

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114401.D
 Acq On : 18 May 2019 19:43
 Operator : JU/SJ
 Sample : K2894-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:11:49 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 10 15:56:46 2019
 Response via : Initial Calibration

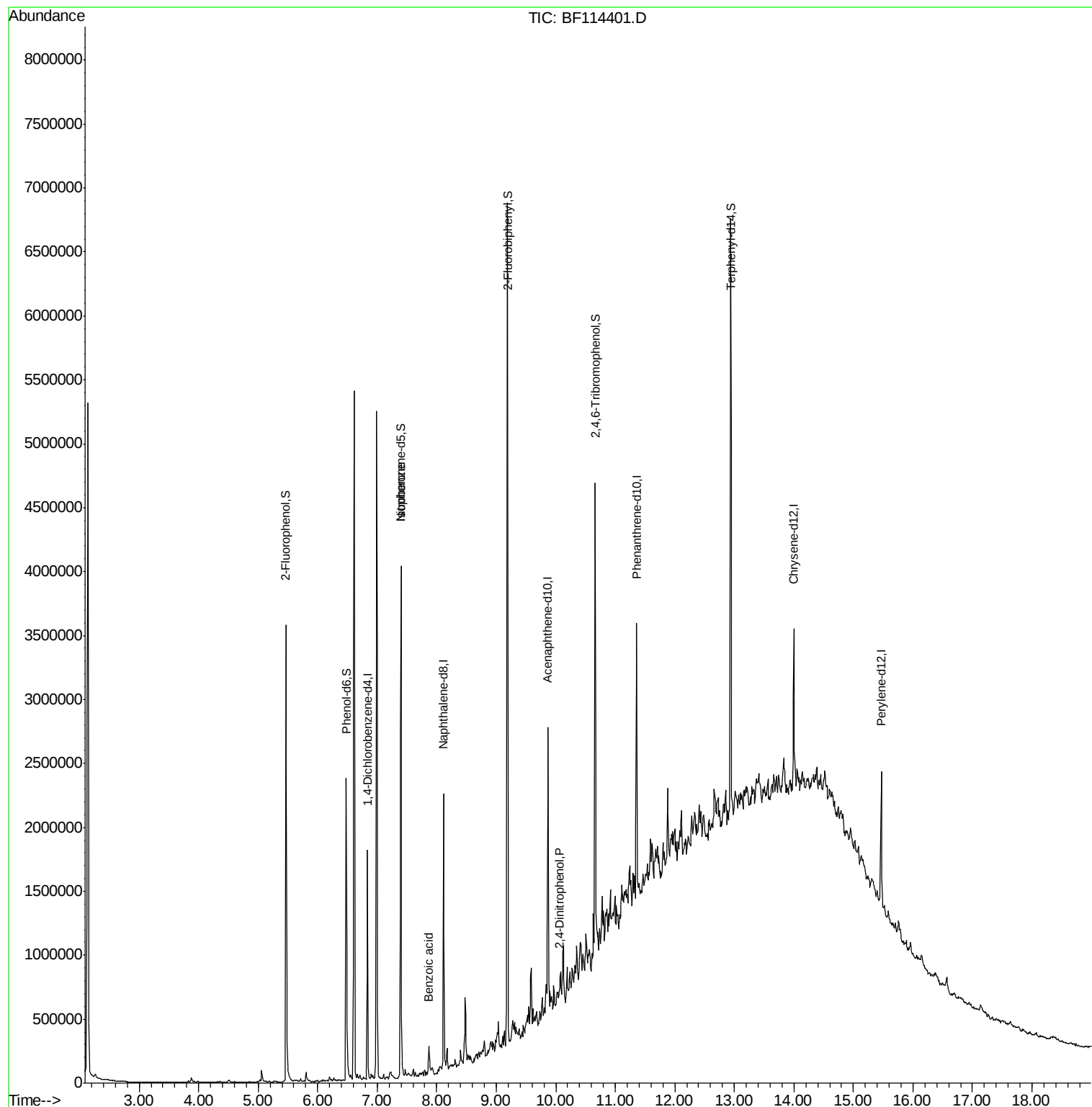
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	256782	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	971084	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	440875	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	768250	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	421345	20.00	ng	-0.02
87) Perylene-d12	15.47	264	494822	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1032749	64.72	ng	-0.01
7) Phenol-d6	6.48	99	926105	49.07	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1471995	85.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	502800	110.31	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2414549	82.84	ng	-0.02
79) Terphenyl-d14	12.94	244	1902028	93.06	ng	-0.02
Target Compounds						
25) Isophorone	7.40	82	1464837	45.646	ng	# 64
32) Benzoic acid	7.87	122	9711	7.886	ng	# 71
54) 2,4-Dinitrophenol	10.05	184	350	6.834	ng	# 1

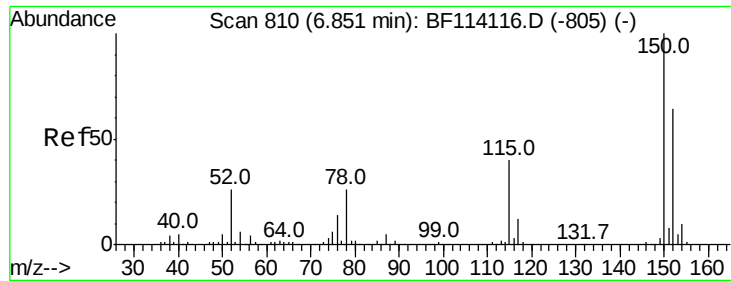
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



