

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114581.D
 Acq On : 24 May 2019 20:32
 Operator : JU/SJ
 Sample : K2994-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: May 24 22:37:30 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	150915	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	579144	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	274353	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	575589	20.00	ng	0.00
76) Chrysene-d12	13.98	240	411013	20.00	ng	0.00
87) Perylene-d12	15.44	264	388226	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	573665	61.17	ng	0.00
7) Phenol-d6	6.46	99	487720	43.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	864033	83.73	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	341646	120.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1508089	83.15	ng	0.00
79) Terphenyl-d14	12.92	244	1688773	84.70	ng	0.00

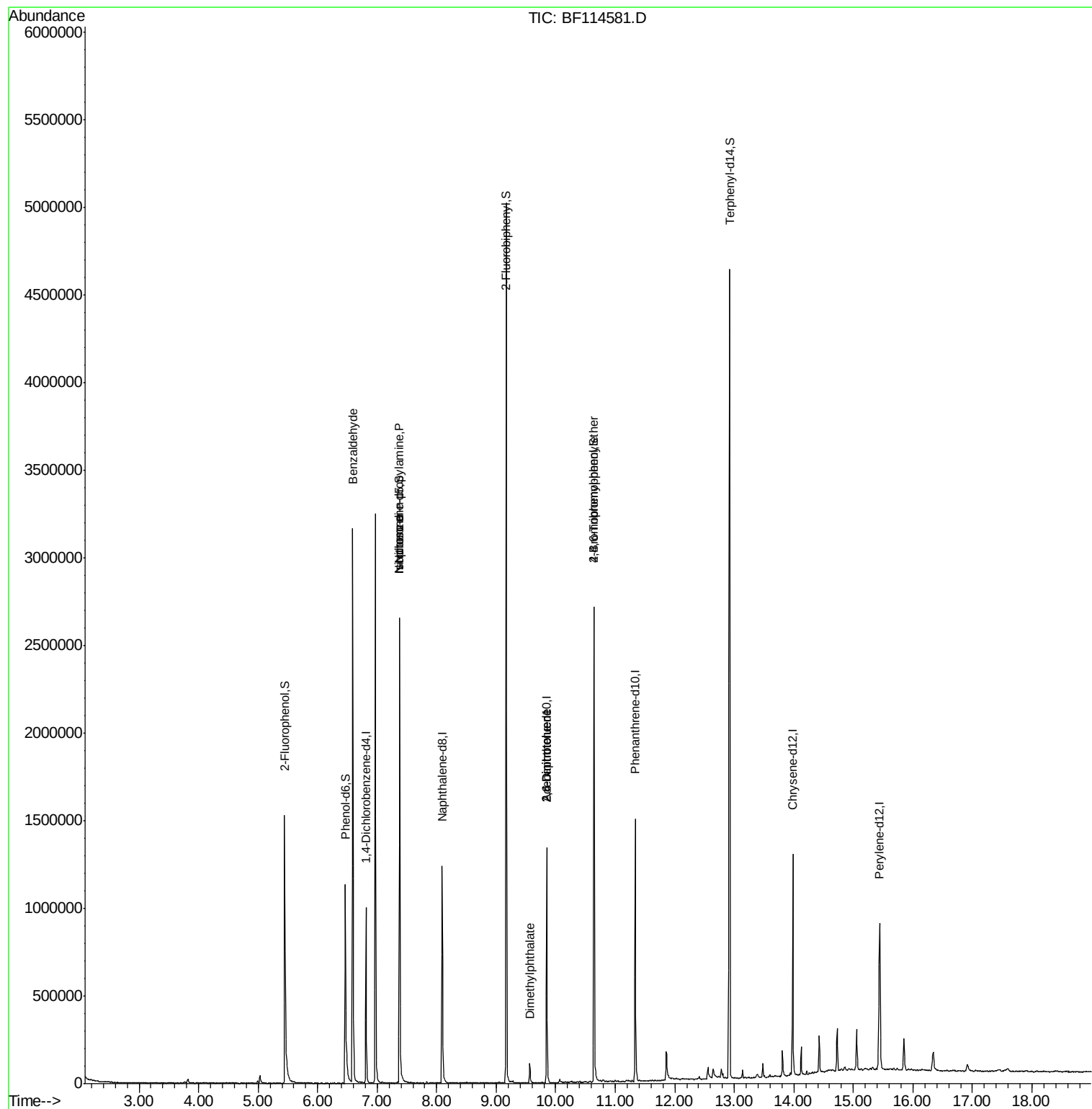
Target Compounds				Qvalue		
9) Benzaldehyde	6.59	77	20481	2.638	ng	# 75
19) n-Nitroso-di-n-propylamine	7.37	70	113297	16.115	ng	# 75
25) Isophorone	7.37	82	864025	45.145	ng	# 64
50) Dimethylphthalate	9.56	163	45078	2.238	ng	97
51) 2,6-Dinitrotoluene	9.85	165	34862	7.804	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	34862	5.750	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	22695	3.581	ng	# 1

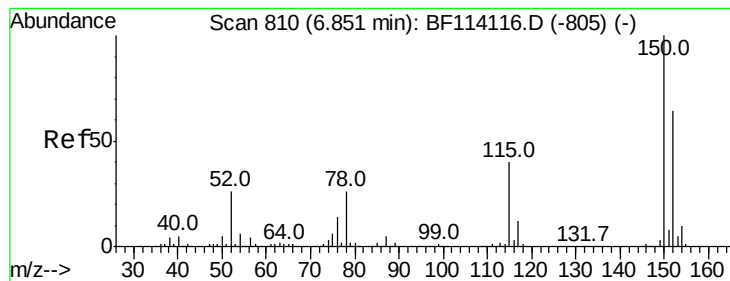
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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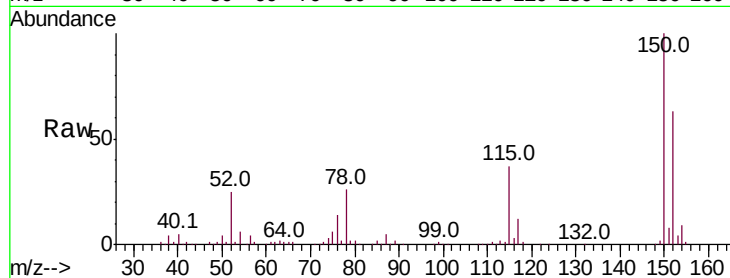


