

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114591.D
 Acq On : 25 May 2019 00:56
 Operator : JU/SJ
 Sample : K3026-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Quant Time: May 25 01:55:30 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

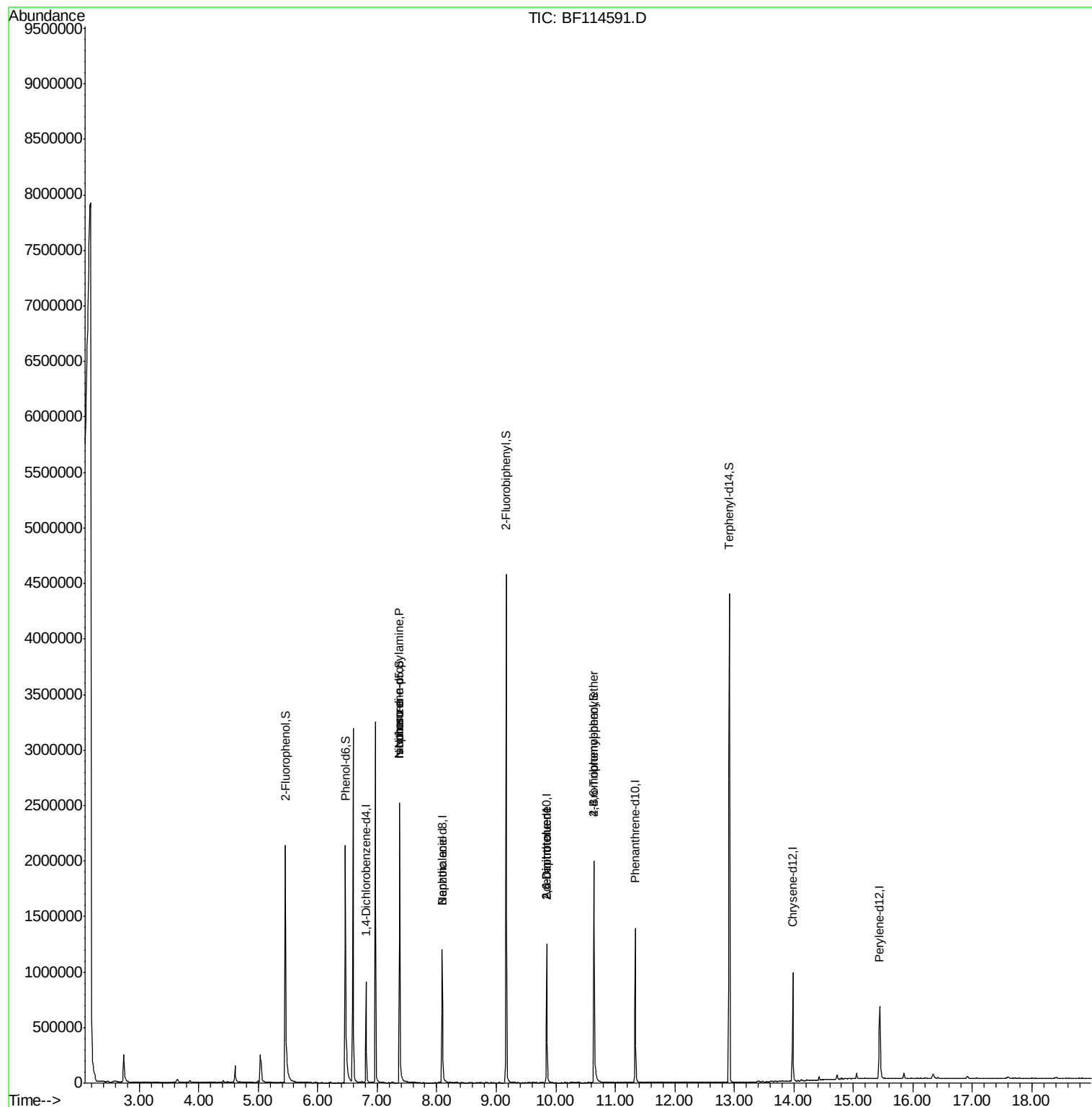
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144620	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	546266	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	259589	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	533079	20.00	ng	0.00
76) Chrysene-d12	13.98	240	358596	20.00	ng	0.00
87) Perylene-d12	15.44	264	361974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	762409	84.84	ng	0.01
7) Phenol-d6	6.46	99	896932	84.39	ng	0.00
23) Nitrobenzene-d5	7.37	82	792771	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	269622	100.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1452556	84.64	ng	0.00
79) Terphenyl-d14	12.92	244	1572466	90.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	103820	15.410	ng	# 78
25) Isophorone	7.37	82	792763	43.914	ng	# 64
32) Benzoic acid	8.09	122	109	7.038	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	32951	7.796	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	32951	5.744	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	17481	2.978	ng	# 1

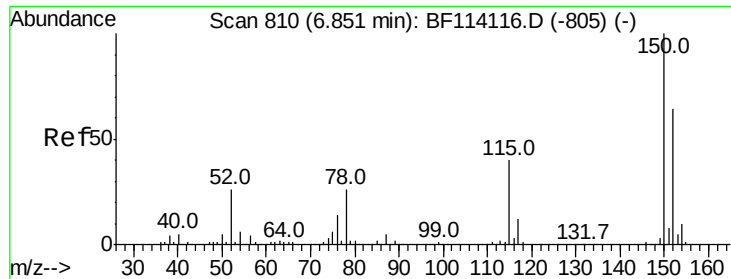
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



