

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114128.D
 Acq On : 10 May 2019 18:48
 Operator : JU/SJ
 Sample : K2762-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS002-0206-01

Quant Time: May 11 04:01:11 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

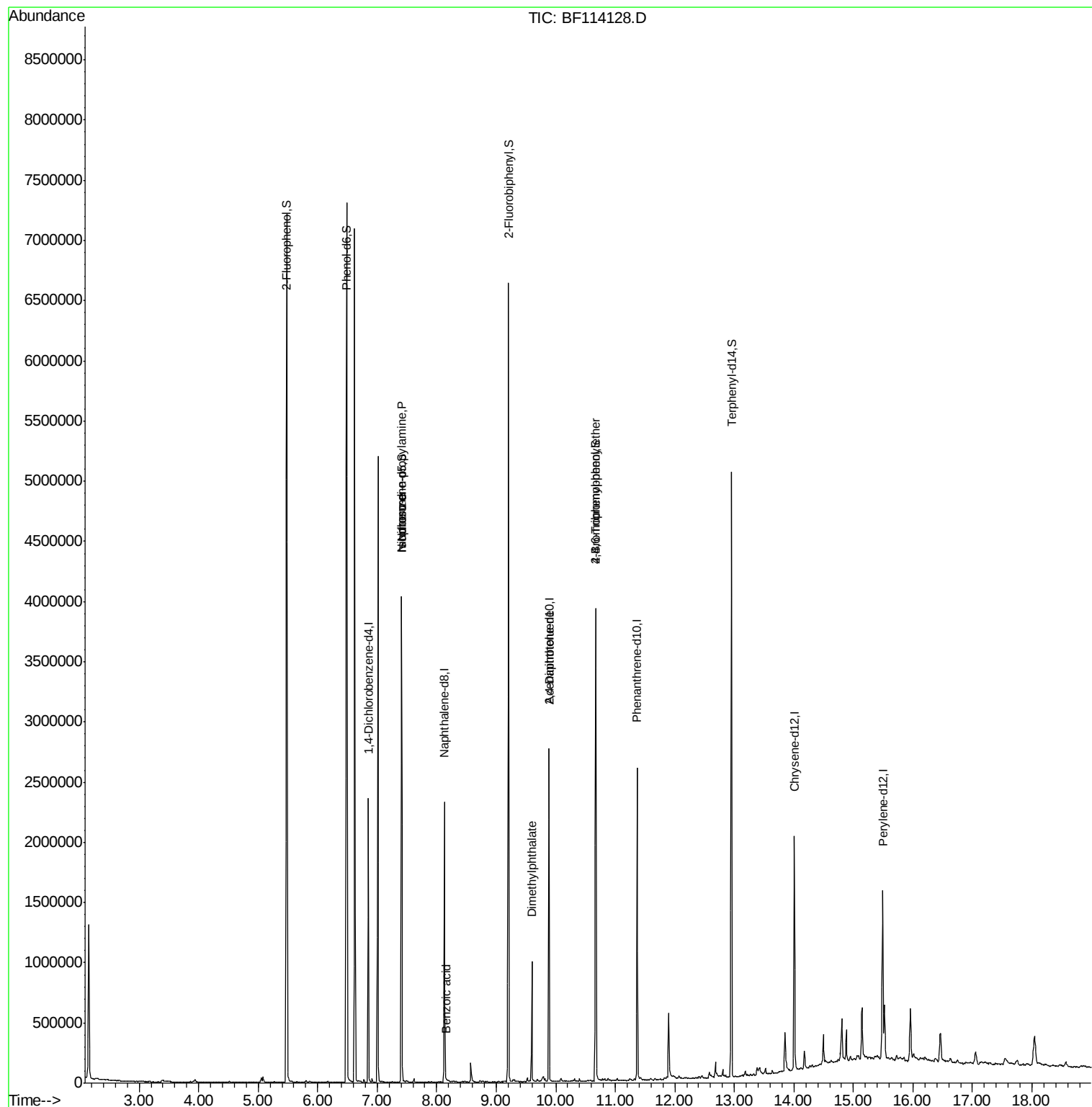
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	319258	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1020836	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	515369	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	905404	20.00	ng	0.00
76) Chrysene-d12	14.01	240	603884	20.00	ng	-0.01
87) Perylene-d12	15.49	264	641277	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1896195	95.58	ng	0.00
7) Phenol-d6	6.49	99	2518848	107.35	ng	0.00
23) Nitrobenzene-d5	7.41	82	1186898	65.25	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	471740	88.54	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2106152	61.82	ng	0.00
79) Terphenyl-d14	12.95	244	1621828	55.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	161997	10.892	ng	# 77
25) Isophorone	7.41	82	1180237	34.985	ng	# 64
32) Benzoic acid	8.16	122	108	7.030	ng	# 1
50) Dimethylphthalate	9.60	163	375878	9.935	ng	100
57) 2,4-Dinitrotoluene	9.89	165	67472	5.924	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	30844	3.094	ng	# 1

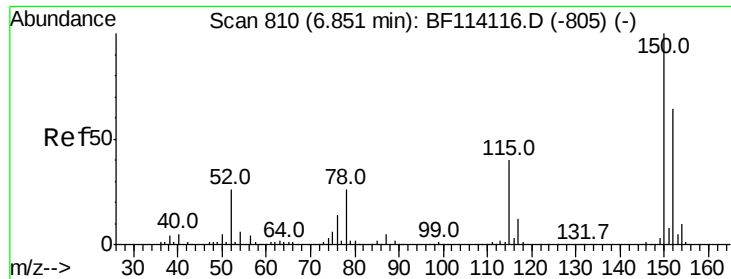
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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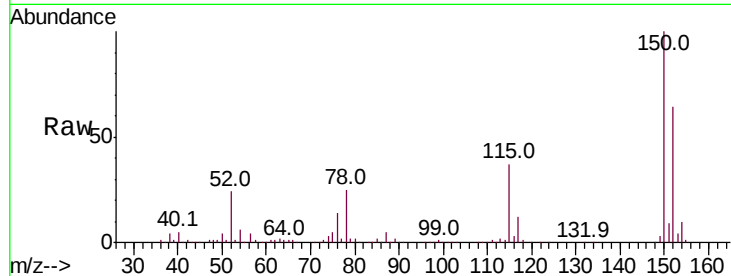


