 100
42 57.0 58.6 87.8#
101 0.0 7.8 11.8#
130 2.1 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

Tgt Ion:136 Resp: 626038
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.9 7.8 11.8
68 5.8 5.1 7.7

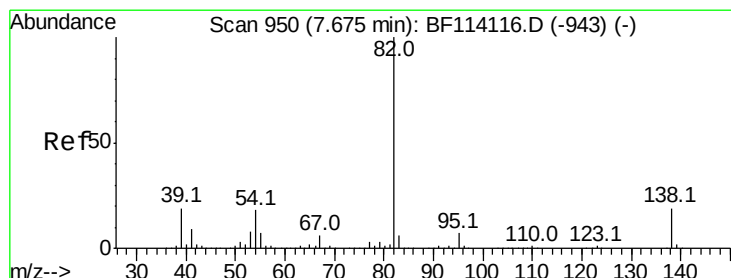
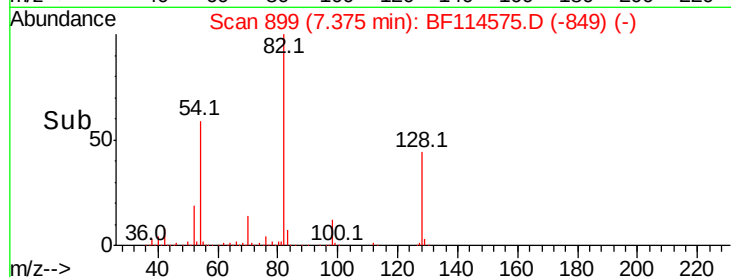
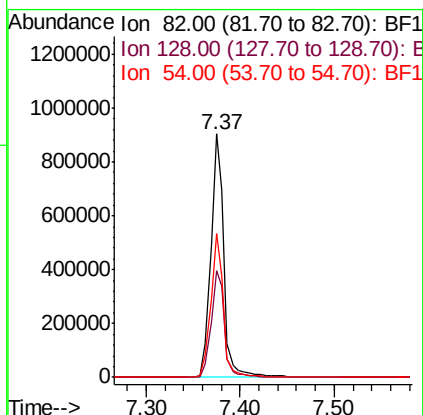
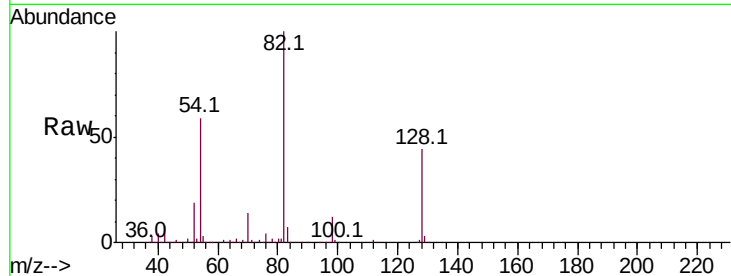




#23
 Nitrobenzene-d5
 Concen: 79.481 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

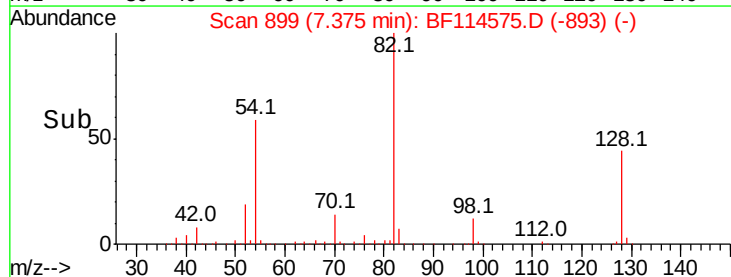
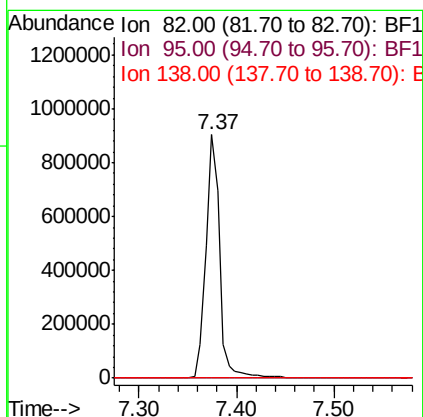
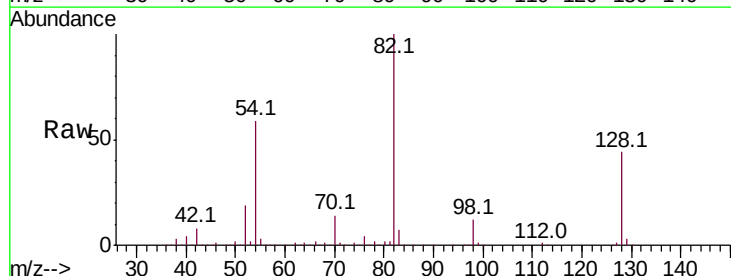
Instrument :
 BNA_F
 ClientSampleID :
 COMP-1