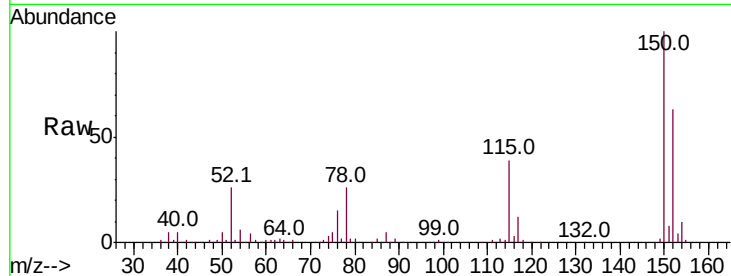


#1

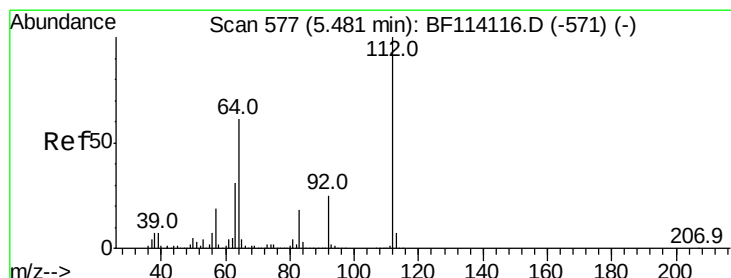
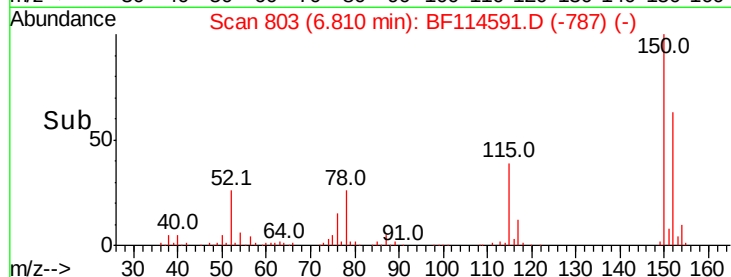
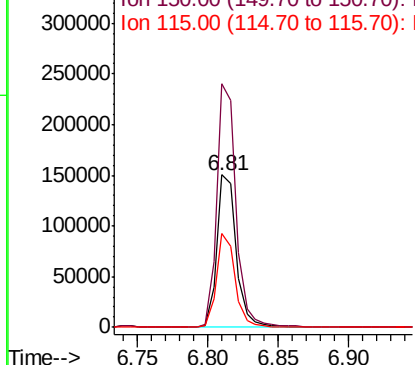
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tot Ion:152 Resp: 144620
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 61.8 49.1 73.7



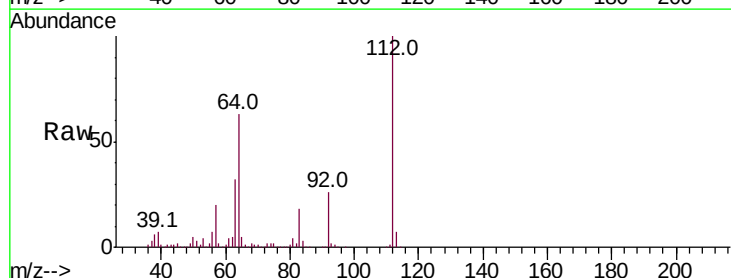
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



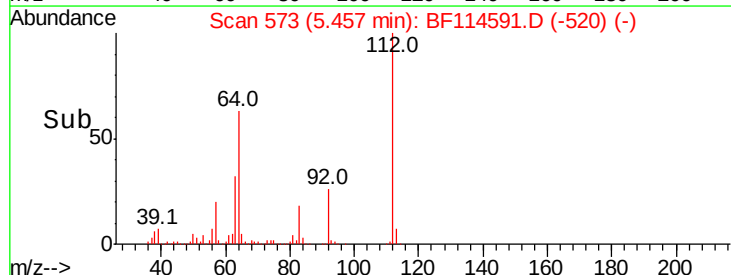
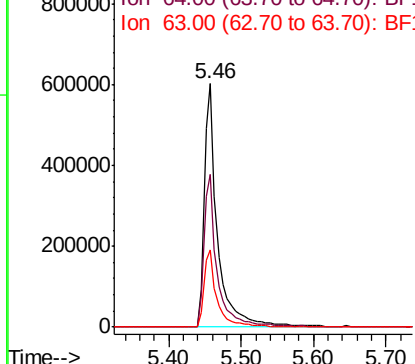
#5

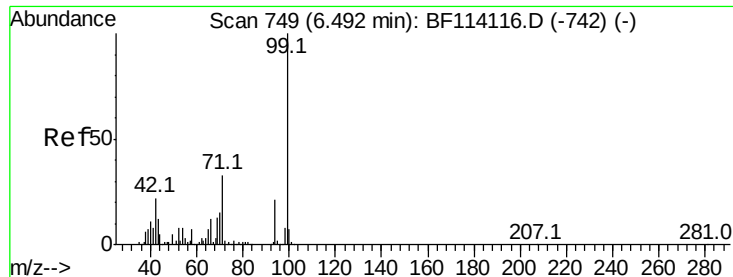
2-Fluorophenol
Concen: 84.837 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Tgt Ion:112 Resp: 762409
Ion Ratio Lower Upper
112 100
64 62.8 49.0 73.6
63 31.7 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: 84.386 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114591.D

Acq: 25 May 2019 00:56

Instrument :

BNA_F

ClientSampleId :

TP-5-D

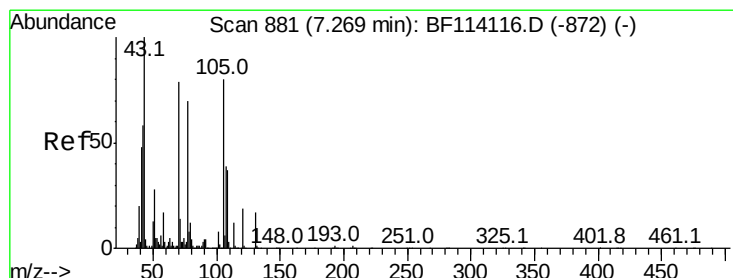
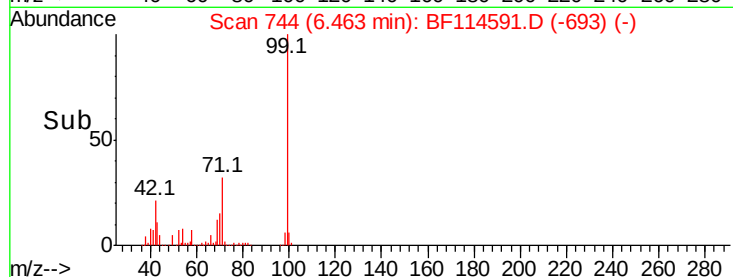
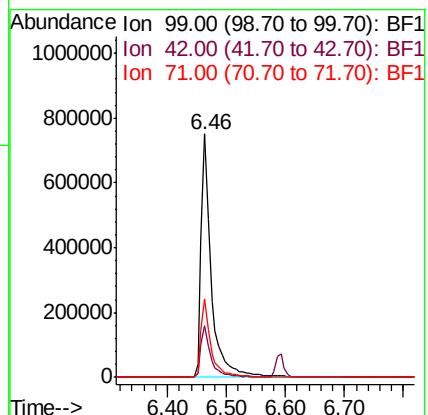
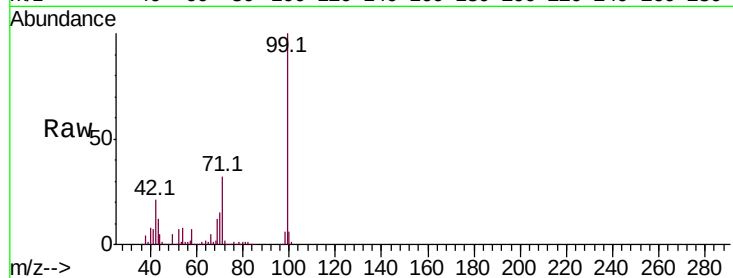
Tot Ion: 99 Resp: 896932

