

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114580.D
 Acq On : 24 May 2019 20:05
 Operator : JU/SJ
 Sample : K2970-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: May 24 22:37:21 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

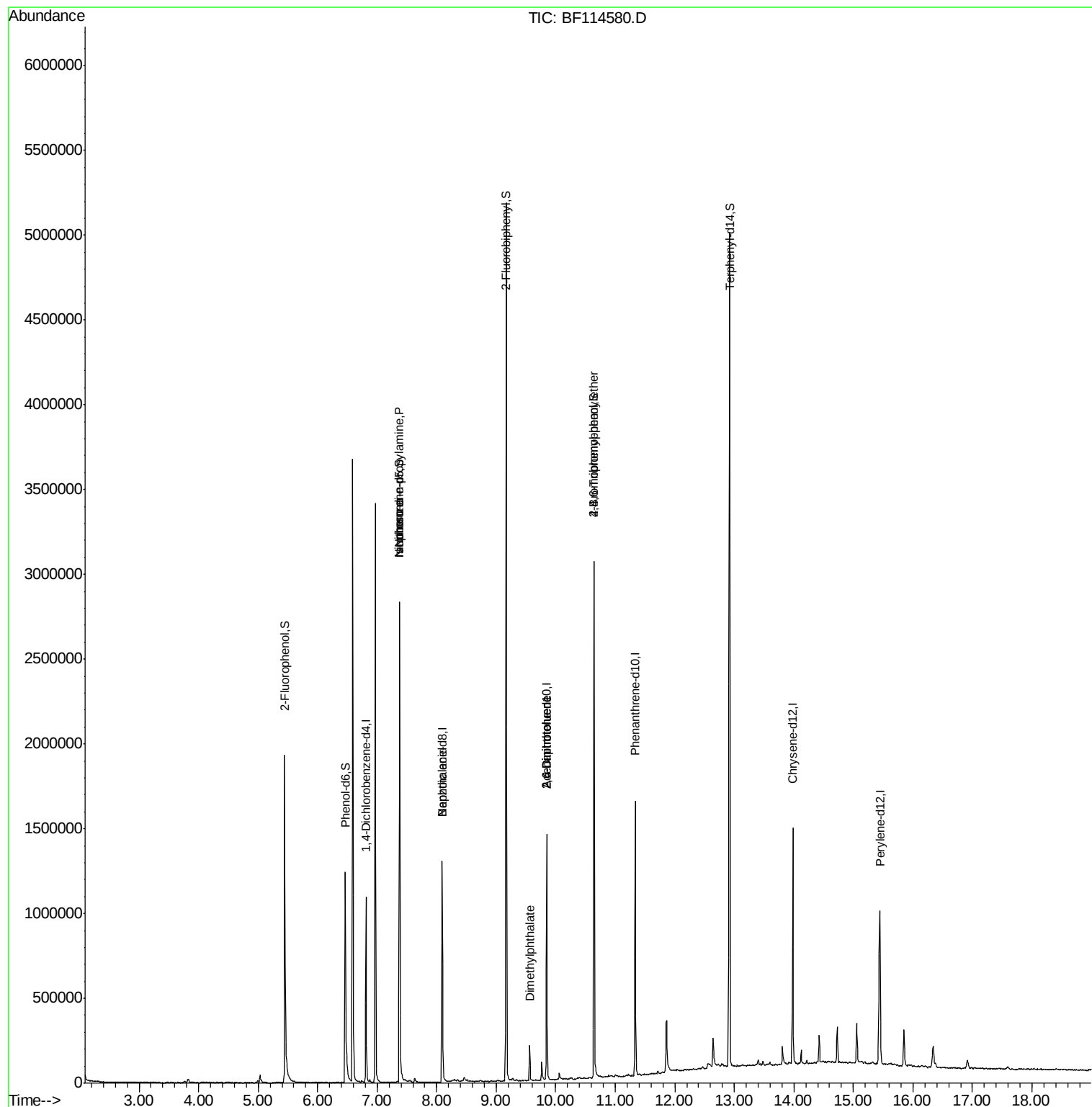
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157379	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	605531	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	289563	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	595807	20.00	ng	0.00
76) Chrysene-d12	13.98	240	451726	20.00	ng	0.00
87) Perylene-d12	15.44	264	438524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	645861	66.04	ng	0.00
7) Phenol-d6	6.46	99	549933	47.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	940523	87.17	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	396668	132.51	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1634025	85.36	ng	0.00
79) Terphenyl-d14	12.92	244	1770727	80.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	126438	17.246	ng	# 77
25) Isophorone	7.37	82	940518	47.000	ng	# 64
32) Benzoic acid	8.09	122	130	7.039	ng	# 1
50) Dimethylphthalate	9.56	163	83975	3.951	ng	99
51) 2,6-Dinitrotoluene	9.85	165	37702	7.997	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	37702	5.892	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	24916	3.798	ng	# 1

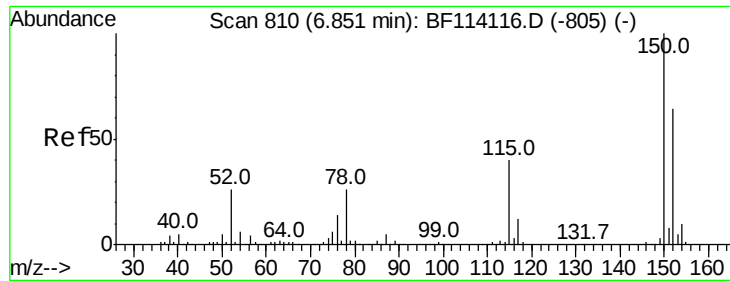
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



