

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114599.D
 Acq On : 25 May 2019 5:44
 Operator : JU/SJ
 Sample : K2994-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Quant Time: May 26 23:05:35 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

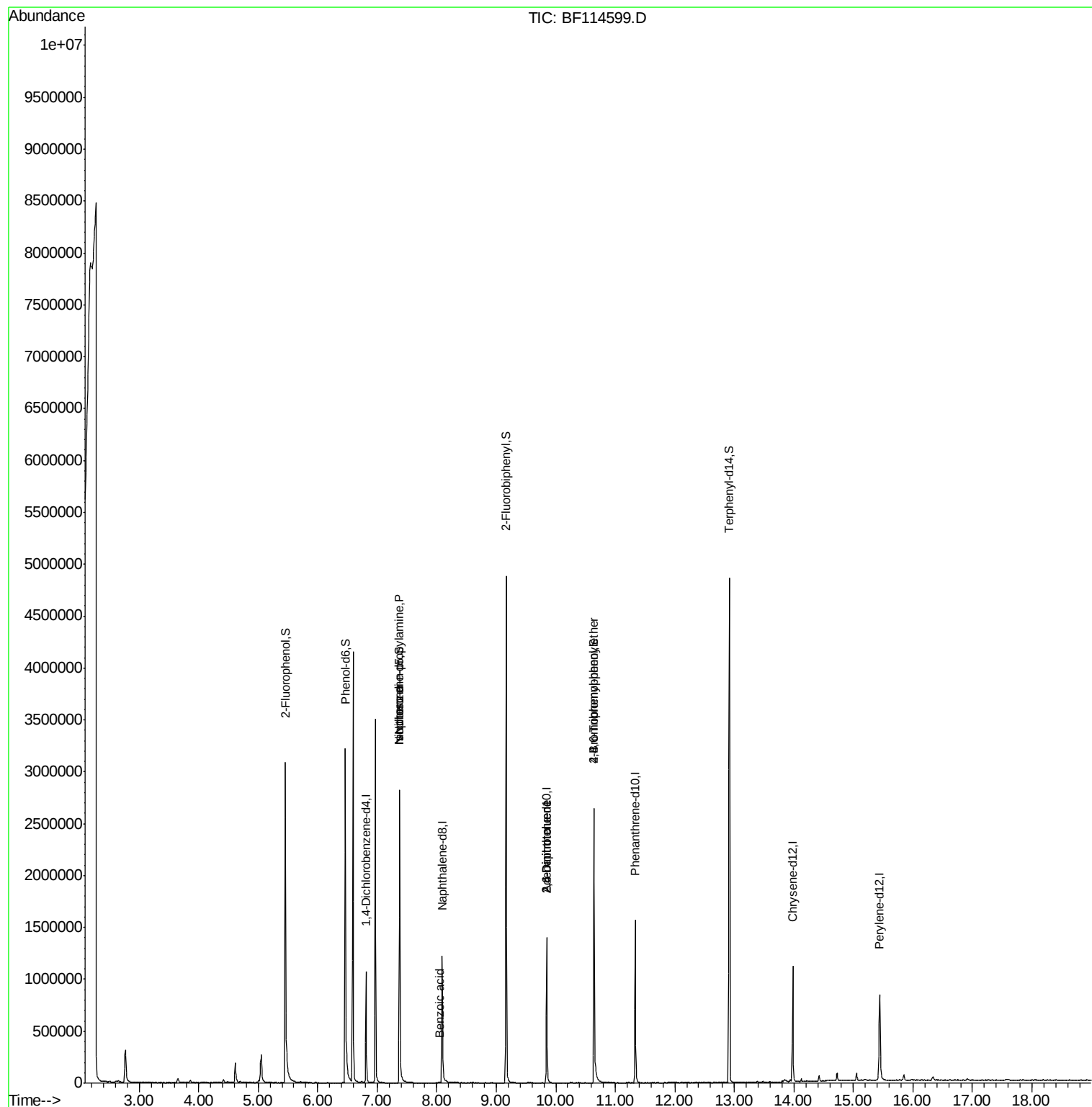
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162557	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	610790	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	289747	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	598441	20.00	ng	0.00
76) Chrysene-d12	13.98	240	431191	20.00	ng	0.00
87) Perylene-d12	15.44	264	438905	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1027340	101.70	ng	0.01
7) Phenol-d6	6.46	99	1212197	101.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	920176	84.55	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	366507	122.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1624008	84.78	ng	0.00
79) Terphenyl-d14	12.92	244	1826840	87.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	119943	15.839	ng	Qvalue # 76
25) Isophorone	7.37	82	920171	45.587	ng	# 64
32) Benzoic acid	8.05	122	2315	7.349	ng	97
51) 2,6-Dinitrotoluene	9.85	165	36123	7.657	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	36123	5.641	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	23057	3.499	ng	# 1

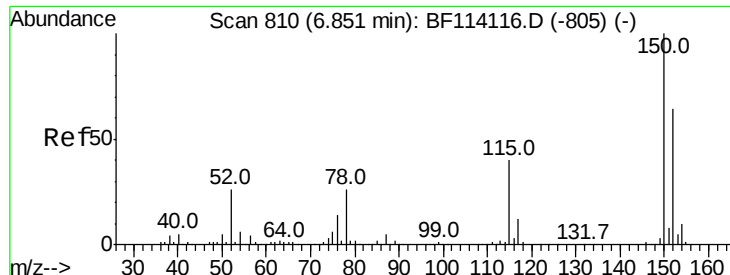
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