#1

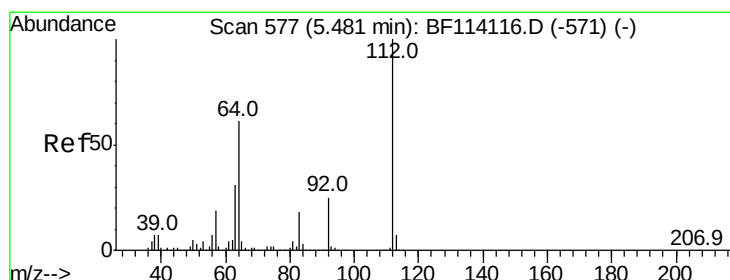
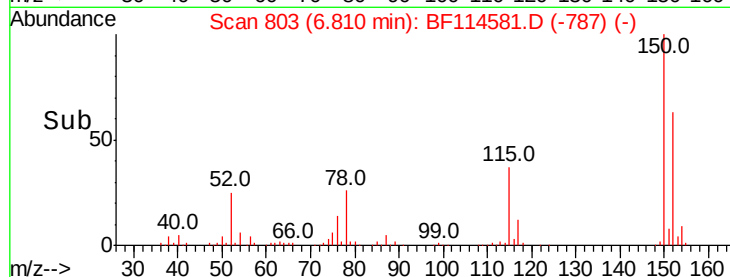
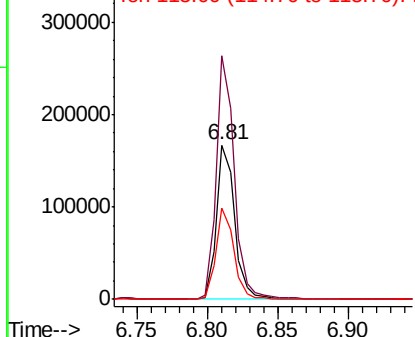
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 150915
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 59.1 49.1 73.7



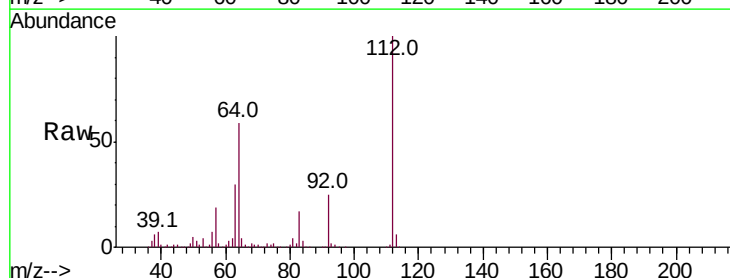
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



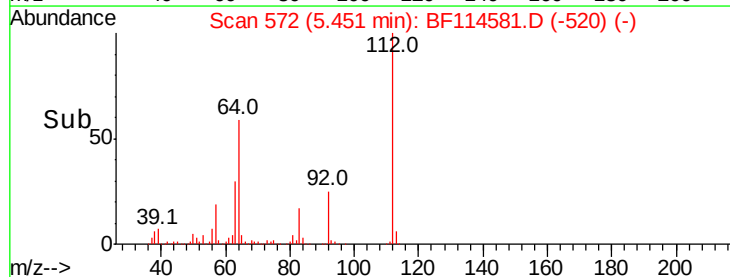
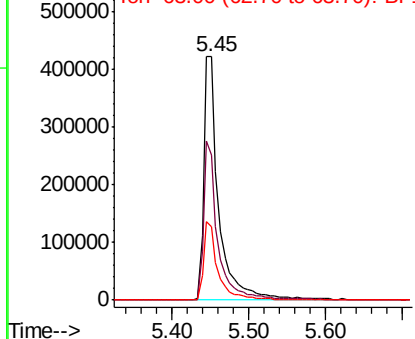
#5

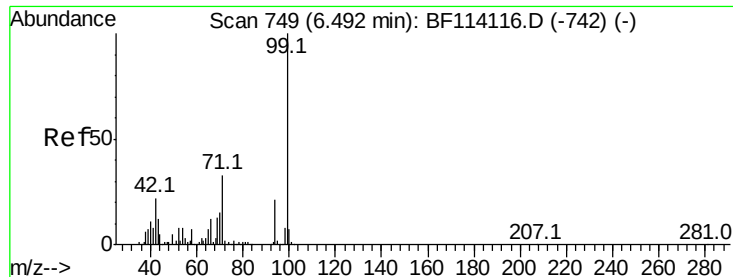
2-Fluorophenol
Concen: 61.172 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

Tgt Ion:112 Resp: 573665
Ion Ratio Lower Upper
112 100
64 59.4 49.0 73.6
63 30.0 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: 43.972 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

Instrument :

BNA_F

ClientSampled :

TP-7

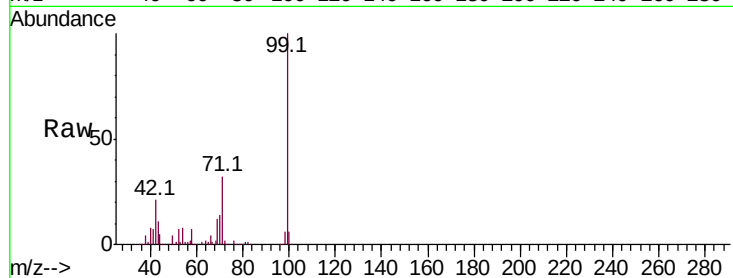
Tot Ion: 99 Resp: 487720

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

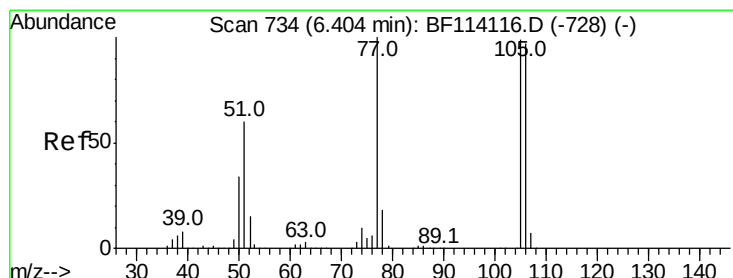
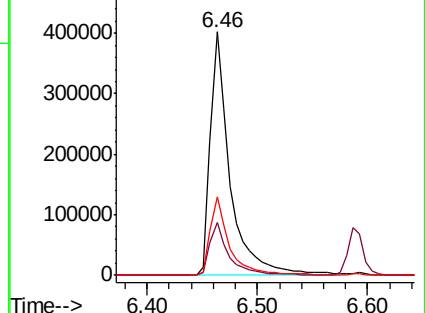
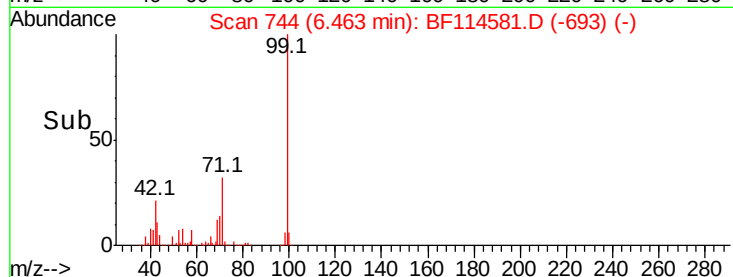
71 32.1 26.2 39.2



