

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116903.D
 Acq On : 9 Sep 2019 18:18
 Operator : HP/JU
 Sample : K4669-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-090519

Quant Time: Sep 10 03:01:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

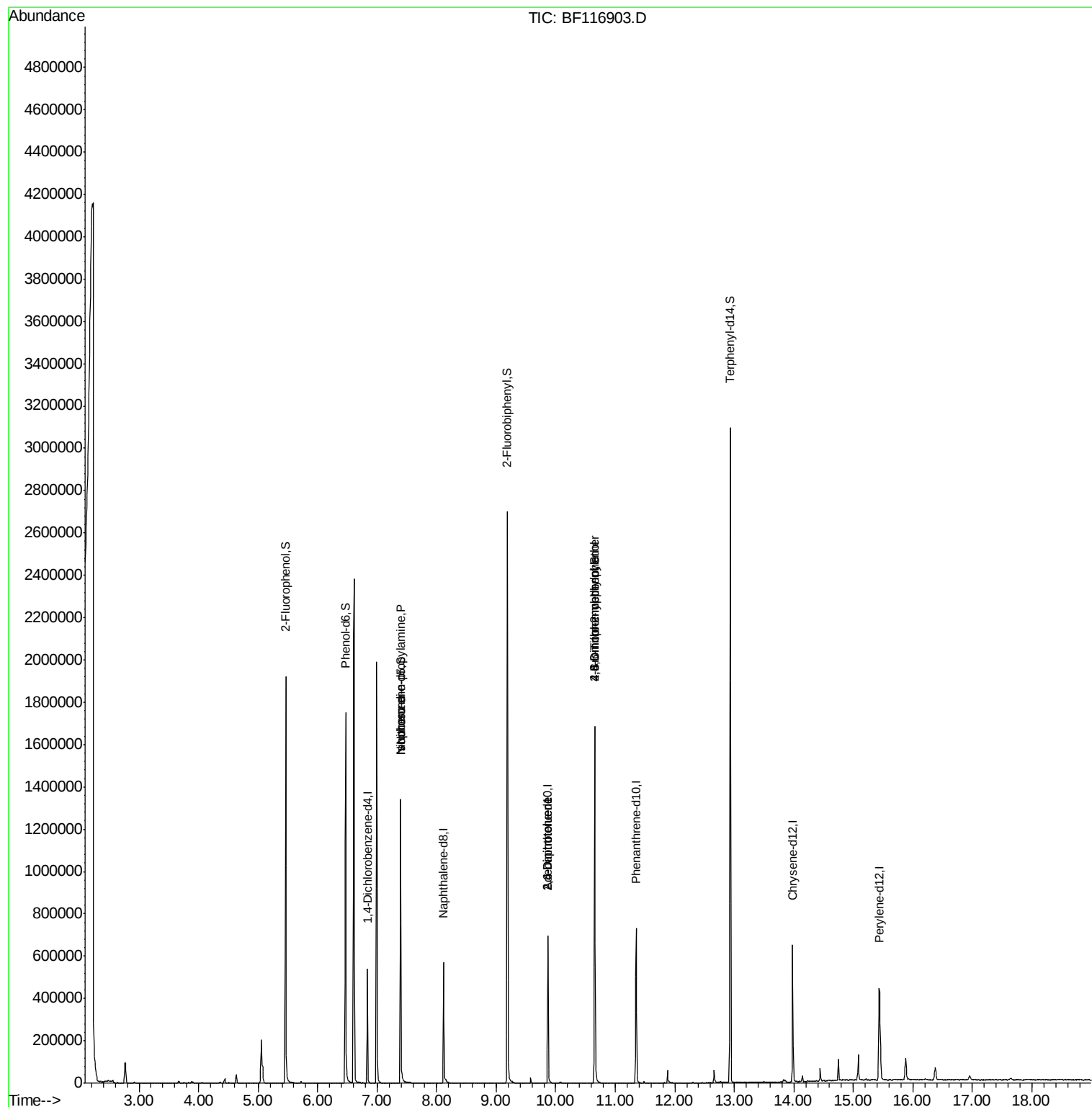
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74867	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	294894	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	154404	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	260373	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	220383	20.00	ng	-0.02
87) Perylene-d12	15.43	264	221730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	559375	121.04	ng	0.00
7) Phenol-d6	6.47	99	679162	111.92	ng	-0.01
23) Nitrobenzene-d5	7.39	82	525282	101.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	191345	185.37	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	913201	99.77	ng	-0.02
79) Terphenyl-d14	12.93	244	1014604	85.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	69982	17.515	ng	# 72
25) Isophorone	7.39	82	525279	50.182	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	20091	9.878	ng	# 21
57) 2,4-Dinitrotoluene	9.87	165	20091	8.079	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.65	198	290	7.707	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	12736	4.815	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
Data File : BF116903.D
Acq On : 9 Sep 2019 18:18
Operator : HP/JU
Sample : K4669-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-090519

Quant Time: Sep 10 03:01:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



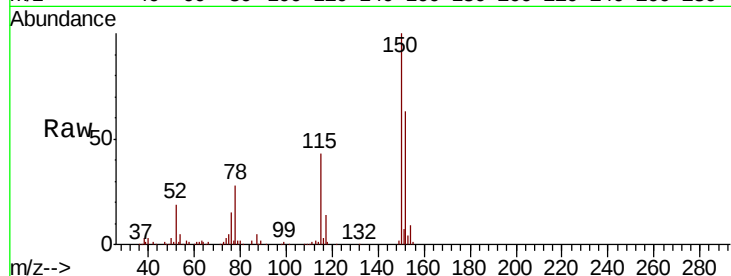


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116903.D
Acq: 9 Sep 2019 18:18