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

71 32.3 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.410 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114591.D

Acq: 25 May 2019 00:56

Tgt Ion: 70 Resp: 103820

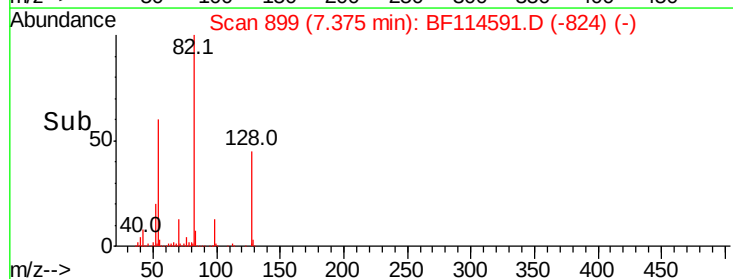
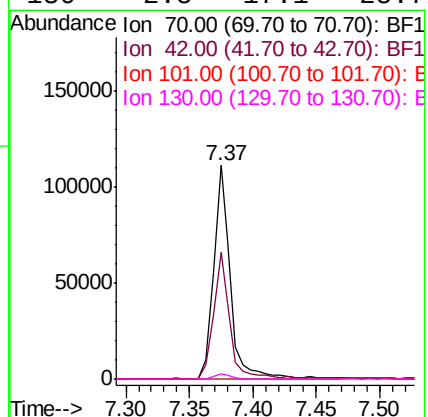
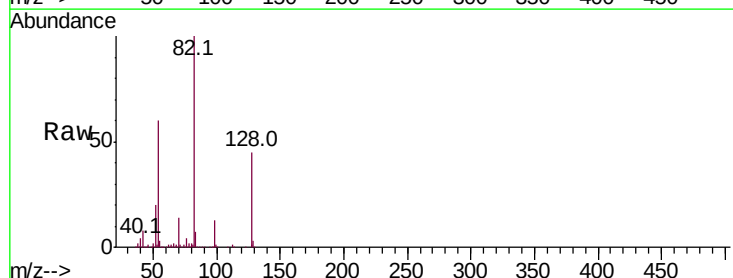
Ion Ratio Lower Upper

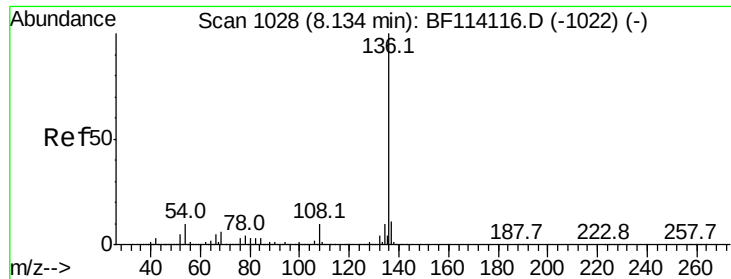
70 100

42 59.3 58.6 87.8

101 0.0 7.8 11.8#

130 2.5 17.1 25.7#

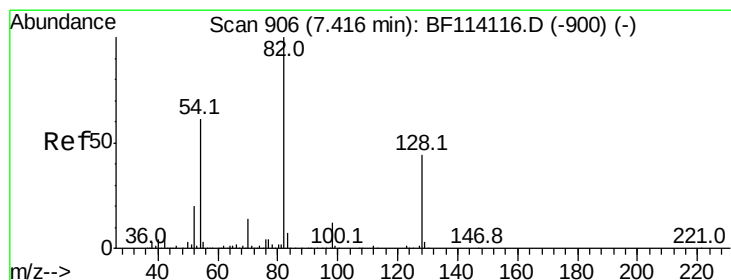
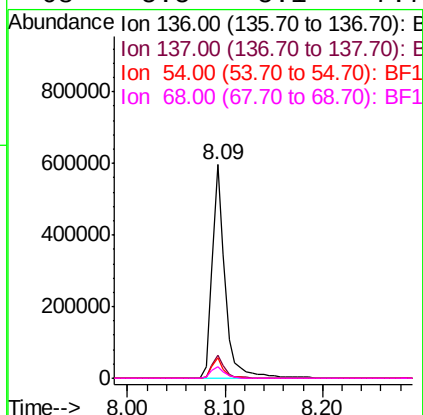
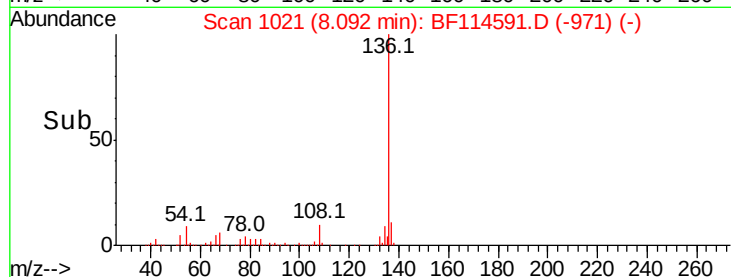
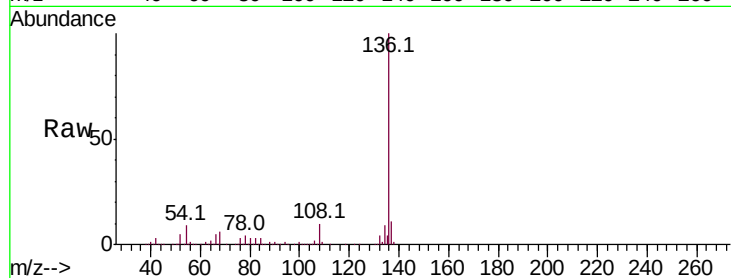