#1

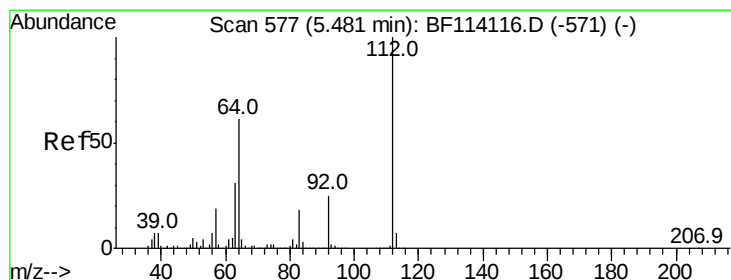
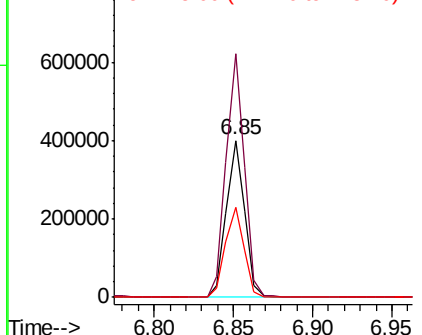
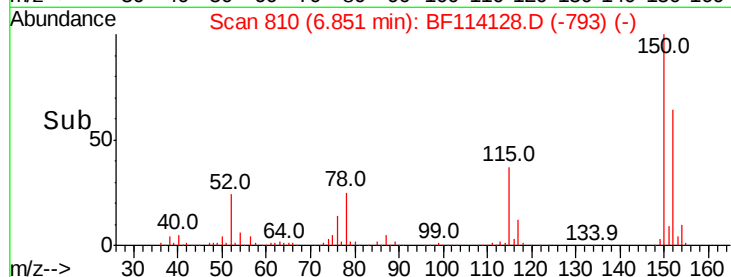
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114128.D
Acq: 10 May 2019 18:48

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0206-01

Tot Ion:152 Resp: 319258
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 57.8 49.1 73.7



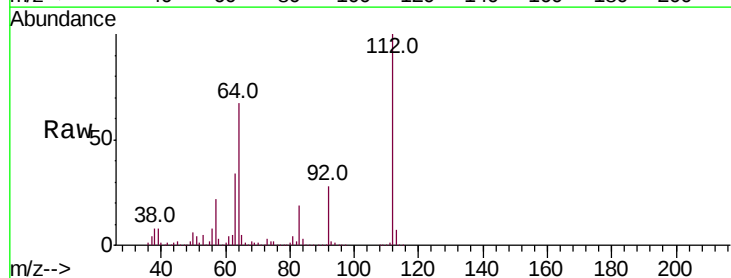
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



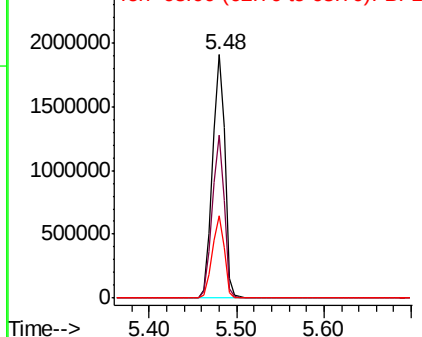
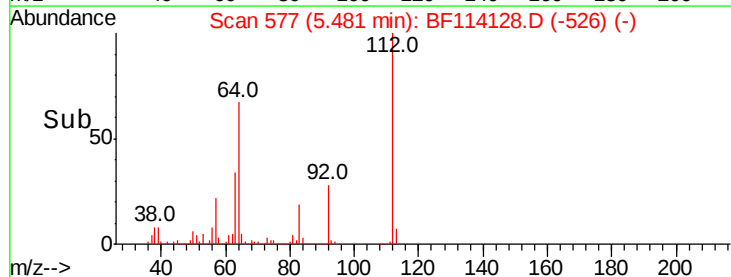
#5

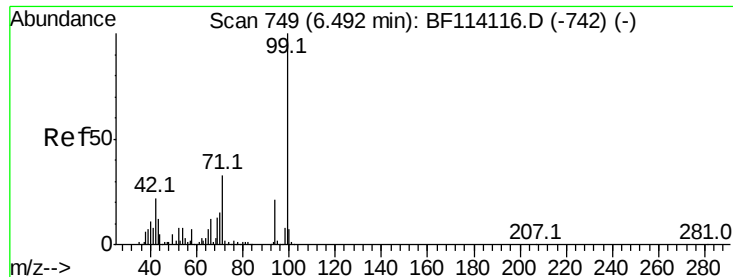
2-Fluorophenol
Concen: 95.580 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114128.D
Acq: 10 May 2019 18:48

Tgt Ion:112 Resp: 1896195
Ion Ratio Lower Upper
112 100
64 67.1 49.0 73.6
63 33.9 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: 107.350 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0206-01