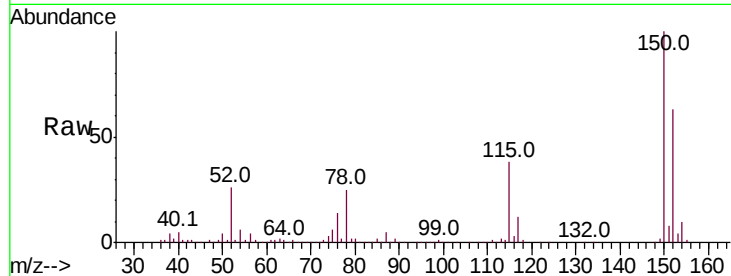


#1

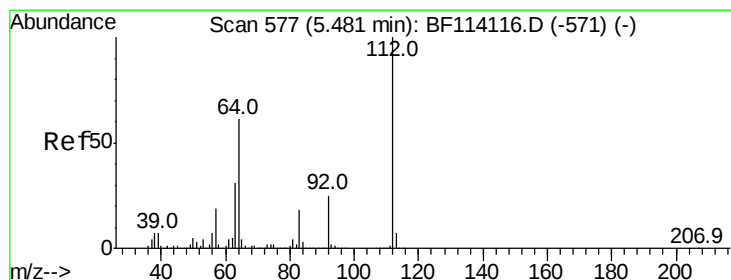
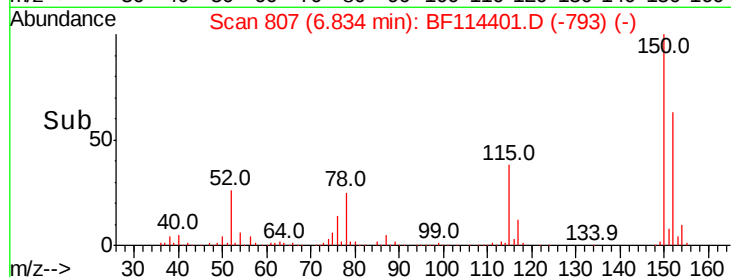
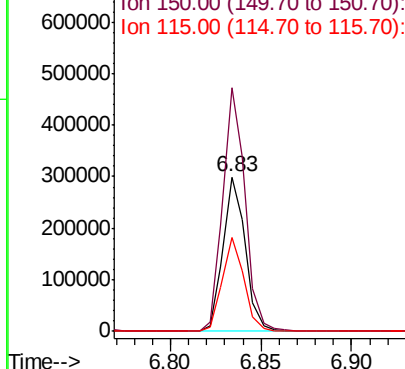
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114401.D
Acq: 18 May 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 256782
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 60.6 49.1 73.7



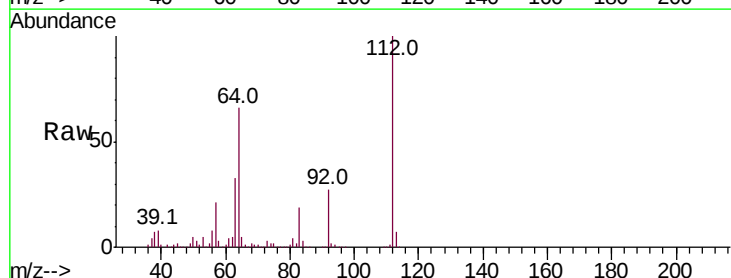
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



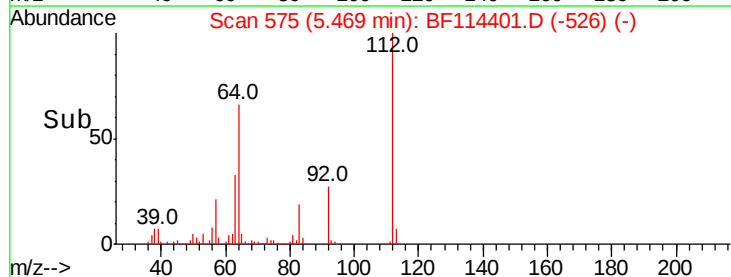
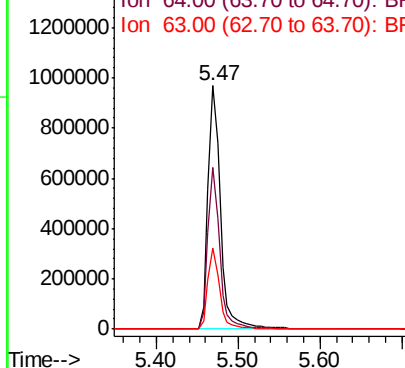
#5

2-Fluorophenol
Concen: 64.723 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114401.D
Acq: 18 May 2019 19:43

Tgt Ion:112 Resp: 1032749
Ion Ratio Lower Upper
112 100
64 66.2 49.0 73.6
63 33.3 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: 49.072 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114401.D

Acq: 18 May 2019 19:43

Instrument :

BNA_F

ClientSampleId :