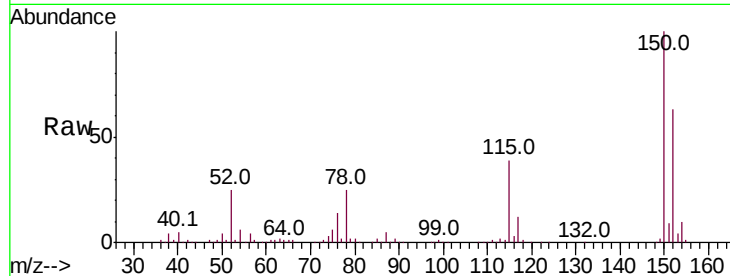


#1

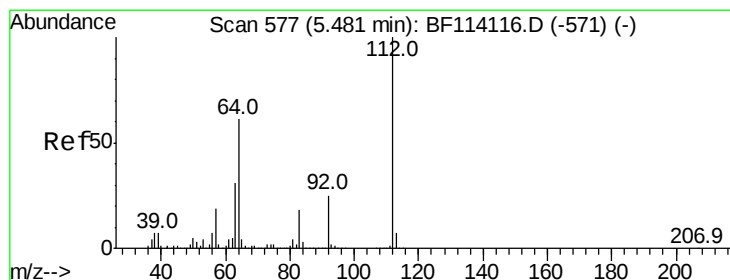
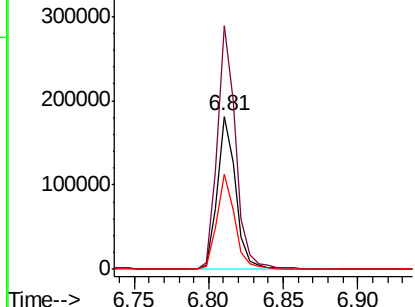
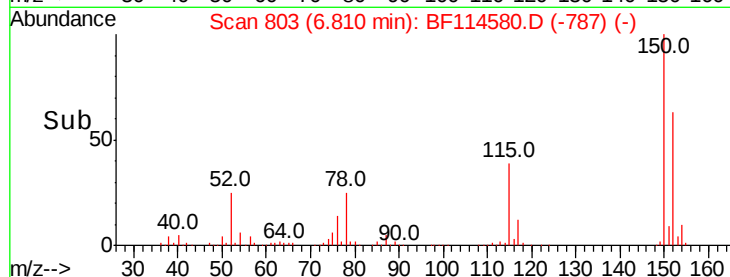
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114580.D
Acq: 24 May 2019 20:05

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion:152 Resp: 157379
Ion Ratio Lower Upper
152 100
150 159.0 124.3 186.5
115 62.3 49.1 73.7



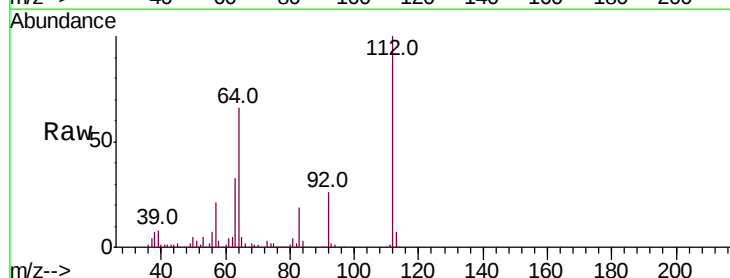
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



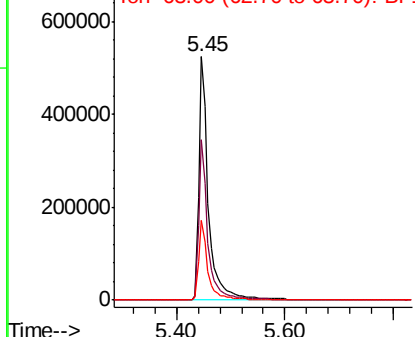
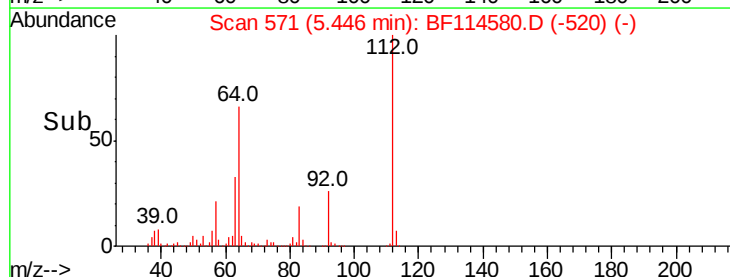
#5

2-Fluorophenol
Concen: 66.042 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF114580.D
Acq: 24 May 2019 20:05

Tgt Ion:112 Resp: 645861
Ion Ratio Lower Upper
112 100
64 66.1 49.0 73.6
63 32.8 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: 47.545 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

Instrument :

BNA_F

ClientSampled :

TP-10

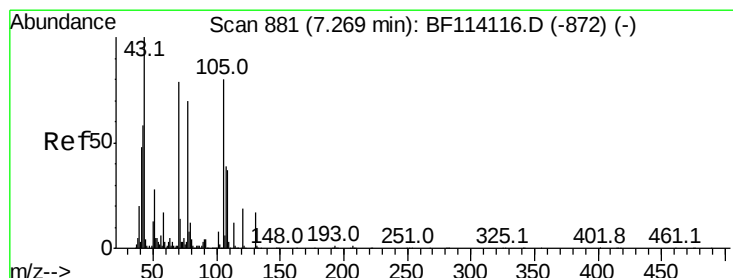
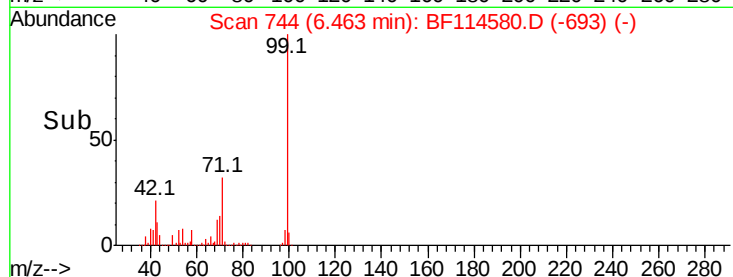
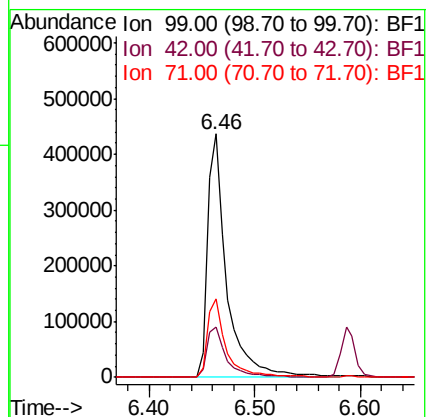
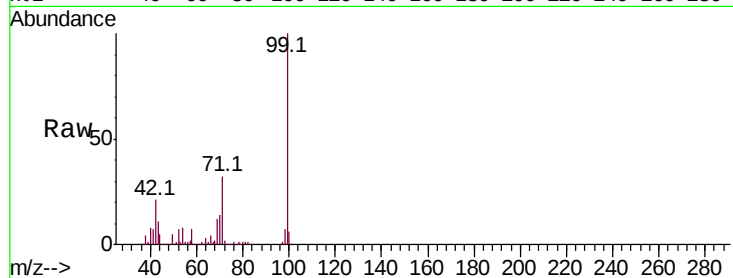
Tot Ion: 99 Resp: 549933

Ion Ratio Lower Upper

99 100

42 20.8 17.9 26.9

71 32.3 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.246 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