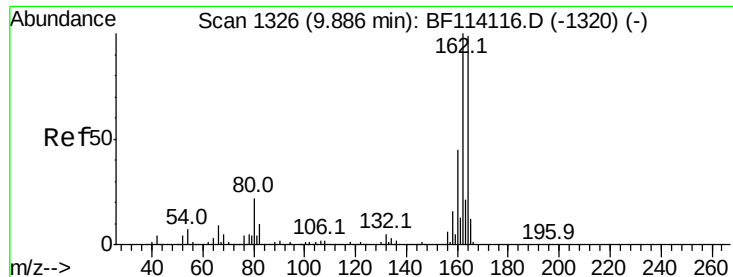
Tot Ion	82	Resp	886634
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.5	53.3
54	59.3	48.5	72.7



#25
 Isophorone
 Concen: 42.856 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

Tgt Ion	82	Resp	886627
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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

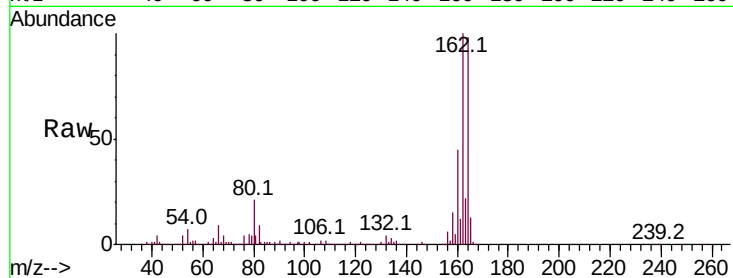
Tot Ion:164 Resp: 296422

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

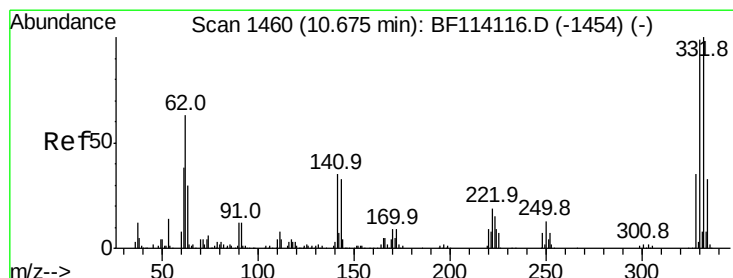
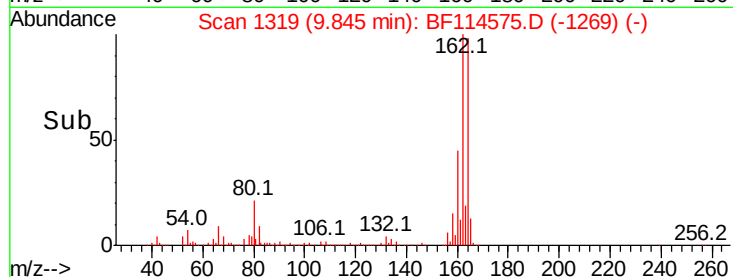
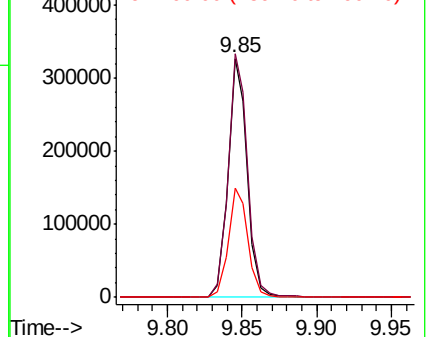
160 46.0 36.5 54.7