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

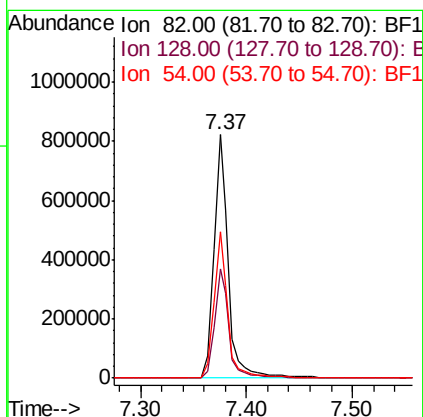
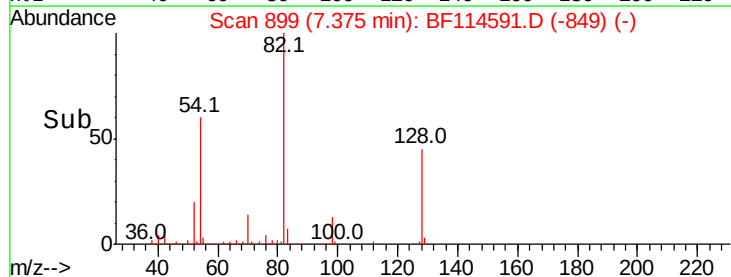
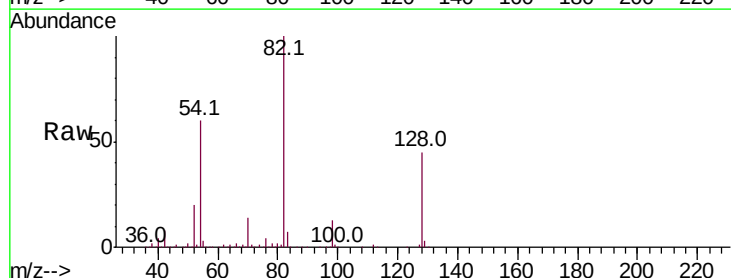
Instrument :
BNA_F
ClientSampleId :
TP-5-D

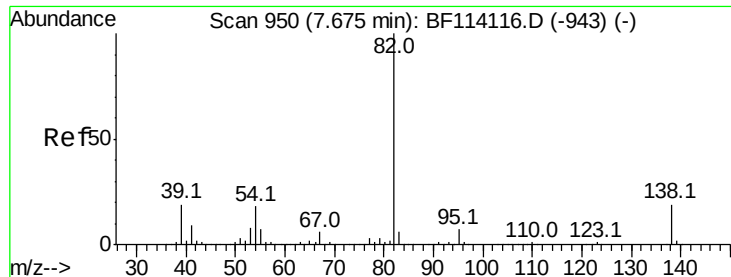
Tot Ion:136	Resp:	546266	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 9.5	7.8	11.8	
68 5.5	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 81.444 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Tgt	Ion: 82	Resp:	792771
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	59.9	48.5	72.7





#25

Isophorone

Concen: 43.914 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114591.D

Acq: 25 May 2019 00:56

Instrument :

BNA_F

ClientSampleId :

TP-5-D

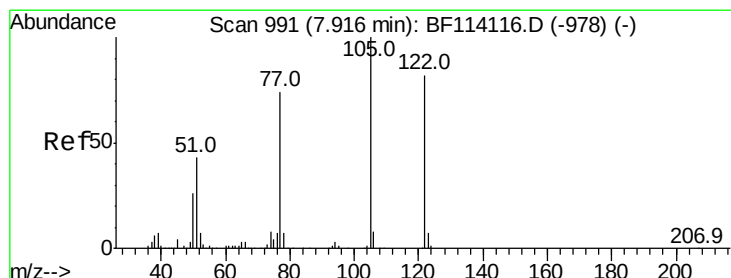
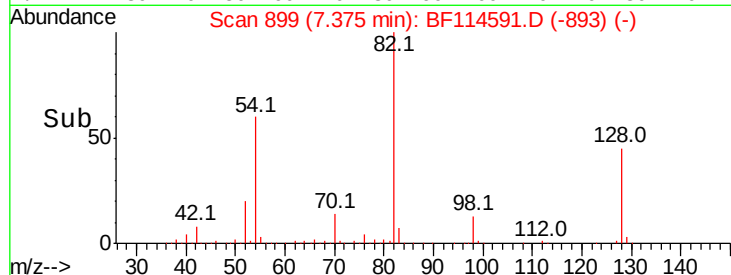
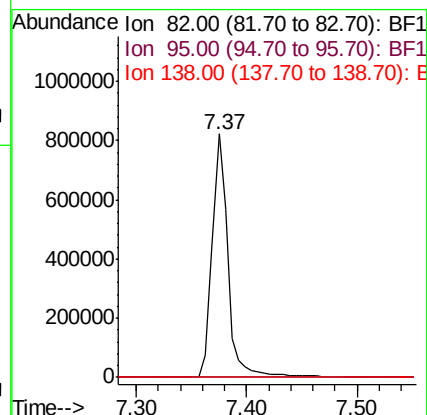
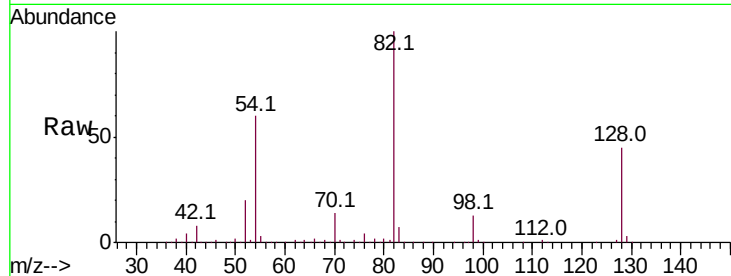
Tot Ion: 82 Resp: 792763

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.038 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.18 min

Lab File: BF114591.D

Acq: 25 May 2019 00:56

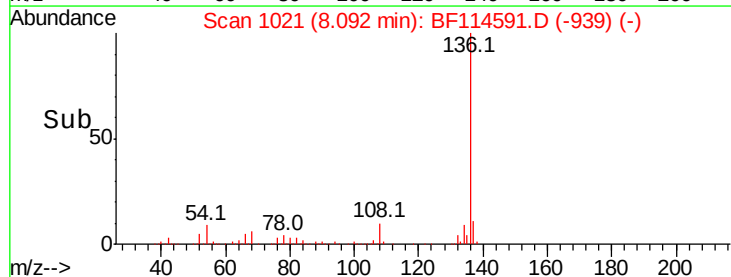
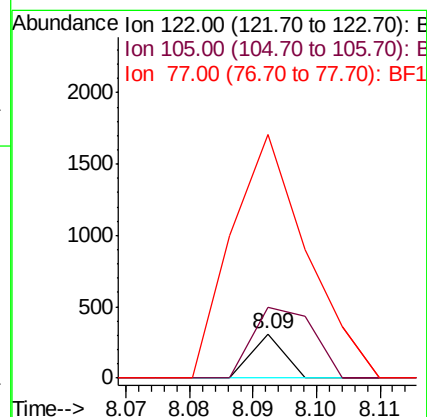
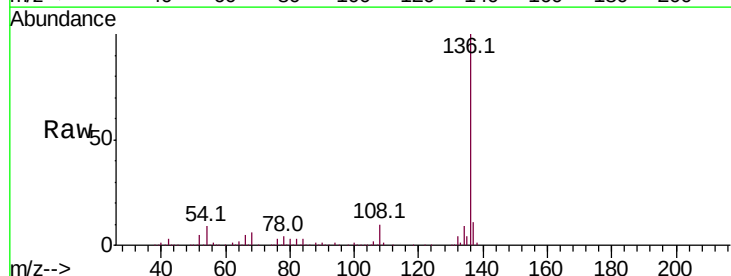
Tgt Ion: 122 Resp: 109