Instrument :
BNA_F
ClientSampleId :
TR-05-090519

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.4	186.6
115	68.0	49.9	74.9

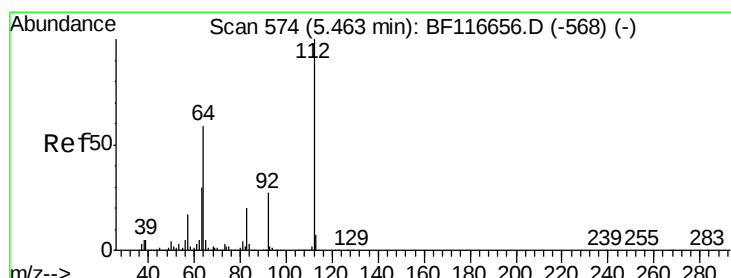
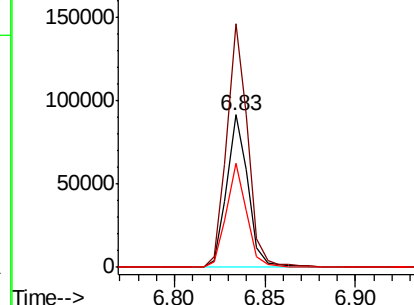
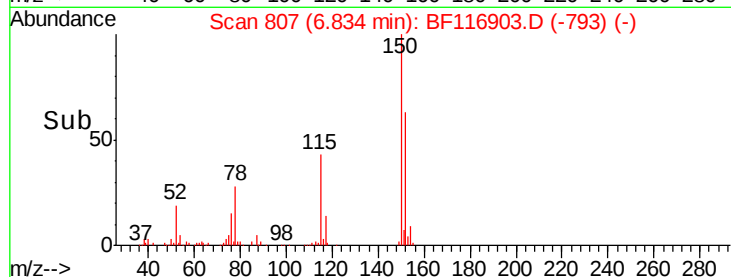


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

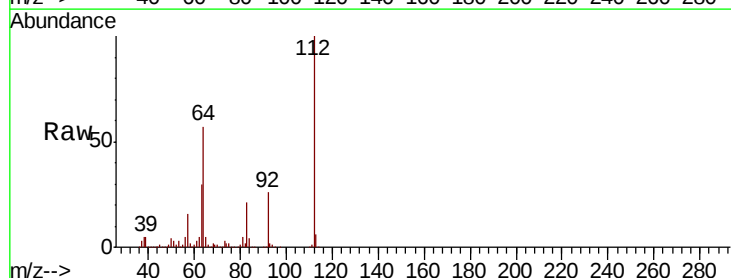
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.044 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116903.D
Acq: 9 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.1	70.7
63	30.3	24.9	37.3

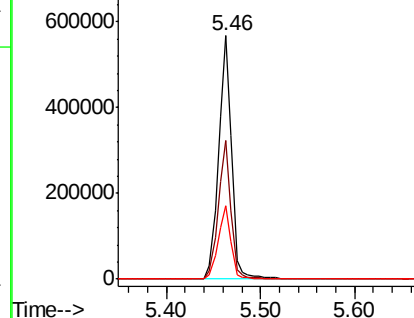
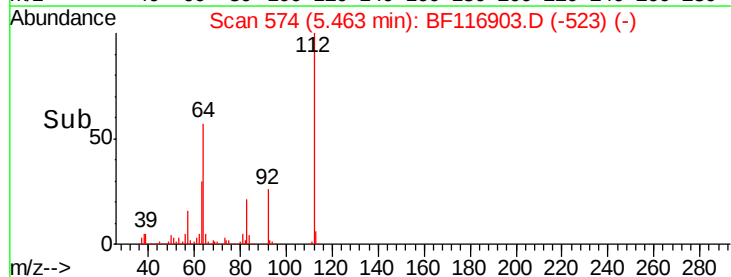


Abundance

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: 111.921 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

Instrument :

BNA_F

ClientSampleId :

TR-05-090519

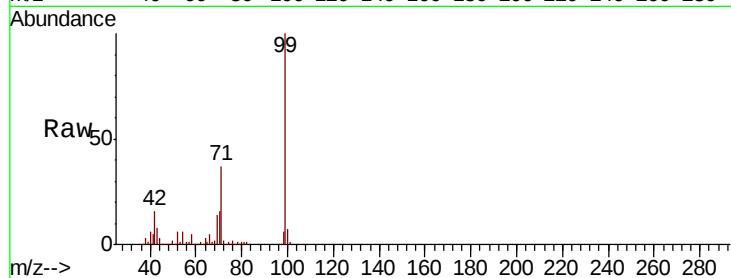
Tgt Ion: 99 Resp: 679162

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

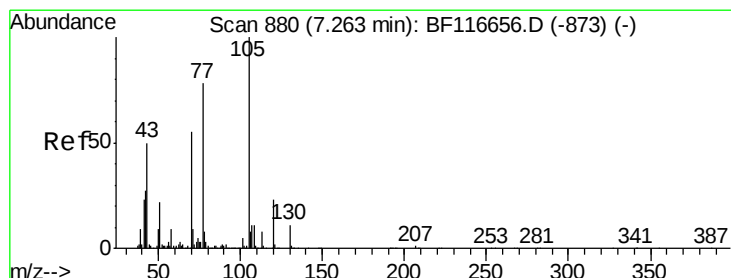
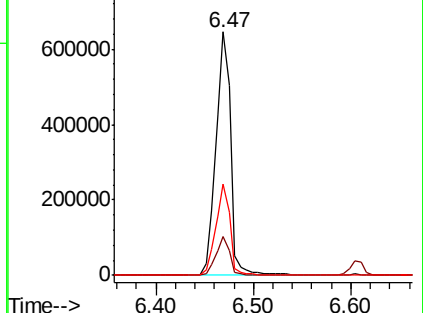
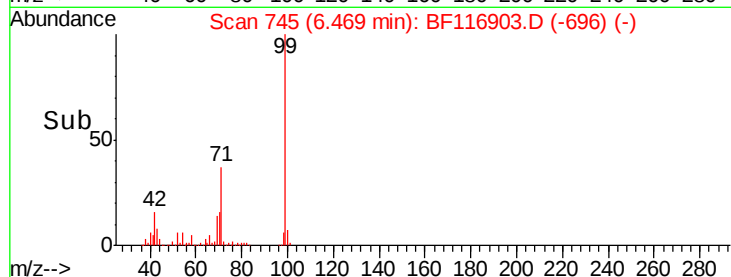
71 37.3 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.515 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

