

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114191.D
 Acq On : 12 May 2019 14:46
 Operator : JU/SJ
 Sample : K2766-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

Quant Time: May 13 07:44:17 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

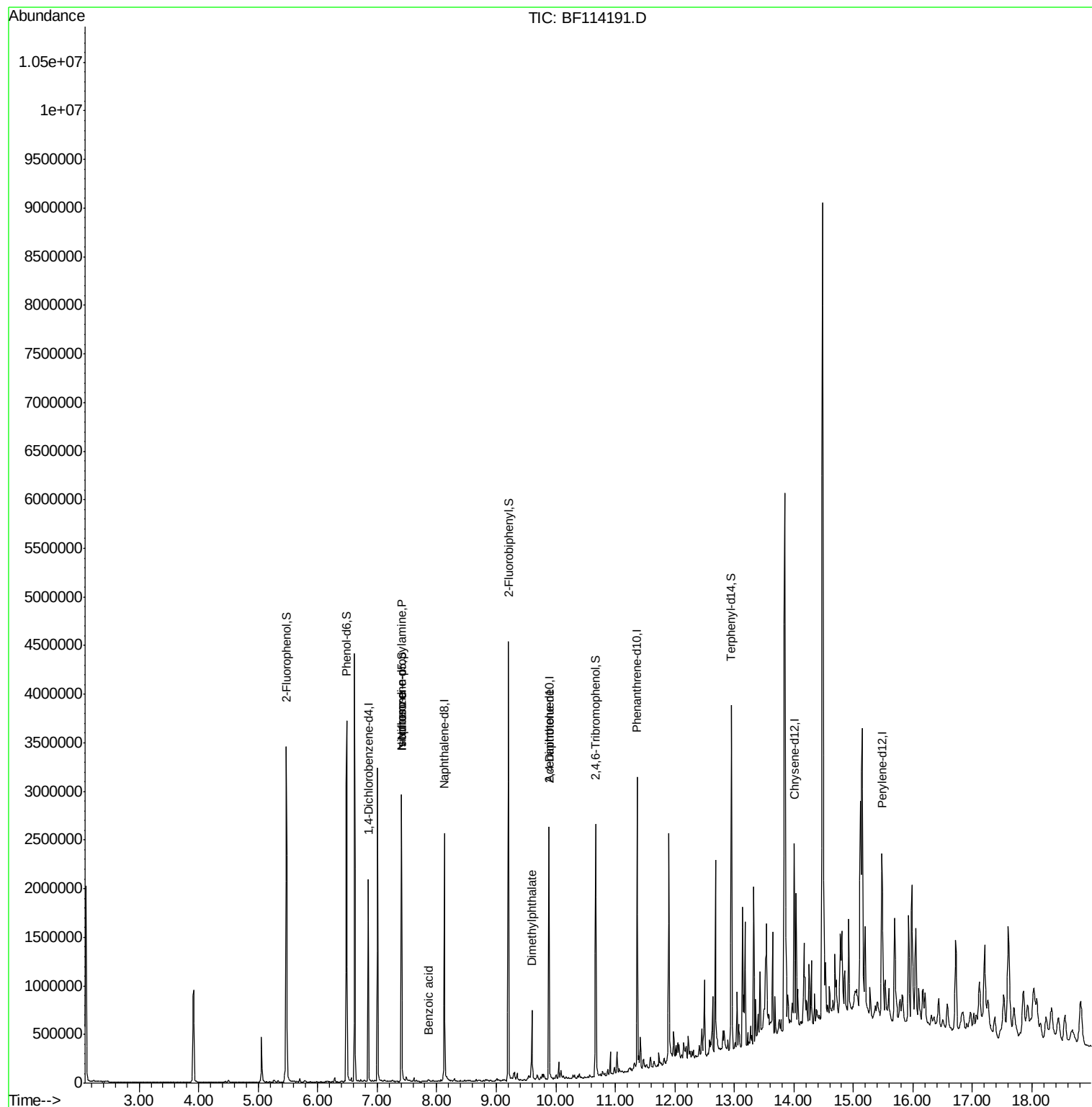
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	295031	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1155181	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	544975	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1051766	20.00	ng	0.00
76) Chrysene-d12	14.01	240	666769	20.00	ng	-0.01
87) Perylene-d12	15.48	264	738753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	927496	50.59	ng	0.00
7) Phenol-d6	6.49	99	1173181	54.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	878752	42.69	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	293002	52.00	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1280181	35.53	ng	0.00
79) Terphenyl-d14	12.95	244	1139609	35.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	115334	8.392	ng	# 74
25) Isophorone	7.41	82	878744	23.019	ng	# 64
32) Benzoic acid	7.86	122	3323	7.270	ng	92
50) Dimethylphthalate	9.60	163	295391	7.384	ng	99
57) 2,4-Dinitrotoluene	9.88	165	71218	5.913	ng	# 25

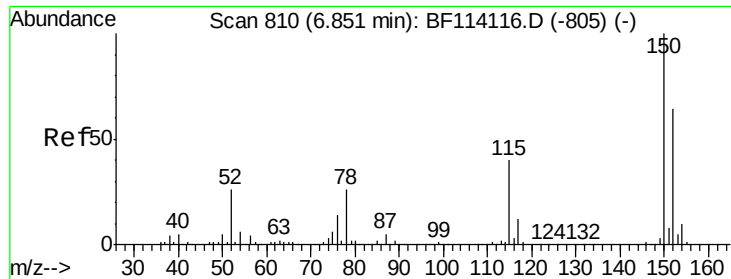
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