Tgt Ion: 70 Resp: 126438

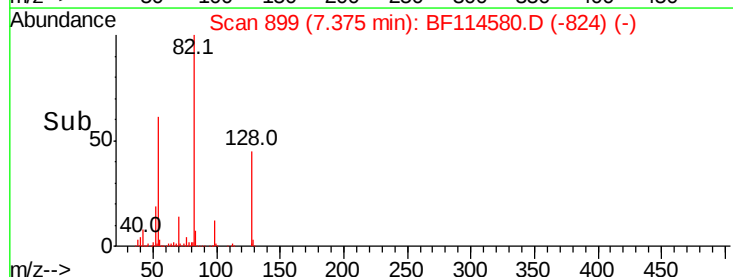
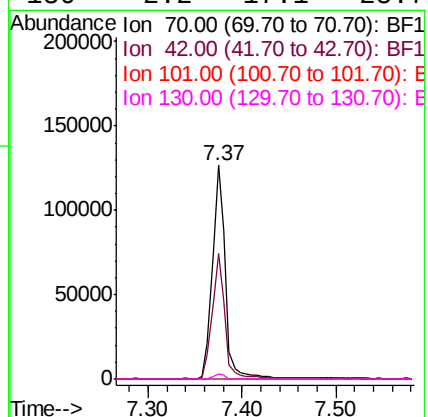
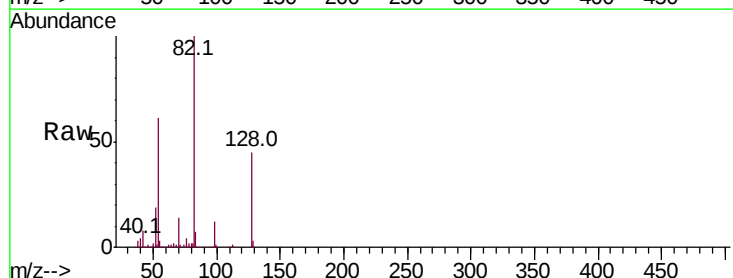
Ion Ratio Lower Upper

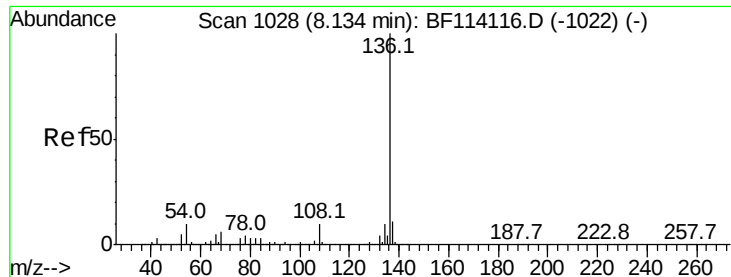
70 100

42 58.8 58.6 87.8

101 0.0 7.8 11.8#

130 2.2 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: BF114580.D

Acq: 24 May 2019 20:05

Instrument :

BNA_F

ClientSampleId :

TP-10

Tot Ion:136 Resp: 605531

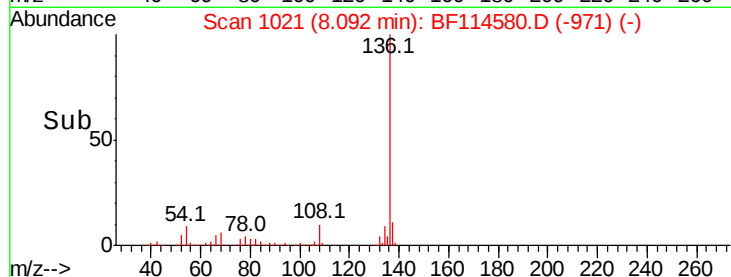
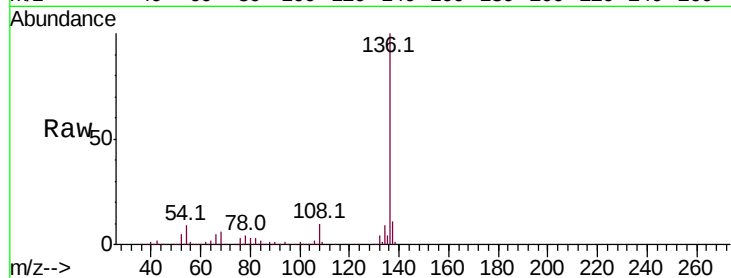
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.0 7.8 11.8

68 5.9 5.1 7.7

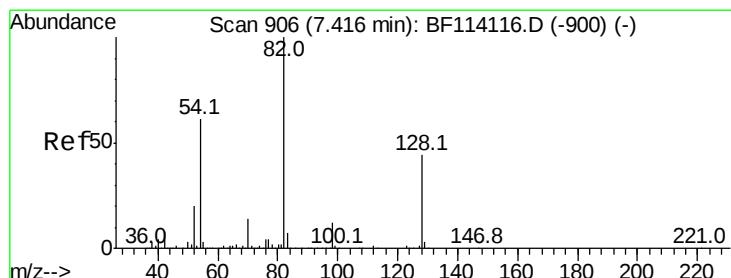
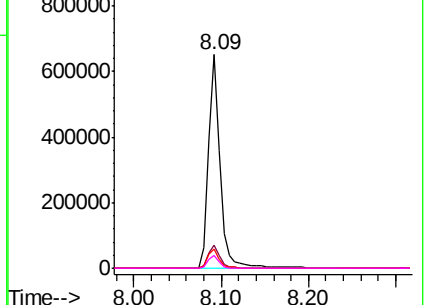


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.167 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

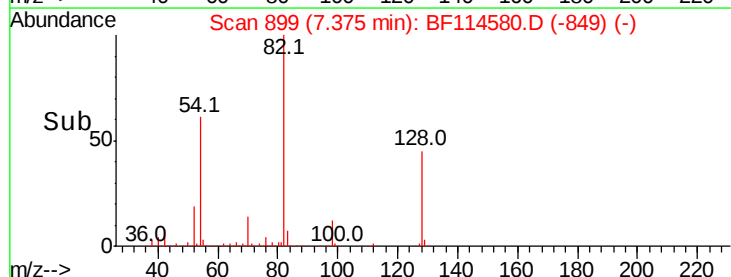
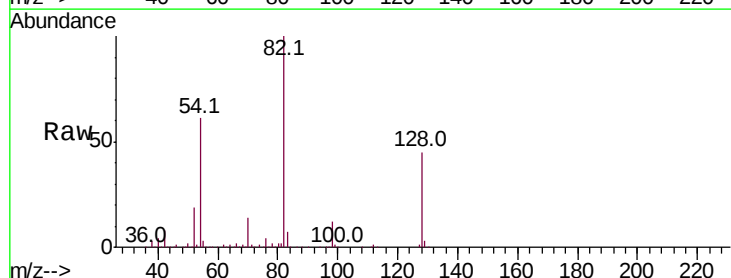
Tgt Ion: 82 Resp: 940523