Tgt Ion: 70 Resp: 69982

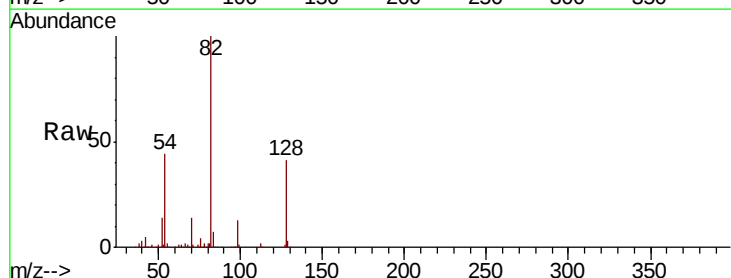
Ion Ratio Lower Upper

70 100

42 37.0 43.5 65.3#

101 0.0 7.8 11.6#

130 2.1 16.6 24.8#

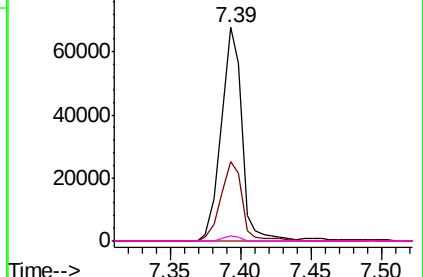
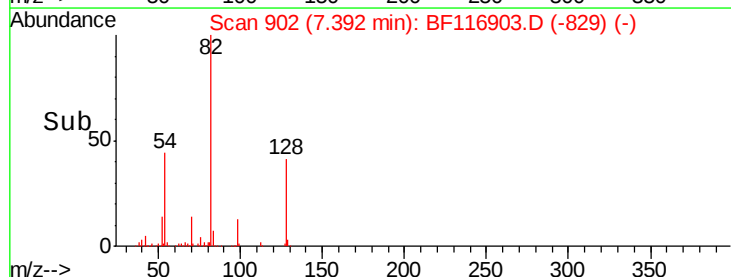


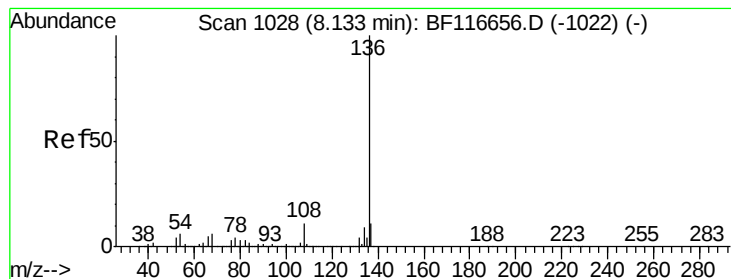
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

Instrument :

BNA_F

ClientSampleId :

TR-05-090519

Tgt Ion: 136 Resp: 294894

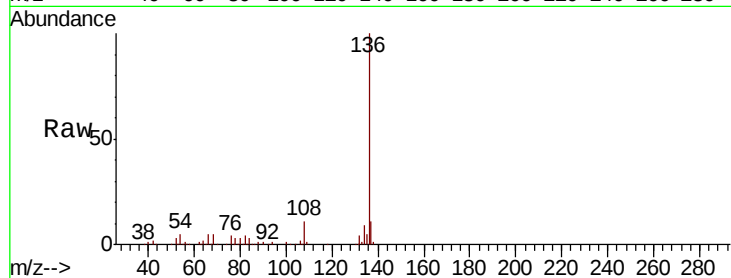
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.4 4.8 7.2

68 4.9 4.0 6.0

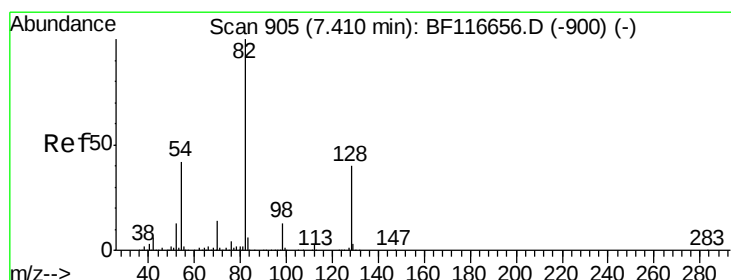
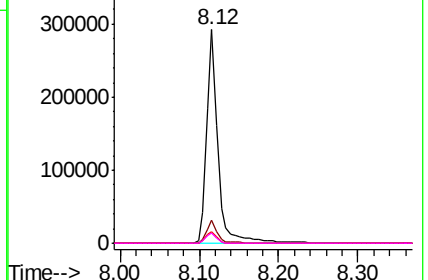
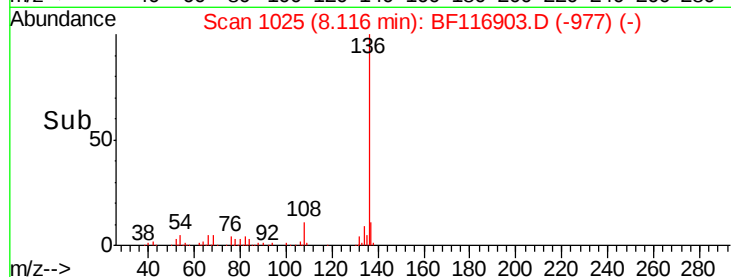


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.687 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

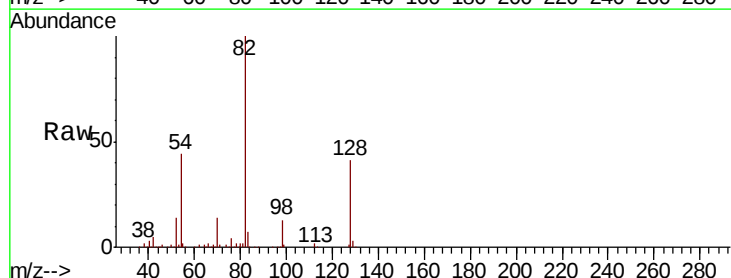
Tgt Ion: 82 Resp: 525282

Ion Ratio Lower Upper

82 100

128 41.4 32.8 49.2

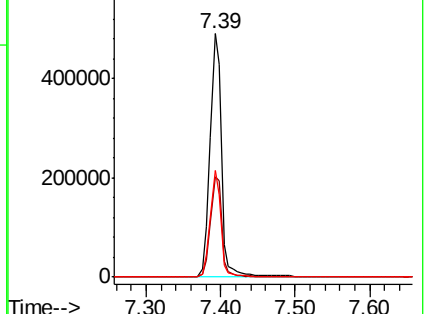
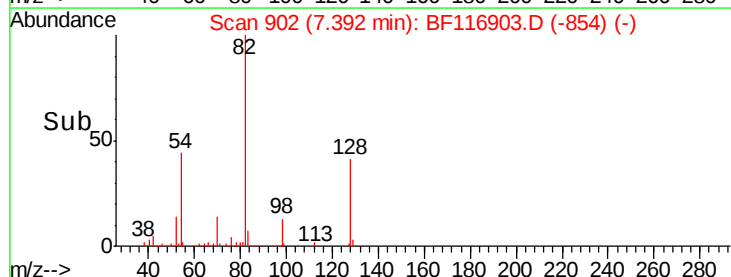
54 43.6 36.9 55.3