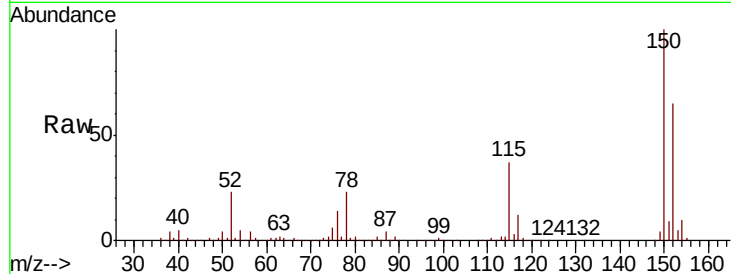


#1

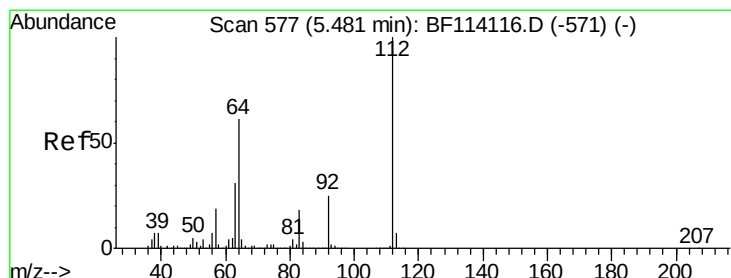
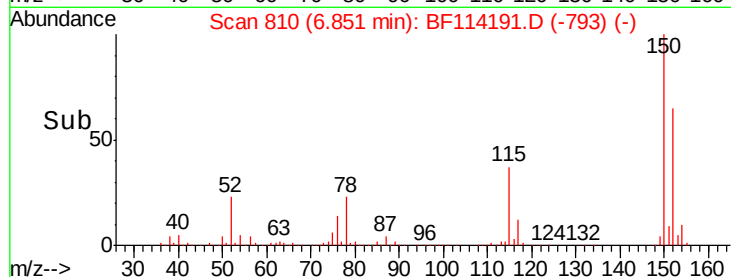
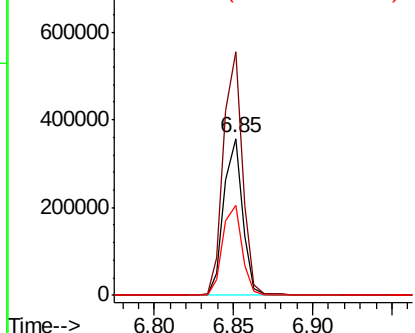
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114191.D
Acq: 12 May 2019 14:46

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Tgt Ion:152 Resp: 295031
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 57.3 49.1 73.7



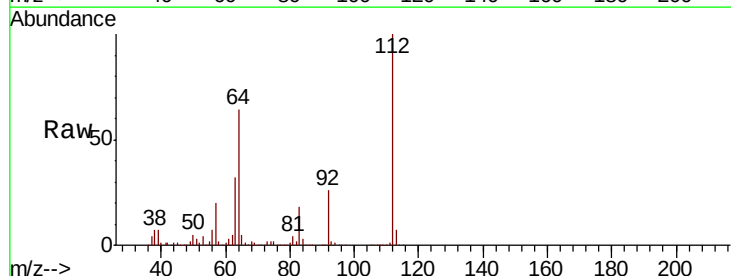
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



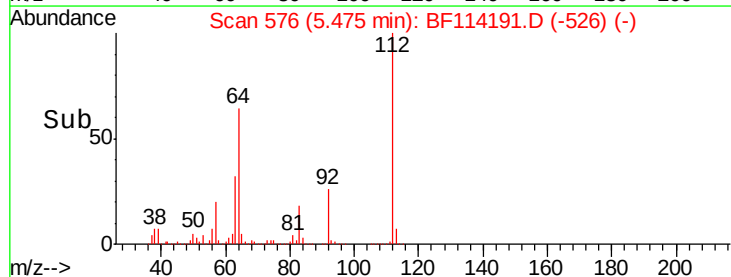
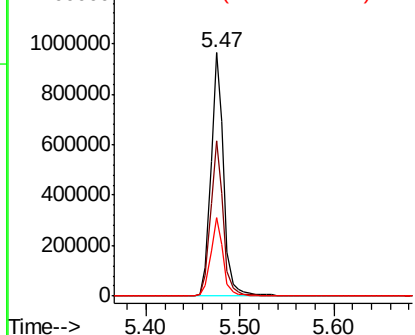
#5

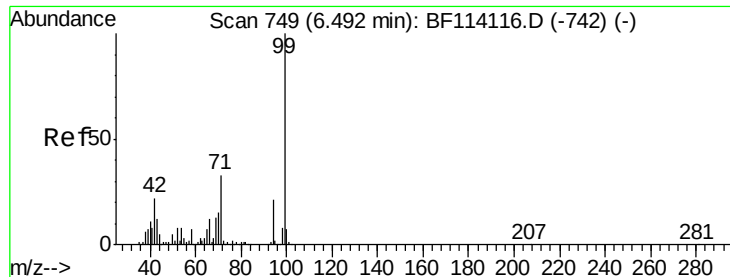
2-Fluorophenol
Concen: 50.591 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114191.D
Acq: 12 May 2019 14:46

Tgt Ion:112 Resp: 927496
Ion Ratio Lower Upper
112 100
64 63.6 49.0 73.6
63 32.3 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: 54.105 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114191.D