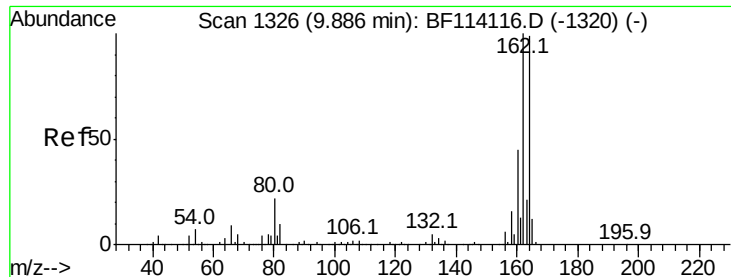
Ion Ratio Lower Upper

122 100

105 159.5 99.9 139.9#

77 552.4 69.4 109.4#

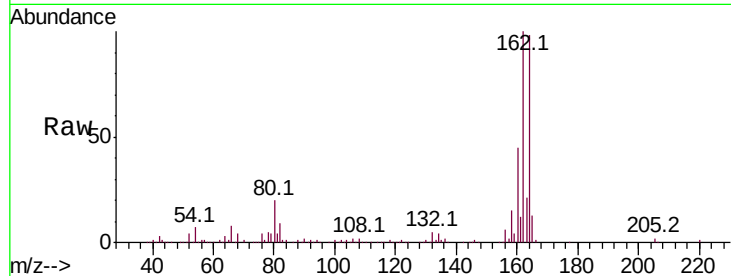




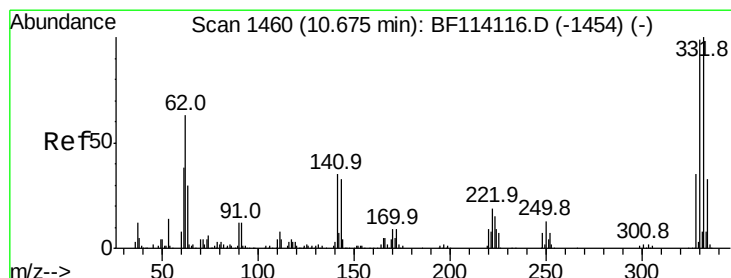
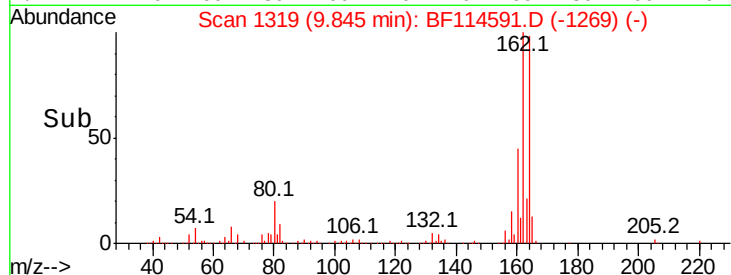
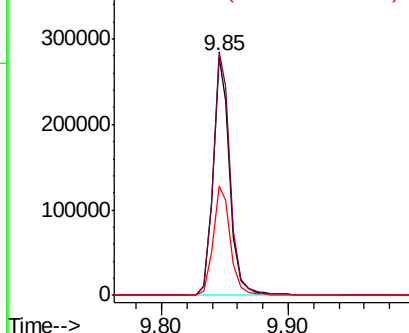
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tot Ion:164 Resp: 259589
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 45.7 36.5 54.7

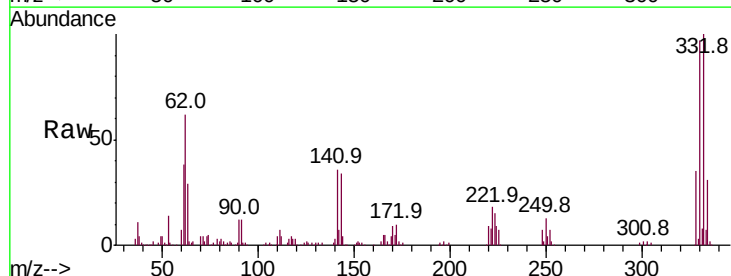


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

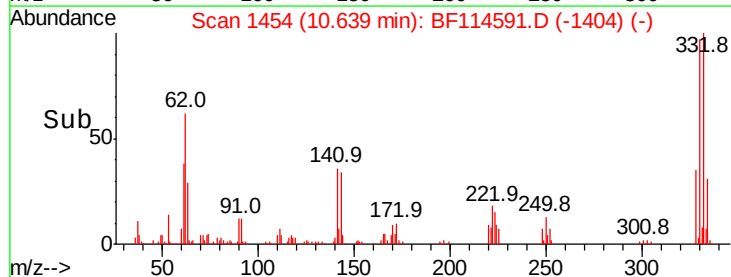
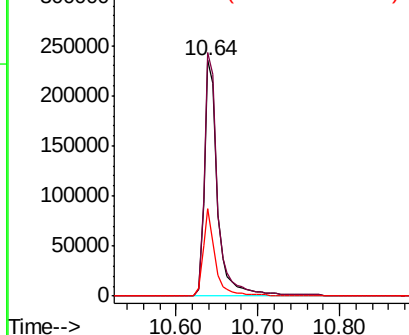


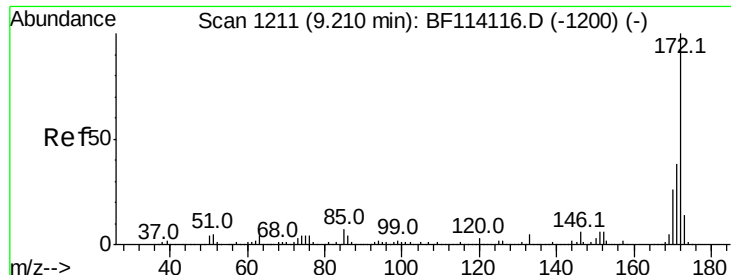
#42
 2,4,6-Tribromophenol
 Concen: 100.466 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