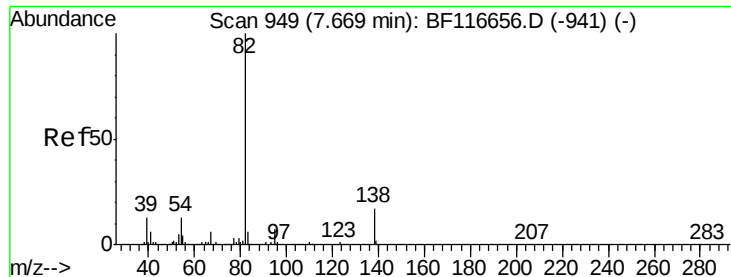


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.182 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

Instrument :

BNA_F

ClientSampleId :

TR-05-090519

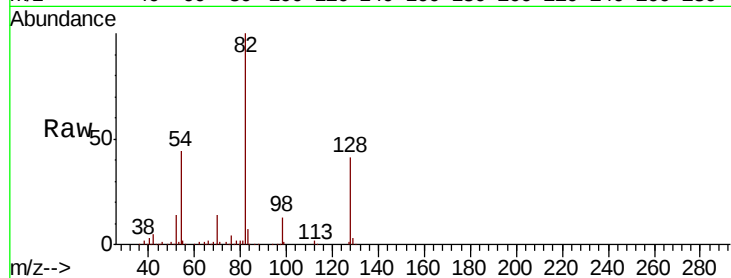
Tgt Ion: 82 Resp: 525279

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

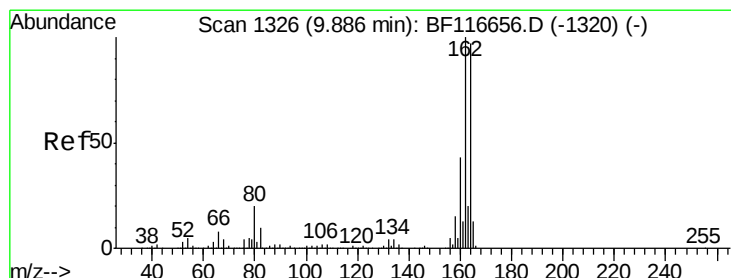
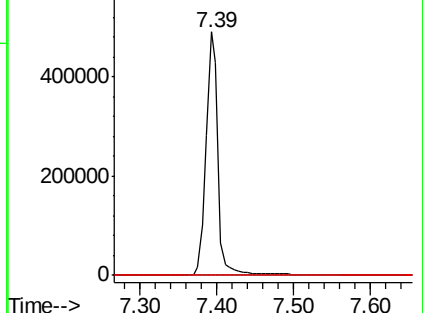
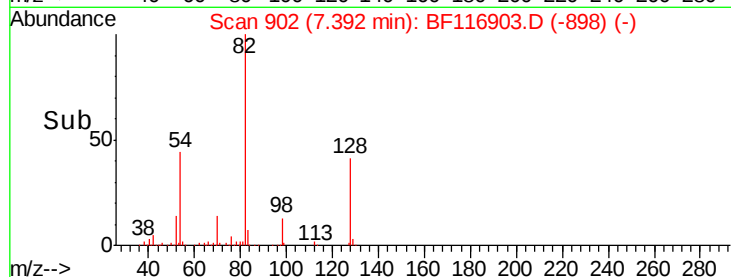
138 0.0 13.5 20.3#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

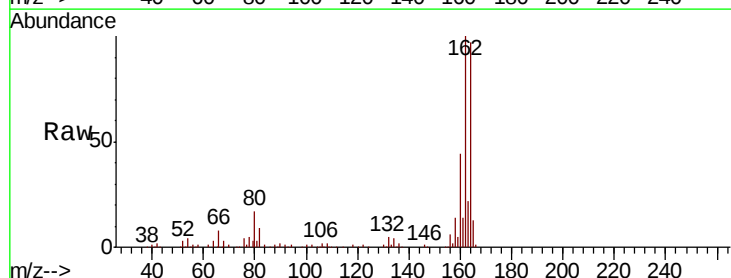
Tgt Ion: 164 Resp: 154404

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

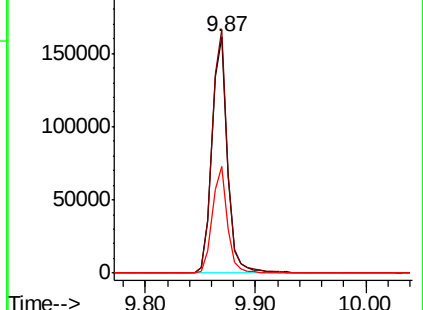
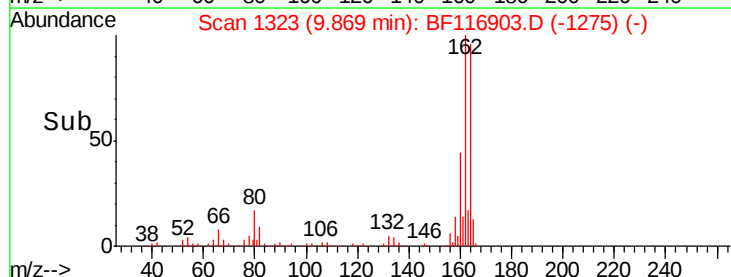
160 45.1 35.4 53.2