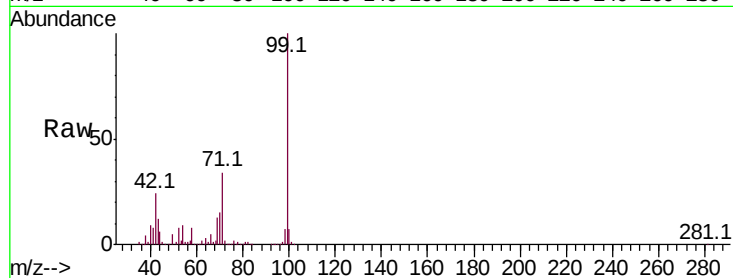
Tot Ion: 99 Resp: 2518848

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

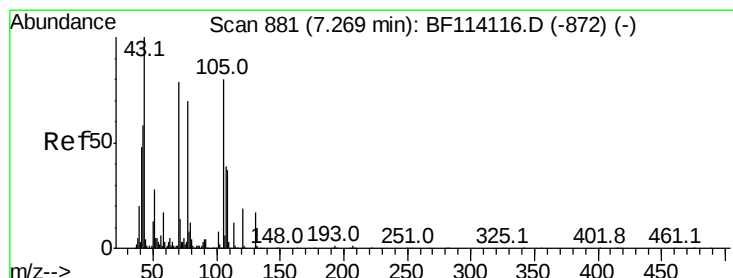
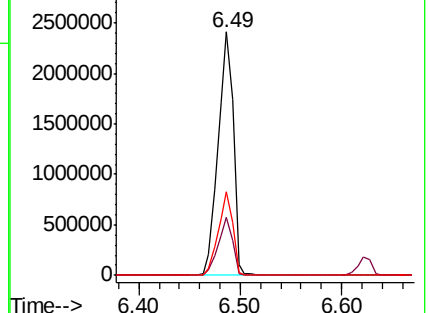
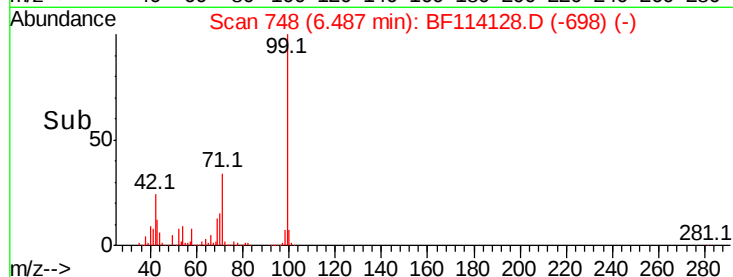
71 34.3 26.2 39.2



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: 10.892 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

Tgt Ion: 70 Resp: 161997

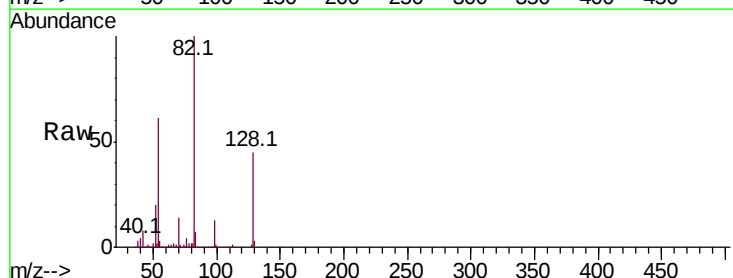
Ion Ratio Lower Upper

70 100

42 59.2 58.6 87.8

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

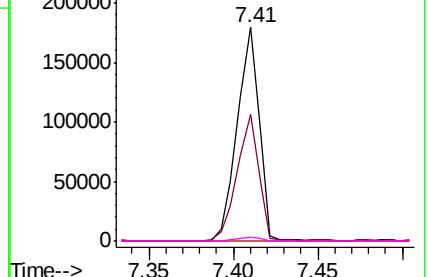
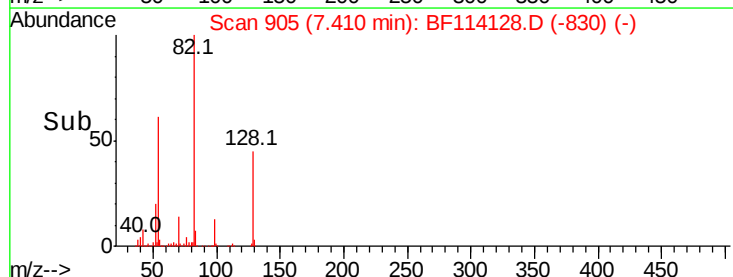


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1028

Delta R.T. -0.00 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0206-01

Tot Ion:136 Resp: 1020836

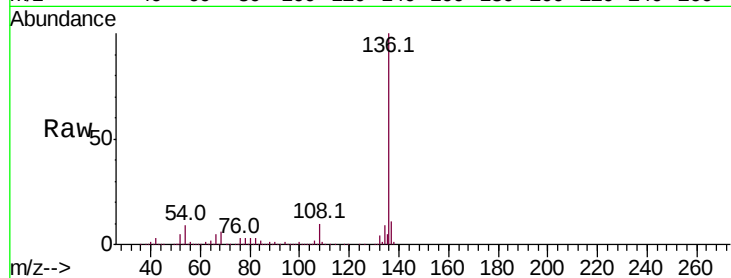
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.8	7.8	11.8
68	5.5	5.1	7.7

136 100

137 11.3 8.8 13.2

54 8.8 7.8 11.8

68 5.5 5.1 7.7

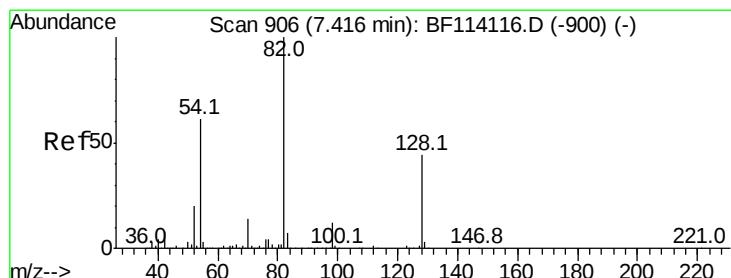
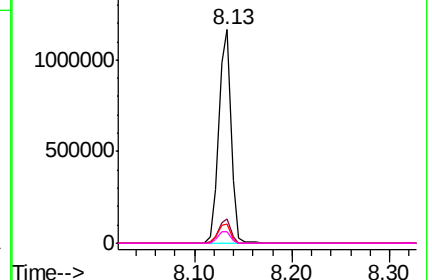
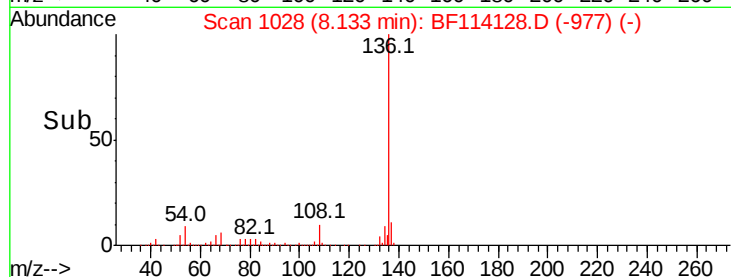


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.249 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