Acq: 12 May 2019 14:46

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01

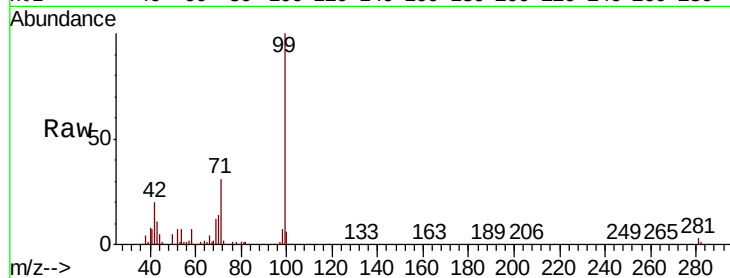
Tgt Ion: 99 Resp: 1173181

Ion Ratio Lower Upper

99 100

42 20.5 17.9 26.9

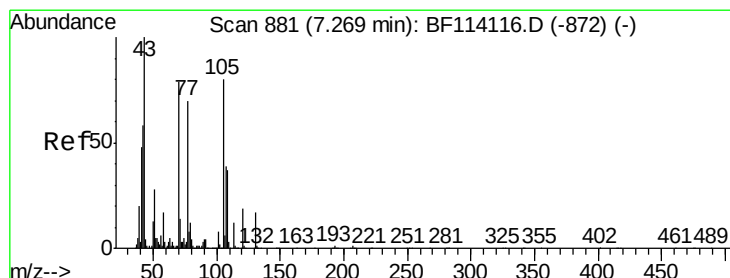
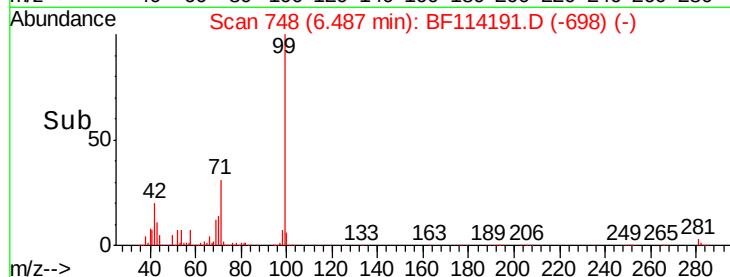
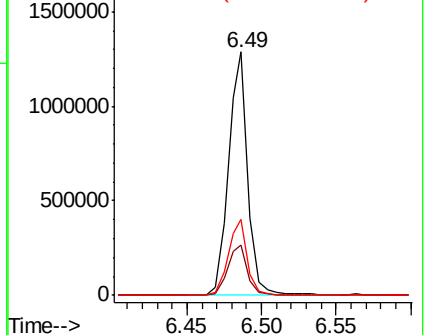
71 31.4 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.392 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114191.D

Acq: 12 May 2019 14:46

Tgt Ion: 70 Resp: 115334

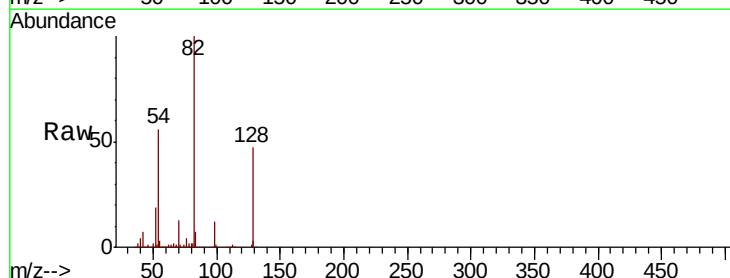
Ion Ratio Lower Upper

70 100

42 55.1 58.6 87.8#

101 0.0 7.8 11.8#

130 1.7 17.1 25.7#

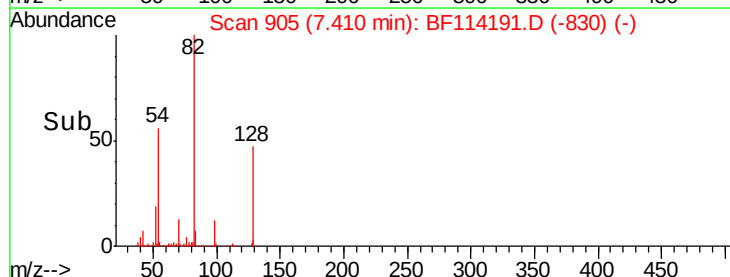
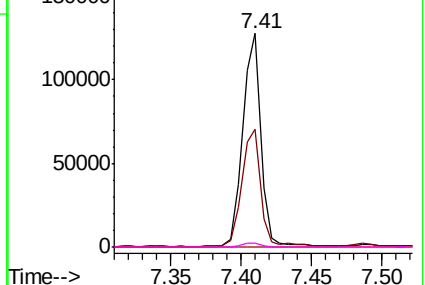


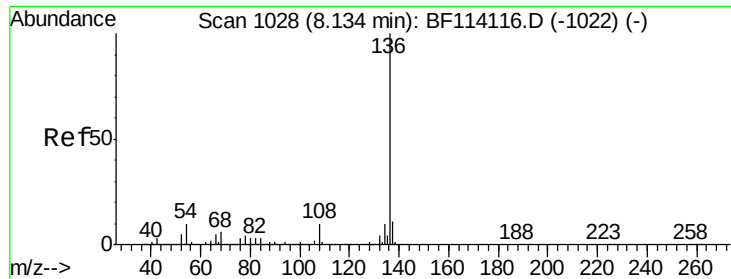
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114191.D

Acq: 12 May 2019 14:46

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01

Tgt Ion: 136 Resp: 1155181

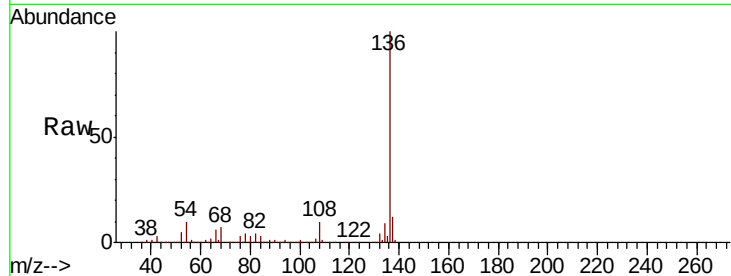
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 10.3 7.8 11.8

68 6.9 5.1 7.7

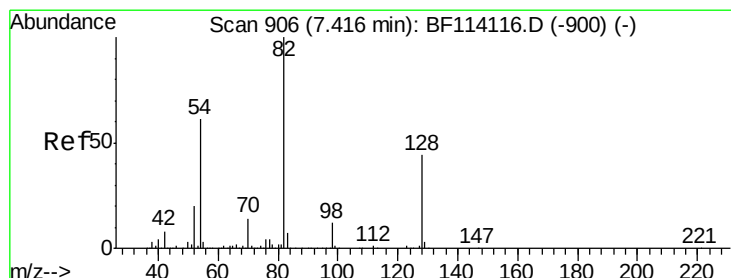
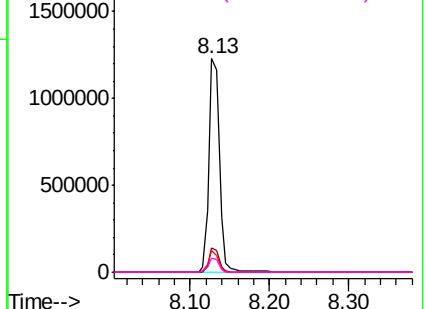
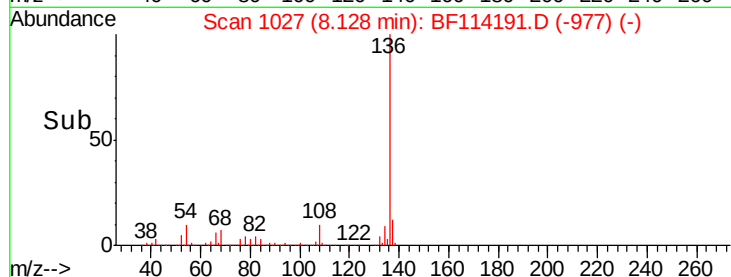