Ion Ratio Lower Upper

82 100

128 45.1 35.5 53.3

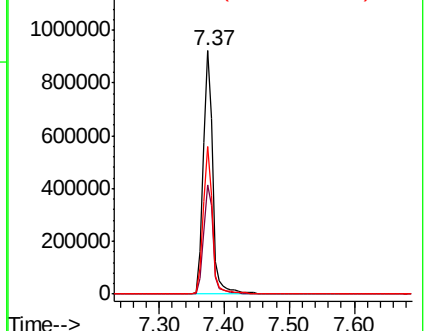
54 60.5 48.5 72.7



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: 47.000 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

Instrument :

BNA_F

ClientSampleId :

TP-10

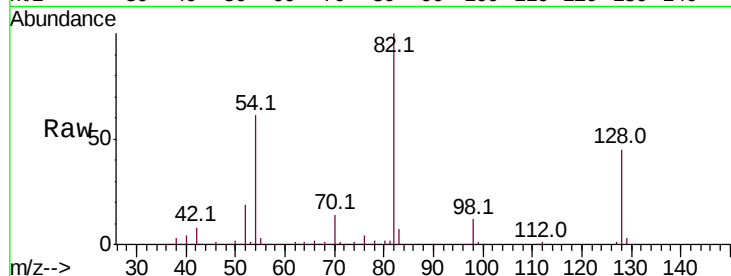
Tot Ion: 82 Resp: 940518

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

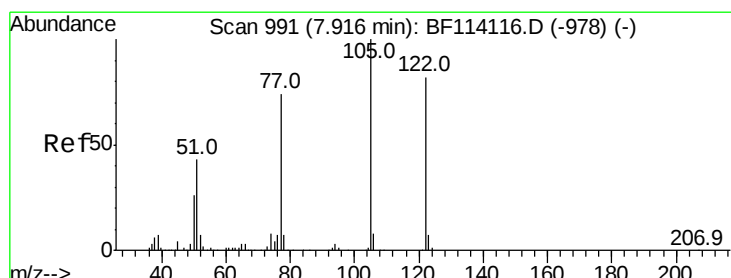
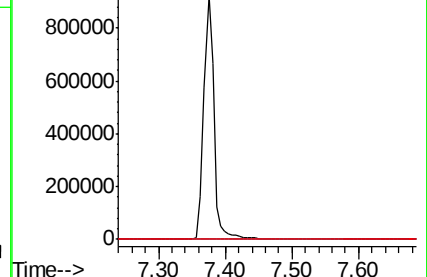
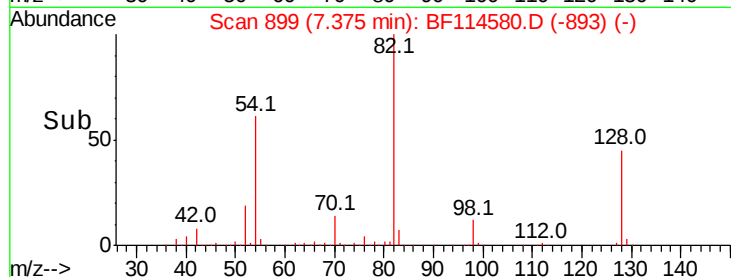
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.039 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.18 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

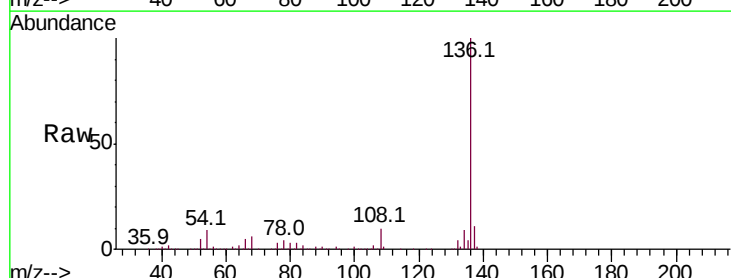
Tgt Ion:122 Resp: 130

Ion Ratio Lower Upper

122 100

105 162.4 99.9 139.9#

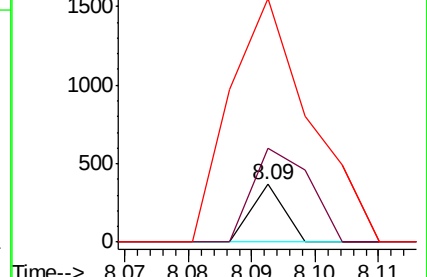
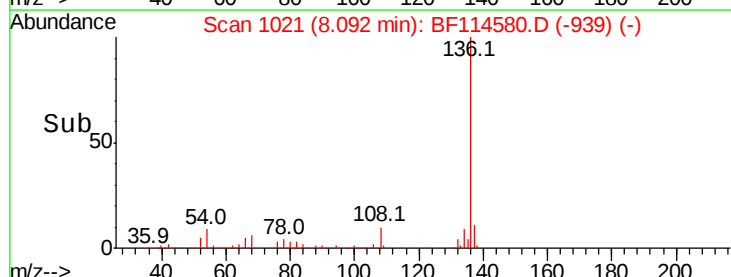
77 422.9 69.4 109.4#