Tgt Ion:330 Resp: 269622
 Ion Ratio Lower Upper
 330 100
 332 103.0 81.4 122.2
 141 34.2 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



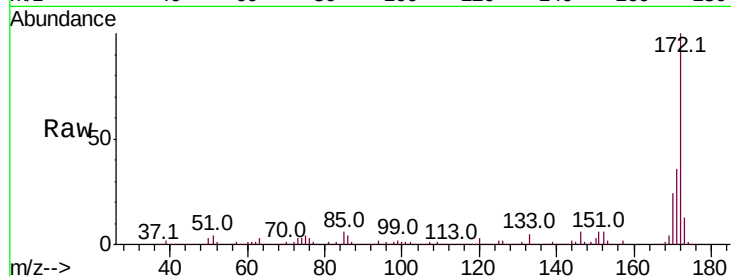


#45
 2-Fluorobiphenyl
 Concen: 84.643 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

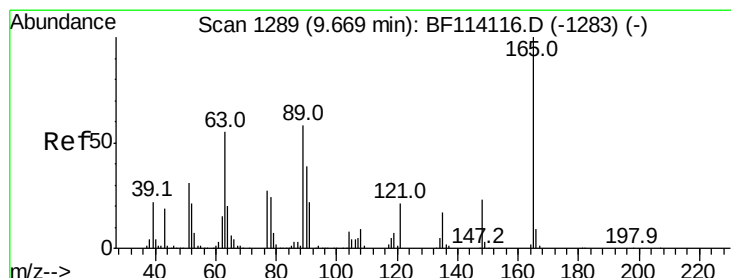
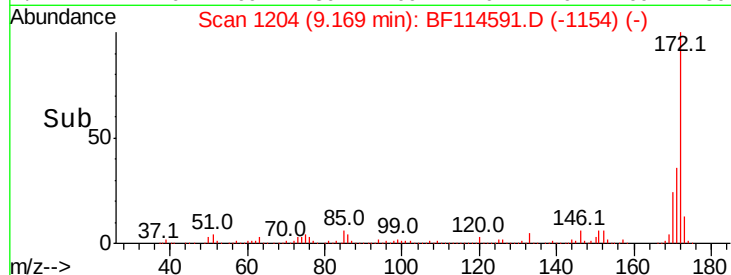
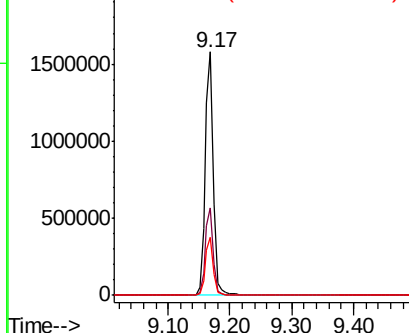
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tot Ion:172 Resp: 1452556

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	24.0	20.5	30.7



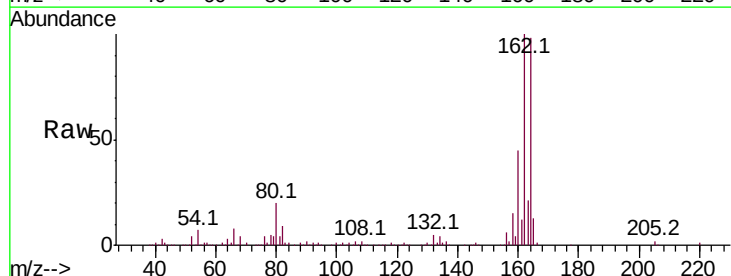
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



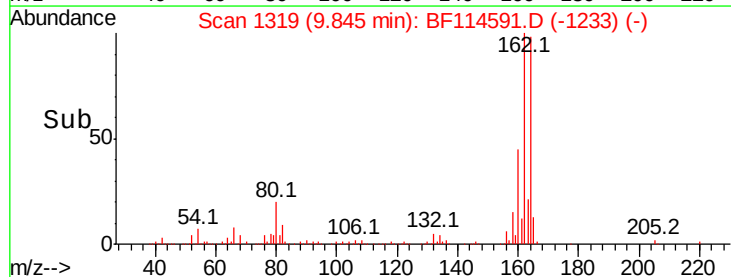
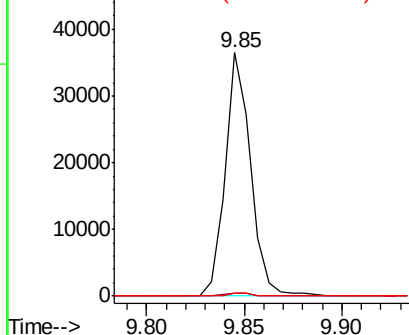
#51
 2,6-Dinitrotoluene
 Concen: 7.796 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