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



#9

Benzaldehyde

Concen: 2.638 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.22 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

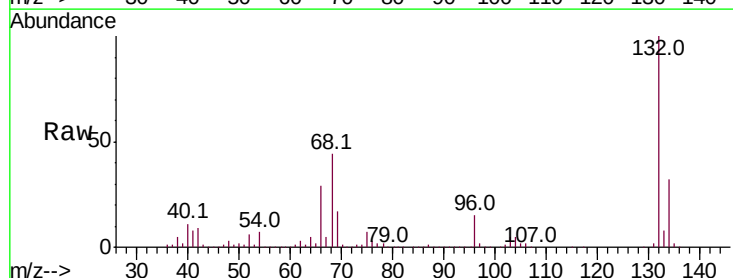
Tgt Ion: 77 Resp: 20481

Ion Ratio Lower Upper

77 100

105 78.2 79.3 119.3#

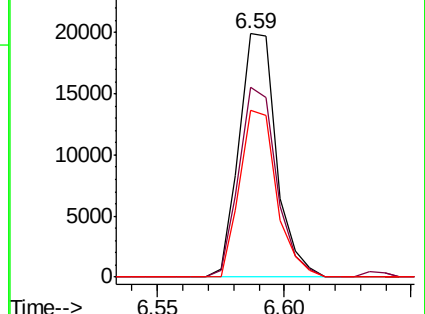
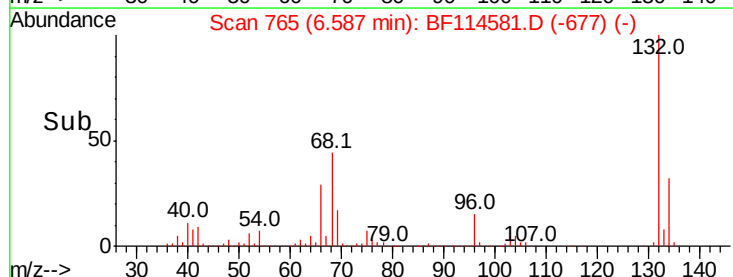
106 68.8 77.0 117.0#

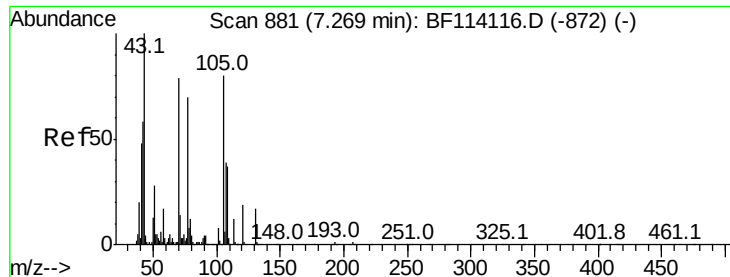


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

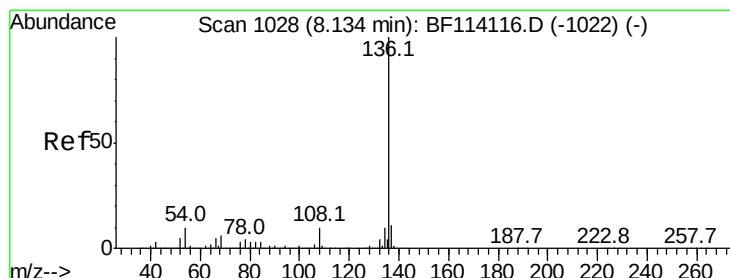
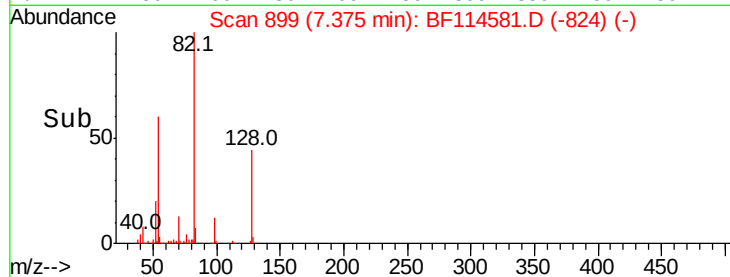
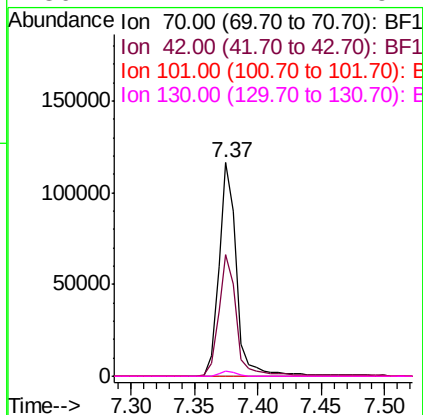
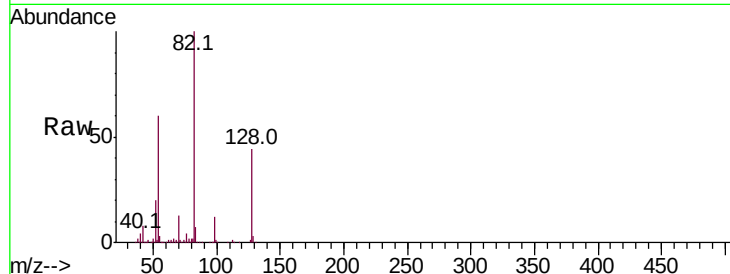




#19
n-Nitroso-di-n-propylamine
Concen: 16.115 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

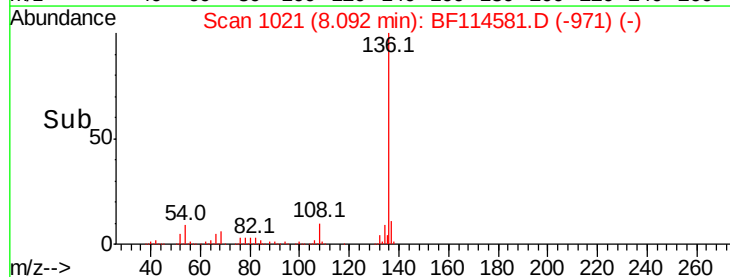
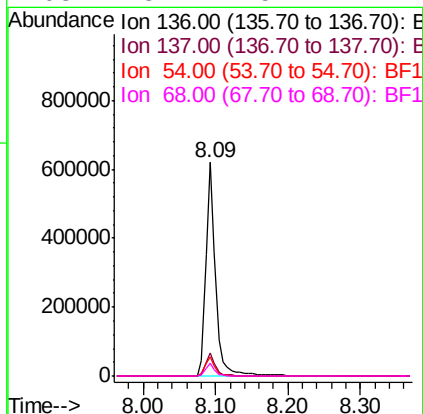
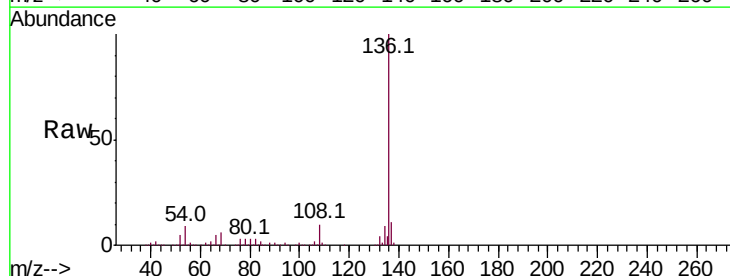
Instrument :
BNA_F
ClientSampleId :
TP-7