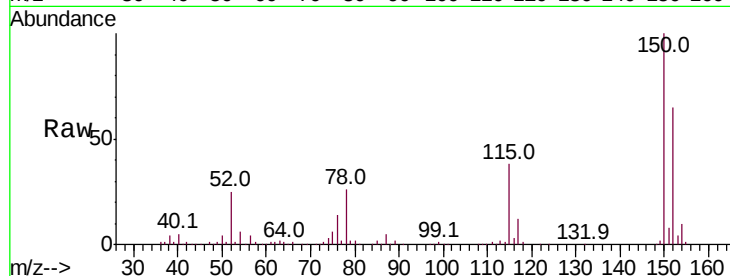


#1

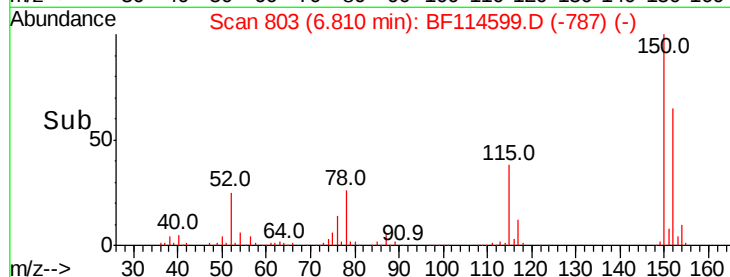
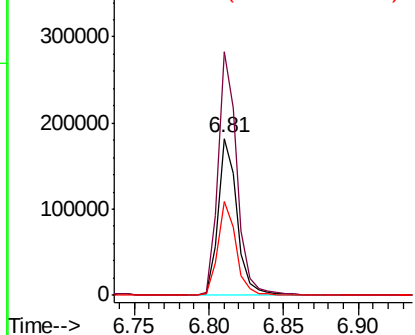
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tot Ion:152 Resp: 162557
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 59.6 49.1 73.7



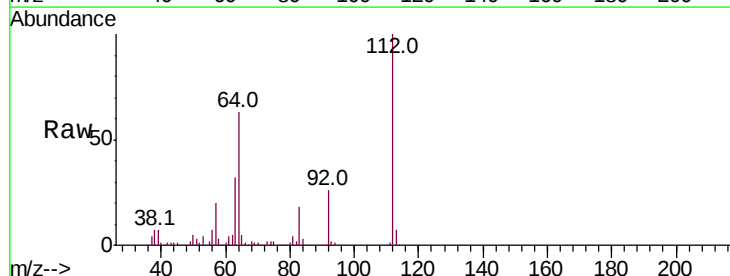
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



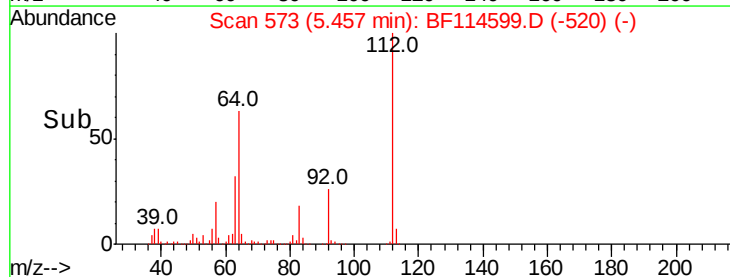
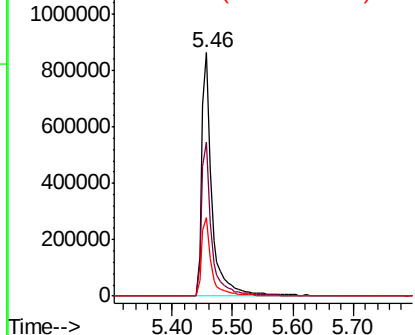
#5

2-Fluorophenol
Concen: 101.703 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

Tgt Ion:112 Resp: 1027340
Ion Ratio Lower Upper
112 100
64 63.2 49.0 73.6
63 32.5 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: 101.463 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Instrument :

BNA_F

ClientSampleId :

TP-8-D

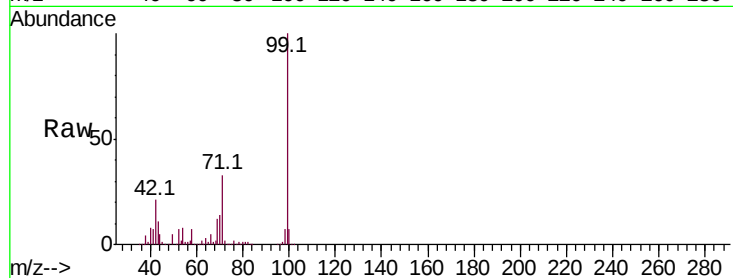
Tot Ion: 99 Resp: 1212197

Ion Ratio Lower Upper

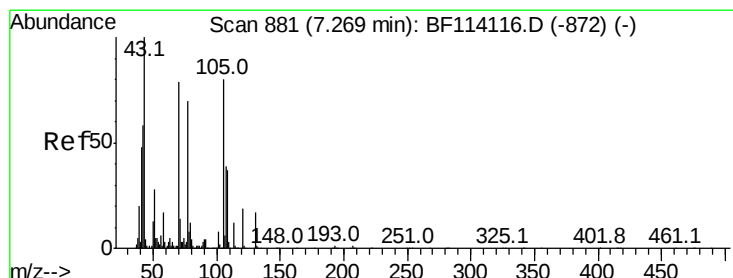
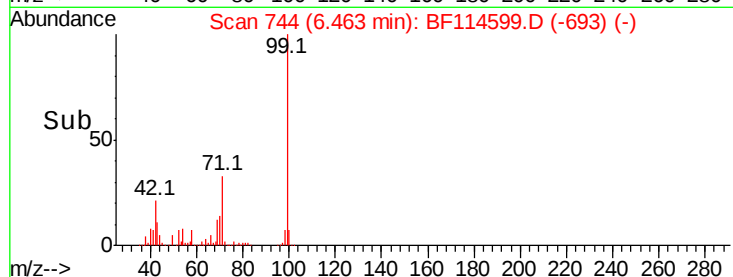
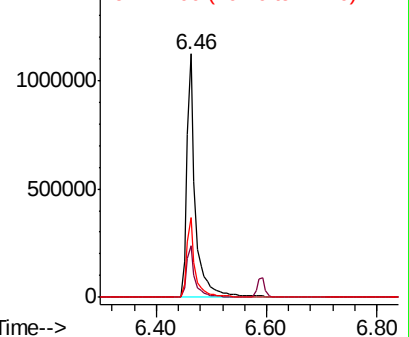
99 100

42 21.3 17.9 26.9

71 32.9 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 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: 15.839 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Tgt Ion: 70 Resp: 119943