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: 75.918 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

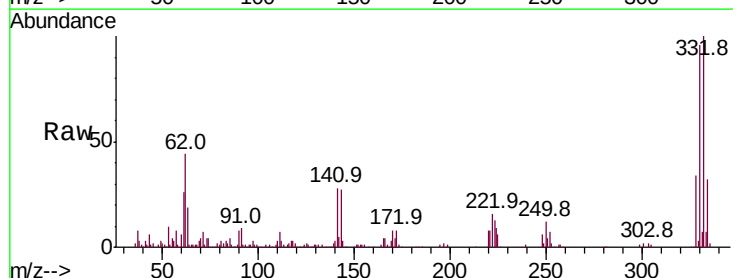
Tgt Ion:330 Resp: 232652

Ion Ratio Lower Upper

330 100

332 103.3 81.4 122.2

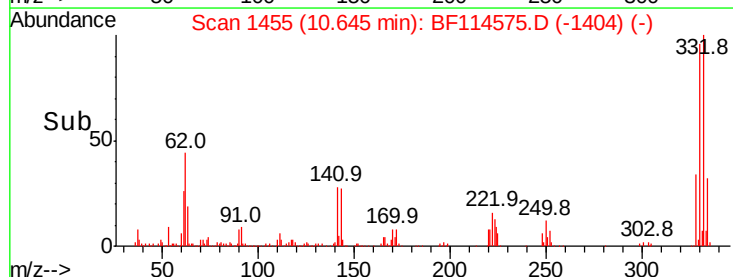
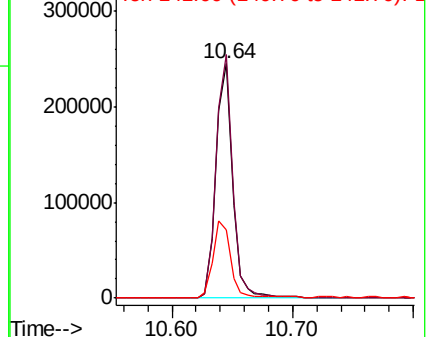
141 35.1 26.6 40.0