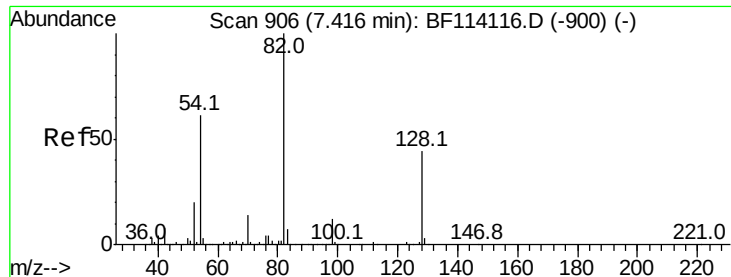
Tot Ion: 70 Resp: 113297
Ion Ratio Lower Upper
70 100
42 56.8 58.6 87.8#
101 0.0 7.8 11.8#
130 2.1 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

Tgt Ion: 136 Resp: 579144
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.1 7.8 11.8
68 5.7 5.1 7.7

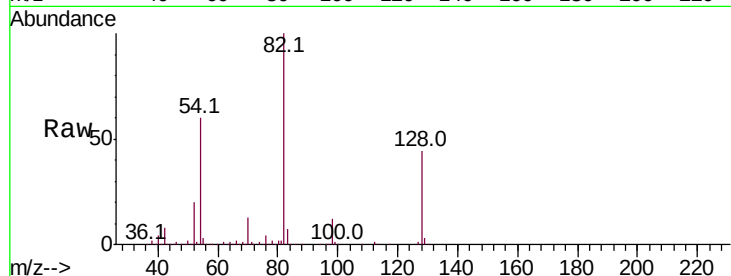




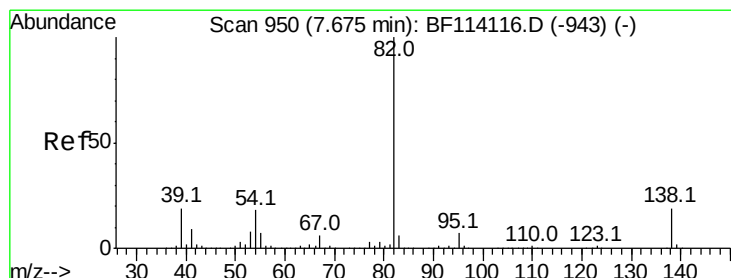
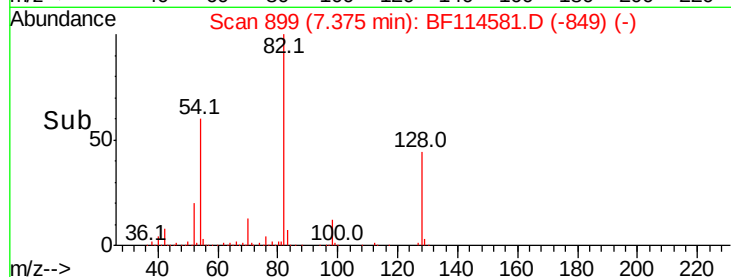
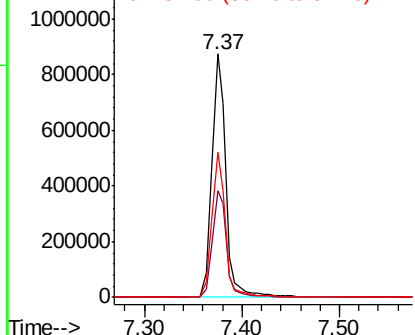
#23
 Nitrobenzene-d5
 Concen: 83.726 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion: 82 Resp: 864033
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.5 53.3
 54 59.7 48.5 72.7

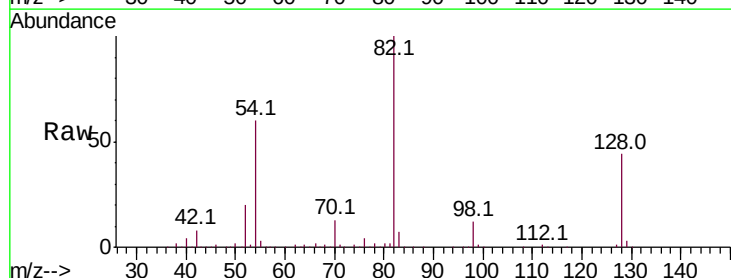


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

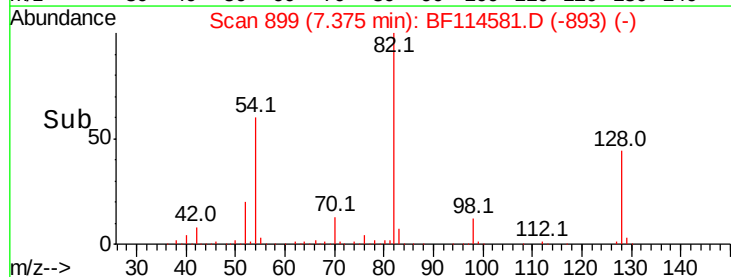
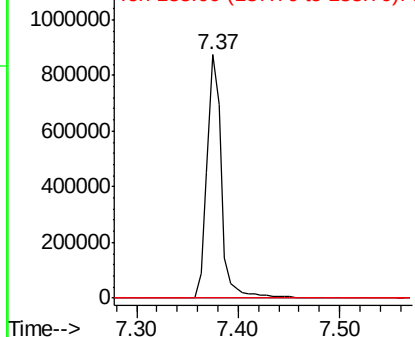


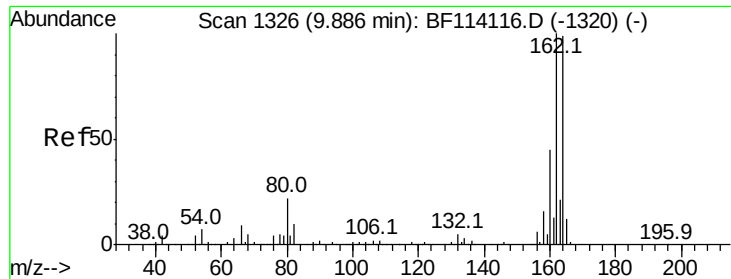
#25
 Isophorone
 Concen: 45.145 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Tgt Ion: 82 Resp: 864025
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.8 22.2#