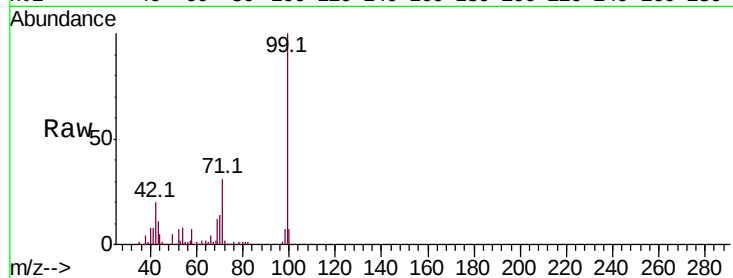
Tot Ion: 99 Resp: 926105

Ion Ratio Lower Upper

99 100

42 20.5 17.9 26.9

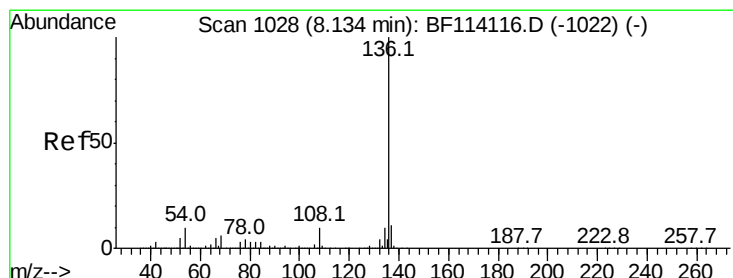
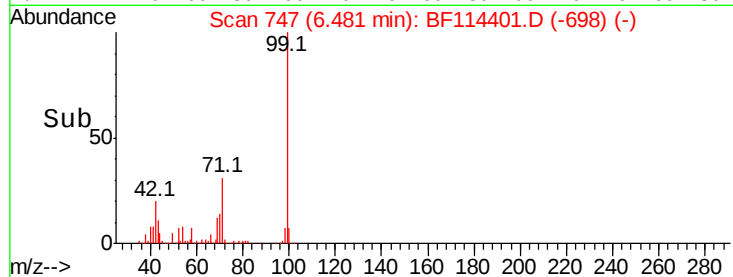
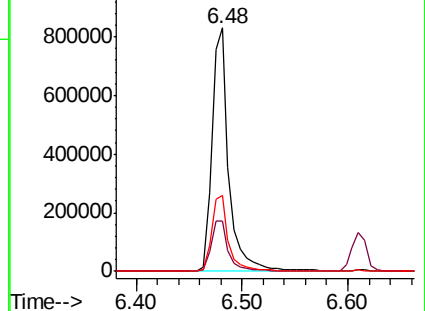
71 31.1 26.2 39.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114401.D

Acq: 18 May 2019 19:43

Tgt Ion: 136 Resp: 971084

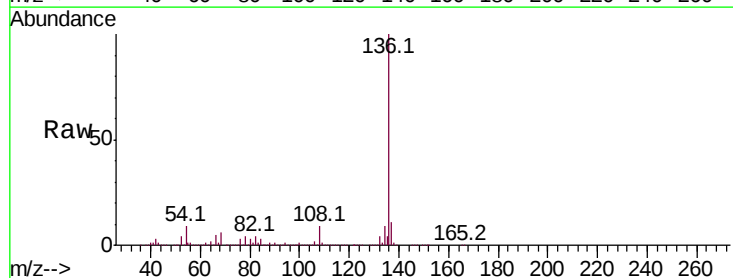
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.2 7.8 11.8

68 6.1 5.1 7.7

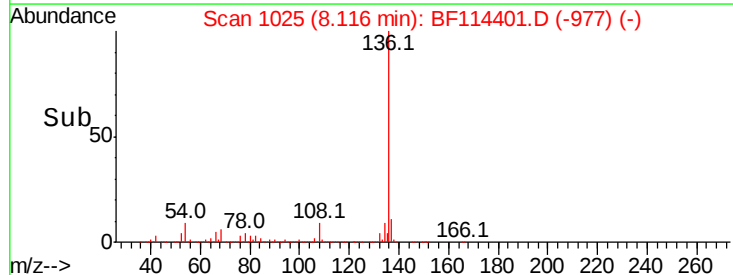
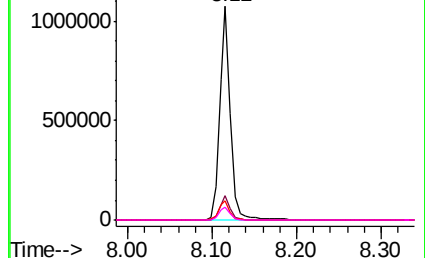


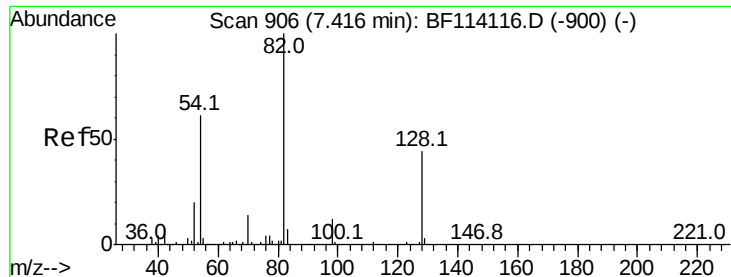
Abundance Ion 136.00 (135.70 to 136.70): E