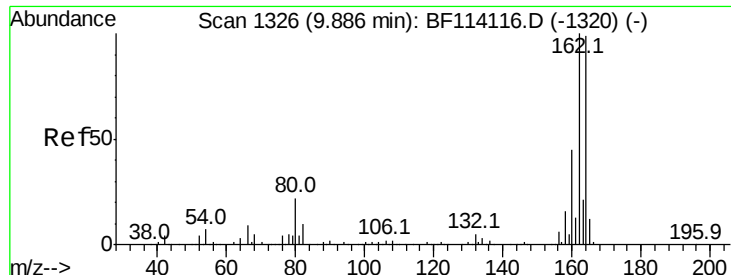


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

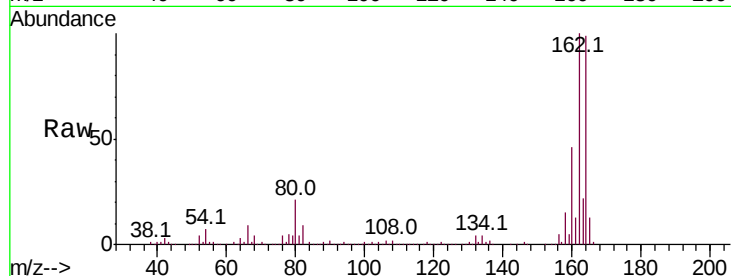




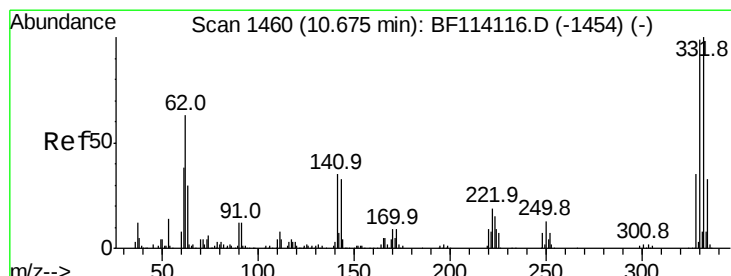
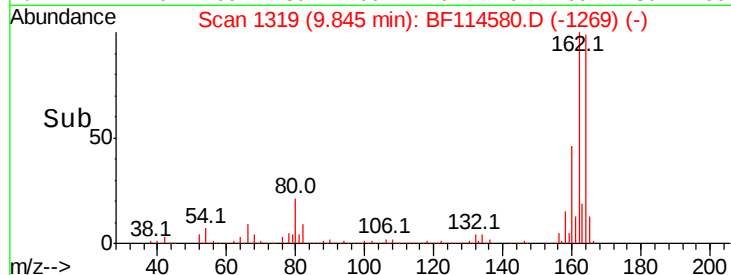
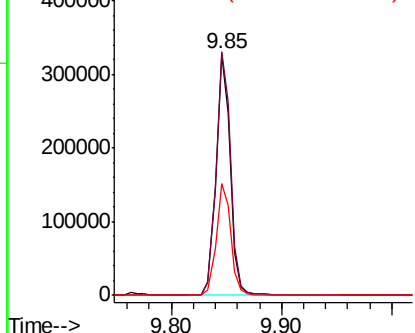
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114580.D
Acq: 24 May 2019 20:05

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:164 Resp: 289563
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 46.4 36.5 54.7

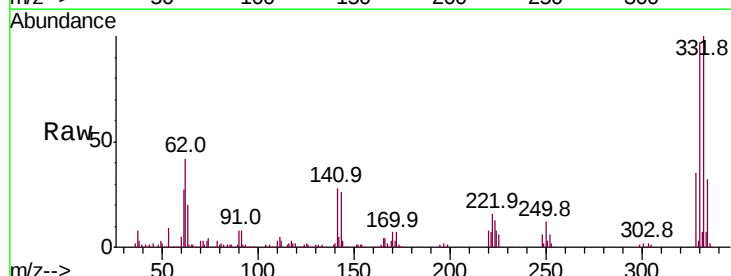


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

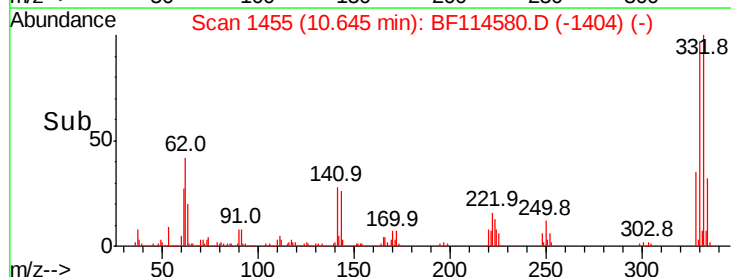
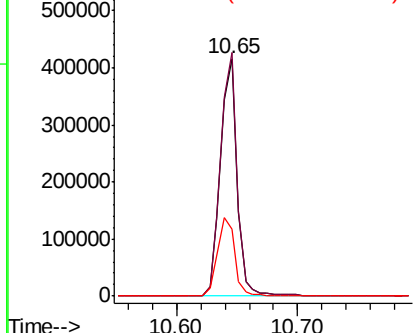


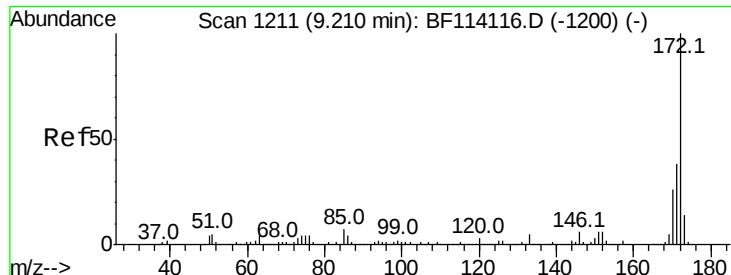
#42
2,4,6-Tribromophenol
Concen: 132.506 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF114580.D
Acq: 24 May 2019 20:05

Tgt Ion:330 Resp: 396668
Ion Ratio Lower Upper
330 100
332 102.1 81.4 122.2
141 34.3 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



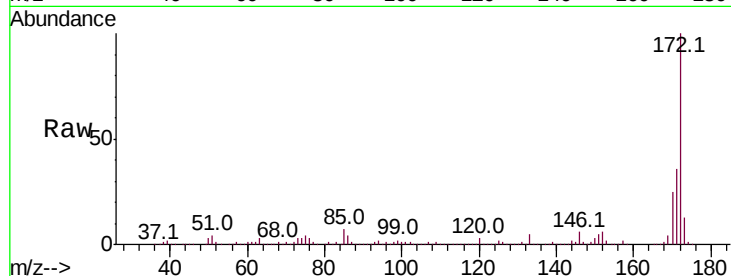


#45
 2-Fluorobiphenyl
 Concen: 85.361 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

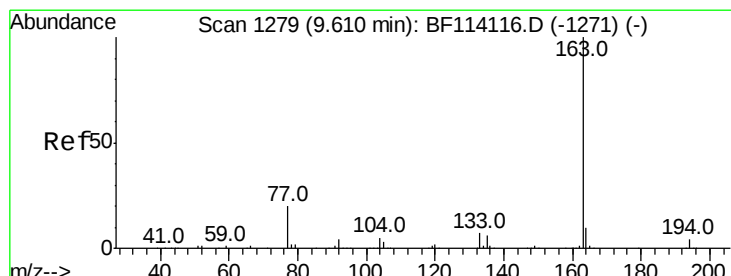
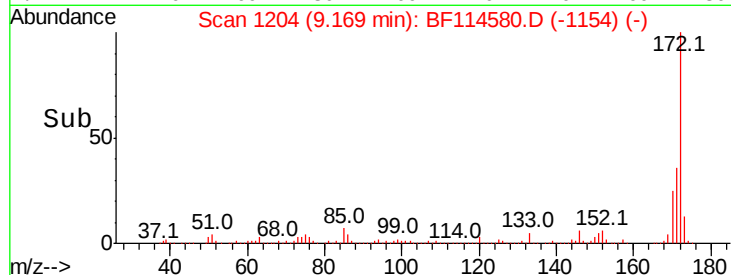
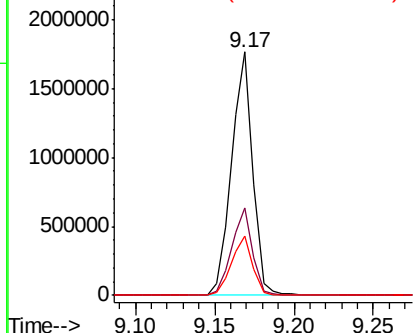
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion:172 Resp: 1634025