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

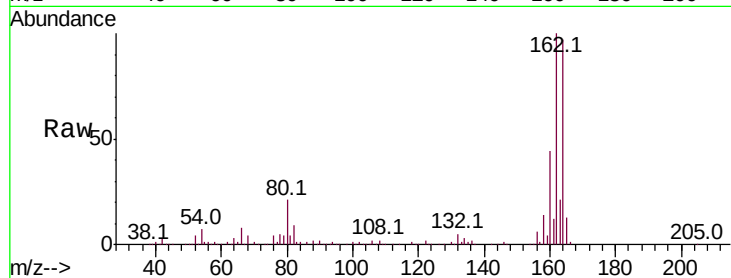




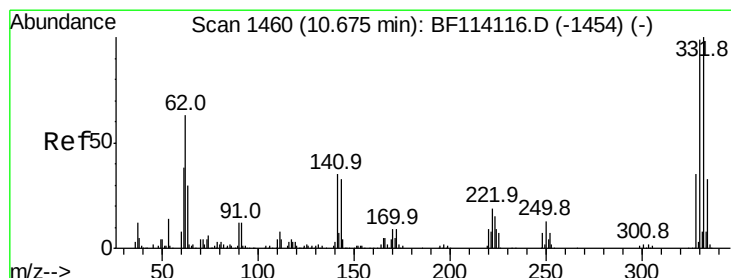
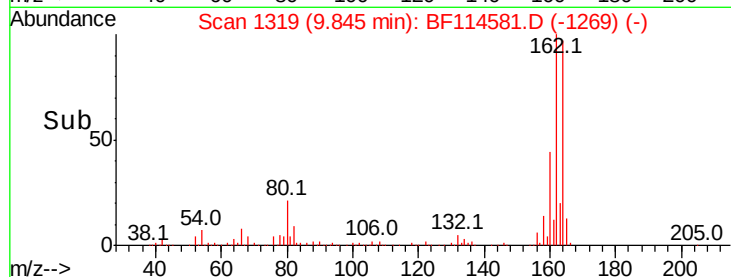
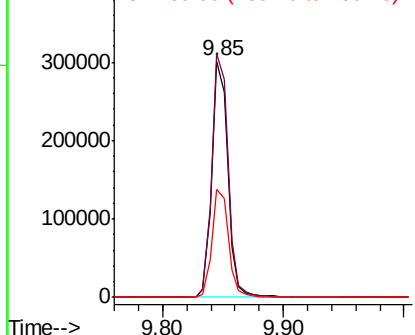
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion:164 Resp: 274353
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.6 120.8
 160 45.6 36.5 54.7

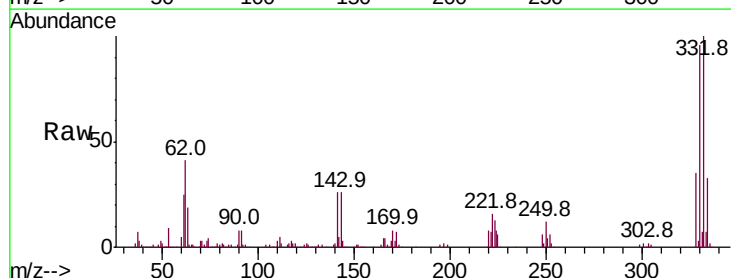


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

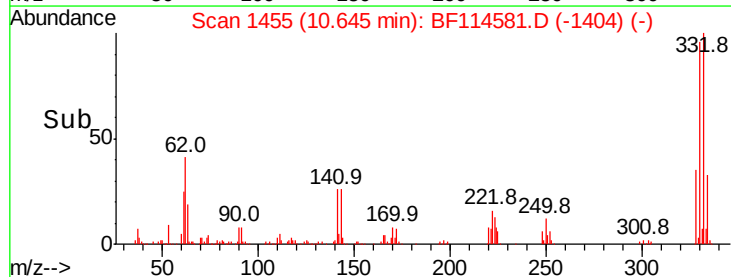
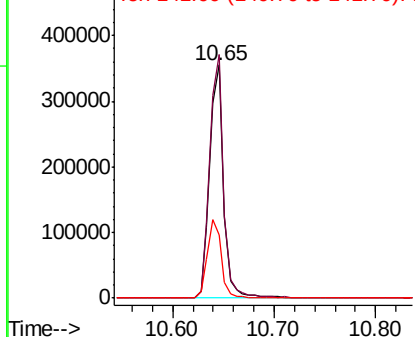


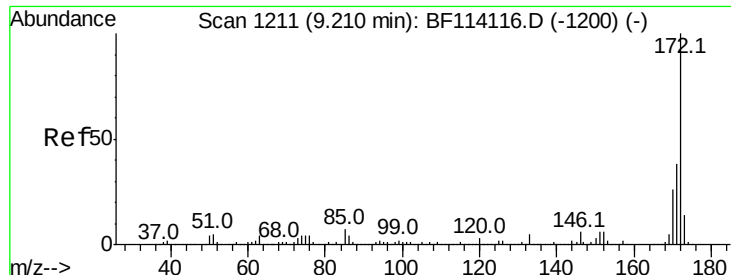
#42
 2,4,6-Tribromophenol
 Concen: 120.453 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Tgt Ion:330 Resp: 341646
 Ion Ratio Lower Upper
 330 100
 332 104.0 81.4 122.2
 141 33.9 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