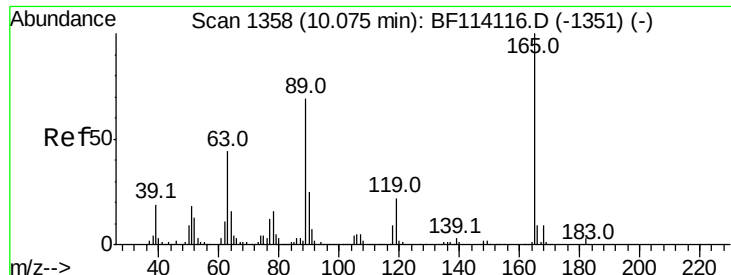
Tgt Ion:165 Resp: 32951

Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

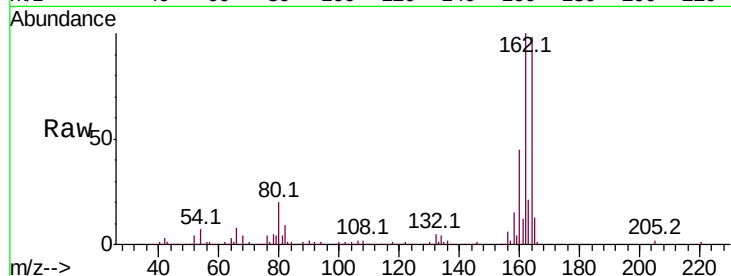




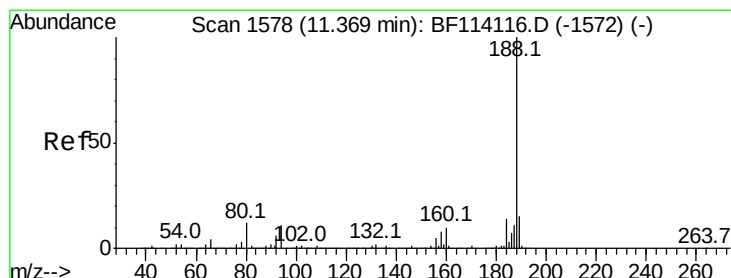
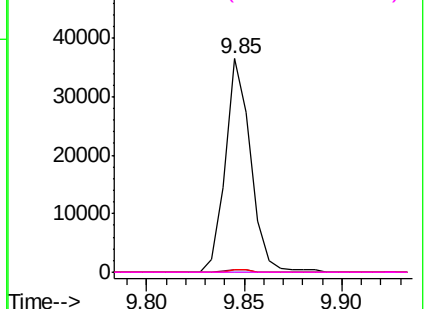
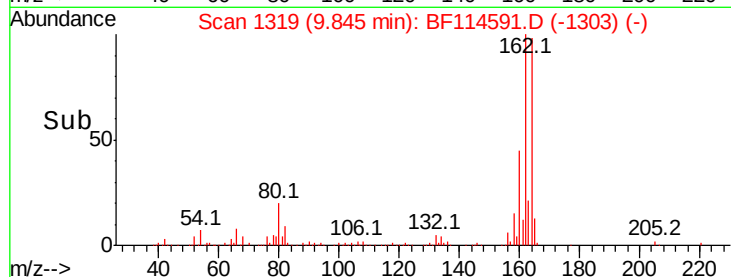
#57
 2,4-Dinitrotoluene
 Concen: 5.744 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_F
 ClientSampled :
 TP-5-D

Tot Ion:165 Resp: 32951
 Ion Ratio Lower Upper
 165 100
 63 1.1 35.5 53.3#
 89 1.2 55.2 82.8#
 182 0.0 2.2 3.2#

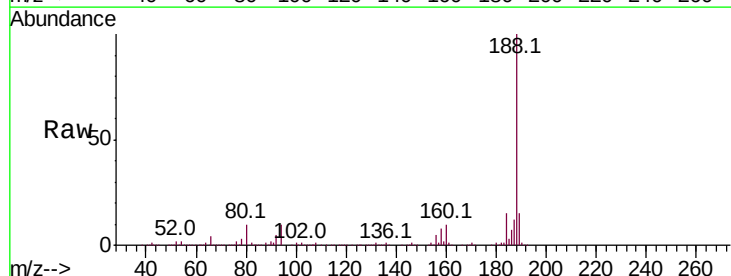


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

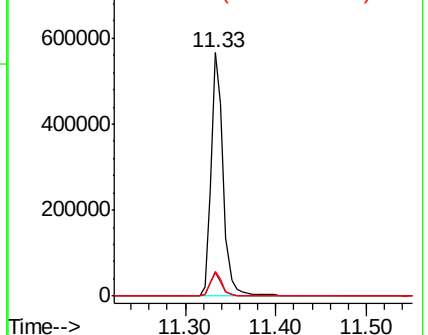
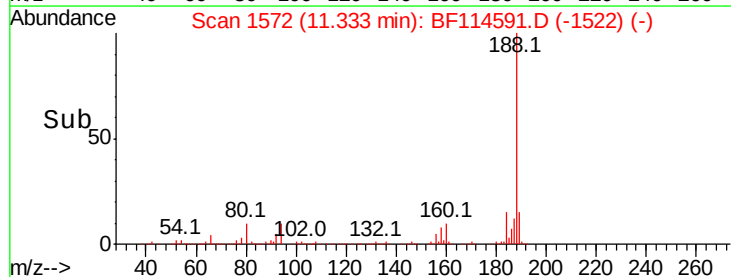


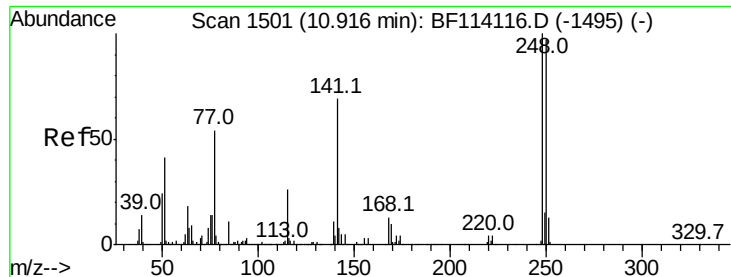
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF114591.D
 Acq: 25 May 2019 00:56

Tgt Ion:188 Resp: 533079
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.4 12.6
 80 10.3 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

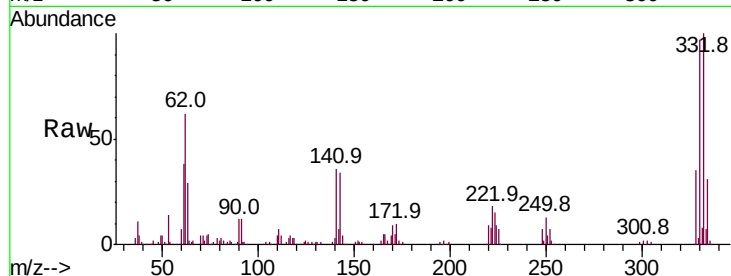




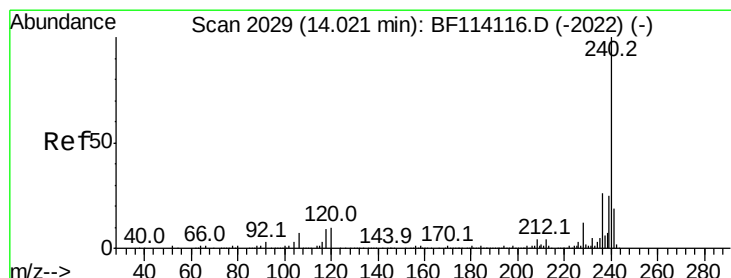
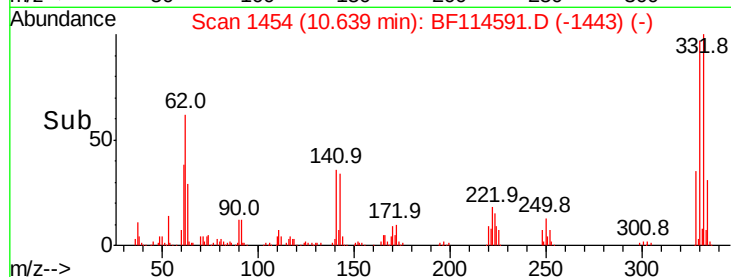
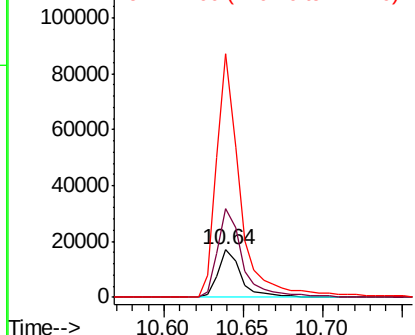
#67
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tot Ion:248 Resp: 17481
Ion Ratio Lower Upper
248 100
250 186.6 77.4 116.2#
141 511.2 55.6 83.4#