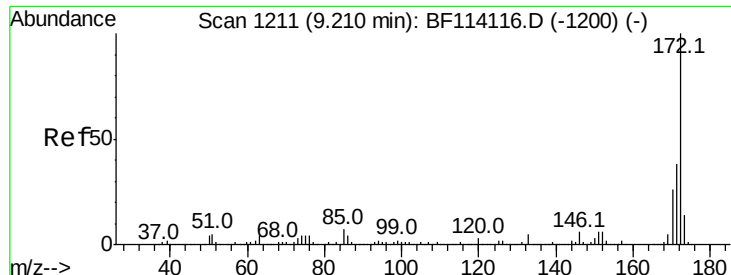


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

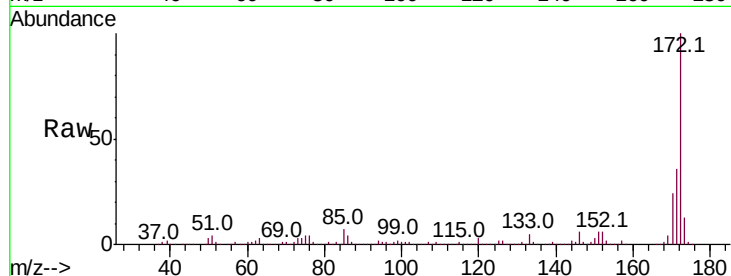




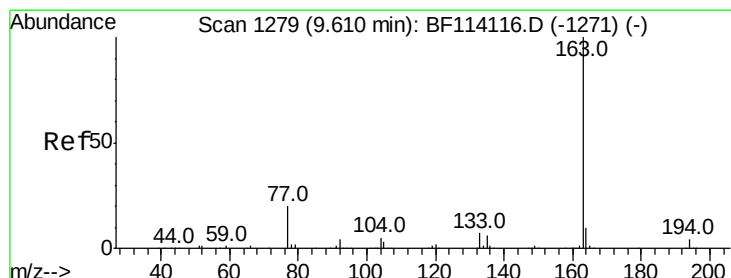
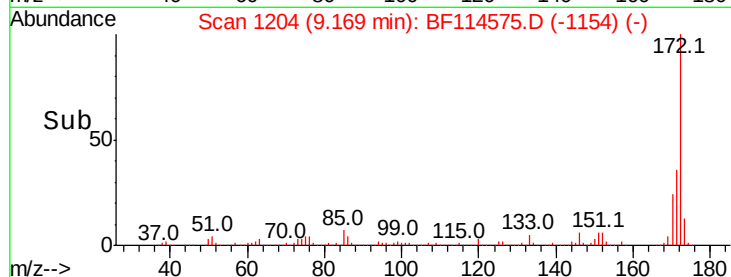
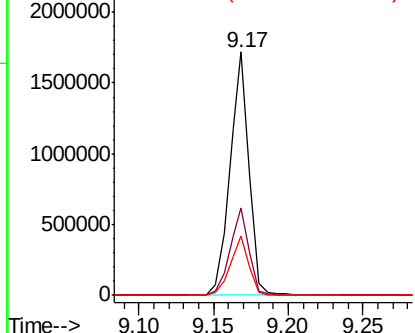
#45
 2-Fluorobiphenyl
 Concen: 79.280 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:172 Resp: 1553563
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.7 46.1
 170 24.3 20.5 30.7

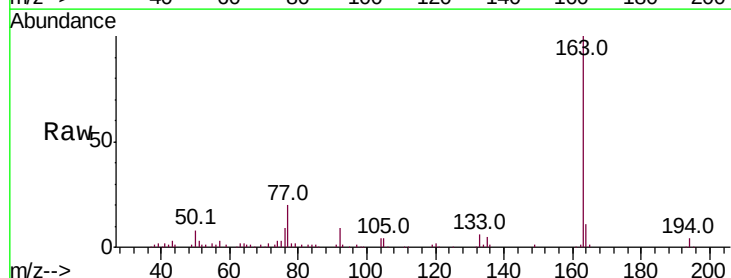


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

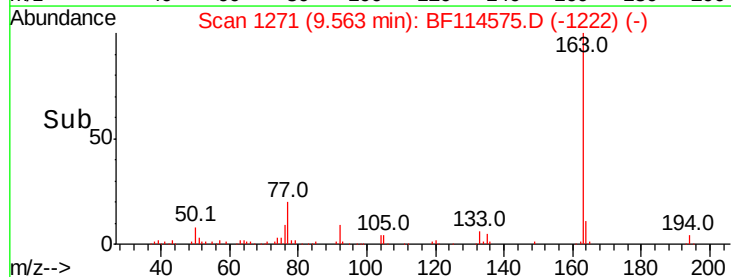
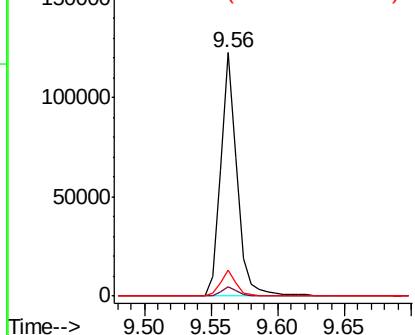


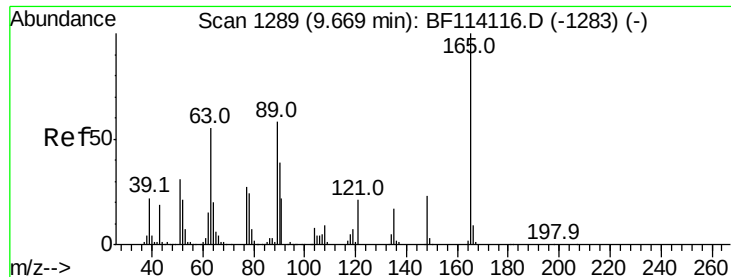
#50
 Dimethylphthalate
 Concen: 4.911 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