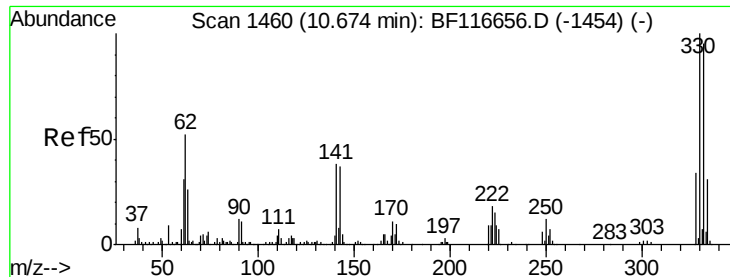


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

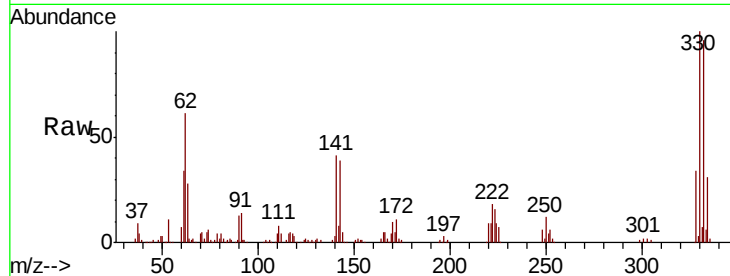




#42
 2,4,6-Tribromophenol
 Concen: 185.372 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116903.D
 Acq: 9 Sep 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-090519

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	44.3	31.4	47.2

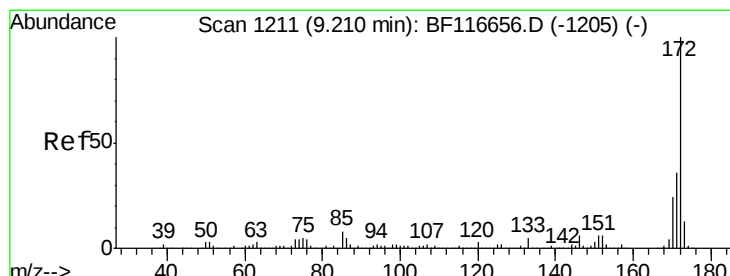
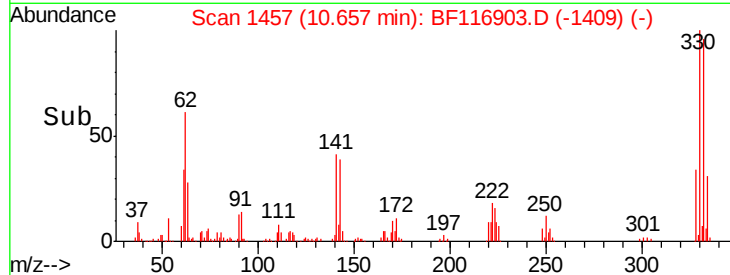
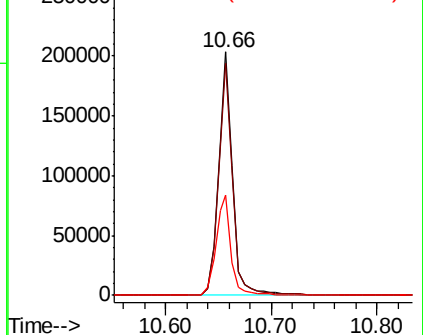


Abundance

Ion 329.80 (329.50 to 330.50): E

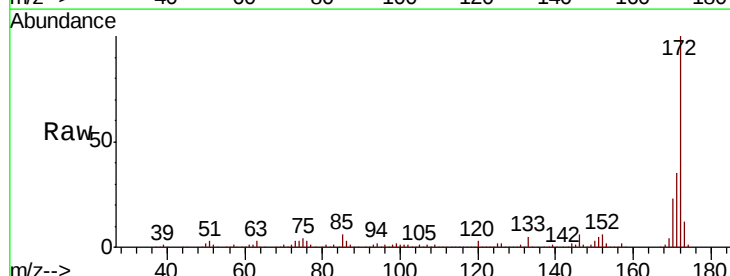
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.769 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF116903.D
 Acq: 9 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.3	18.9	28.3

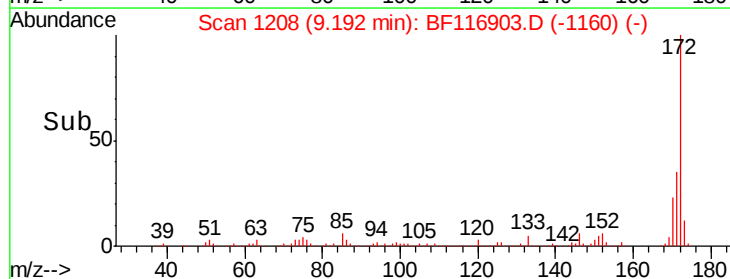
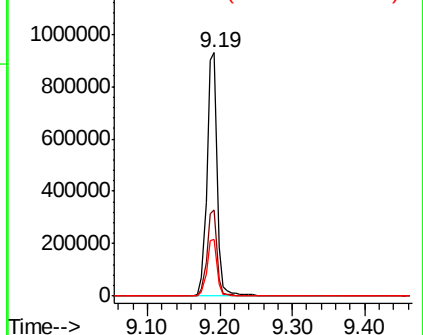


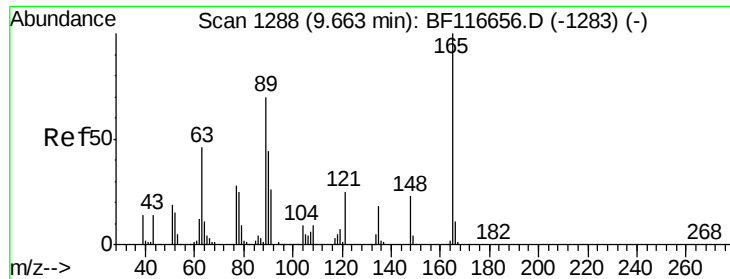
Abundance

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

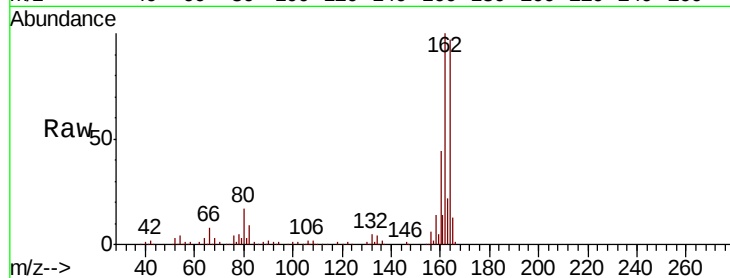




#51
 2,6-Dinitrotoluene
 Concen: 9.878 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.21 min
 Lab File: BF116903.D
 Acq: 9 Sep 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-090519