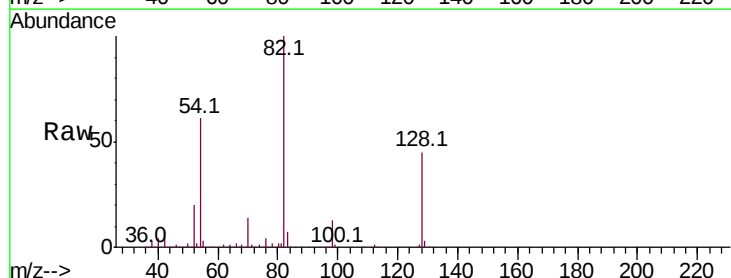
Tgt Ion: 82 Resp: 1186898

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.5	53.3
54	60.5	48.5	72.7

82 100

128 45.0 35.5 53.3

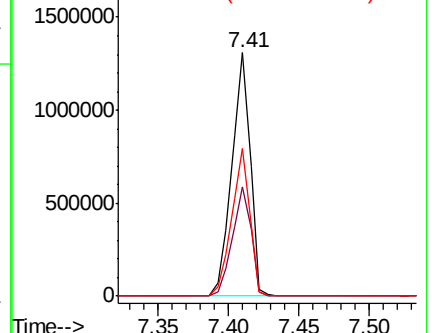
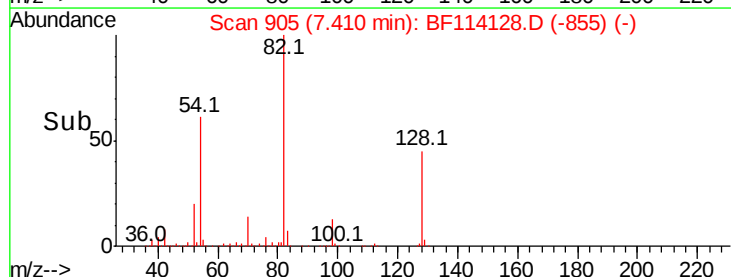
54 60.5 48.5 72.7



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: 34.985 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0206-01

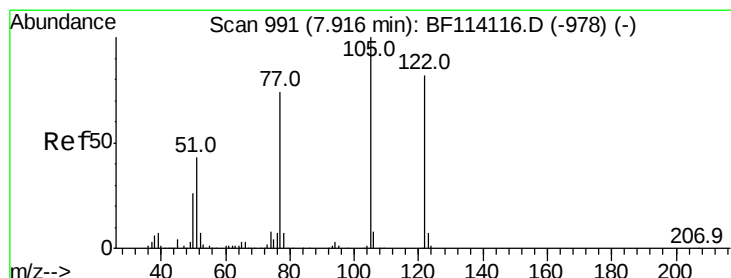
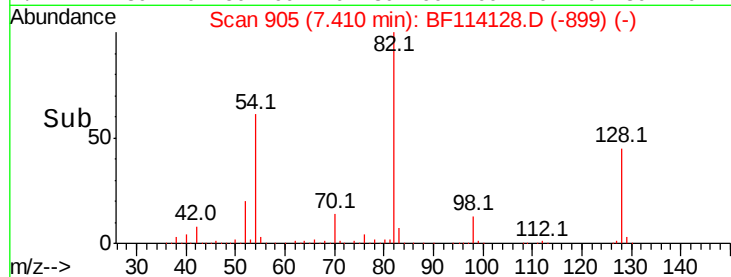
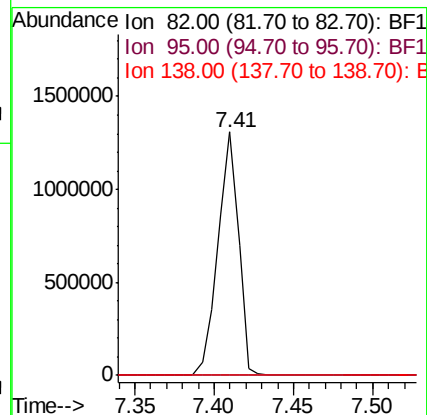
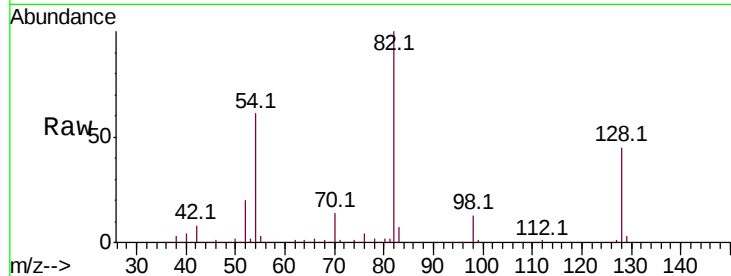
Tot Ion: 82 Resp: 1180237

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.030 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.25 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

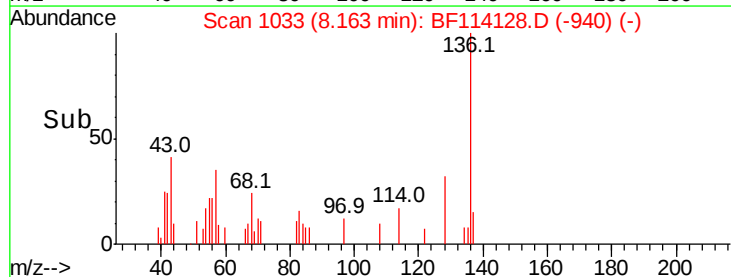
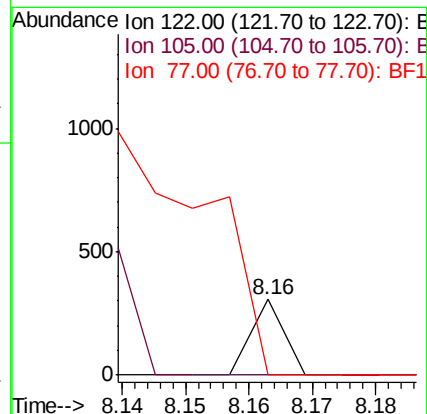
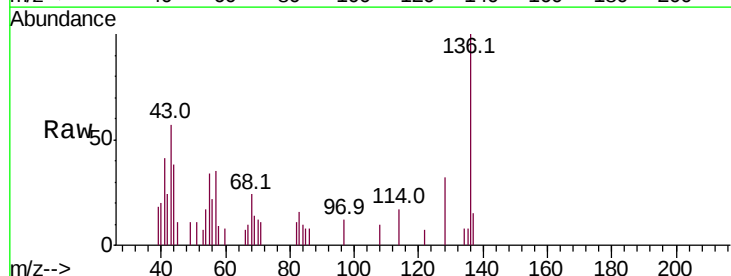
Tgt Ion:122 Resp: 108