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

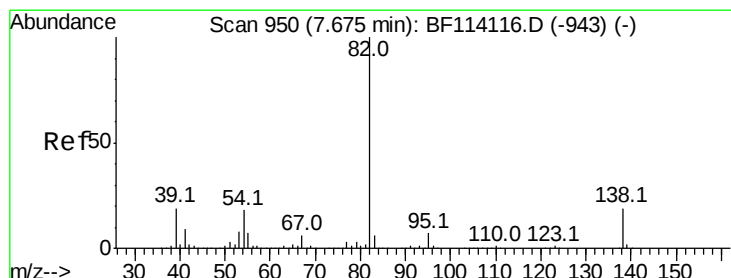
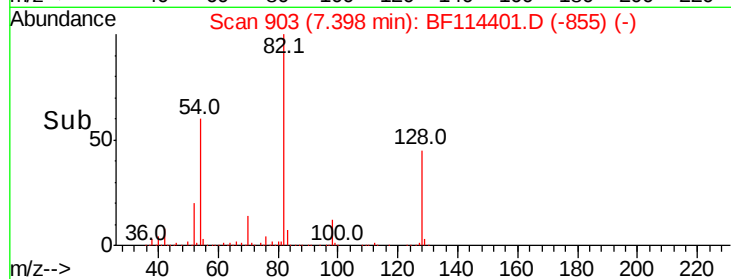
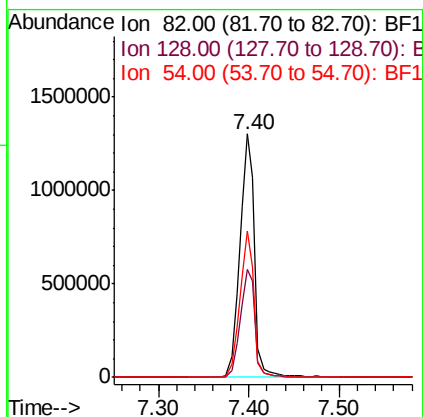
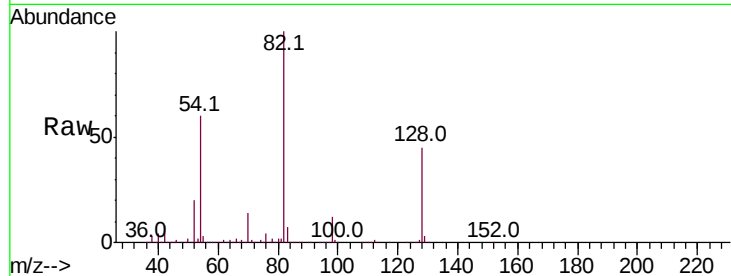




#23
Nitrobenzene-d5
Concen: 85.068 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114401.D
Acq: 18 May 2019 19:43

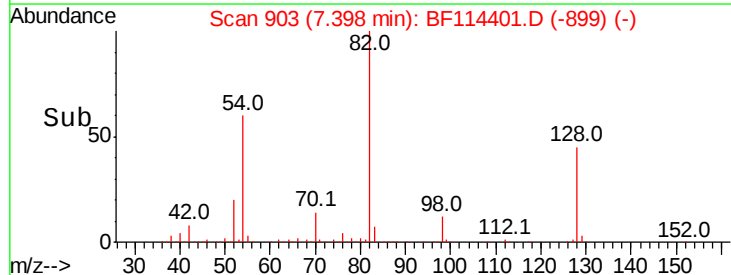
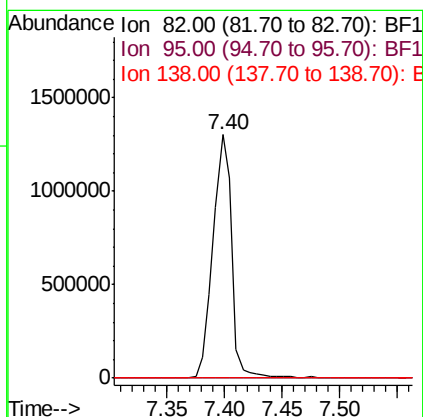
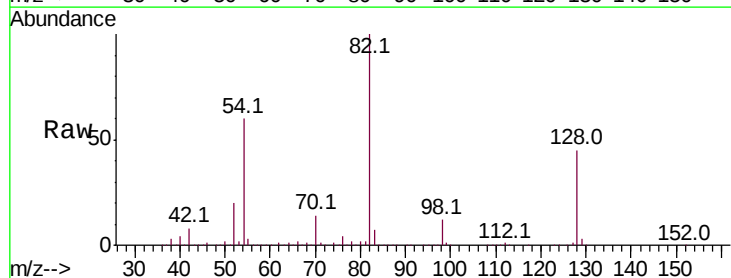
Instrument :
BNA_F
ClientSampleId :

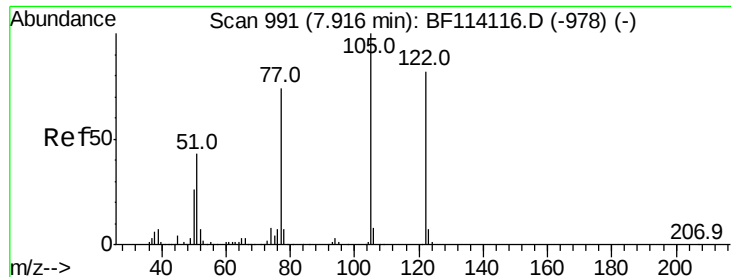
Tot Ion: 82 Resp: 1471995
Ion Ratio Lower Upper
82 100
128 44.5 35.5 53.3
54 60.2 48.5 72.7



