

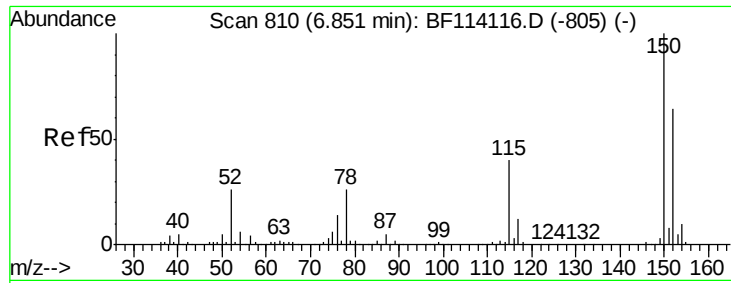
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114159.D
 Acq On : 11 May 2019 16:14
 Operator : JU/SJ
 Sample : K2763-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01

Quant Time: May 12 05:53:13 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	280606	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1094318	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	502322	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1029482	20.00	ng	0.00
76) Chrysene-d12	14.00	240	729580	20.00	ng	-0.02
87) Perylene-d12	15.47	264	757233	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1867918	107.12	ng	0.00
7) Phenol-d6	6.49	99	2591547	125.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1584795	81.27	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	595128	114.60	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2224283	66.98	ng	0.00
79) Terphenyl-d14	12.95	244	2361921	66.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	209076	15.994	ng	# 75
25) Isophorone	7.41	82	1584784	43.822	ng	# 64
32) Benzoic acid	7.86	122	2475	7.216	ng	# 57
50) Dimethylphthalate	9.59	163	521823	14.151	ng	# 99
57) 2,4-Dinitrotoluene	9.88	165	63574	5.727	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	37613	3.318	ng	# 1

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

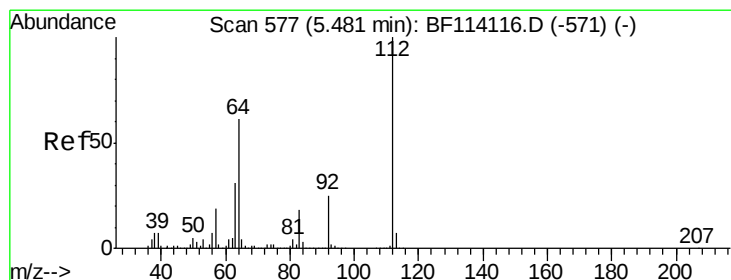
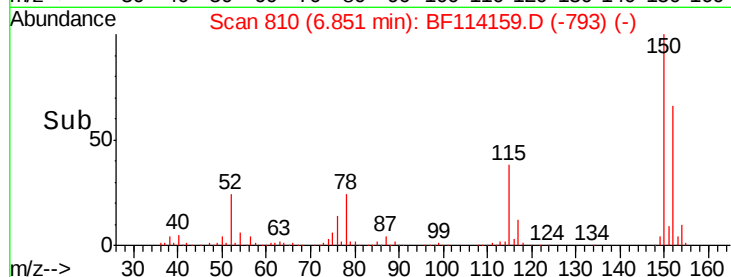
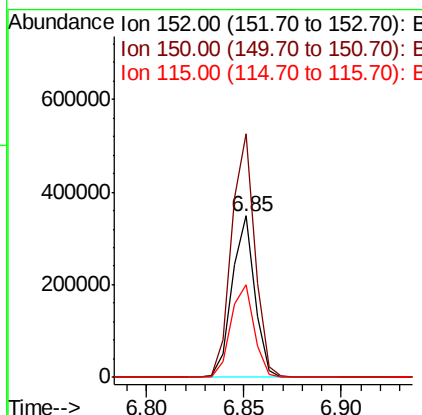
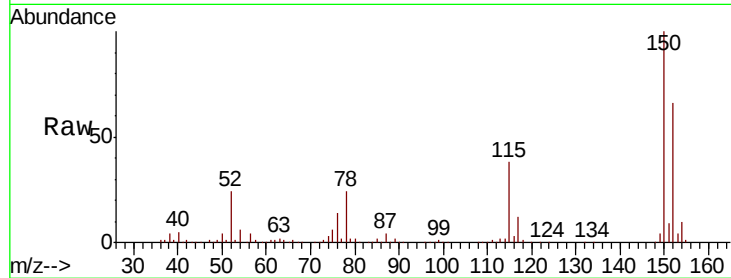


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114159.D
Acq: 11 May 2019 16:14