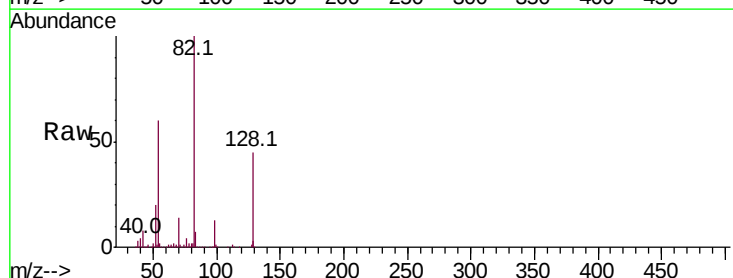
Ion Ratio Lower Upper

70 100

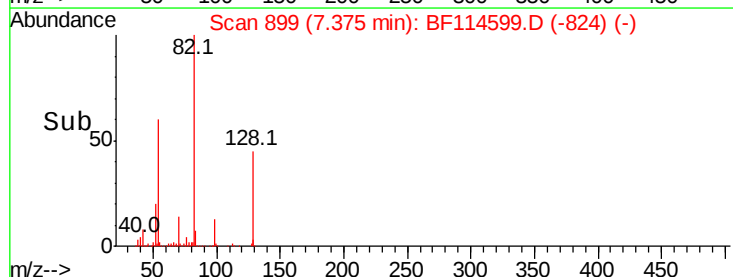
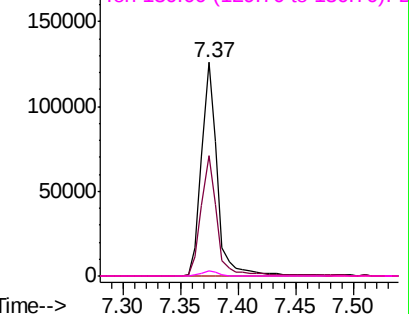
42 56.6 58.6 87.8#

101 0.0 7.8 11.8#

130 2.6 17.1 25.7#



Abundance Ion 70.00 (69.70 to 70.70): BF1
200000 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

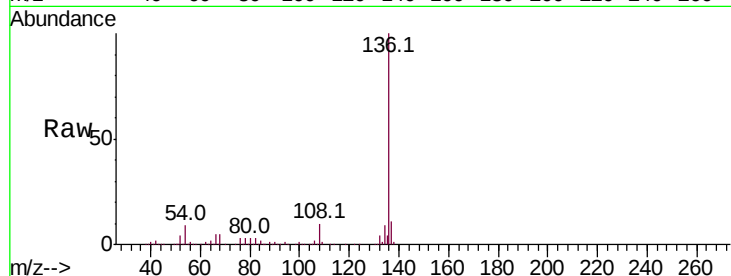




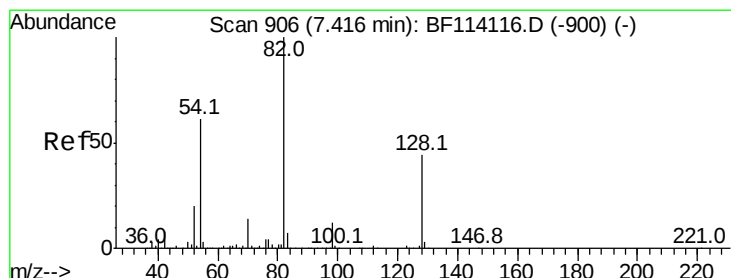
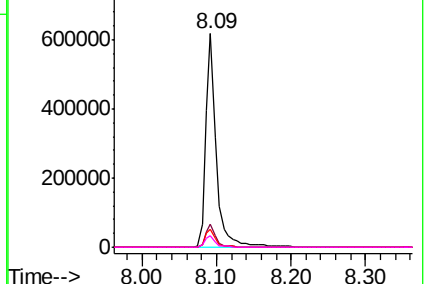
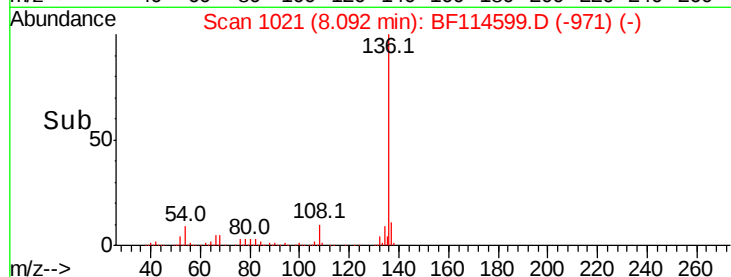
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tot Ion:136	Resp: 610790
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.6	7.8 11.8
68 5.3	5.1 7.7

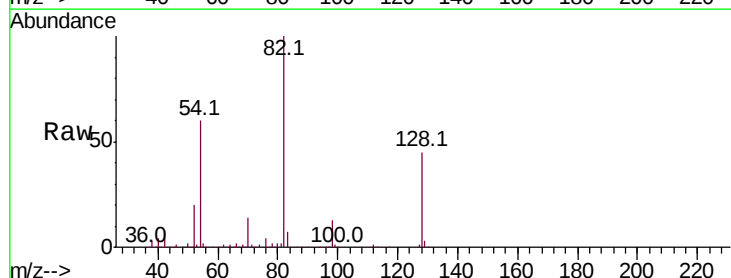


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

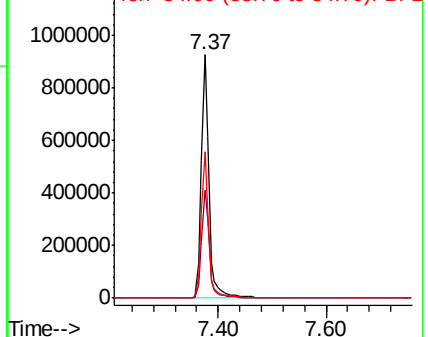
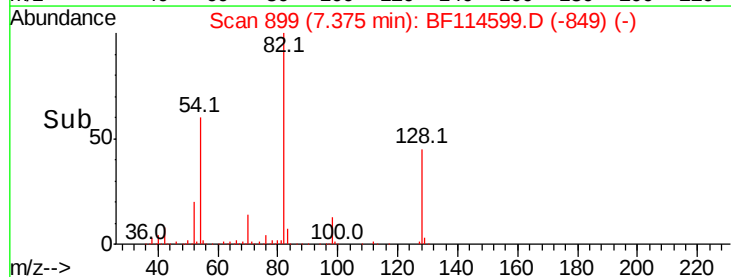