Tgt Ion:163 Resp: 106859
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.0
 164 10.9 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: 7.949 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

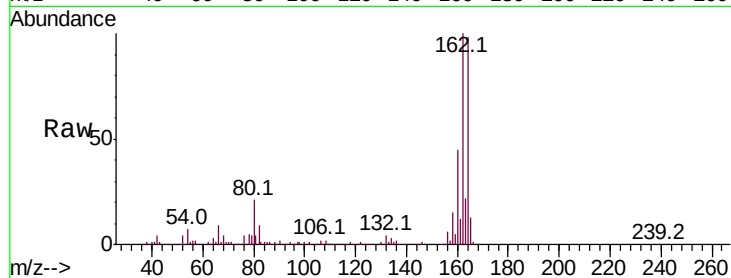
Tot Ion:165 Resp: 38367

Ion Ratio Lower Upper

165 100

63 1.3 50.2 75.4#

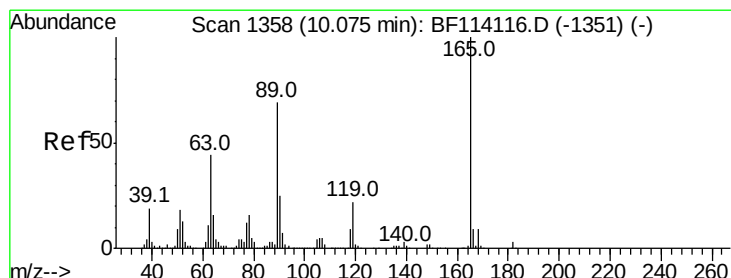
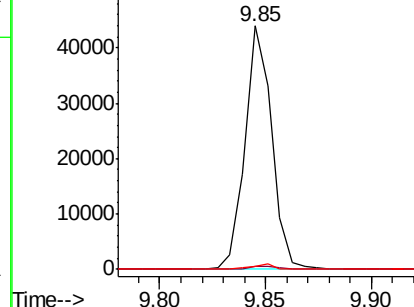
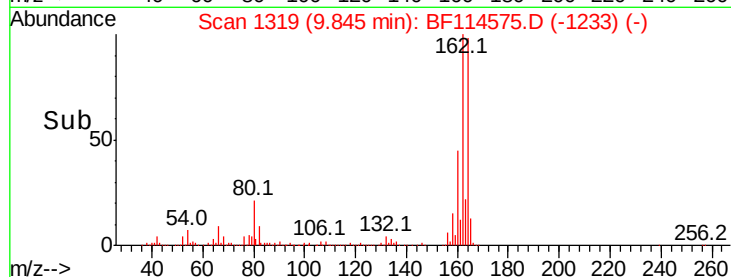
89 1.4 46.6 69.8#



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: 5.857 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Tgt Ion:165 Resp: 38367