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.691 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114191.D

Acq: 12 May 2019 14:46

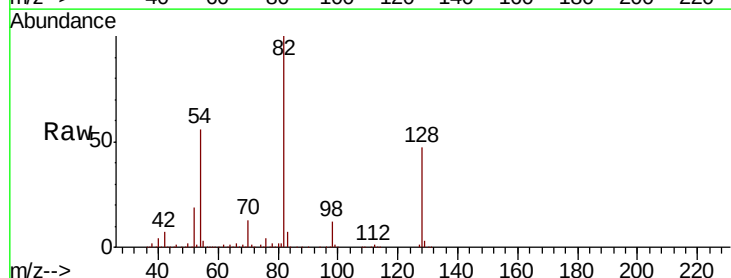
Tgt Ion: 82 Resp: 878752

Ion Ratio Lower Upper

82 100

128 46.8 35.5 53.3

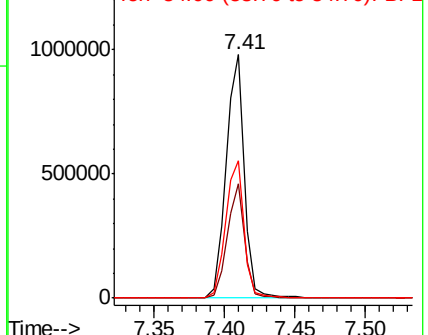
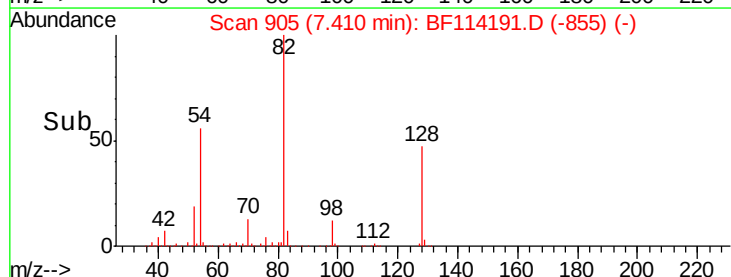
54 56.5 48.5 72.7

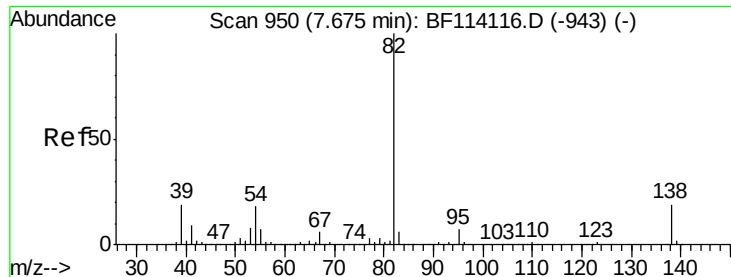


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 23.019 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114191.D

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P026-SS008-0206-01

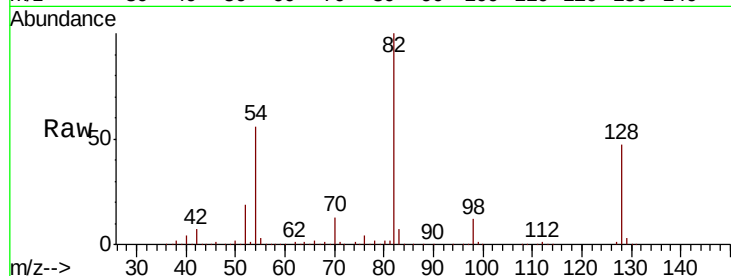
Tgt Ion: 82 Resp: 878744

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

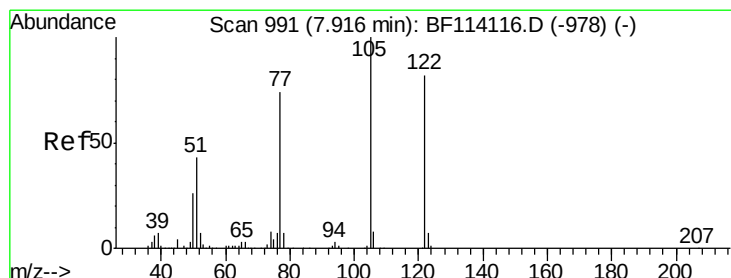
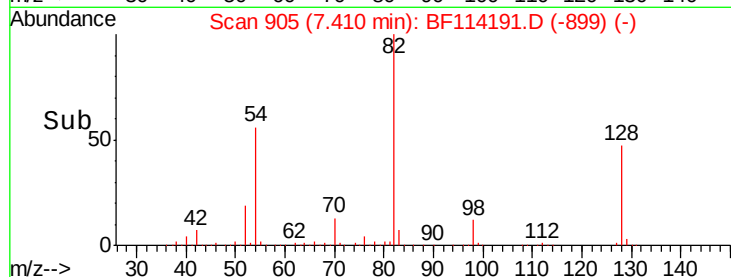
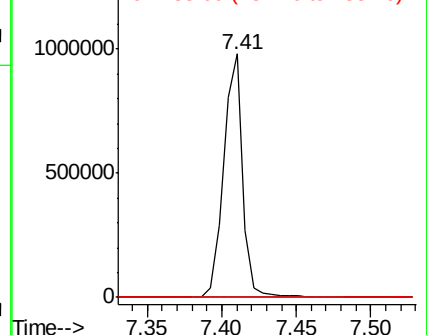
138 0.0 14.8 22.2#



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: 7.270 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF114191.D