#23
Nitrobenzene-d5
Concen: 84.547 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

Tgt	Ion: 82	Resp:	920176
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	59.9	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: 45.587 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Instrument :

BNA_F

ClientSampleId :

TP-8-D

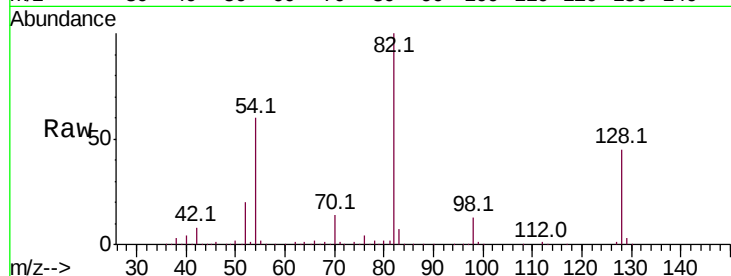
Tot Ion: 82 Resp: 920171

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

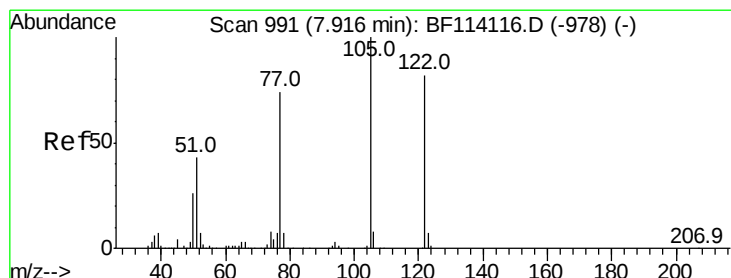
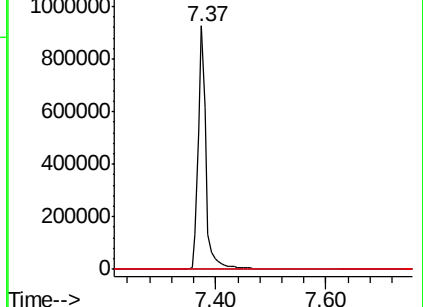
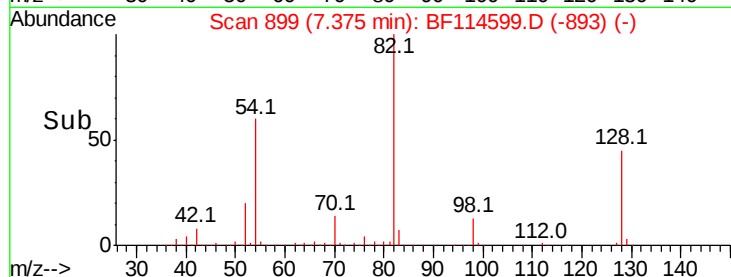
138 0.0 14.8 22.2#



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: 7.349 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.14 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

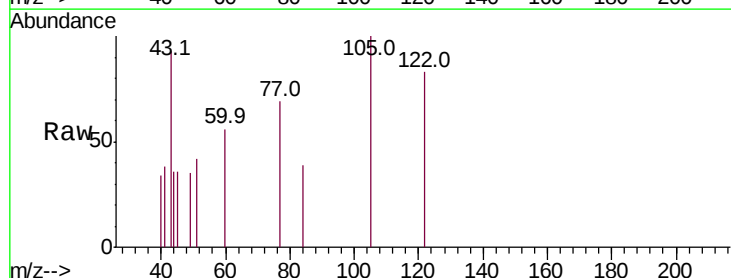
Tgt Ion:122 Resp: 2315

Ion Ratio Lower Upper

122 100

105 121.0 99.9 139.9

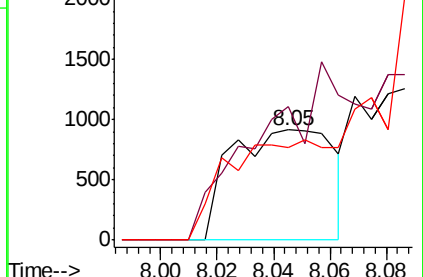
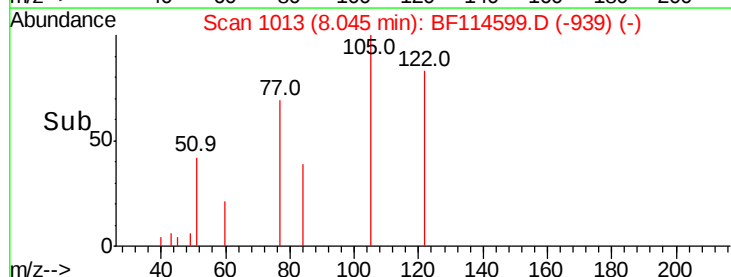
77 83.4 69.4 109.4