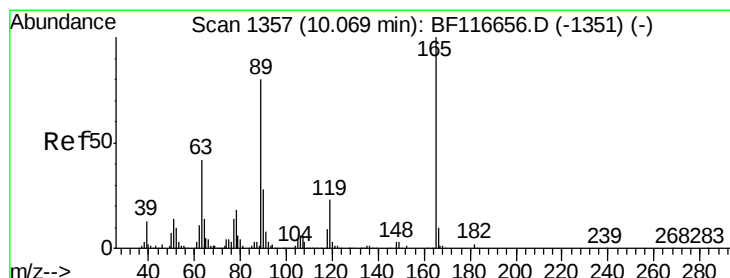
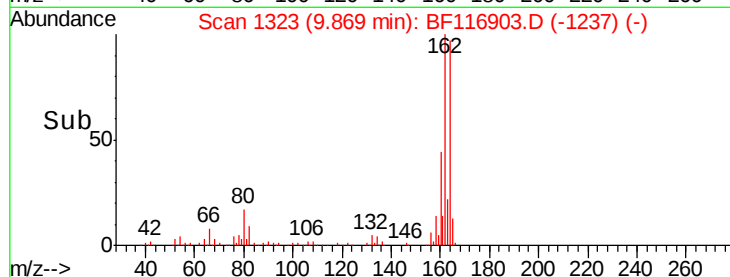
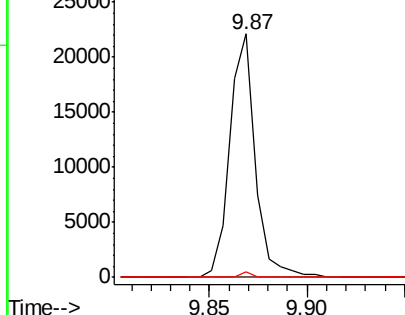
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	2.3	52.5	78.7#



Abundance Ion 165.00 (164.70 to 165.70): E

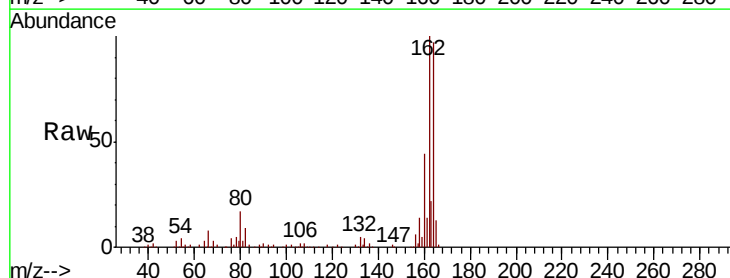
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 8.079 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.20 min
 Lab File: BF116903.D
 Acq: 9 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.3	62.6	94.0#
182	0.0	2.1	3.1#

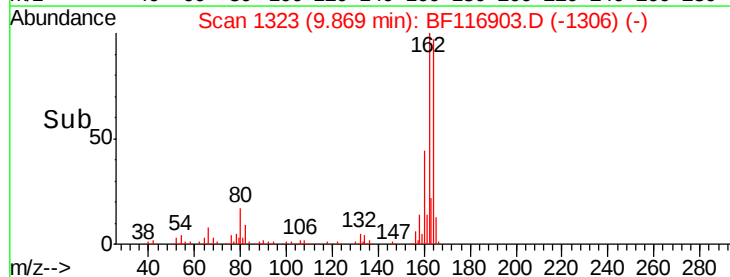
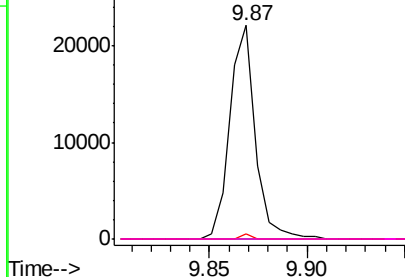


Abundance Ion 165.00 (164.70 to 165.70): E

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

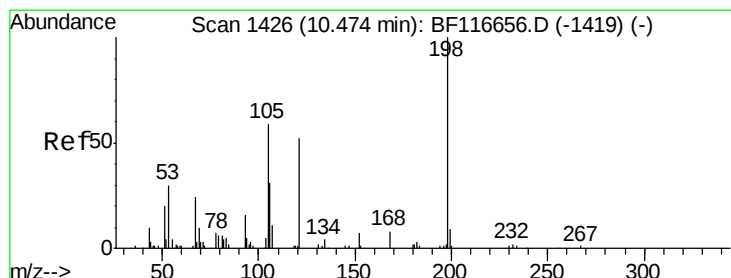
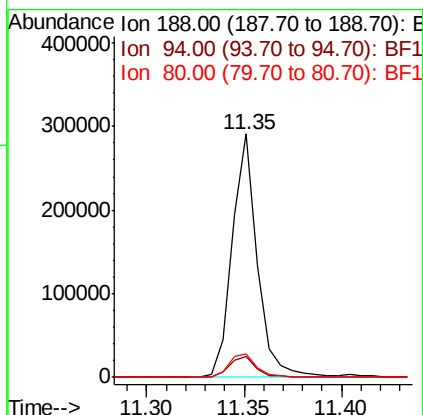
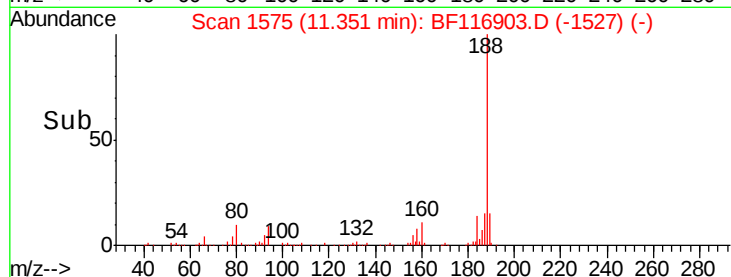
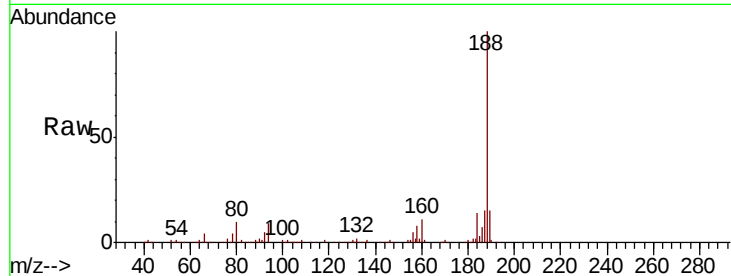