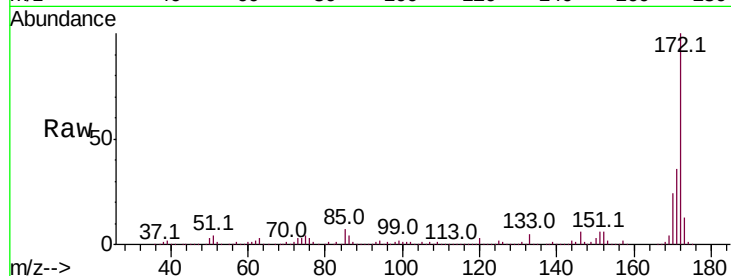




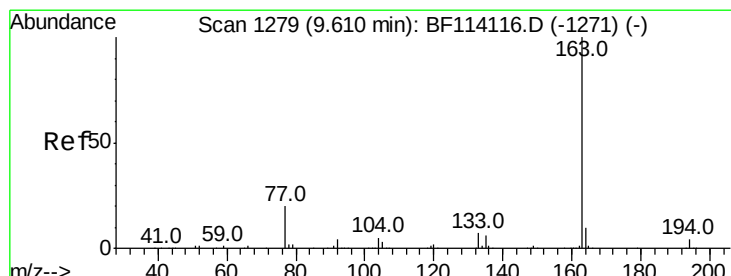
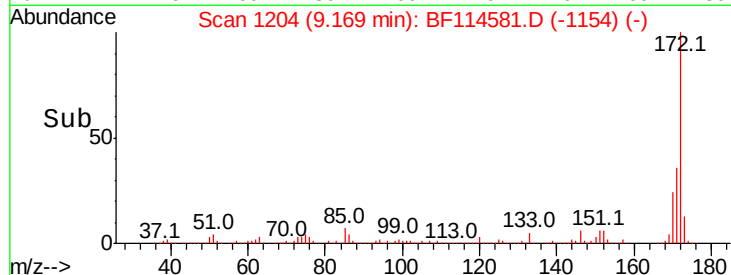
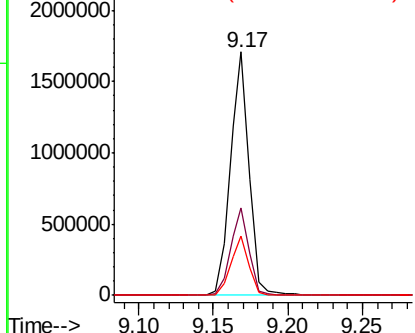
#45
 2-Fluorobiphenyl
 Concen: 83.150 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:172 Resp: 1508089
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.7 46.1
 170 24.4 20.5 30.7

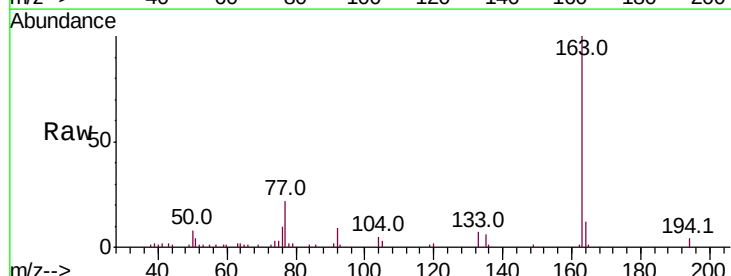


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

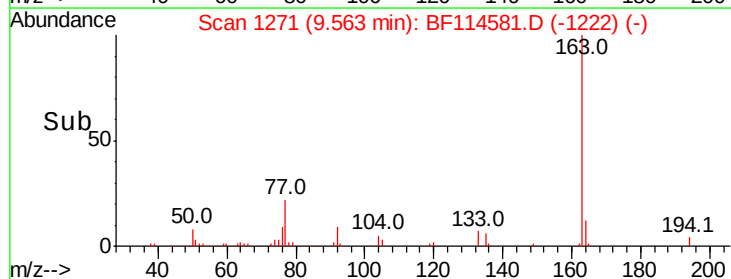
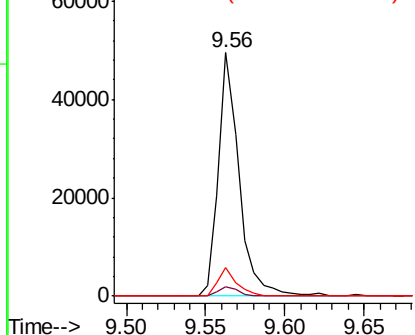


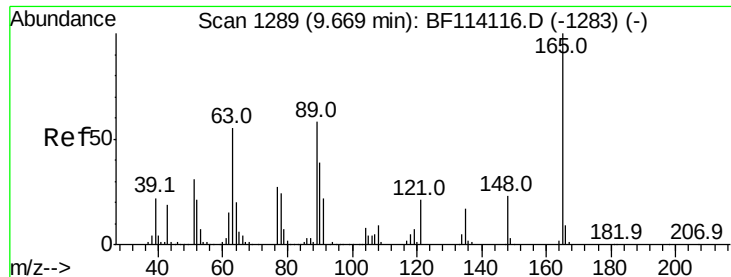
#50
 Dimethylphthalate
 Concen: 2.238 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Tgt Ion:163 Resp: 45078
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 11.7 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: 7.804 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

Instrument :

BNA_F

ClientSampled :

TP-7

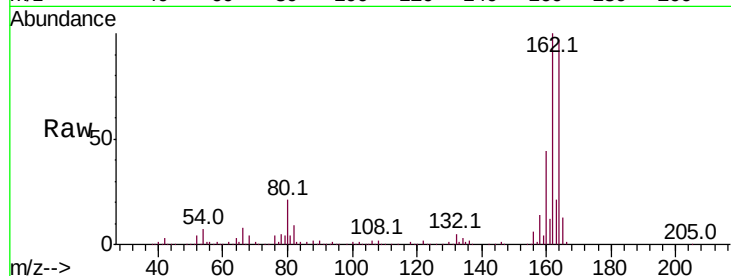
Tot Ion:165 Resp: 34862

Ion Ratio Lower Upper

165 100

63 1.0 50.2 75.4#

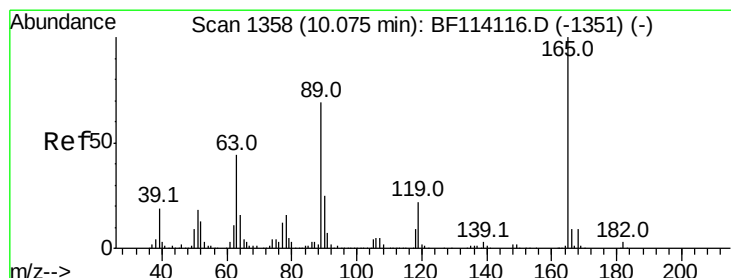
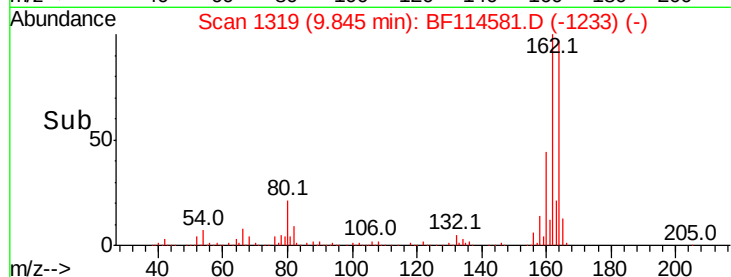
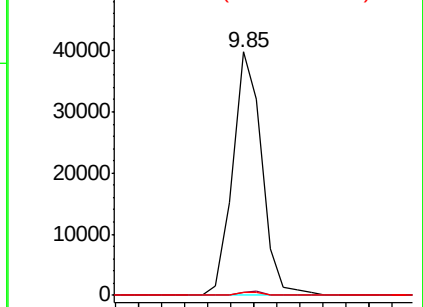
89 1.5 46.6 69.8#



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: 5.750 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