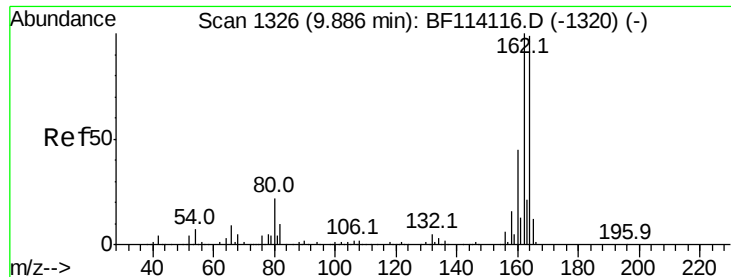


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

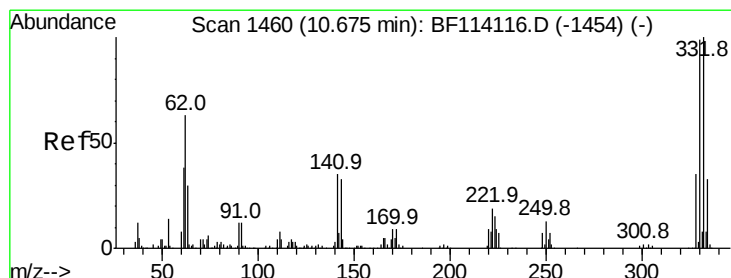
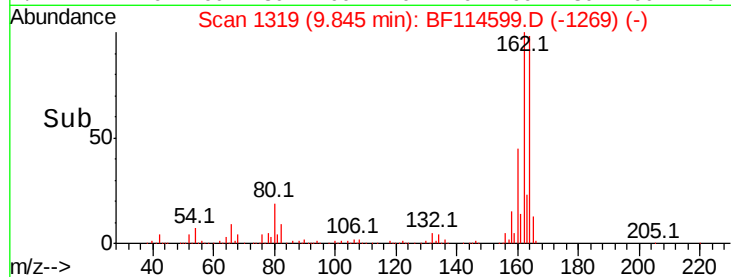
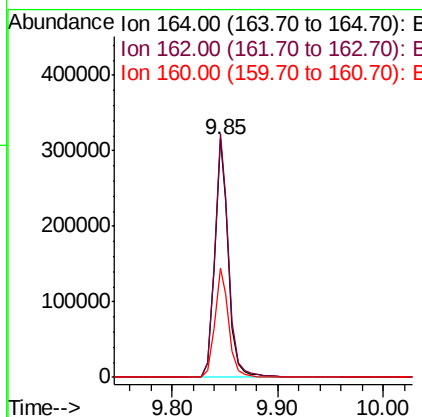
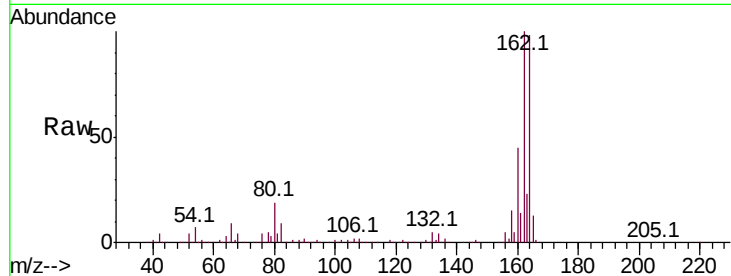




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

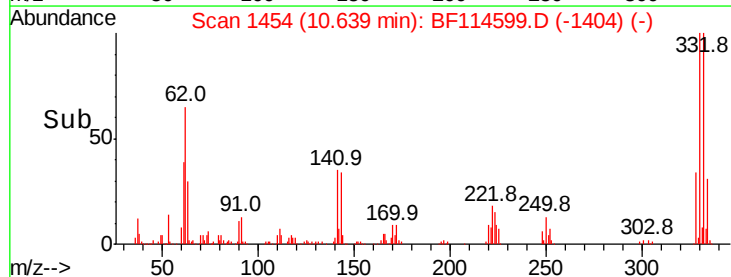
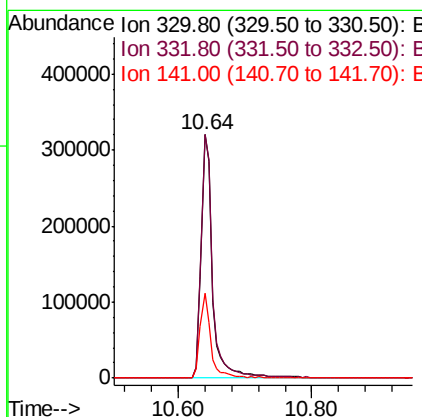
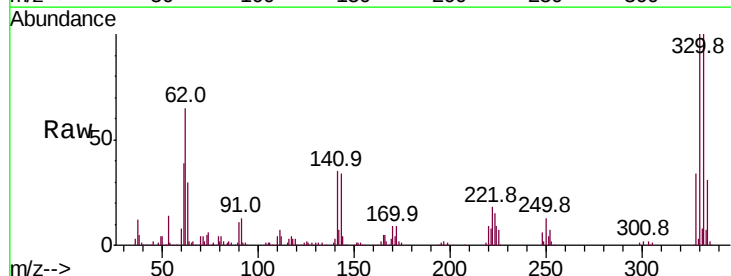
Instrument :
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 TP-8-D

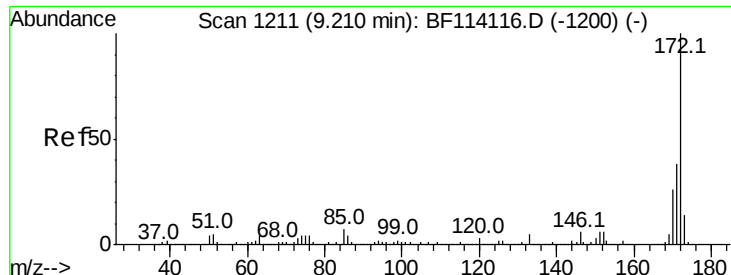
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	45.7	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 122.353 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.2	81.4	122.2
141	33.4	26.6	40.0



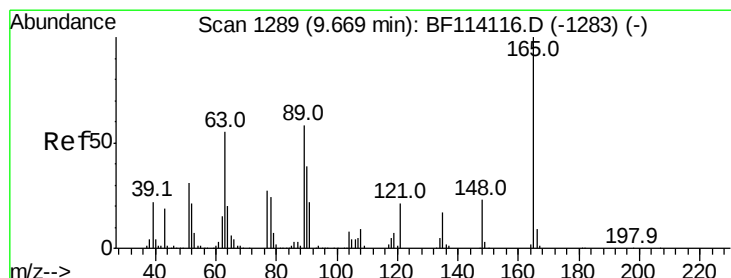
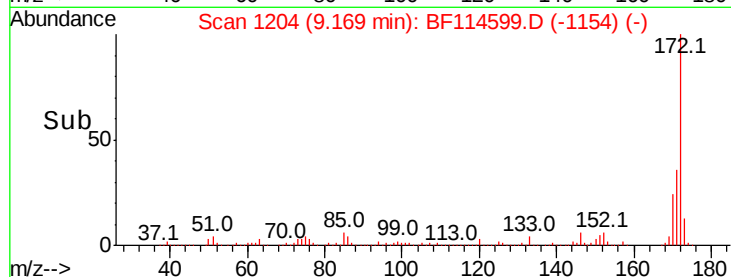
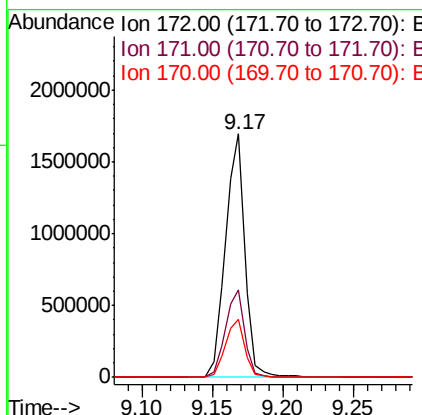
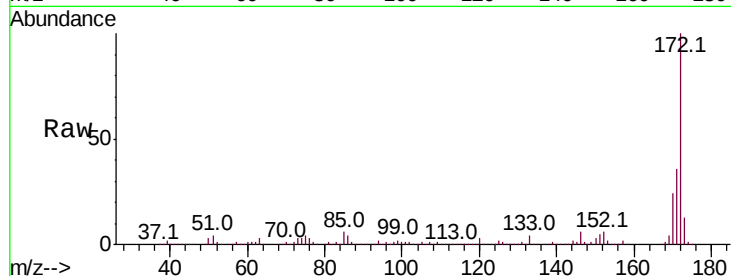