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01

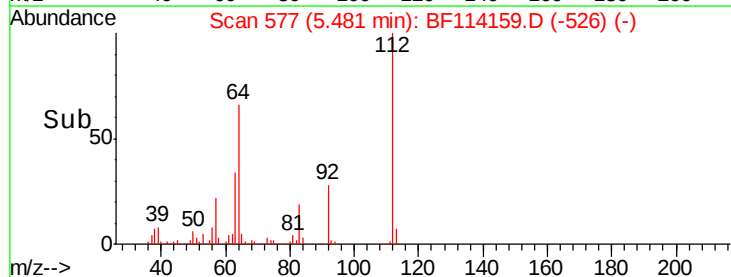
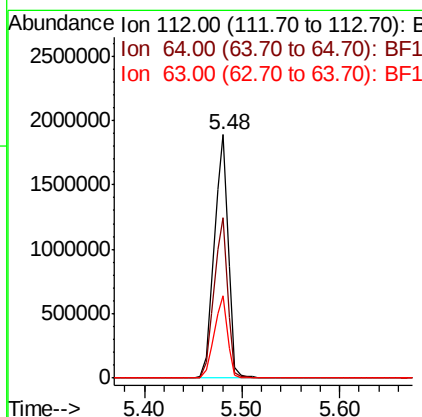
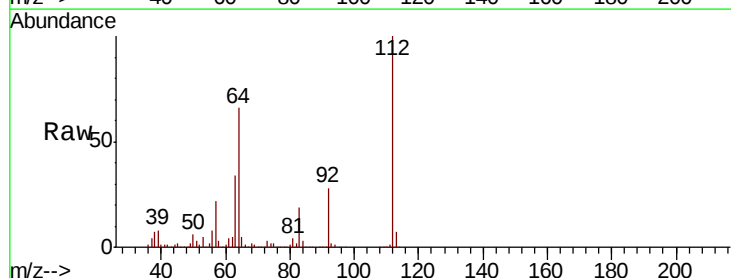
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.3	186.5
115	57.8	49.1	73.7

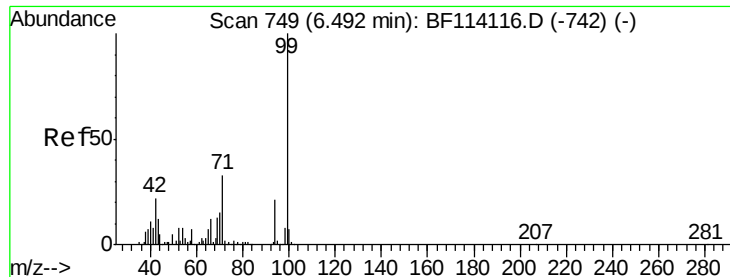


#5

2-Fluorophenol
Concen: 107.124 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114159.D
Acq: 11 May 2019 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	49.0	73.6
63	33.9	24.6	37.0





#7

Phenol-d6

Concen: 125.662 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

Instrument :

BNA_F

ClientSampleId :

P021-SS008-0206-01

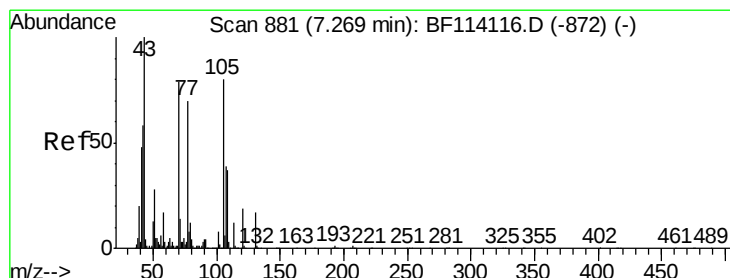
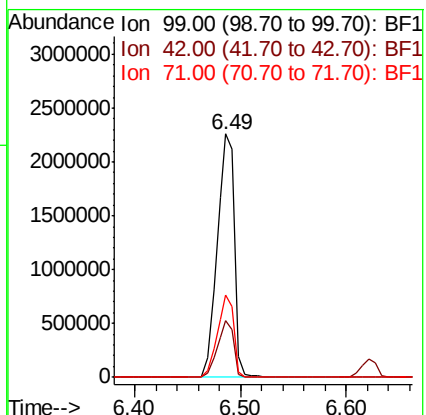
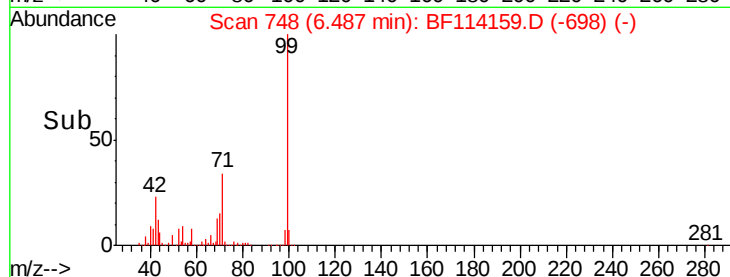
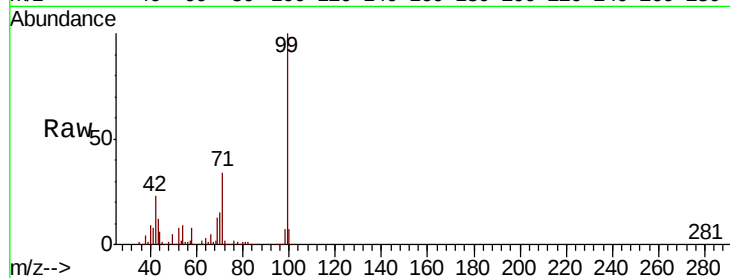
Tgt Ion: 99 Resp: 2591547