#25
Isophorone
Concen: 45.646 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF114401.D
Acq: 18 May 2019 19:43

Tgt Ion: 82 Resp: 1464837
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#





#32

Benzoic acid

Concen: 7.886 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.04 min

Lab File: BF114401.D

Acq: 18 May 2019 19:43

Instrument :

BNA_F

ClientSampled :

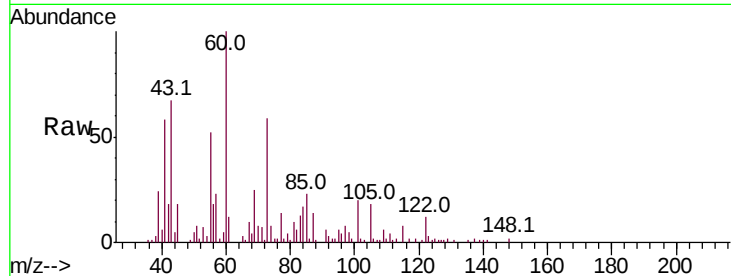
Tot Ion:122 Resp: 9711

Ion Ratio Lower Upper

122 100

105 151.8 99.9 139.9#

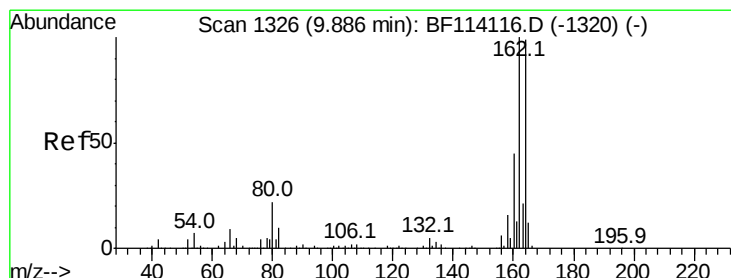
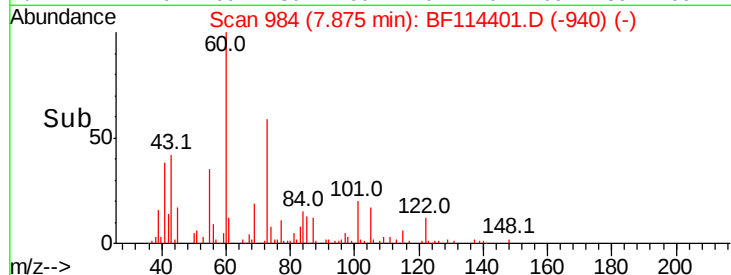
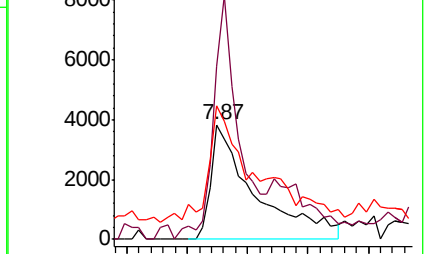
77 116.5 69.4 109.4#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114401.D

Acq: 18 May 2019 19:43

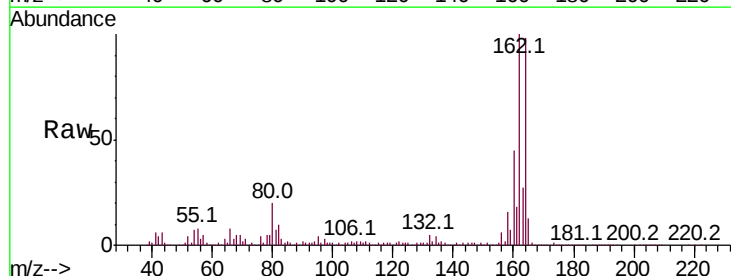
Tgt Ion:164 Resp: 440875

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

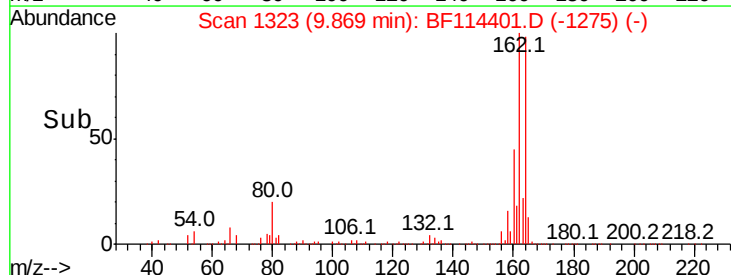
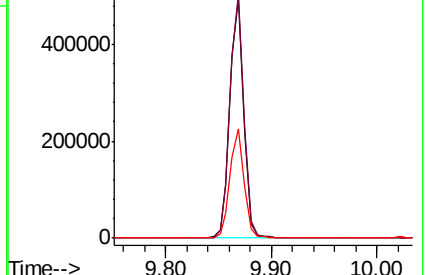
160 45.4 36.5 54.7