#45
 2-Fluorobiphenyl
 Concen: 84.784 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Tot Ion:172 Resp: 1624008

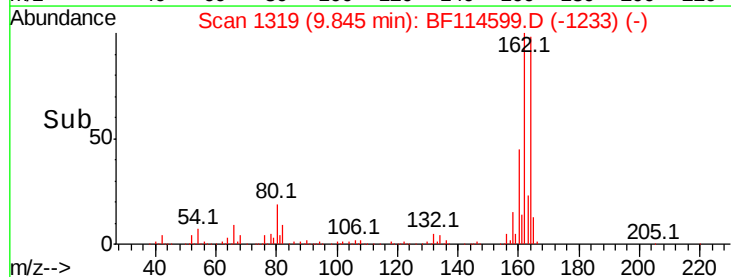
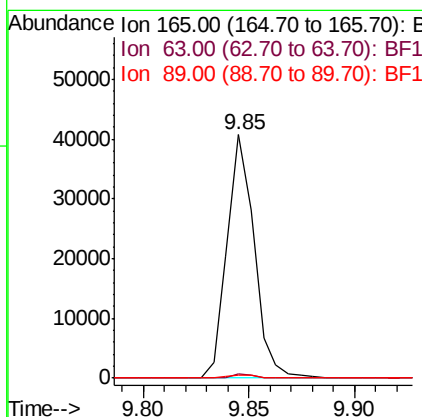
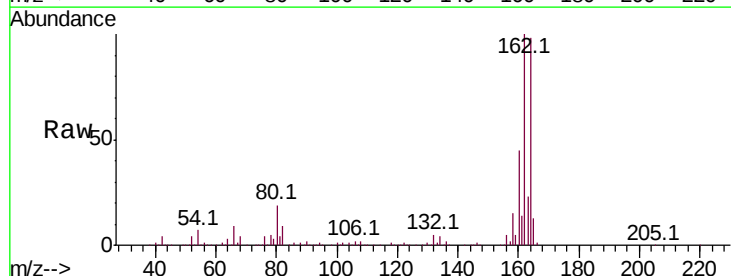
Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	23.8	20.5	30.7

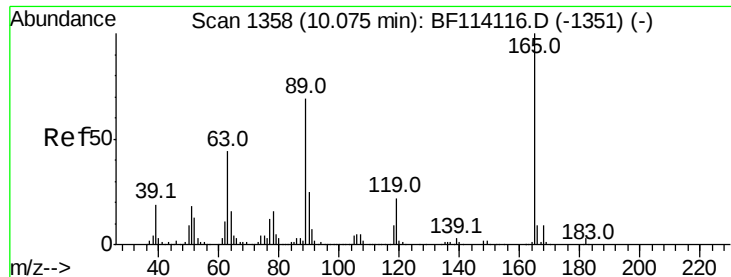


#51
 2,6-Dinitrotoluene
 Concen: 7.657 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Tgt Ion:165 Resp: 36123

Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.2	75.4#
89	1.1	46.6	69.8#





#57

2,4-Dinitrotoluene

Concen: 5.641 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Instrument :

BNA_F

ClientSampleId :

TP-8-D

Tot Ion:165 Resp: 36123

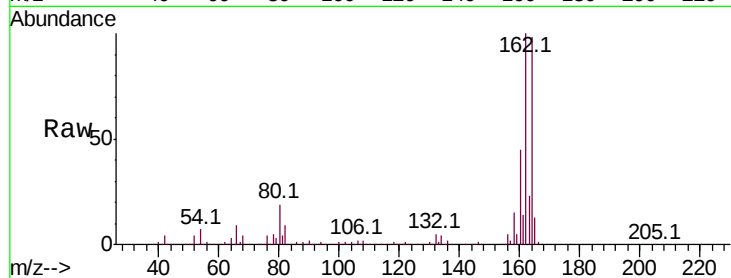
Ion Ratio Lower Upper

165 100

63 1.7 35.5 53.3#

89 1.1 55.2 82.8#

182 0.0 2.2 3.2#

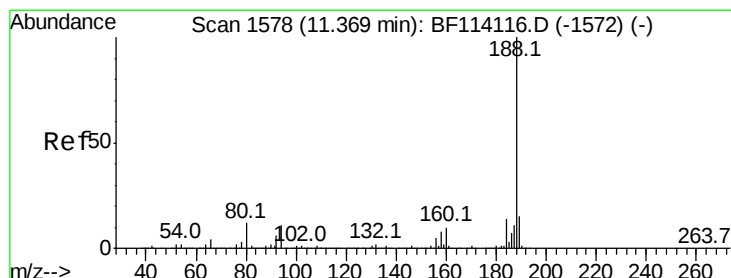
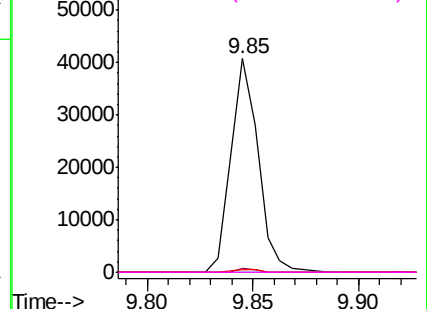
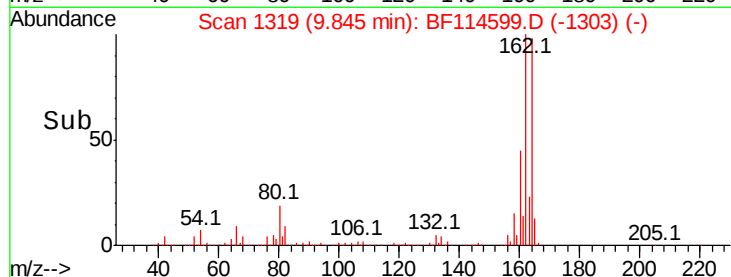