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	24.6	20.5	30.7



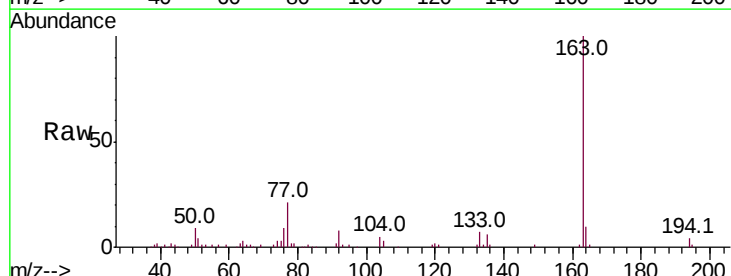
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



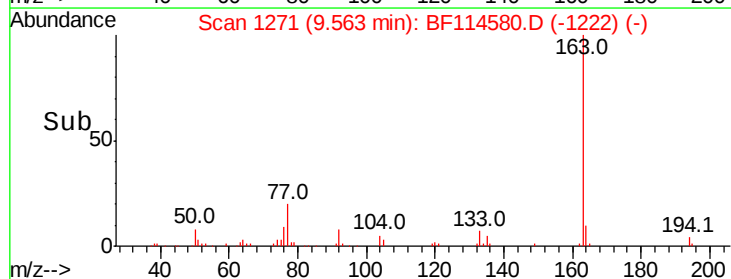
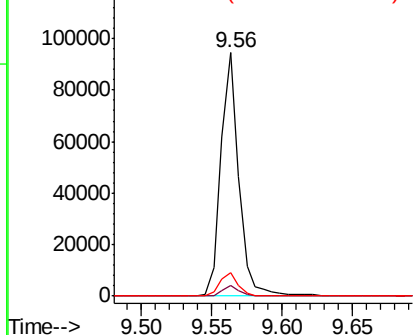
#50
 Dimethylphthalate
 Concen: 3.951 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

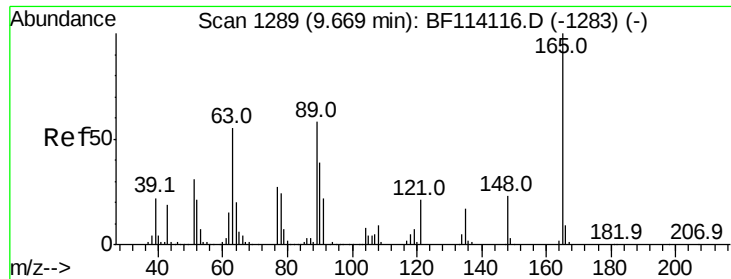
Tgt Ion:163 Resp: 83975

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	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

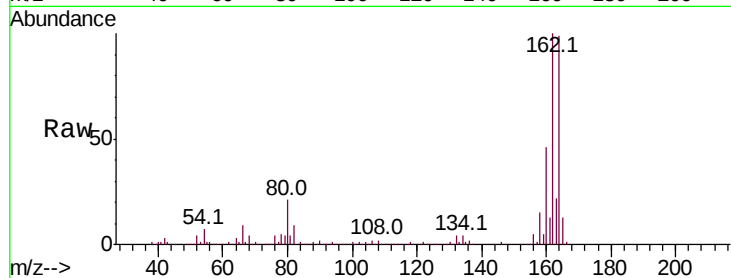




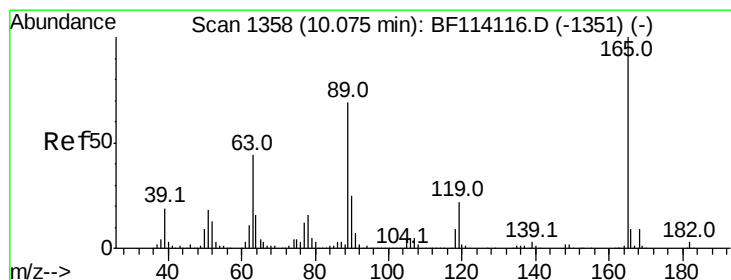
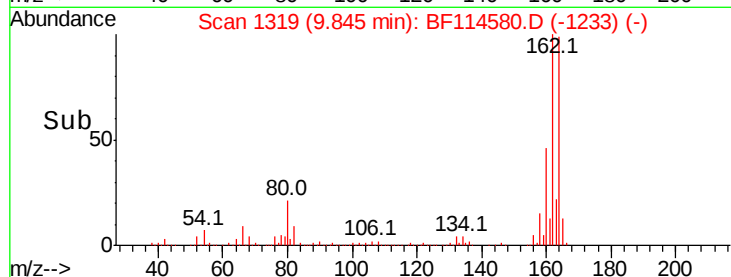
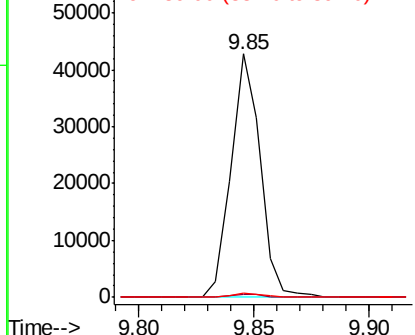
#51
 2,6-Dinitrotoluene
 Concen: 7.997 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Instrument :
 BNA_F
 ClientSampled :
 TP-10