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

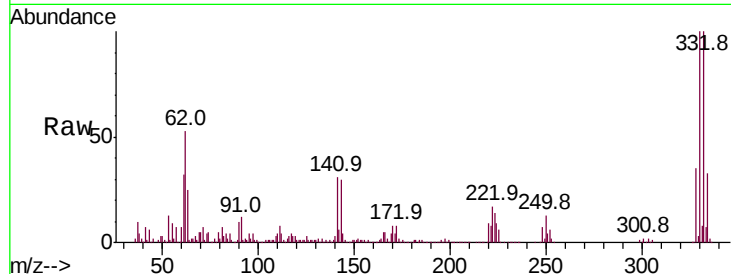




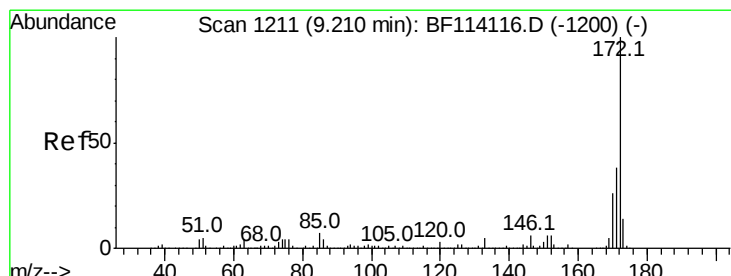
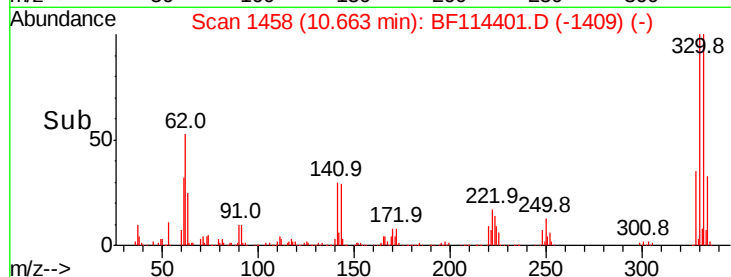
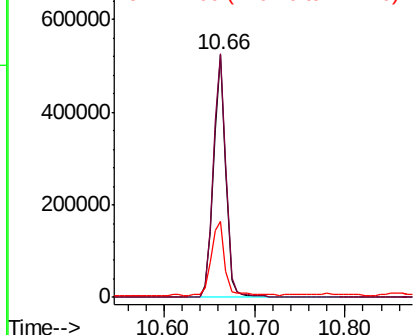
#42
 2,4,6-Tribromophenol
 Concen: 110.314 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF114401.D
 Acq: 18 May 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 502800
 Ion Ratio Lower Upper
 330 100
 332 102.8 81.4 122.2
 141 32.4 26.6 40.0

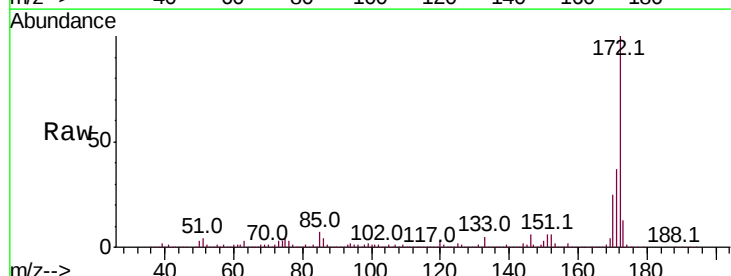


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

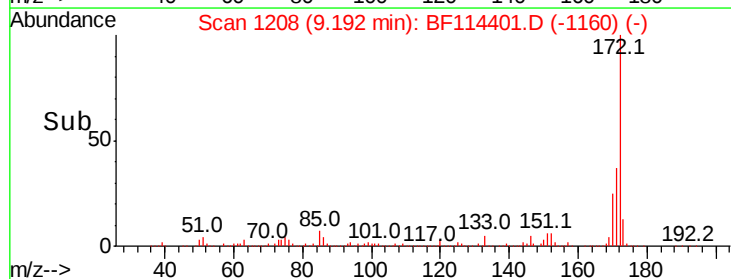
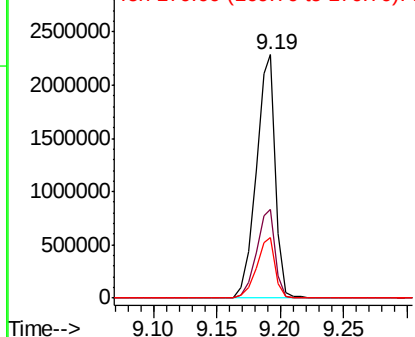


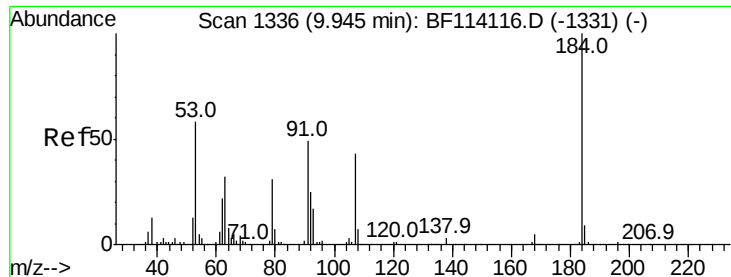
#45
 2-Fluorobiphenyl
 Concen: 82.844 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF114401.D
 Acq: 18 May 2019 19:43

Tgt Ion:172 Resp: 2414549
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.7 46.1
 170 24.7 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





#54

2,4-Dinitrophenol

Concen: 6.834 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.11 min

Lab File: BF114401.D

Acq: 18 May 2019 19:43

Instrument :

BNA_F

ClientSampleId :