Tgt Ion:165 Resp: 34862

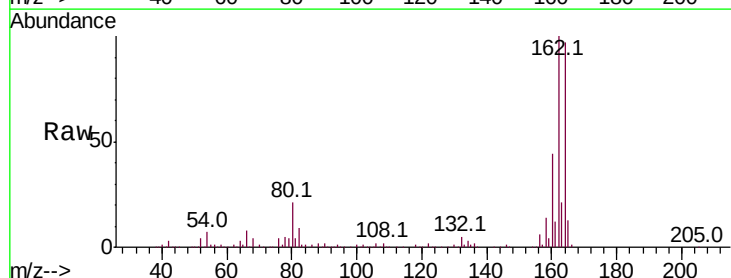
Ion Ratio Lower Upper

165 100

63 1.0 35.5 53.3#

89 1.5 55.2 82.8#

182 0.0 2.2 3.2#

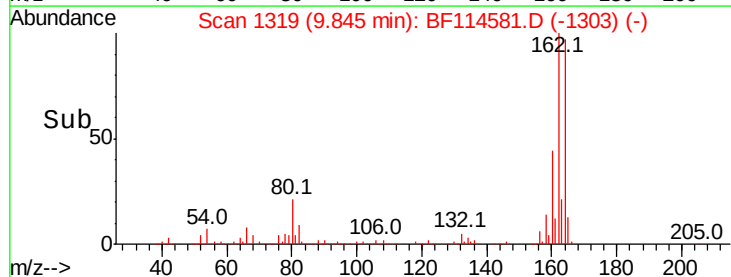
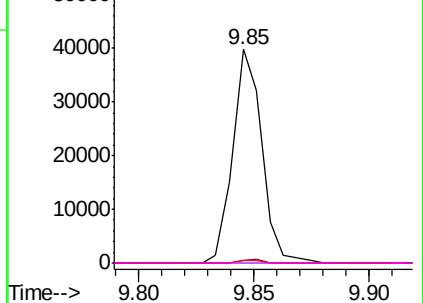


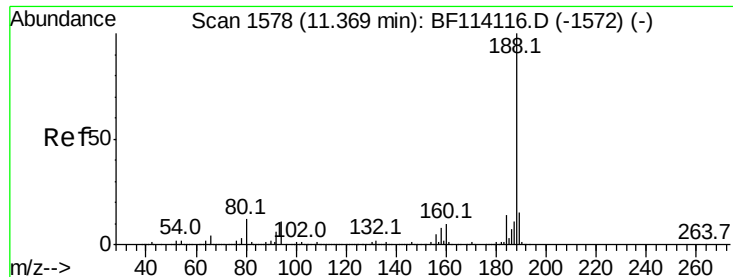
Abundance Ion 165.00 (164.70 to 165.70): E

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): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

Instrument :

BNA_F

ClientSampleId :

TP-7

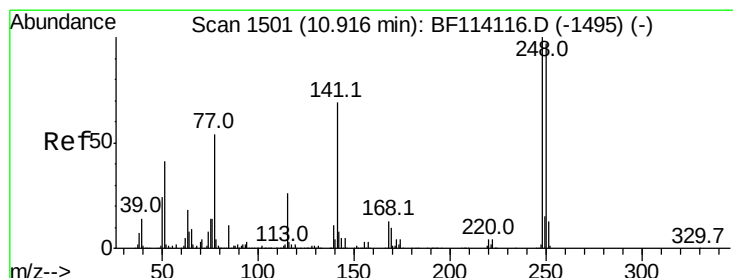
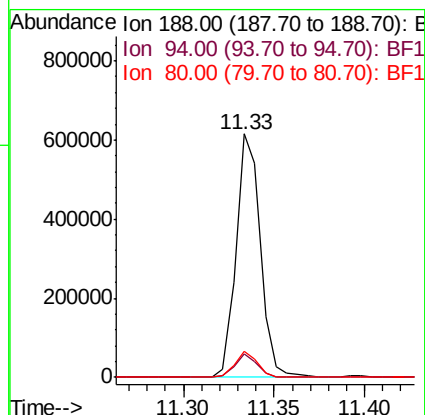
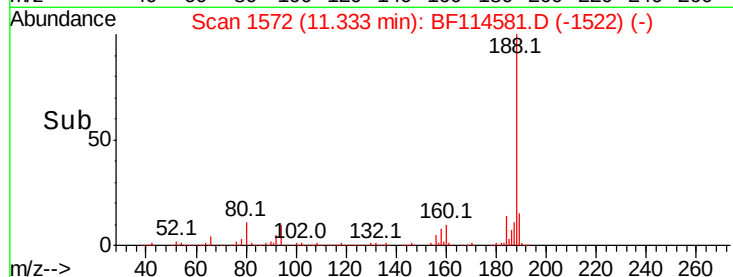
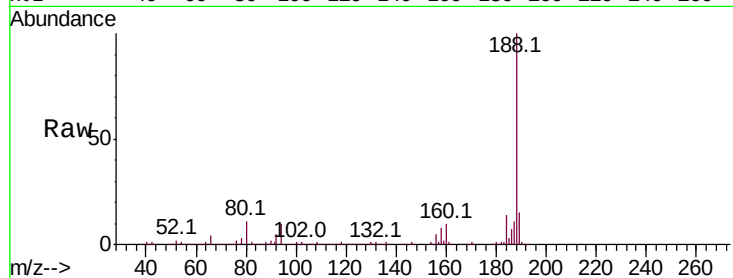
Tot Ion:188 Resp: 575589

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

80 10.7 9.2 13.8



#67

4-Bromophenyl-phenylether

Concen: 3.581 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.23 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

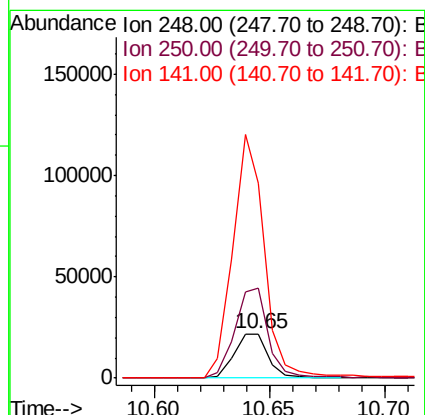
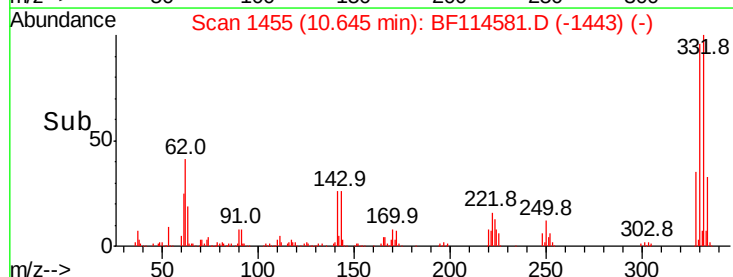
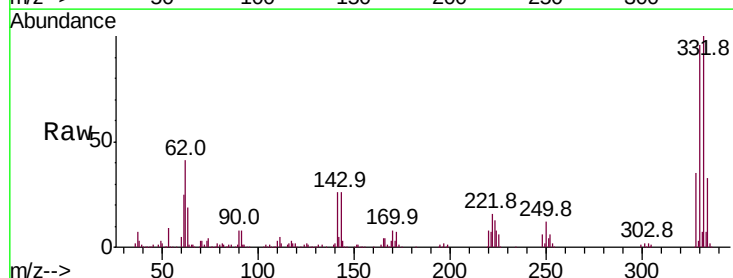
Tgt Ion:248 Resp: 22695