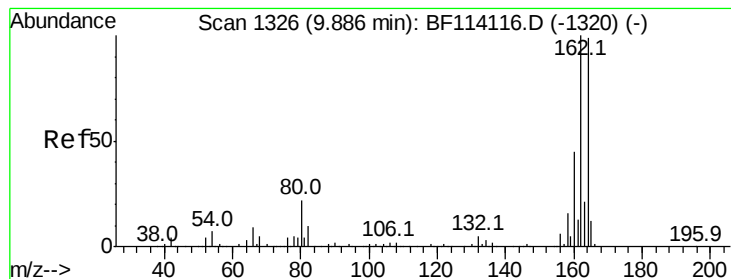
Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

77 0.0 69.4 109.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0206-01

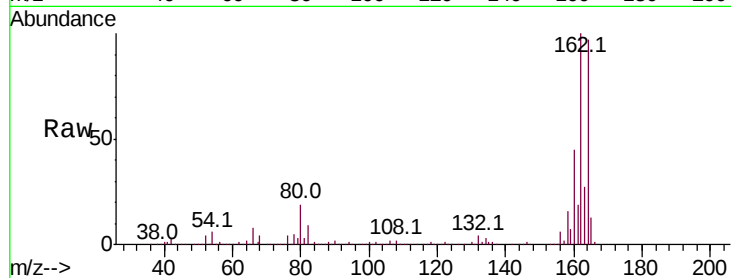
Tot Ion:164 Resp: 515369

Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

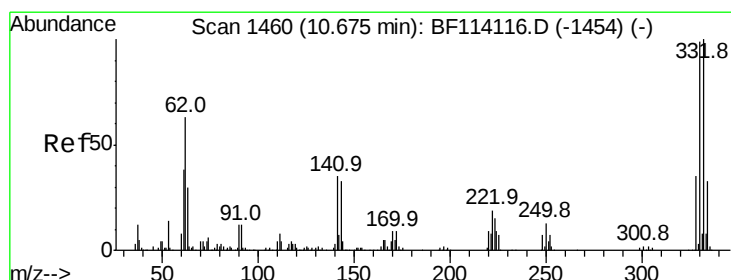
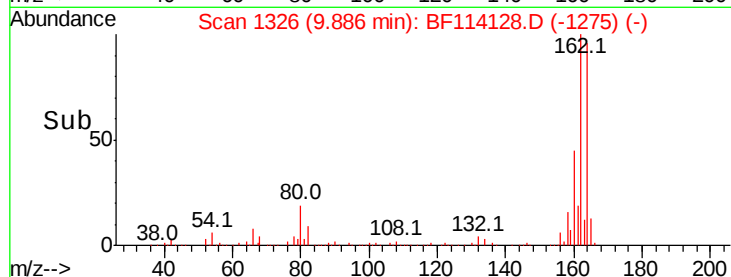
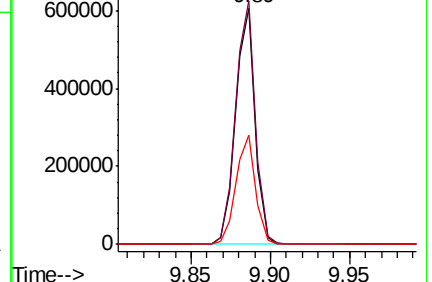
160 46.4 36.5 54.7



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: 88.539 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

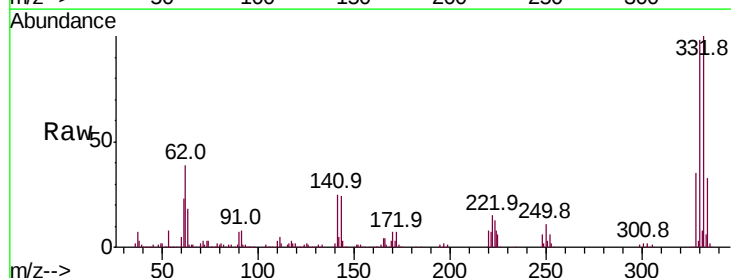
Tgt Ion:330 Resp: 471740

Ion Ratio Lower Upper

330 100

332 103.3 81.4 122.2

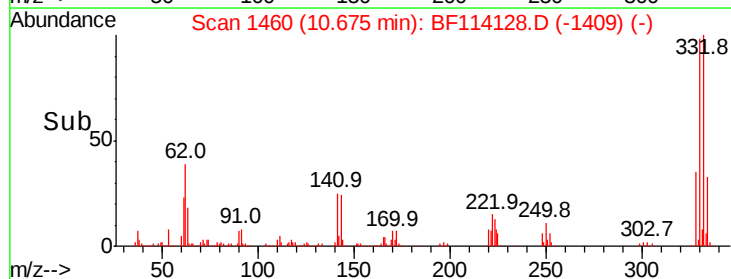
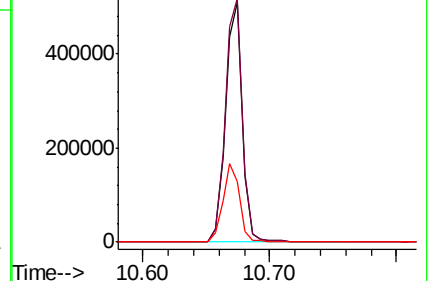
141 33.1 26.6 40.0

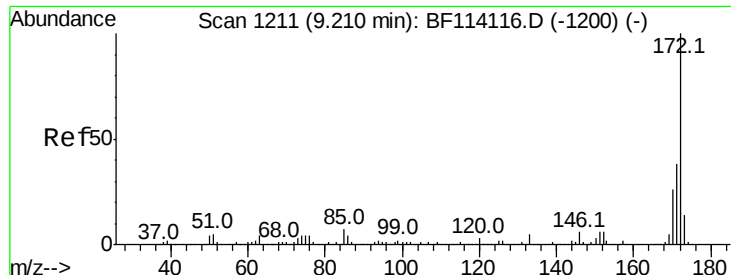


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



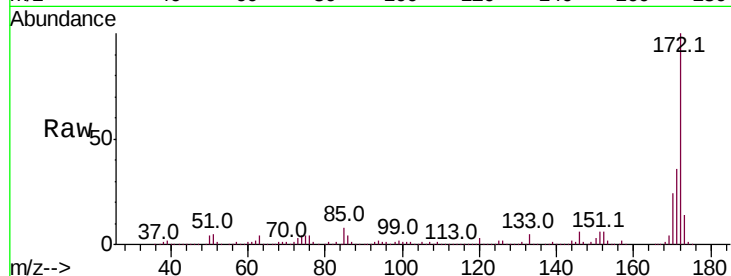


#45
 2-Fluorobiphenyl
 Concen: 61.818 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114128.D
 Acq: 10 May 2019 18:48