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116903.D
Acq: 9 Sep 2019 18:18

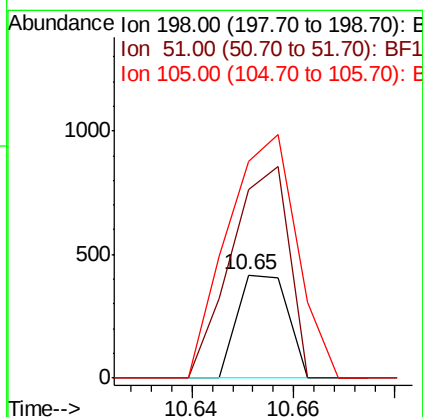
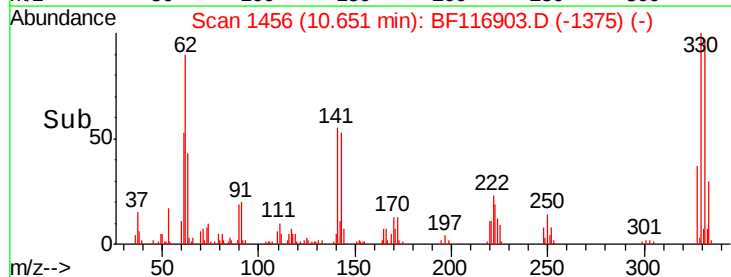
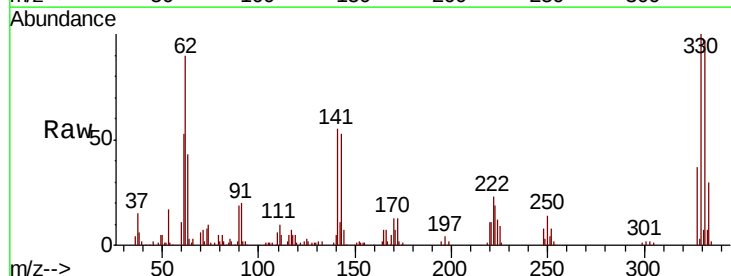
Instrument :
BNA_F
ClientSampleId :
TR-05-090519

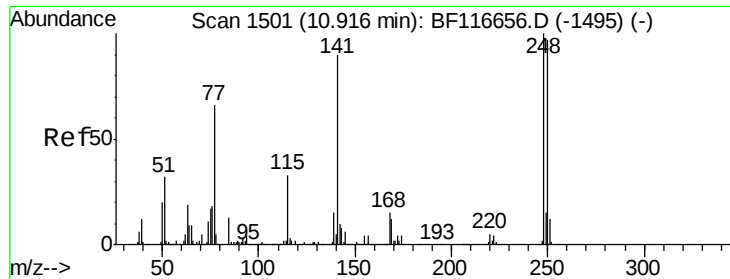
Tgt Ion:188 Resp: 260373
Ion Ratio Lower Upper
188 100
94 8.8 7.3 10.9
80 9.8 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.707 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.18 min
Lab File: BF116903.D
Acq: 9 Sep 2019 18:18

Tgt Ion:198 Resp: 290
Ion Ratio Lower Upper
198 100
51 183.0 18.4 58.4#
105 210.0 22.9 62.9#

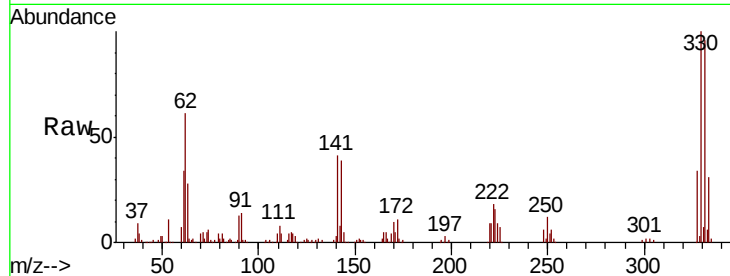




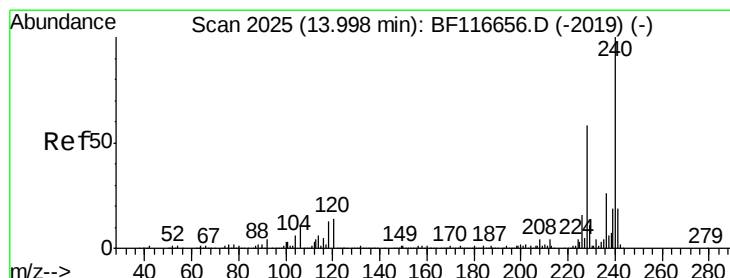
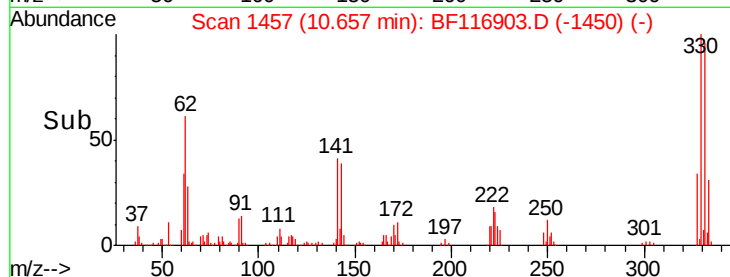
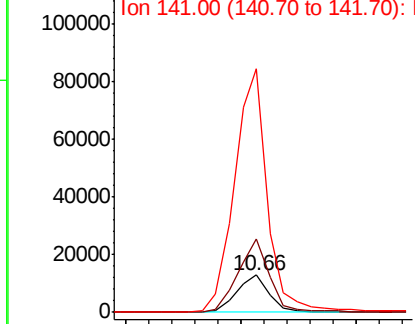
#67
4-Bromophenyl-phenylether
Concen: 4.815 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF116903.D
Acq: 9 Sep 2019 18:18