Acq: 12 May 2019 14:46

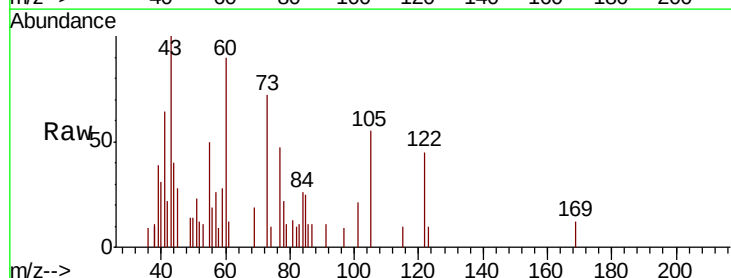
Tgt Ion: 122 Resp: 3323

Ion Ratio Lower Upper

122 100

105 121.4 99.9 139.9

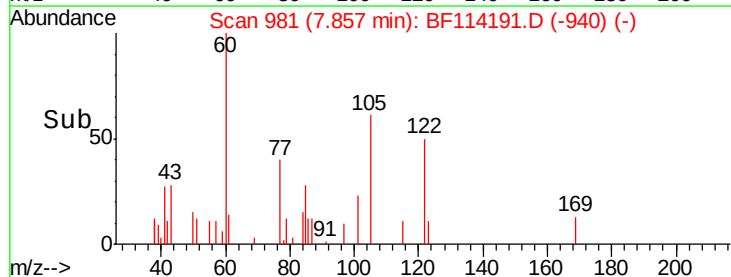
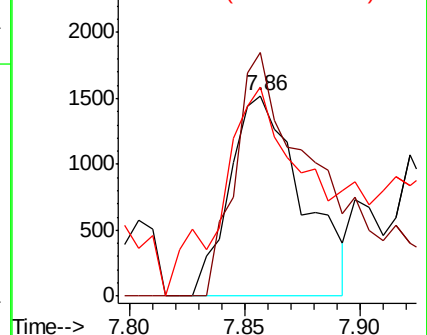
77 104.5 69.4 109.4

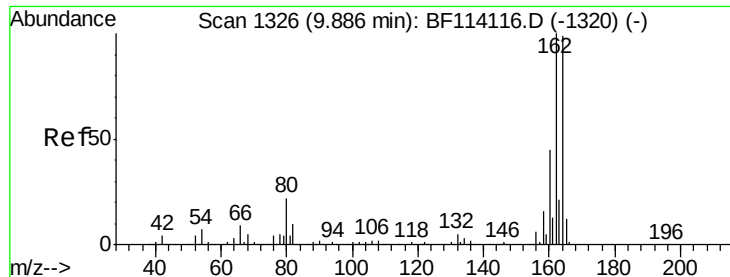


Abundance Ion 122.00 (121.70 to 122.70): E

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: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114191.D

Acq: 12 May 2019 14:46

Instrument :

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ClientSampleId :

P026-SS008-0206-01

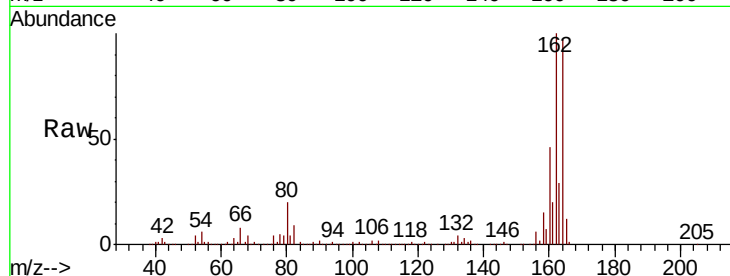
Tgt Ion:164 Resp: 544975

Ion Ratio Lower Upper

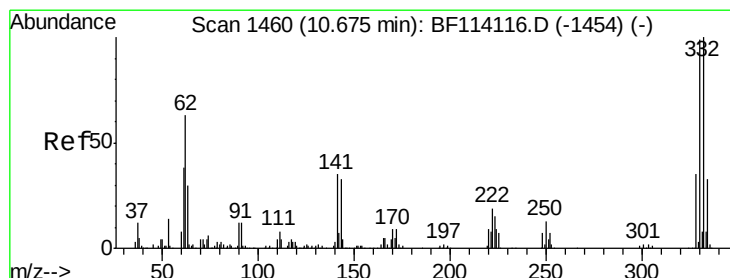
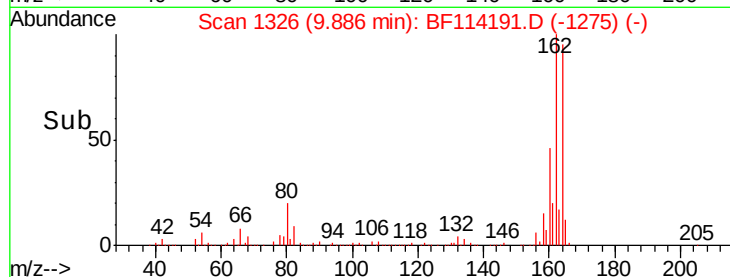
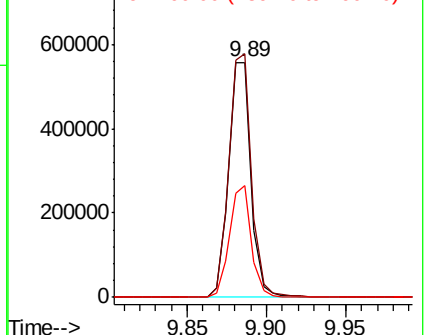
164 100

162 103.5 80.6 120.8

160 47.5 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: 52.005 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF114191.D

Acq: 12 May 2019 14:46

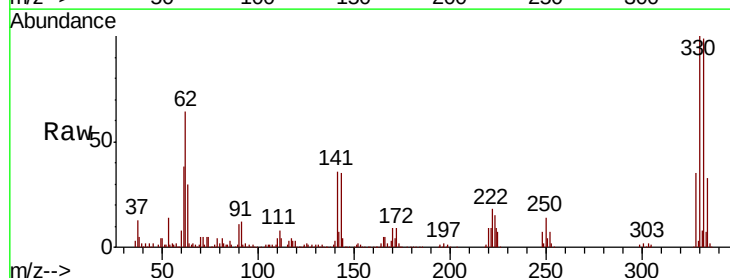
Tgt Ion:330 Resp: 293002

Ion Ratio Lower Upper

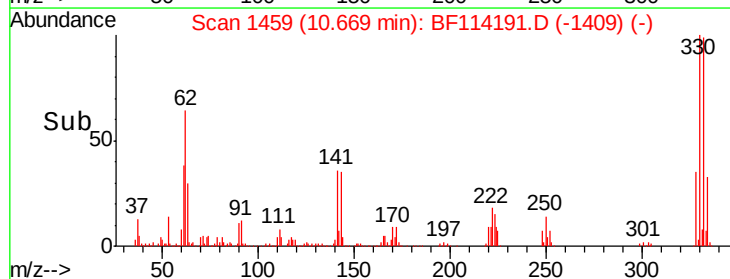
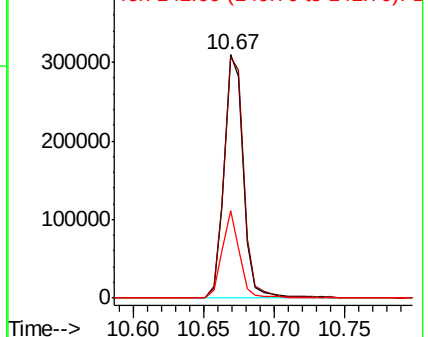
330 100