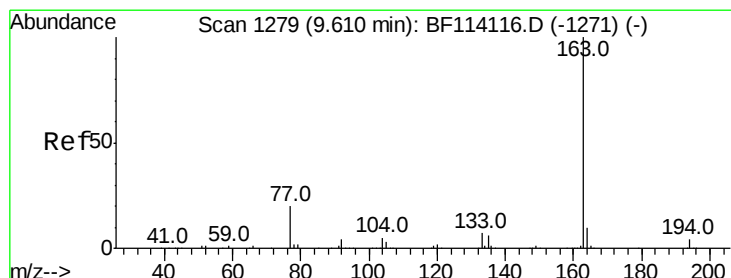
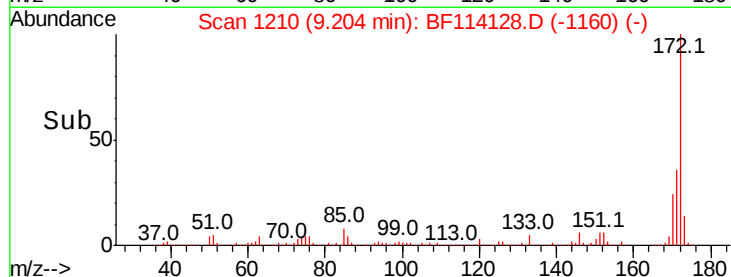
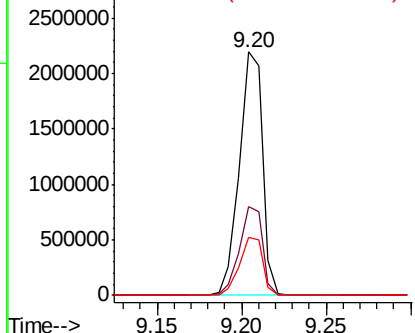
Instrument :
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 P021-SS002-0206-01

Tot Ion:172 Resp: 2106152

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	23.8	20.5	30.7



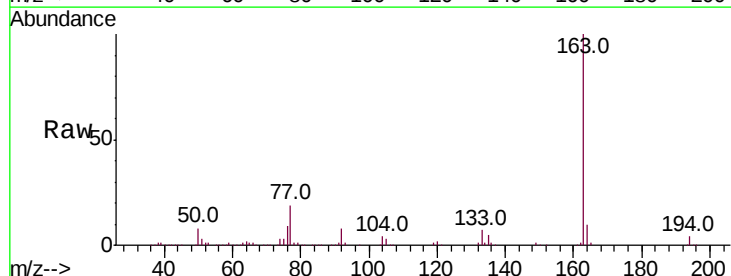
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



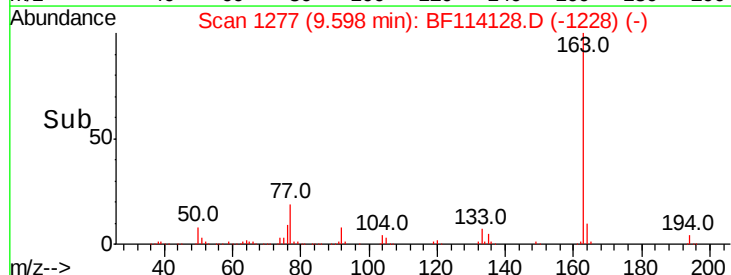
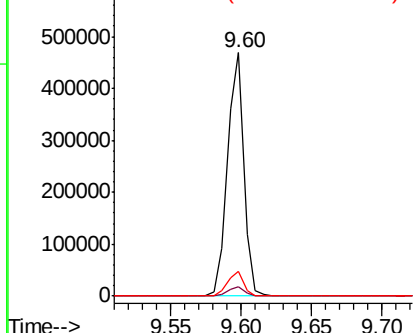
#50
 Dimethylphthalate
 Concen: 9.935 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114128.D
 Acq: 10 May 2019 18:48

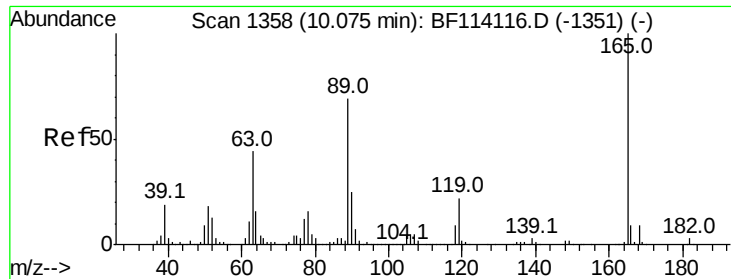
Tgt Ion:163 Resp: 375878

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	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

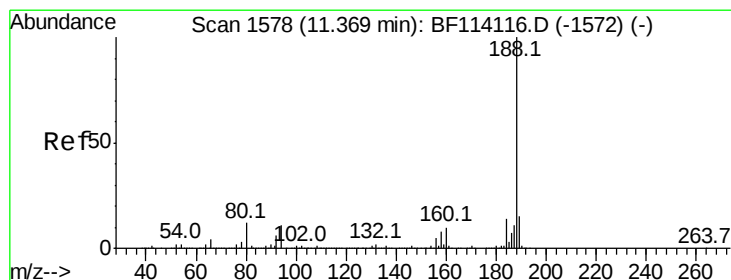
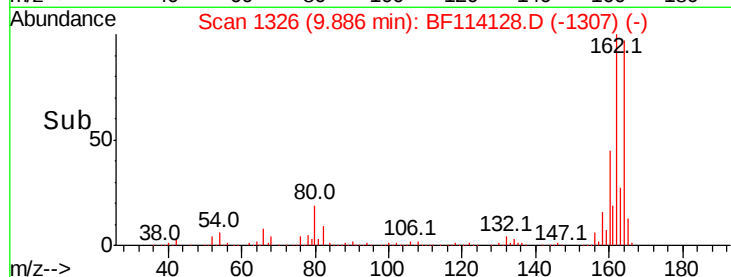
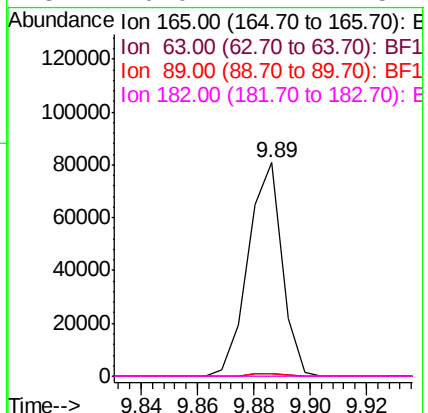
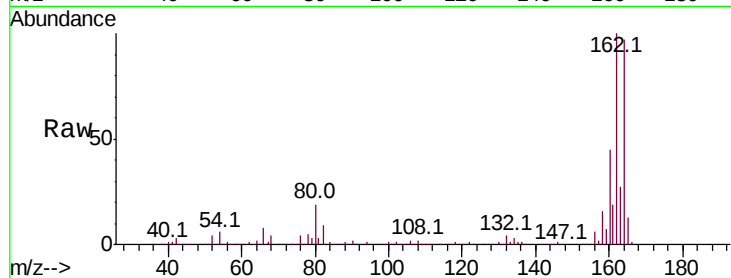