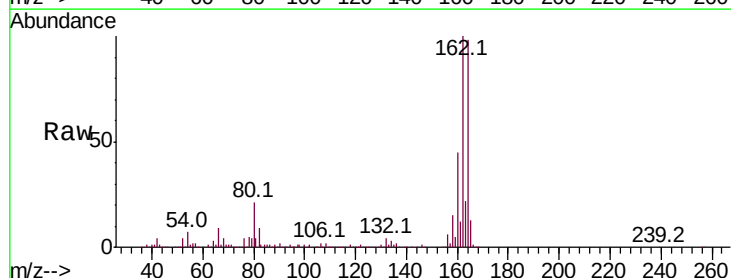
Ion Ratio Lower Upper

165 100

63 1.3 35.5 53.3#

89 1.4 55.2 82.8#

182 0.0 2.2 3.2#

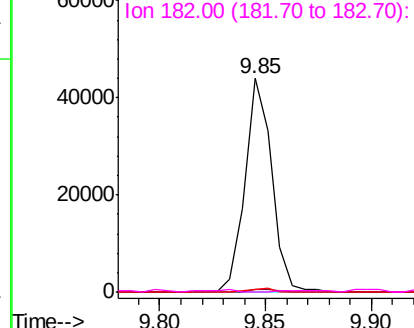
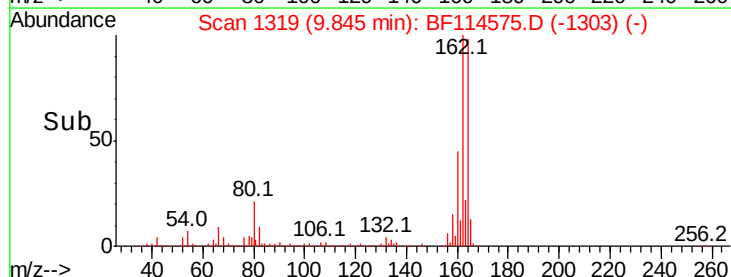


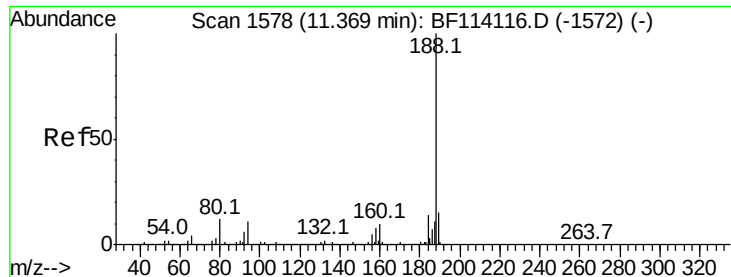
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

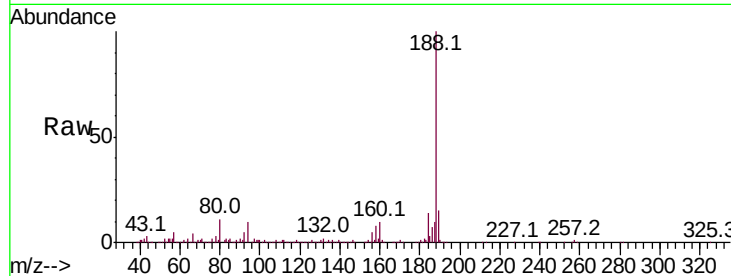
Tot Ion:188 Resp: 589682

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

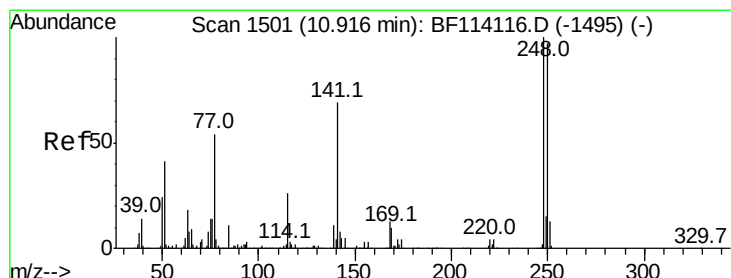
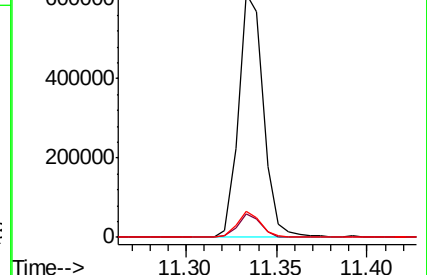
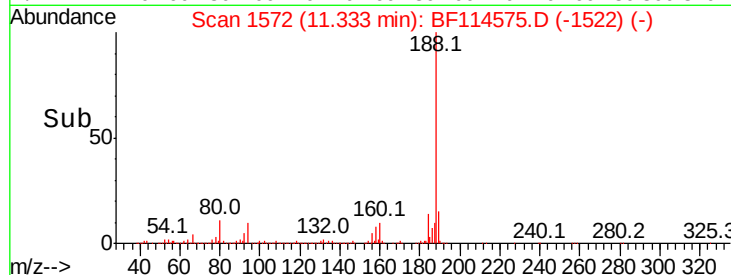
80 10.6 9.2 13.8