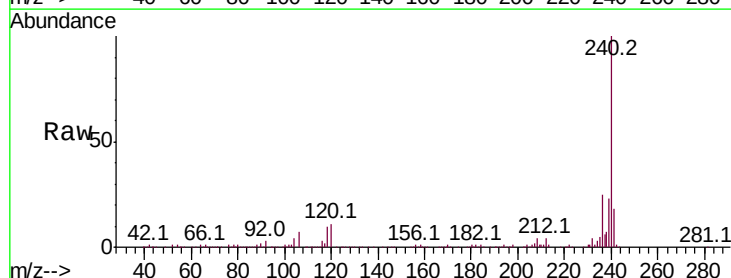


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

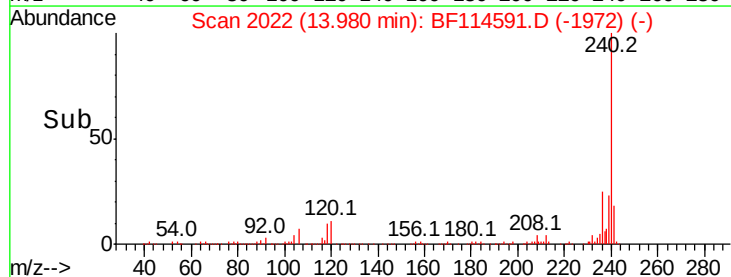
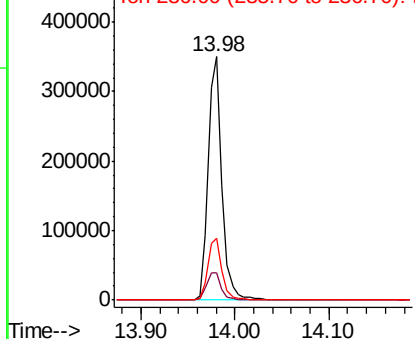


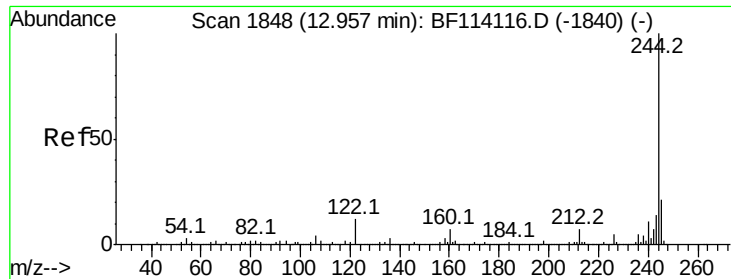
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114591.D
Acq: 25 May 2019 00:56

Tgt Ion:240 Resp: 358596
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.2 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: 90.395 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF114591.D

Acq: 25 May 2019 00:56

Instrument :

BNA_F

ClientSampleId :

TP-5-D

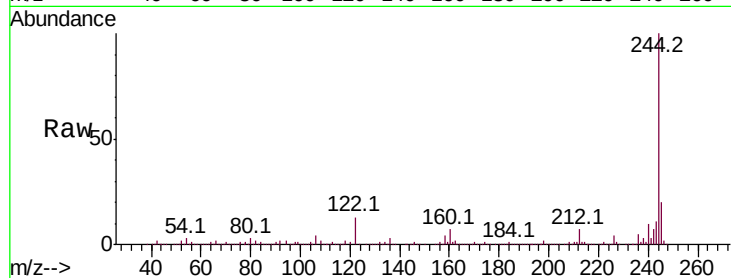
Tot Ion:244 Resp: 1572466

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

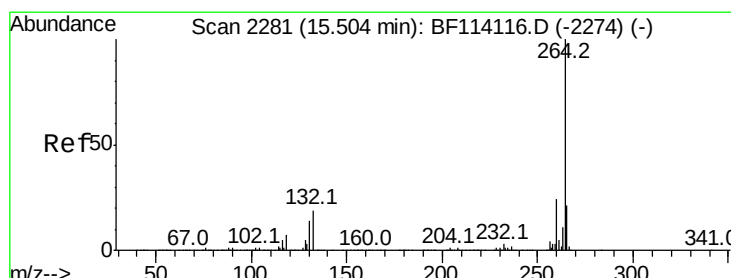
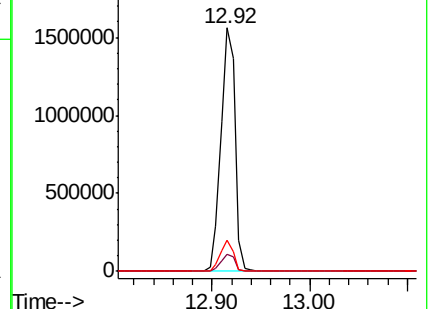
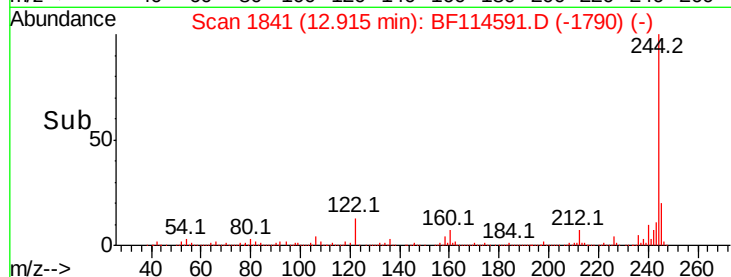
122 12.9 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114591.D

Acq: 25 May 2019 00:56

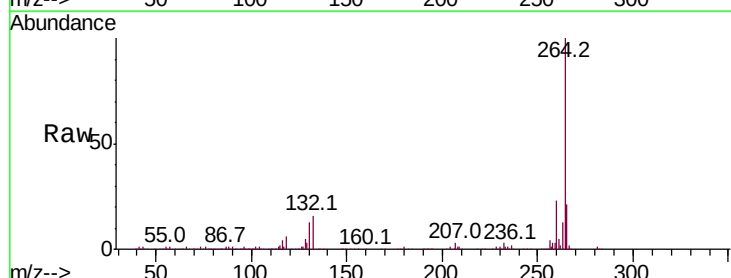
Tgt Ion:264 Resp: 361974

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 20.7 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