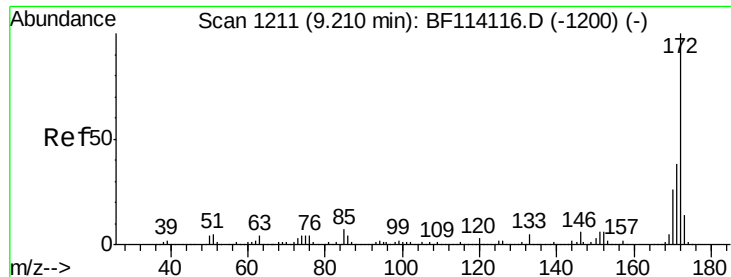
332 102.4 81.4 122.2

141 32.6 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

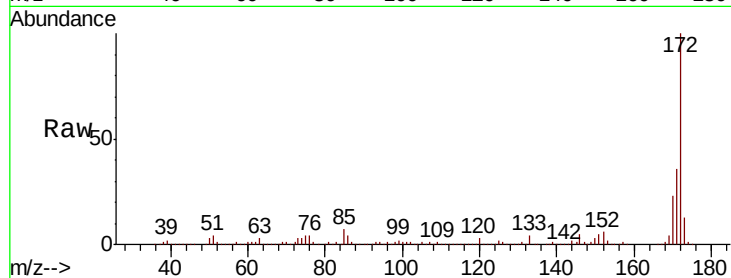




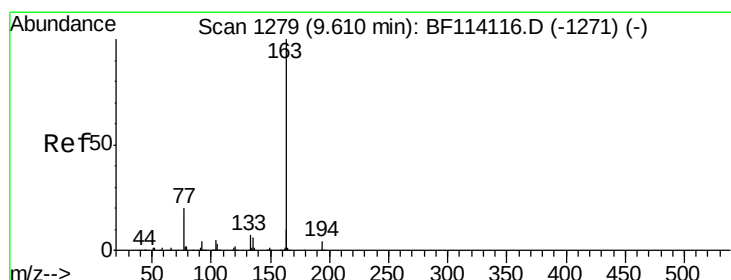
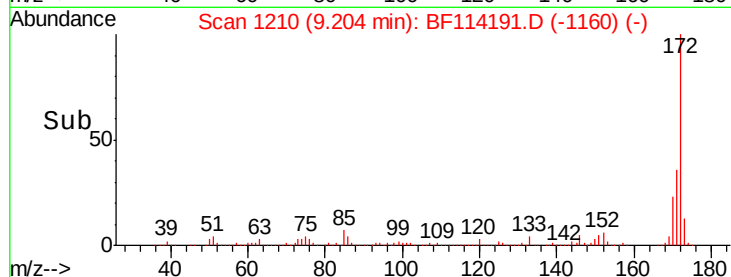
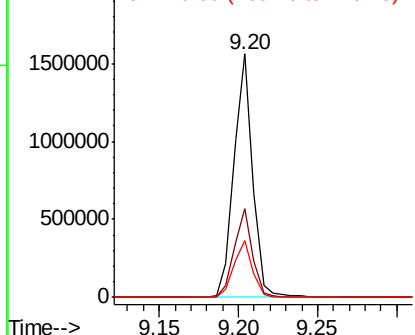
#45
 2-Fluorobiphenyl
 Concen: 35.533 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114191.D
 Acq: 12 May 2019 14:46

Instrument :
 BNA_F
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 P026-SS008-0206-01

Tgt Ion:172 Resp: 1280181
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.7 46.1
 170 23.5 20.5 30.7

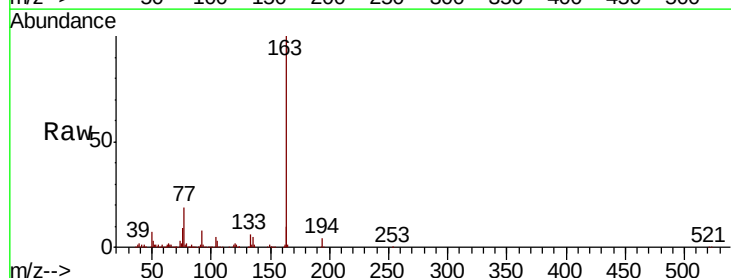


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

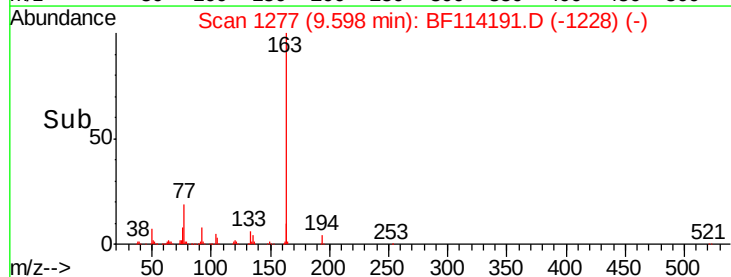
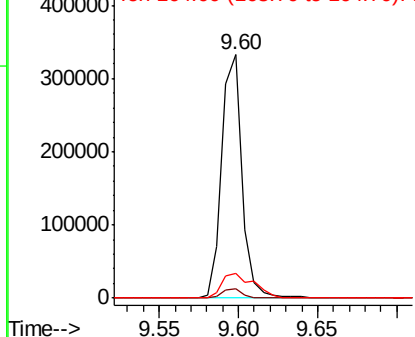