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: 2.305 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.23 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

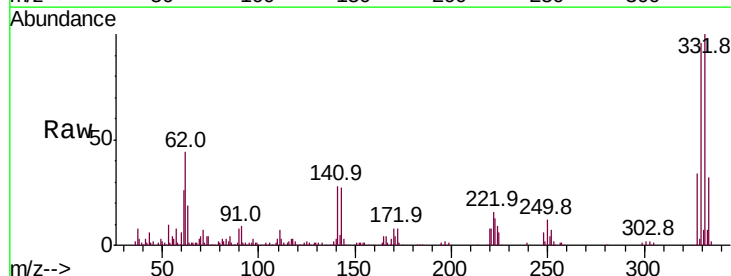
Tgt Ion:248 Resp: 14966

Ion Ratio Lower Upper

248 100

250 204.4 77.4 116.2#

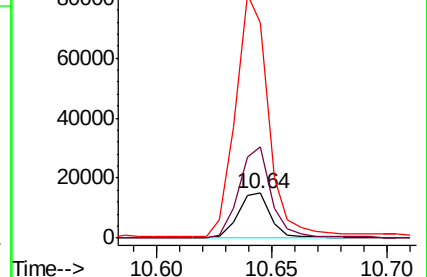
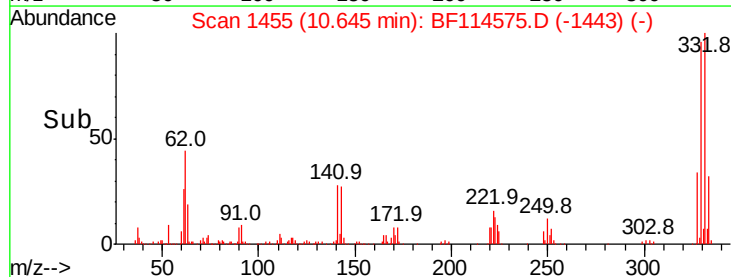
141 480.2 55.6 83.4#