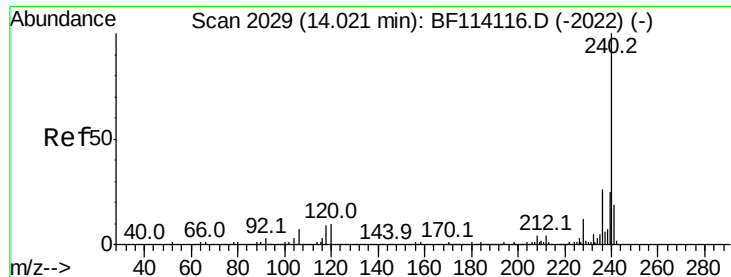
Ion Ratio Lower Upper

248 100

250 204.1 77.4 116.2#

141 439.4 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

Instrument :

BNA_F

ClientSampleId :

TP-7

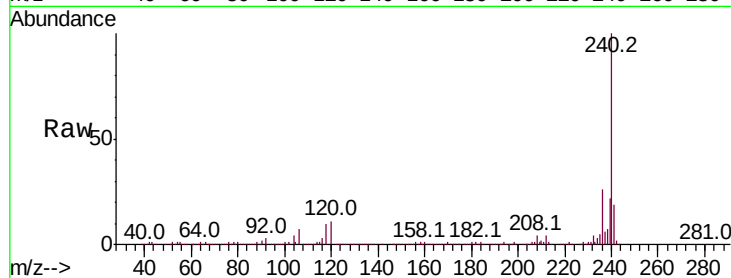
Tot Ion:240 Resp: 411013

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

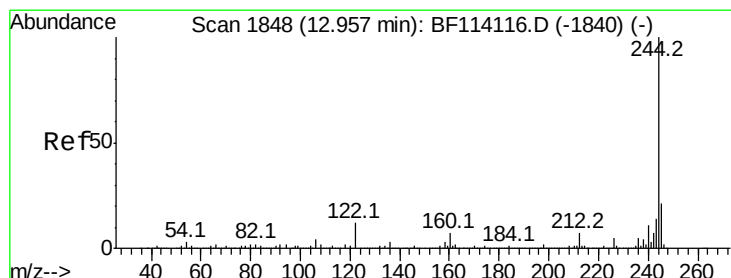
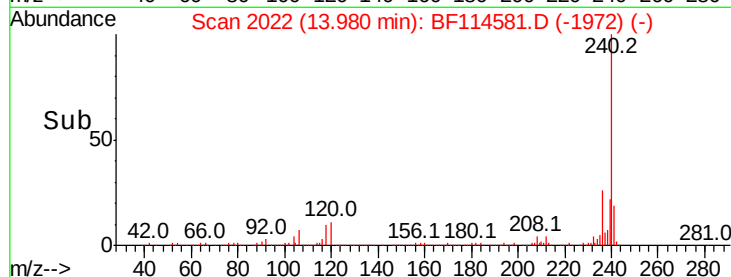
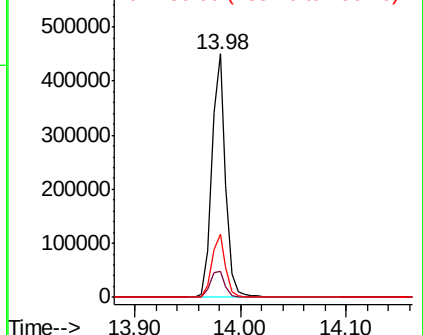
236 25.7 20.8 31.2



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: 84.700 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

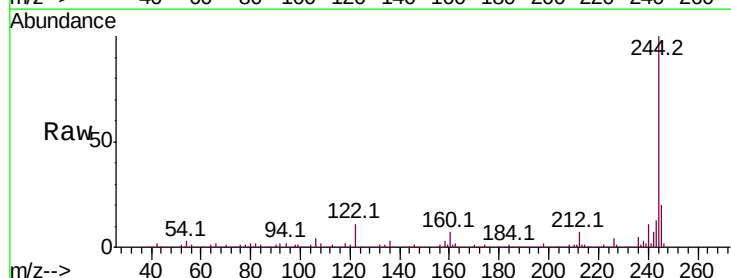
Tgt Ion:244 Resp: 1688773

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

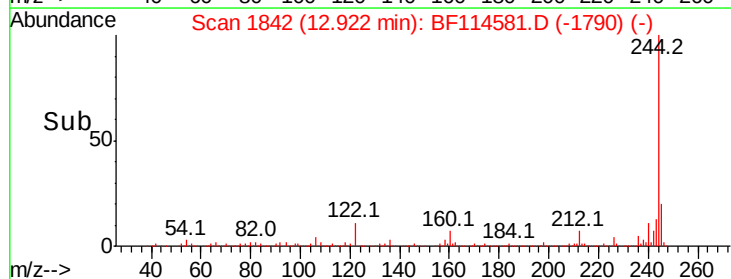
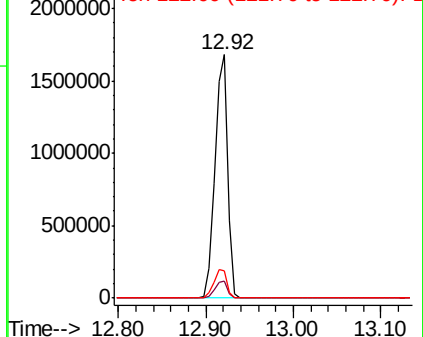
122 11.5 9.4 14.2

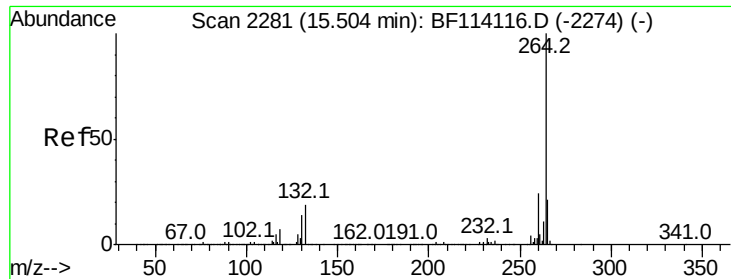


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.8	16.9	25.3