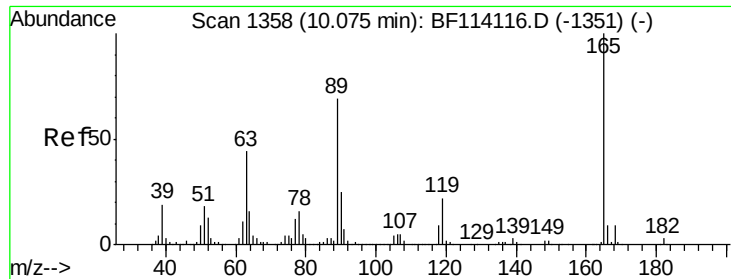
#50
 Dimethylphthalate
 Concen: 7.384 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114191.D
 Acq: 12 May 2019 14:46

Tgt Ion:163 Resp: 295391
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 10.0 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

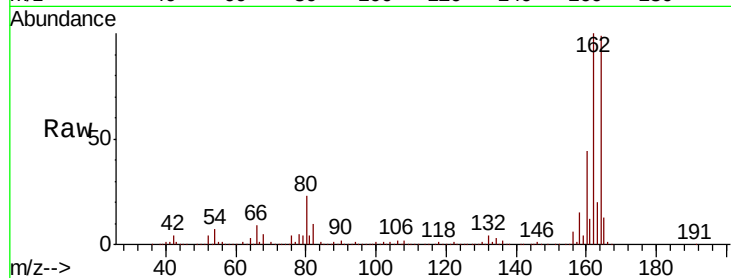




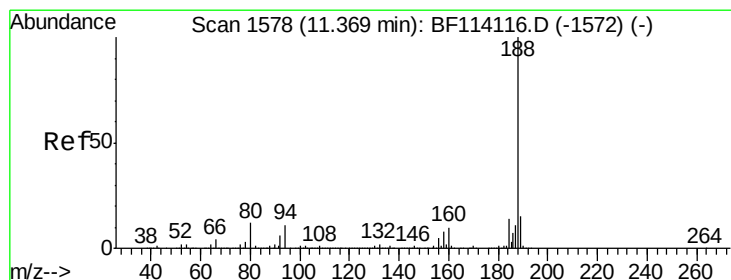
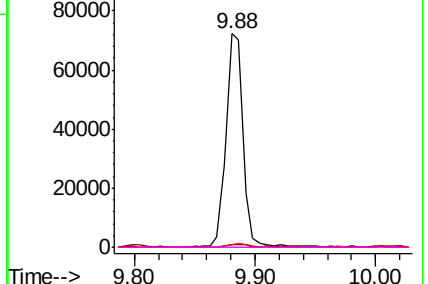
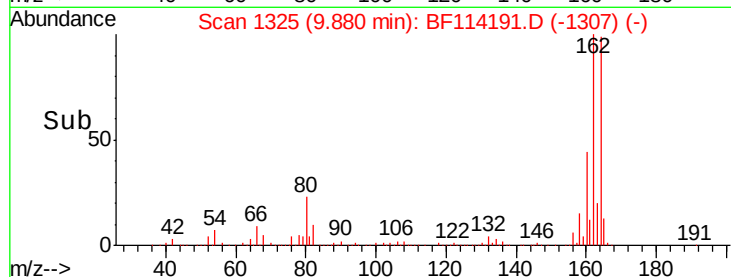
#57
 2,4-Dinitrotoluene
 Concen: 5.913 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114191.D
 Acq: 12 May 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

Tgt Ion:165 Resp: 71218
 Ion Ratio Lower Upper
 165 100
 63 1.5 35.5 53.3#
 89 1.3 55.2 82.8#
 182 0.0 2.2 3.2#

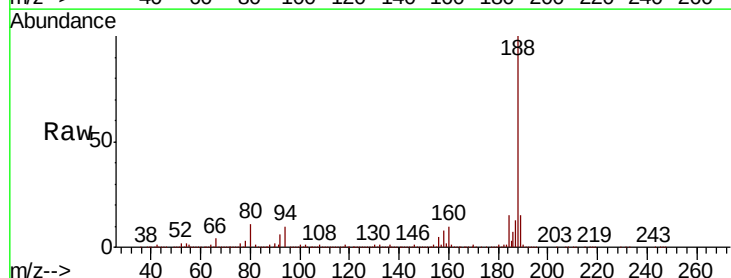


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

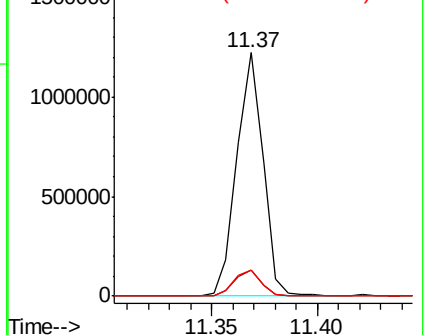
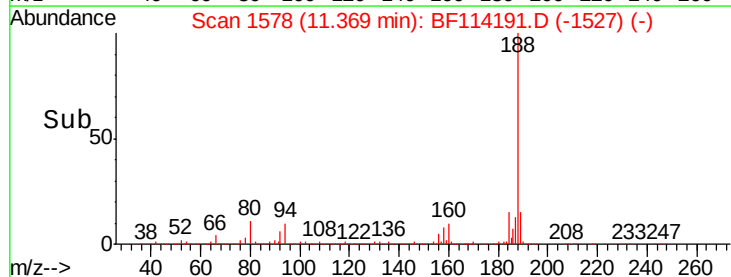


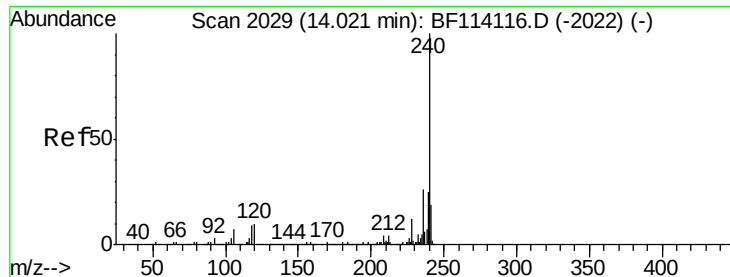
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114191.D
 Acq: 12 May 2019 14:46

Tgt Ion:188 Resp: 1051766
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.4 12.6
 80 10.9 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