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114599.D

Acq: 25 May 2019 5:44

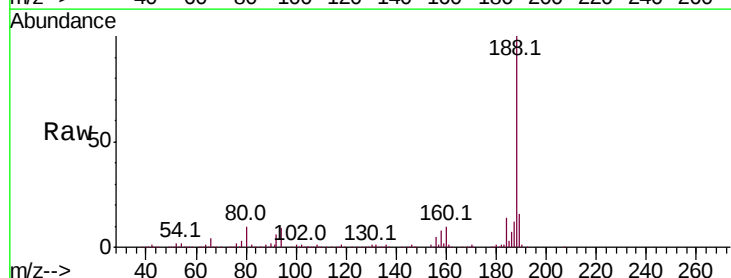
Tgt Ion:188 Resp: 598441

Ion Ratio Lower Upper

188 100

94 9.4 8.4 12.6

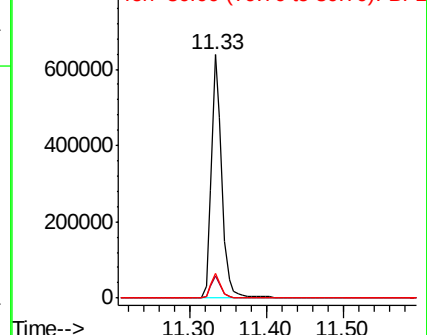
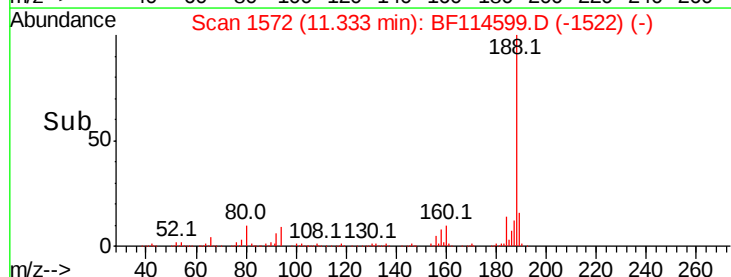
80 10.4 9.2 13.8

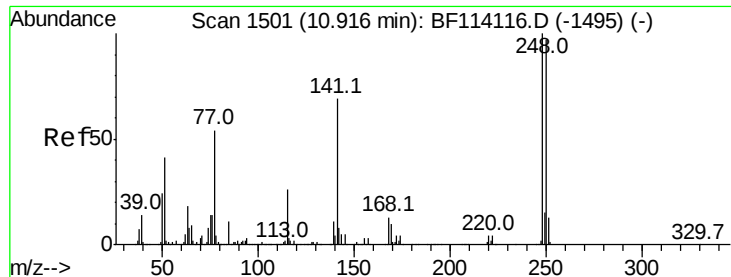


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

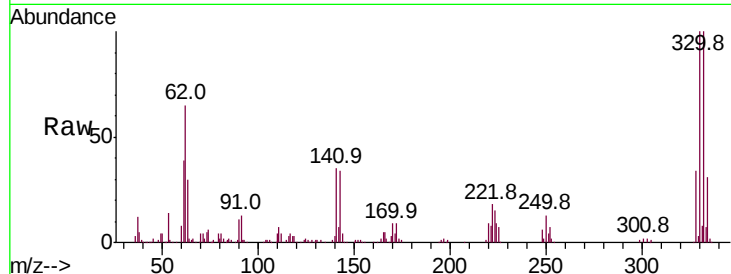




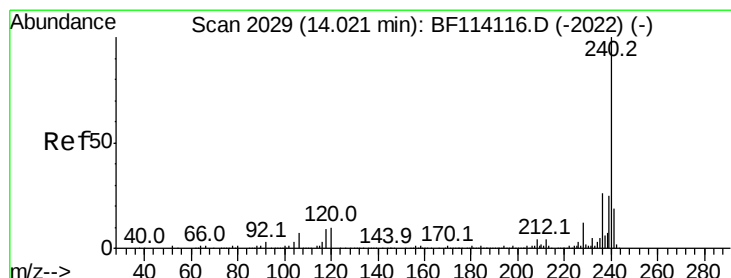
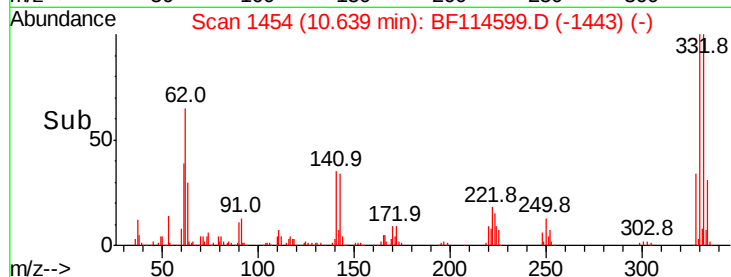
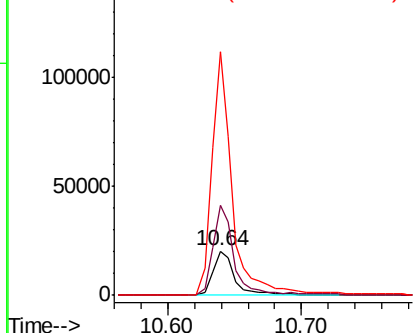
#67
 4-Bromophenyl-phenylether
 Concen: 3.499 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Instrument :
 BNA_F
 ClientSampled :
 TP-8-D