Instrument :
BNA_F
ClientSampleId :
TR-05-090519

Tgt Ion:248 Resp: 12736
Ion Ratio Lower Upper
248 100
250 195.3 77.8 116.8#
141 652.6 75.9 113.9#

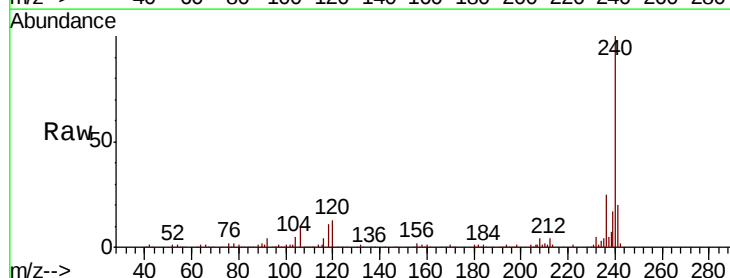


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

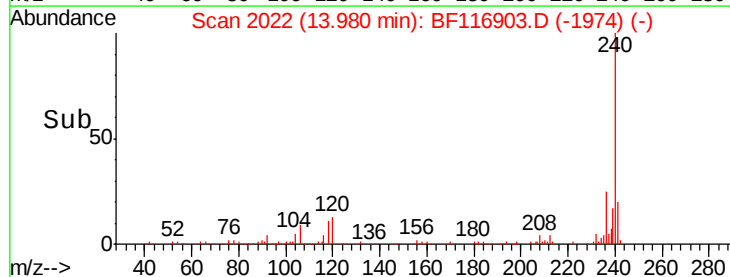
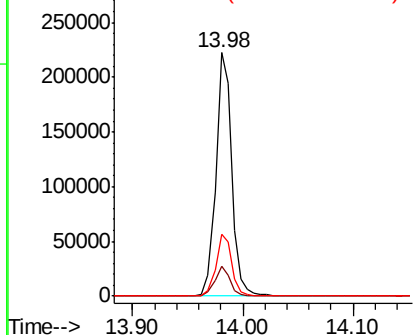


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116903.D
Acq: 9 Sep 2019 18:18

Tgt Ion:240 Resp: 220383
Ion Ratio Lower Upper
240 100
120 12.5 9.1 13.7
236 25.2 21.1 31.7



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: 85.168 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

Instrument :

BNA_F

ClientSampleId :

TR-05-090519

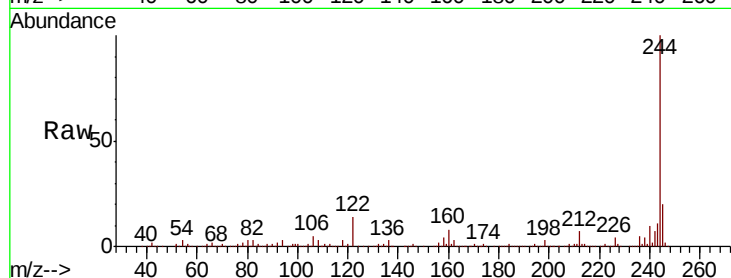
Tgt Ion:244 Resp: 1014604

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

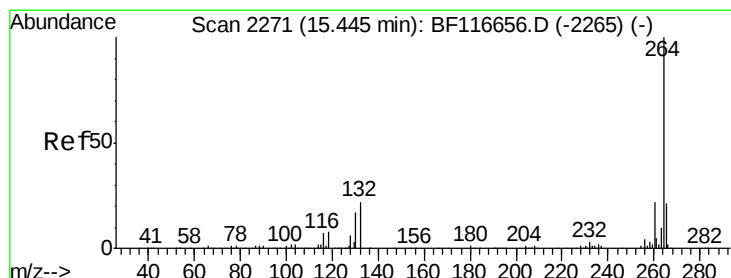
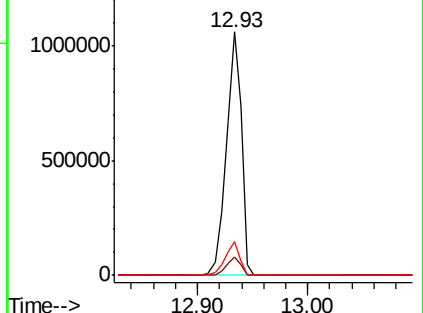
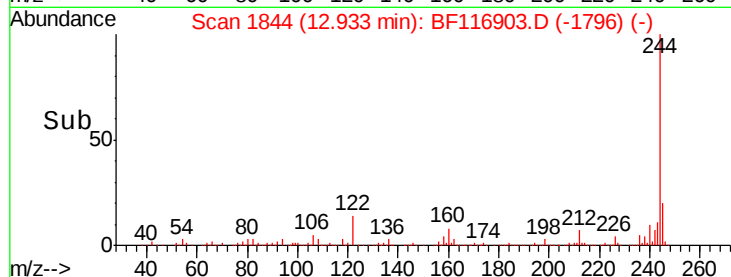
122 14.1 10.2 15.4



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: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF116903.D

Acq: 9 Sep 2019 18:18

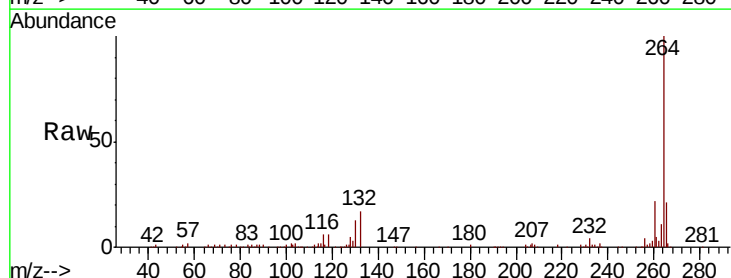
Tgt Ion:264 Resp: 221730

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.6 16.5 24.7



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