#57
 2,4-Dinitrotoluene
 Concen: 5.924 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114128.D
 Acq: 10 May 2019 18:48

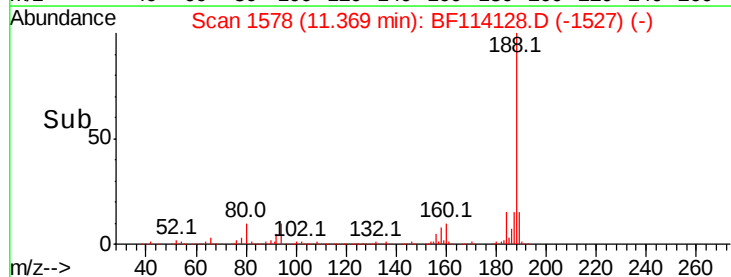
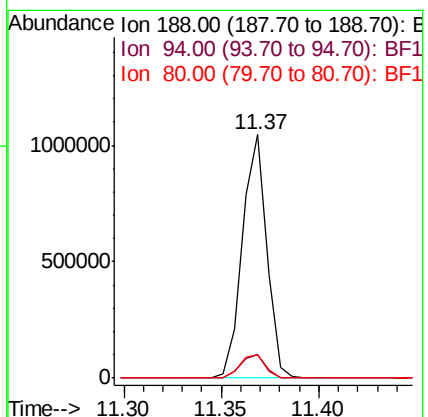
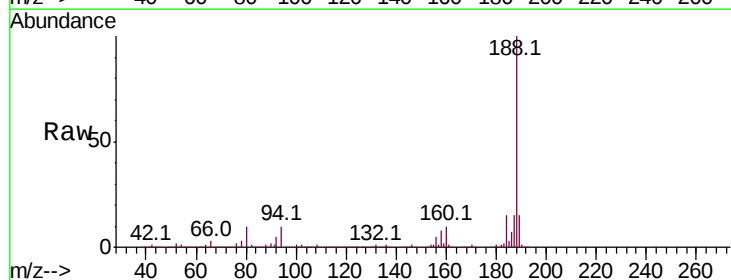
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS002-0206-01

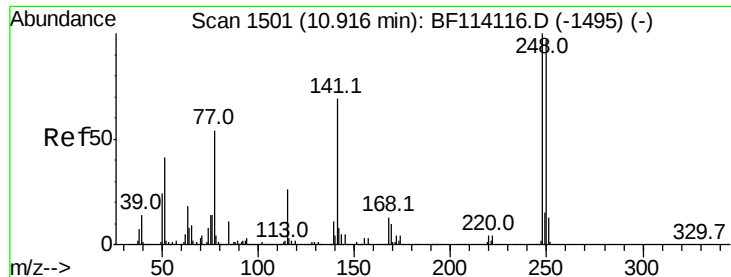
Tot Ion:165 Resp: 67472
 Ion Ratio Lower Upper
 165 100
 63 1.2 35.5 53.3#
 89 1.3 55.2 82.8#
 182 0.0 2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114128.D
 Acq: 10 May 2019 18:48

Tgt Ion:188 Resp: 905404
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.4 12.6
 80 9.6 9.2 13.8





#67

4-Bromophenyl-phenylether

Concen: 3.094 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0206-01

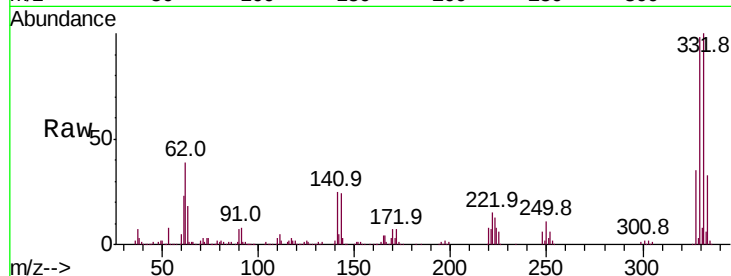
Tot Ion:248 Resp: 30844

Ion Ratio Lower Upper

248 100

250 195.5 77.4 116.2#

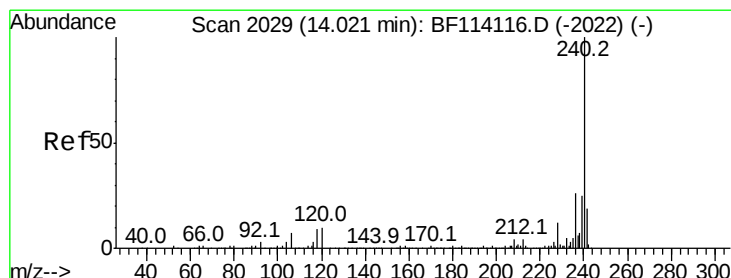
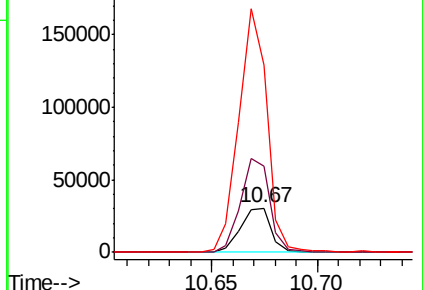
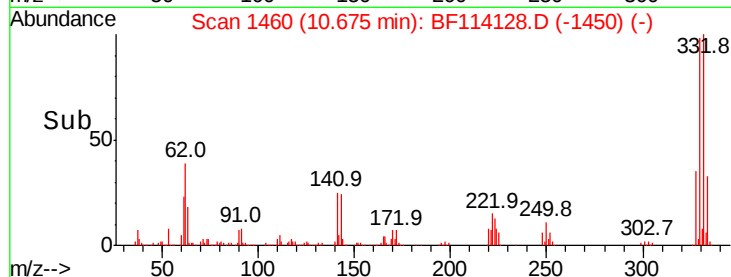
141 426.2 55.6 83.4#