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.7	46.6	69.8#



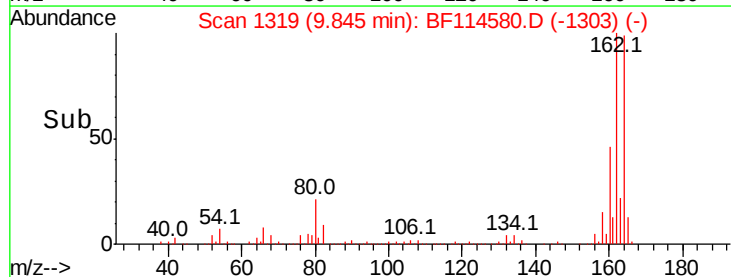
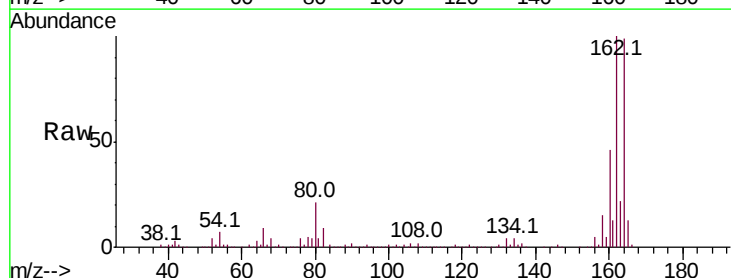
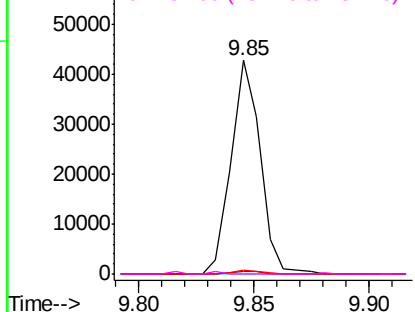
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

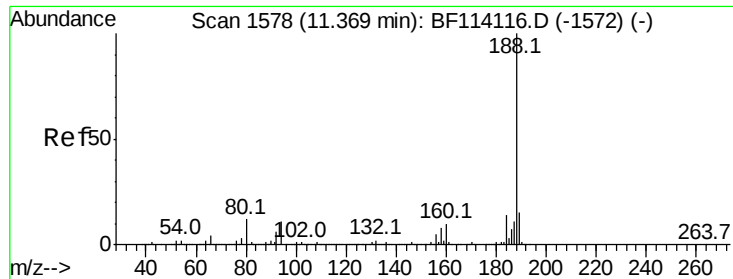


#57
 2,4-Dinitrotoluene
 Concen: 5.892 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.7	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

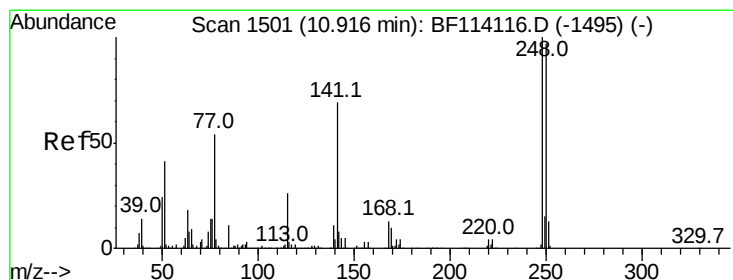
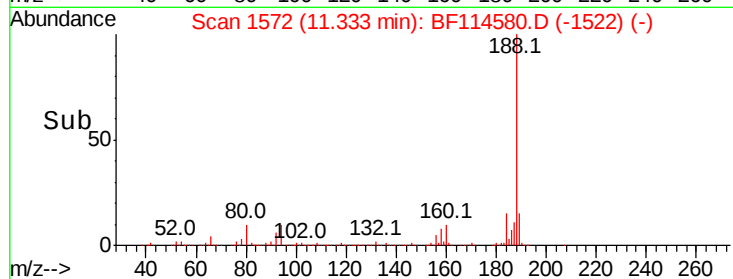
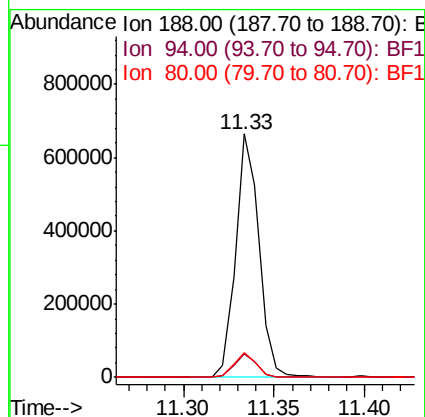
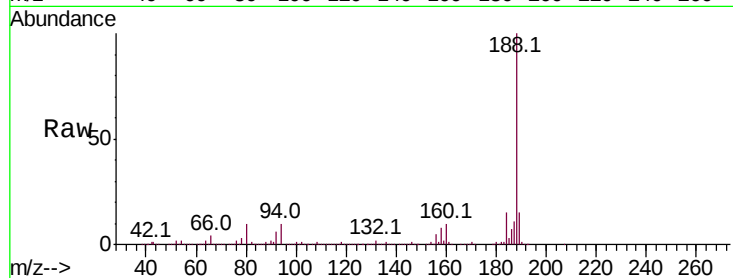




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114580.D
Acq: 24 May 2019 20:05

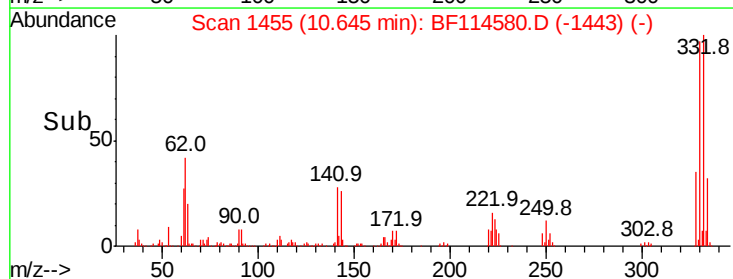
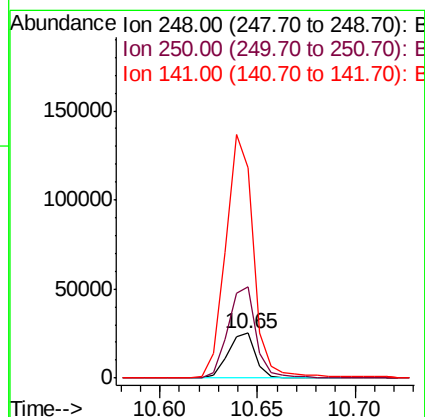
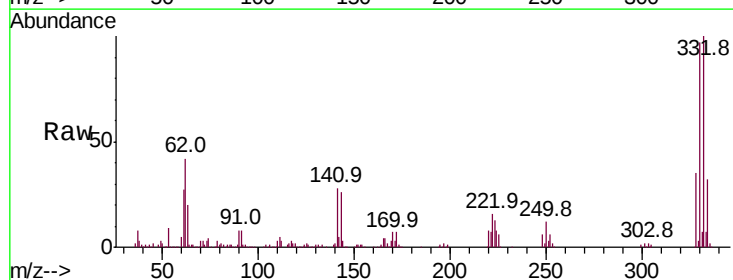
Instrument :
BNA_F
ClientSampled :
TP-10