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

71 33.7 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.994 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

Tgt Ion: 70 Resp: 209076

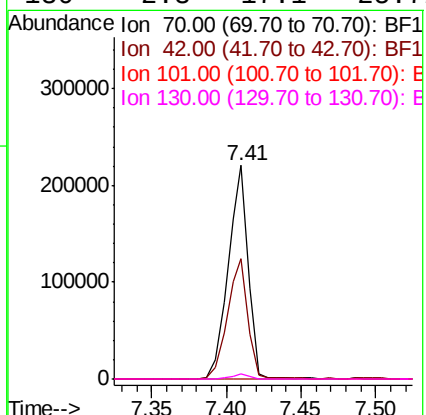
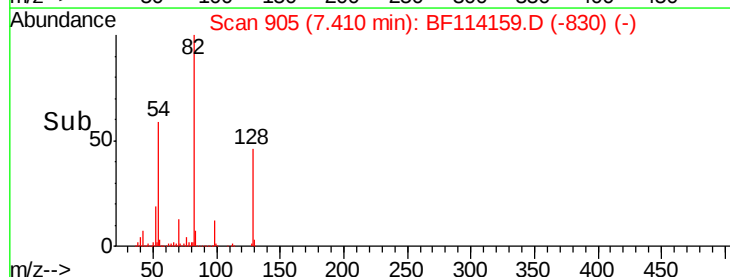
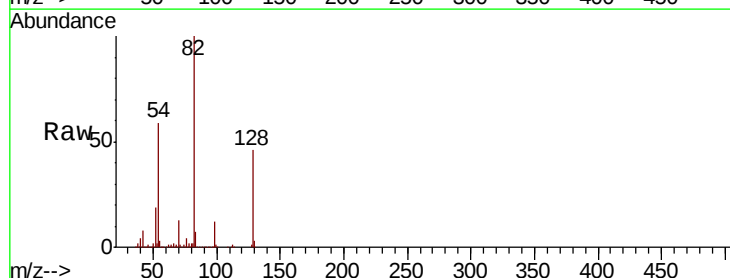
Ion Ratio Lower Upper