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

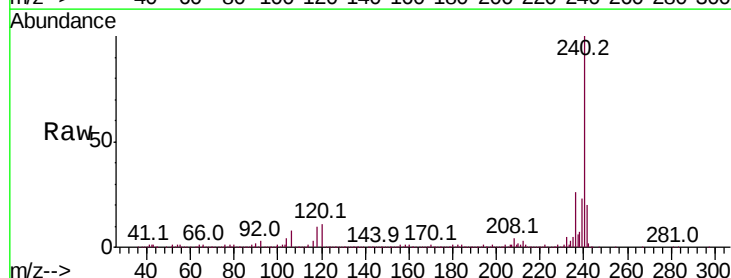
Tgt Ion:240 Resp: 603884

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

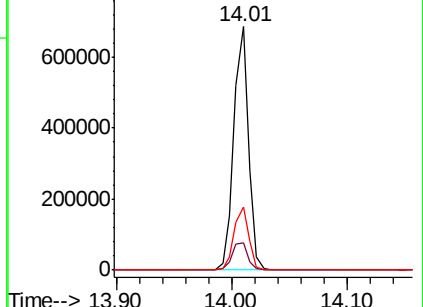
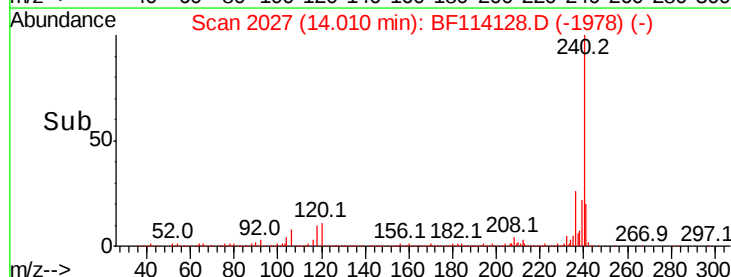
236 26.0 20.8 31.2

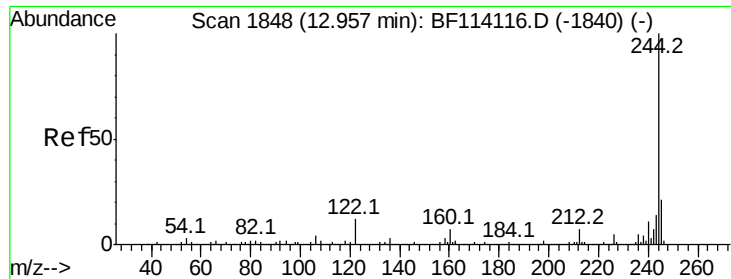


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.363 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0206-01

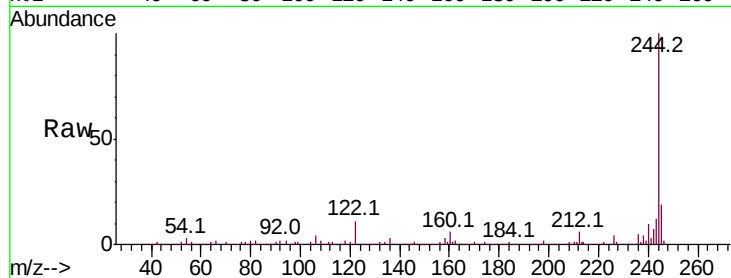
Tot Ion:244 Resp: 1621828

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

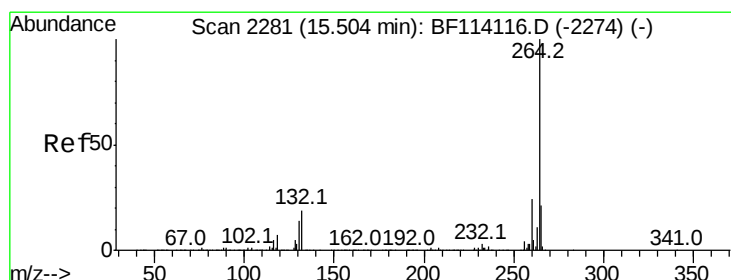
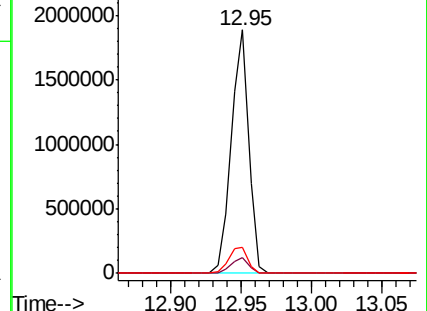
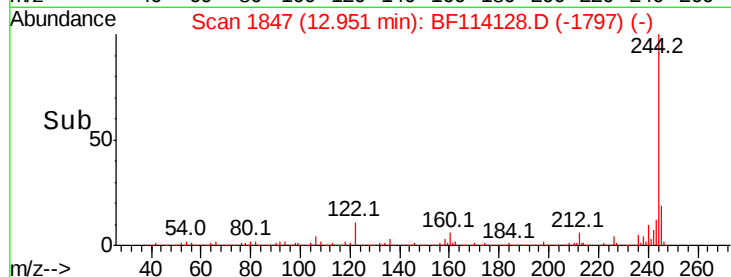
122 10.9 9.4 14.2



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114128.D

Acq: 10 May 2019 18:48

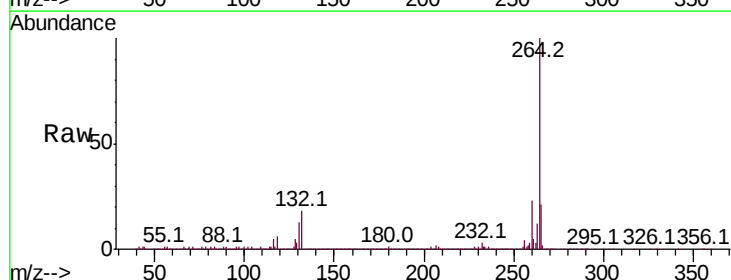
Tgt Ion:264 Resp: 641277

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

265 21.1 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