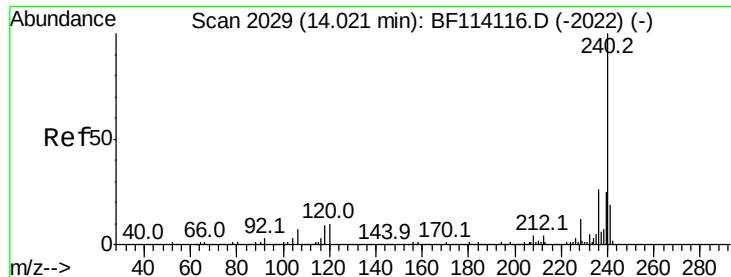


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

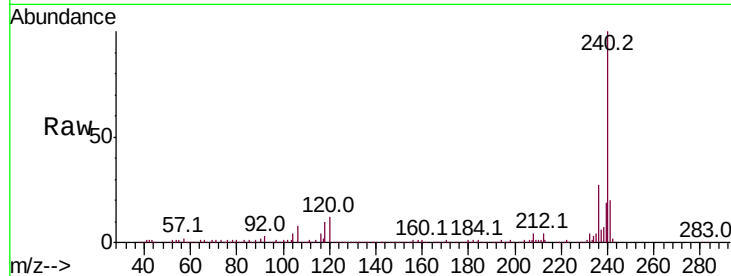
Tot Ion:240 Resp: 458085

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

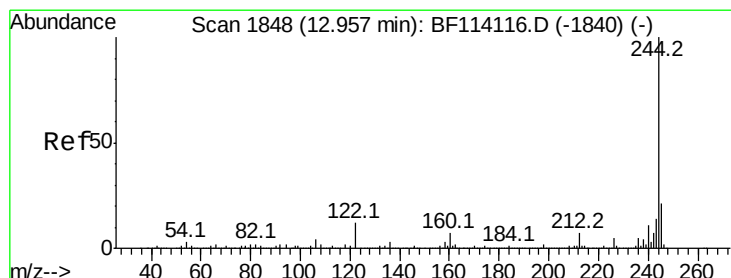
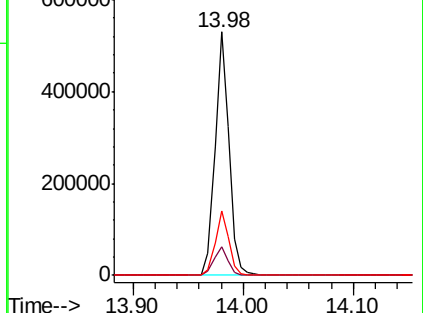
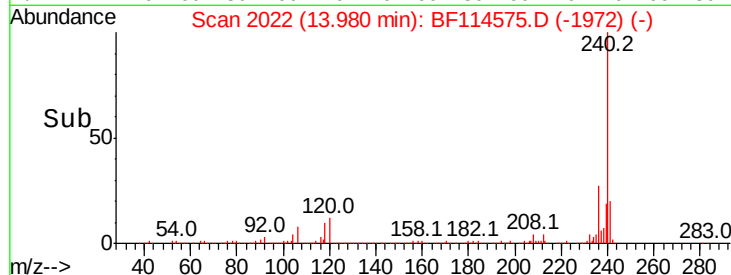
236 26.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 74.742 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

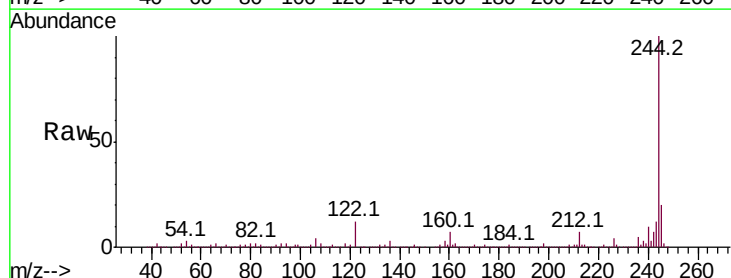
Tgt Ion:244 Resp: 1660884

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

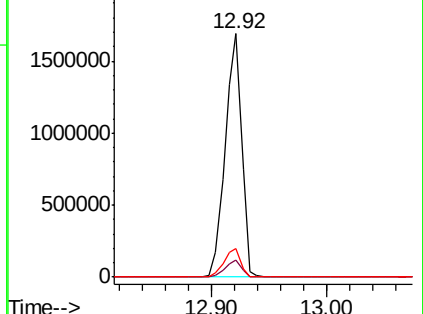
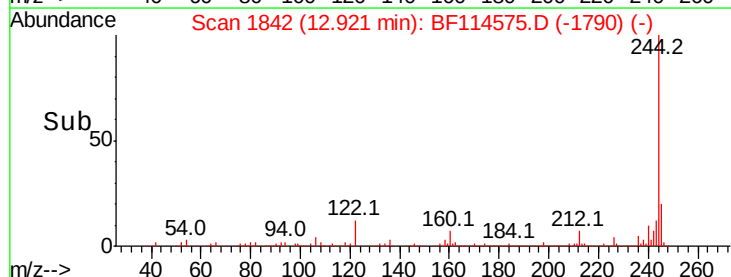
122 11.8 9.4 14.2

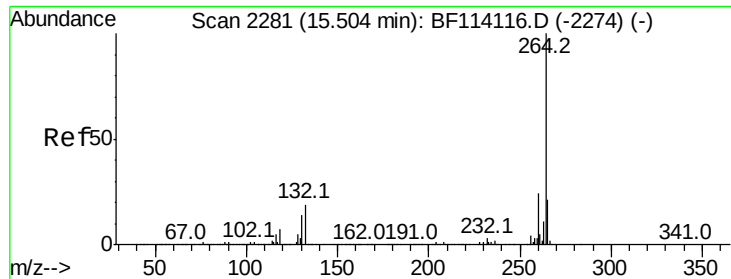


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion: 264 Resp: 435560

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.5	16.9	25.3