Tot Ion:248 Resp: 23057
 Ion Ratio Lower Upper
 248 100
 250 202.5 77.4 116.2#
 141 551.2 55.6 83.4#

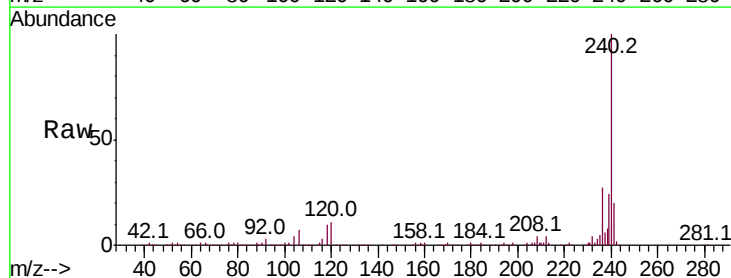


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

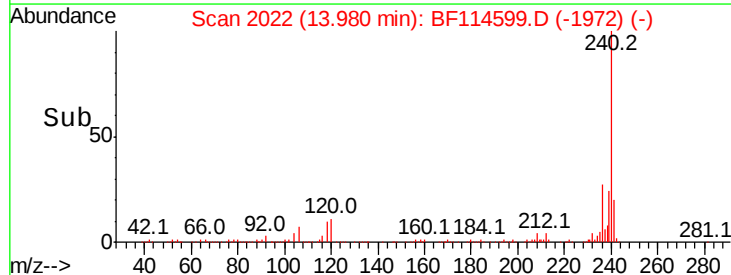
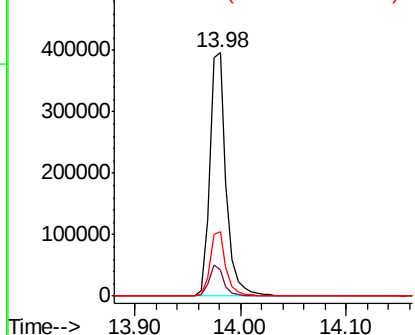


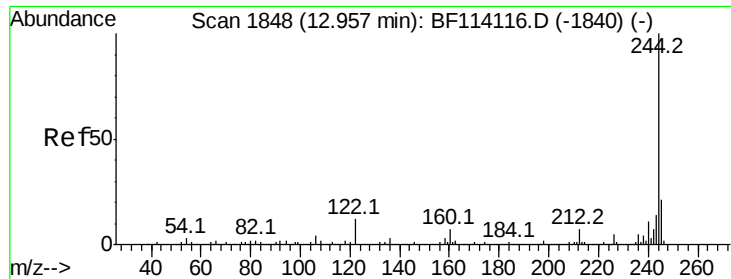
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Tgt Ion:240 Resp: 431191
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 26.7 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: 87.337 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Instrument :

BNA_F

ClientSampleId :

TP-8-D

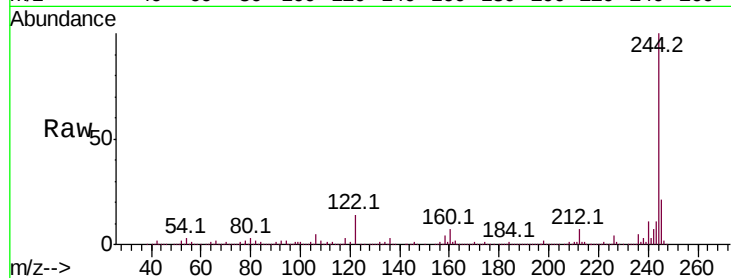
Tot Ion:244 Resp: 1826840

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

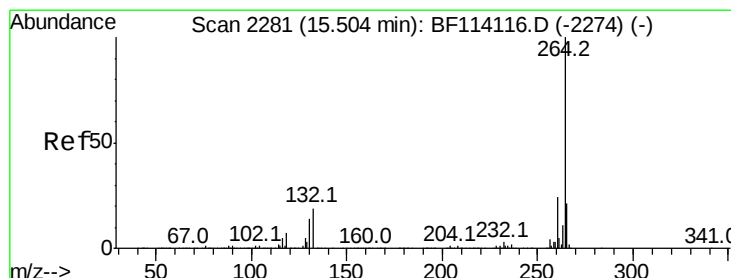
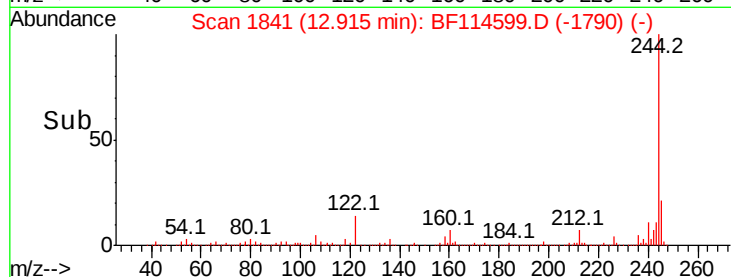
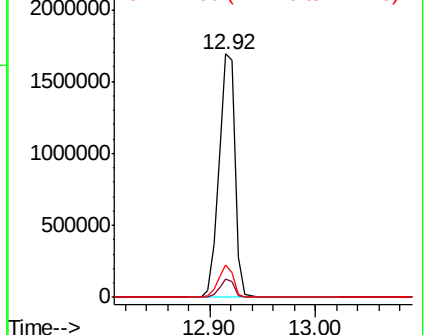
122 13.5 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

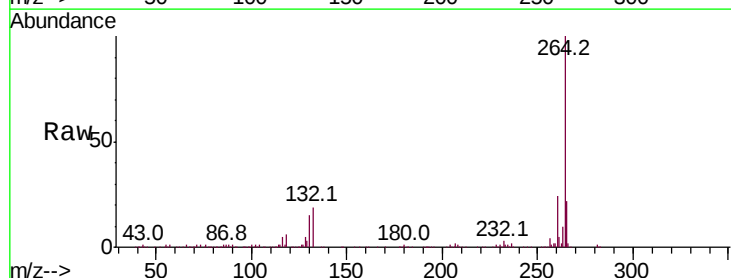
Tgt Ion:264 Resp: 438905

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.8 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