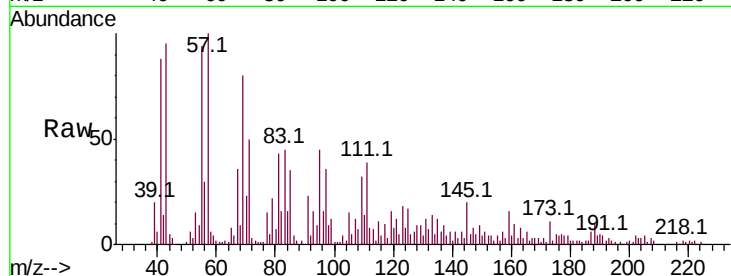
Tot Ion:184 Resp: 350

Ion Ratio Lower Upper

184 100

63 176.0 55.6 83.4#

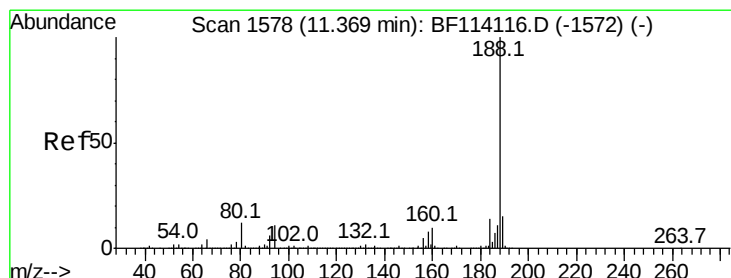
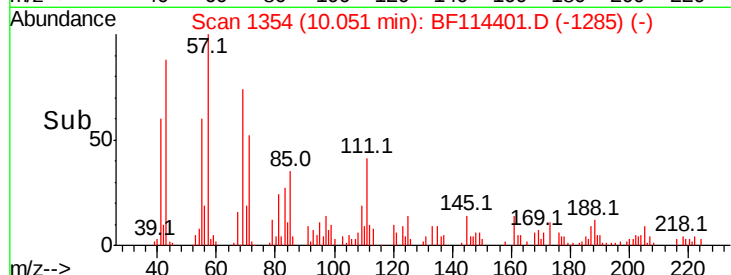
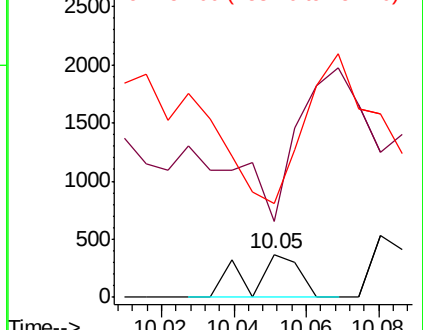
154 218.1 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF114401.D

Acq: 18 May 2019 19:43

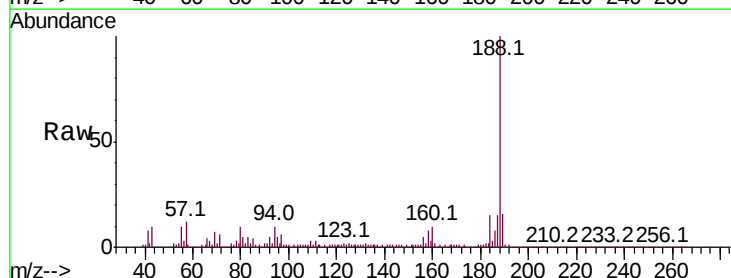
Tgt Ion:188 Resp: 768250

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

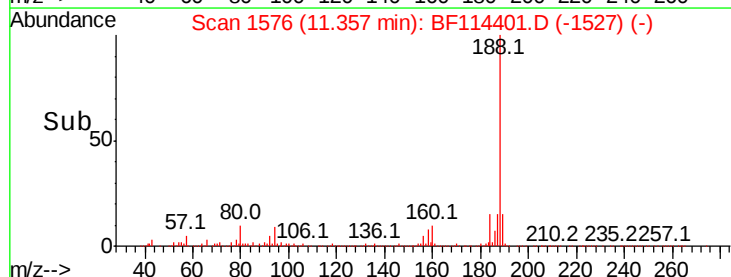
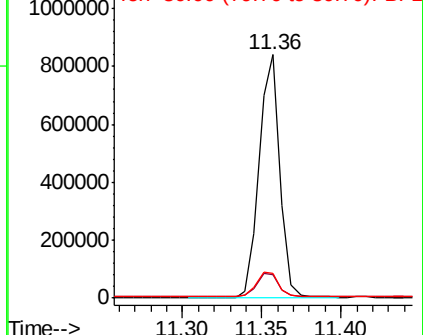
80 10.3 9.2 13.8