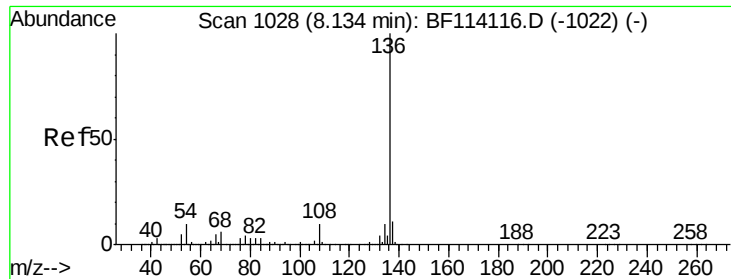
70 100

42 56.1 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

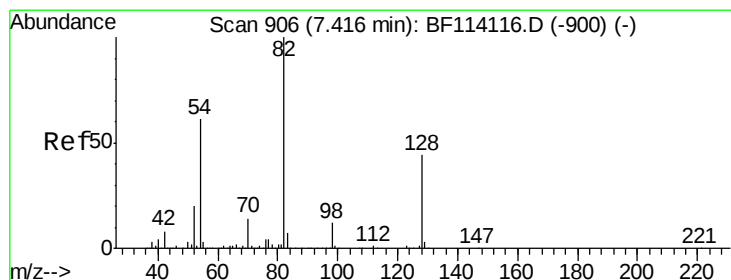
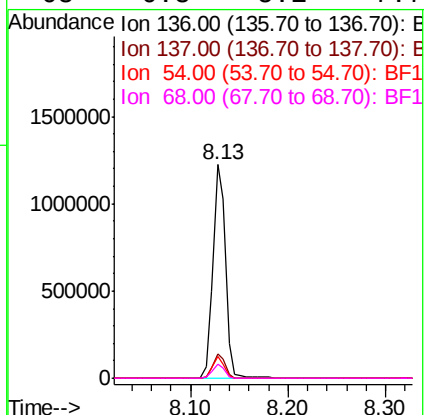
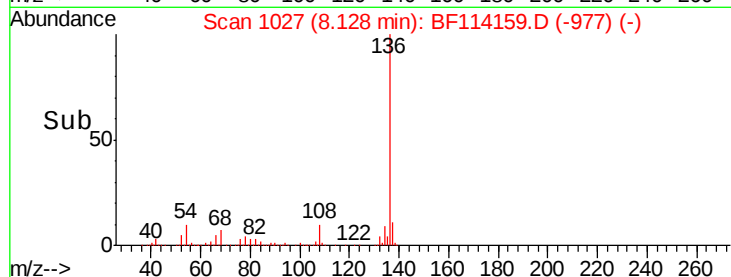
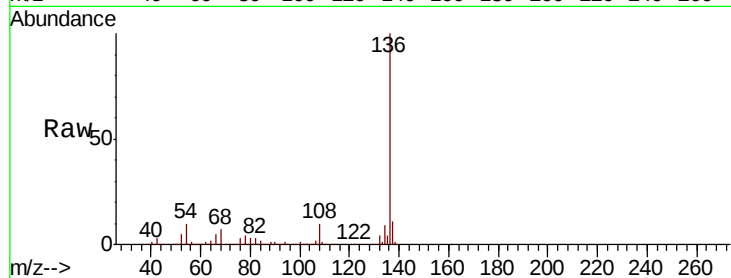




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114159.D
Acq: 11 May 2019 16:14

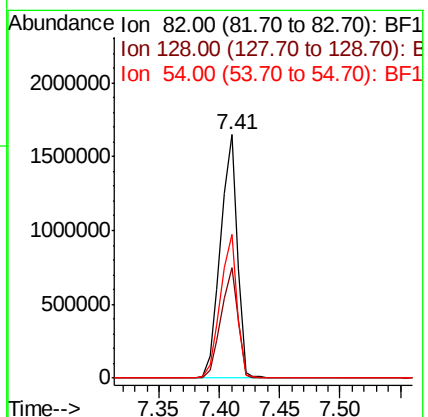
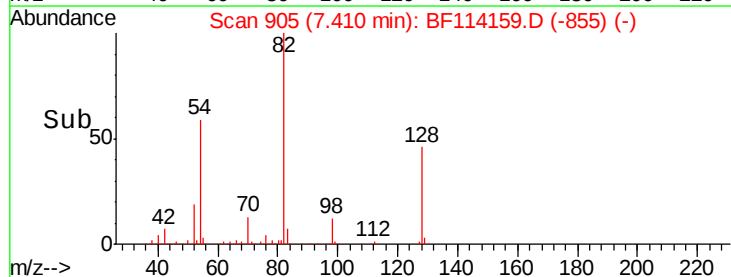
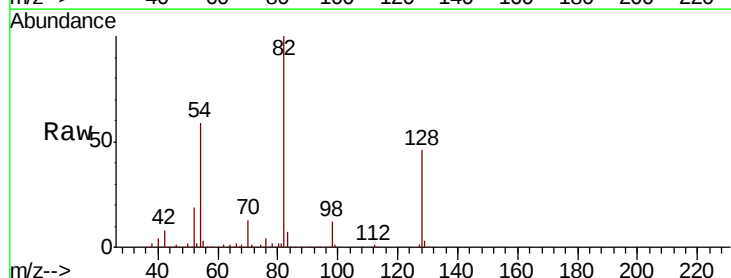
Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion:	136	Resp:	1094318
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.0	7.8	11.8
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 81.273 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114159.D
Acq: 11 May 2019 16:14

Tgt Ion:	82	Resp:	1584795
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.5	53.3
54	59.0	48.5	72.7





#25

Isophorone

Concen: 43.822 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

Instrument :

BNA_F

ClientSampleId :