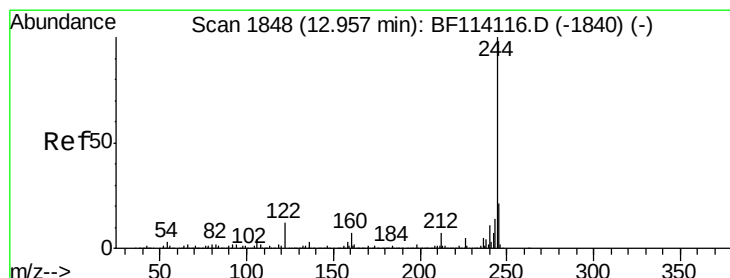
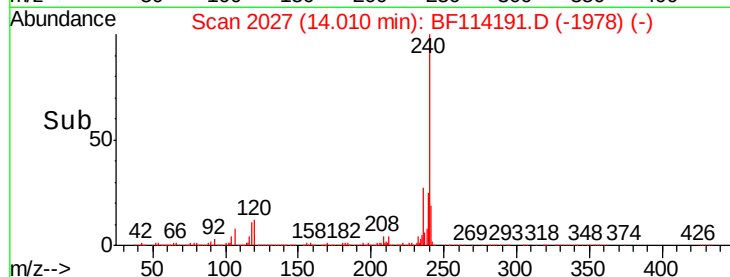
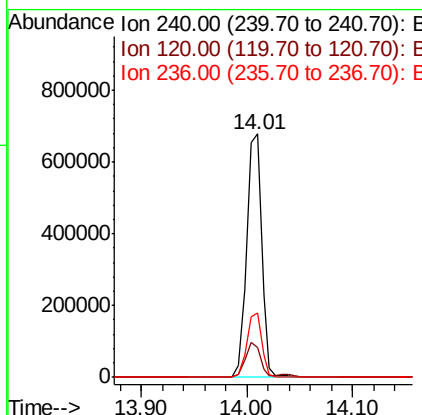
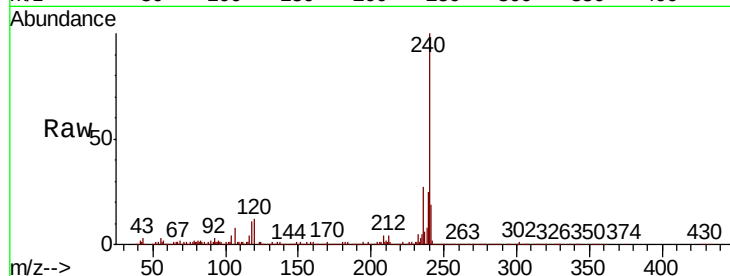




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114191.D
Acq: 12 May 2019 14:46

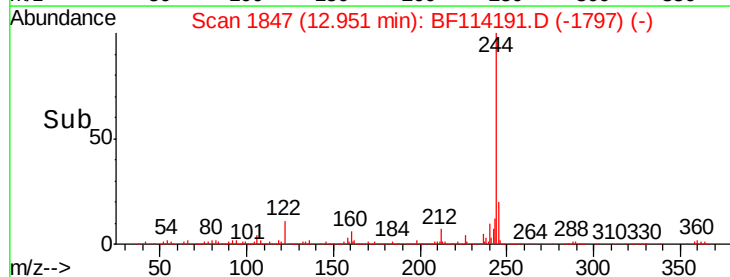
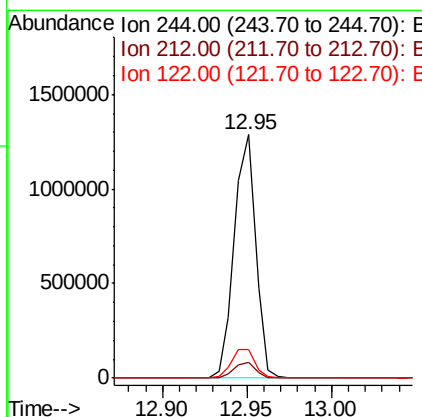
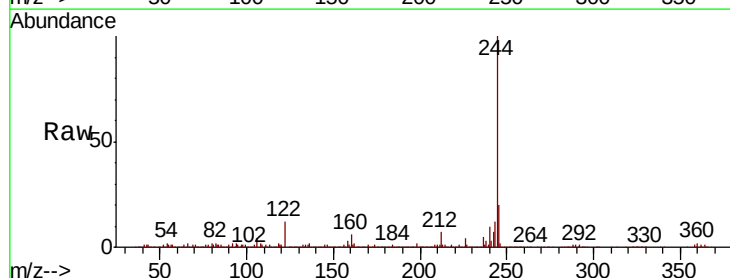
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

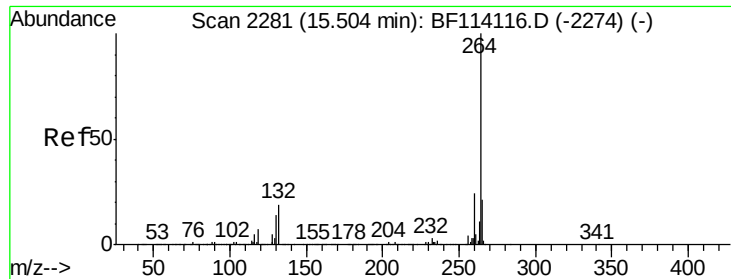
Tgt Ion:240 Resp: 666769
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 26.7 20.8 31.2



#79
Terphenyl-d14
Concen: 35.233 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114191.D
Acq: 12 May 2019 14:46

Tgt Ion:244 Resp: 1139609
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 11.5 9.4 14.2

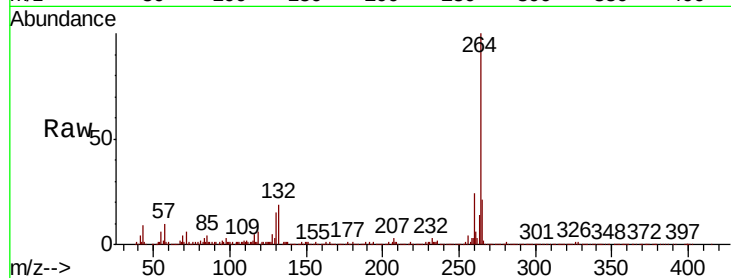




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114191.D
Acq: 12 May 2019 14:46

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Tgt Ion:	264	Resp:	738753
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.4	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