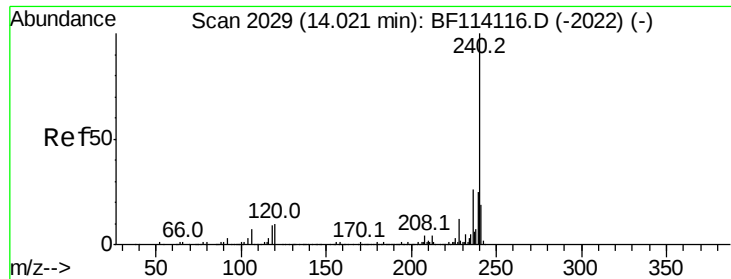


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

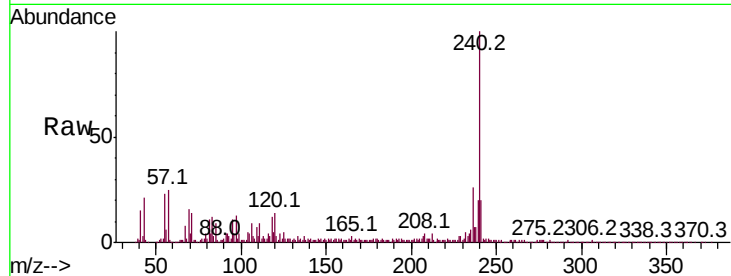




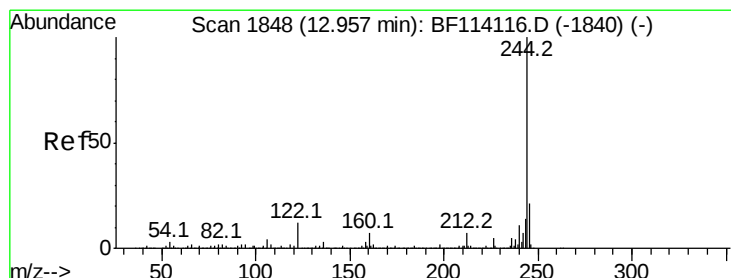
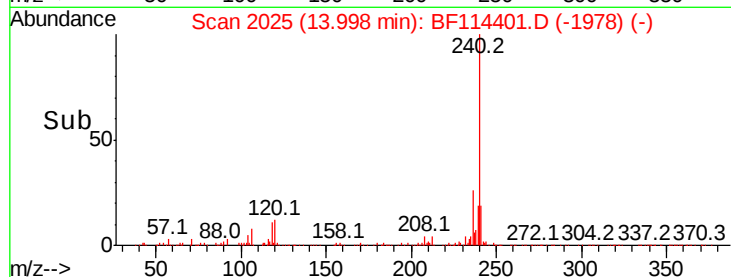
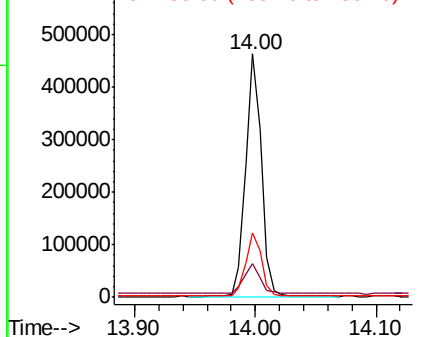
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF114401.D
 Acq: 18 May 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 421345
 Ion Ratio Lower Upper
 240 100
 120 13.9 8.3 12.5#
 236 26.3 20.8 31.2

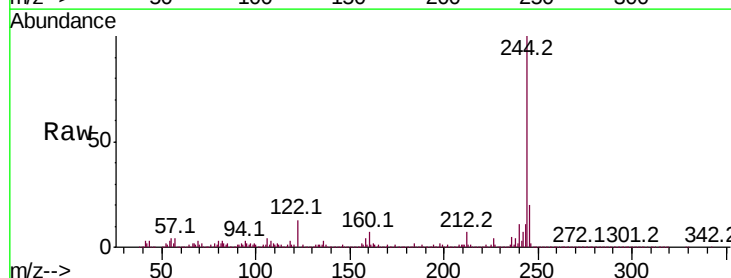


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

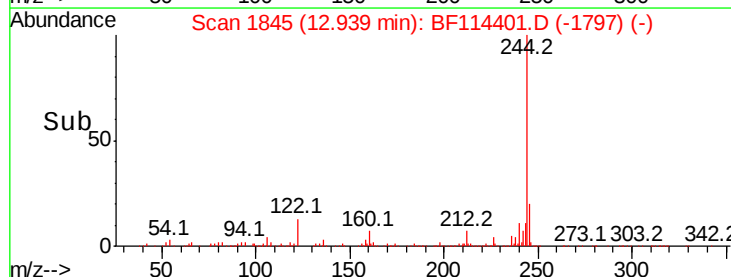
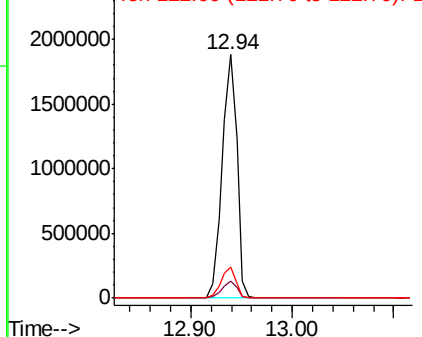


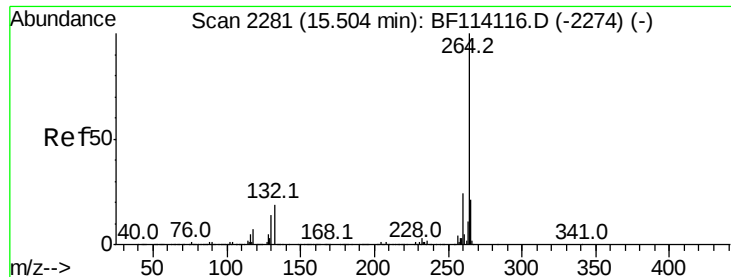
#79
 Terphenyl-d14
 Concen: 93.057 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: BF114401.D
 Acq: 18 May 2019 19:43

Tgt Ion:244 Resp: 1902028
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 12.8 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: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114401.D
Acq: 18 May 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.2	16.9	25.3