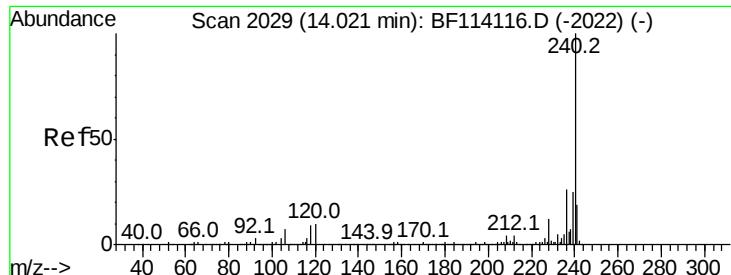
Tot Ion:188 Resp: 595807
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.0 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.798 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114580.D
Acq: 24 May 2019 20:05

Tgt Ion:248 Resp: 24916
Ion Ratio Lower Upper
248 100
250 204.0 77.4 116.2#
141 467.4 55.6 83.4#

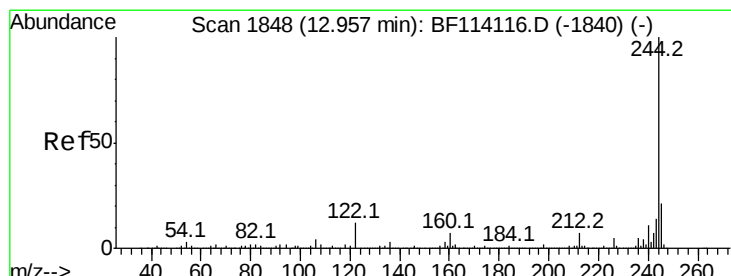
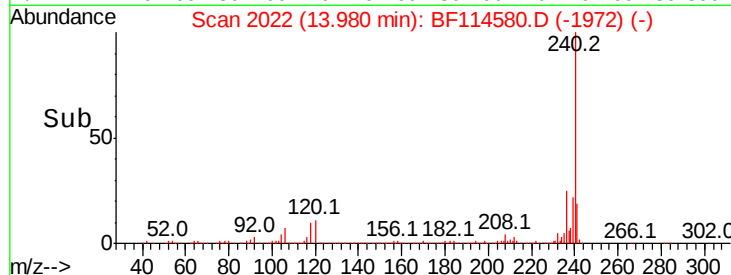
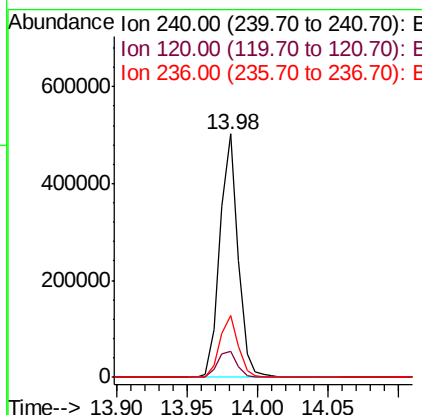
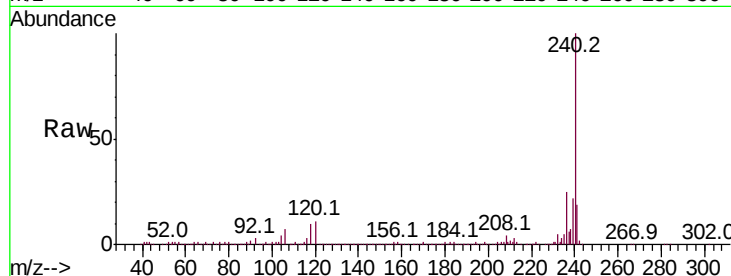




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

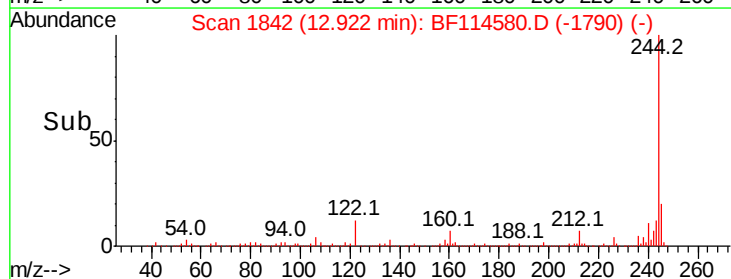
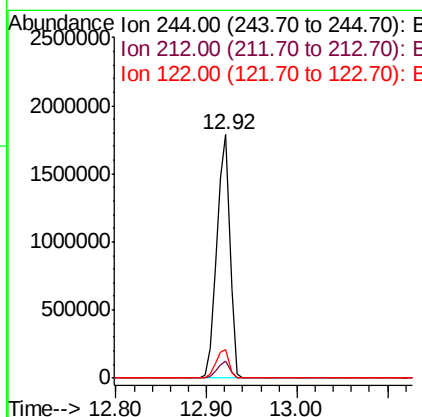
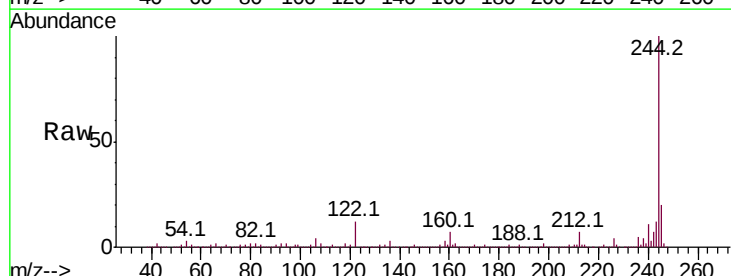
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

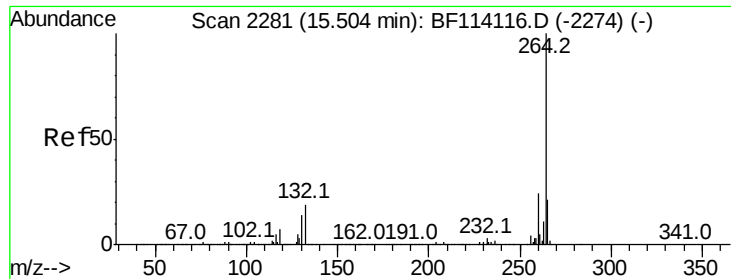
Tot Ion:240 Resp: 451726
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 25.3 20.8 31.2



#79
 Terphenyl-d14
 Concen: 80.806 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Tgt Ion:244 Resp: 1770727
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.9 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114580.D
Acq: 24 May 2019 20:05

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:264 Resp: 438524

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	22.1	16.9	25.3