P021-SS008-0206-01

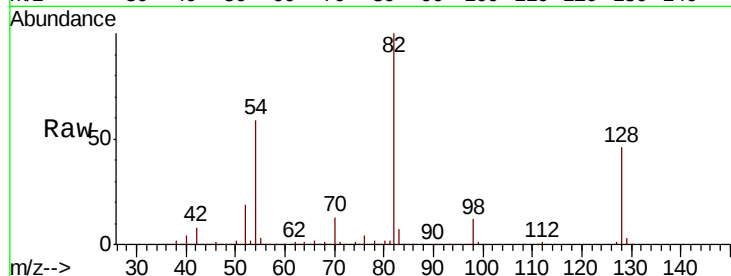
Tgt Ion: 82 Resp: 1584784

Ion Ratio Lower Upper

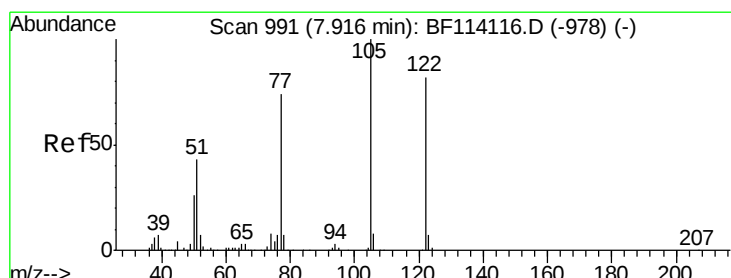
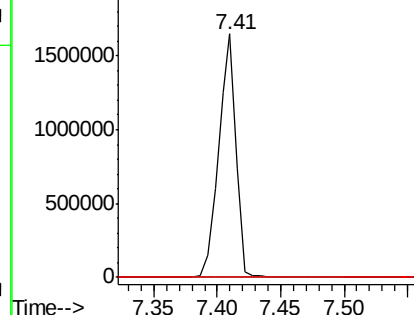
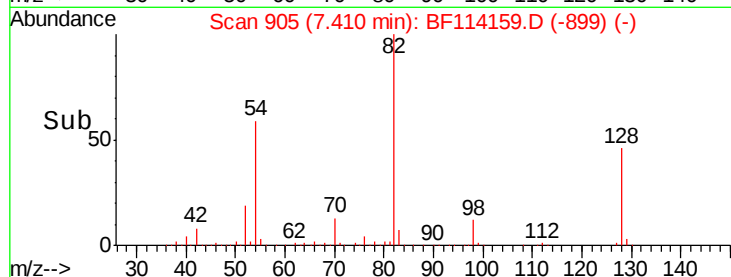
82 100

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: 7.216 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

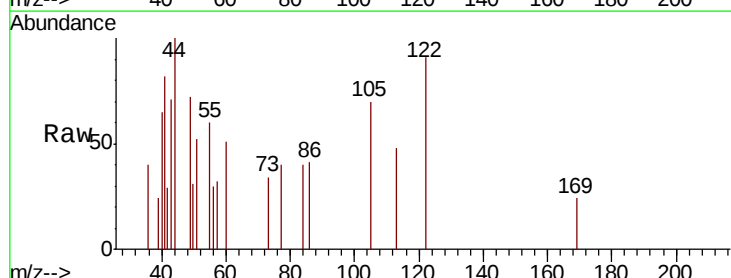
Tgt Ion: 122 Resp: 2475

Ion Ratio Lower Upper

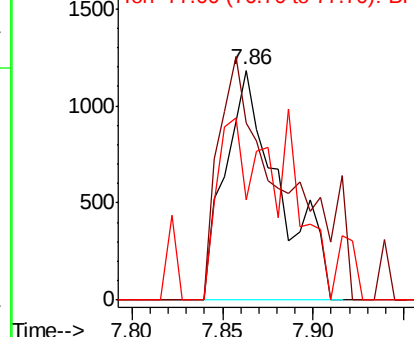
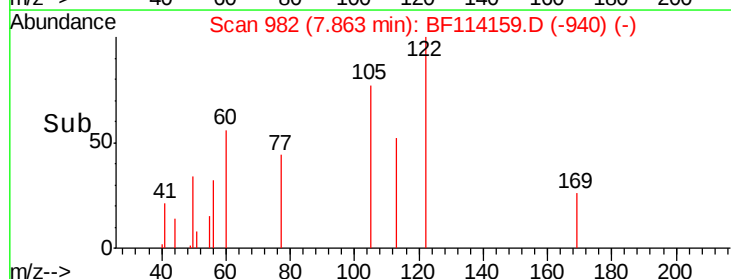
122 100

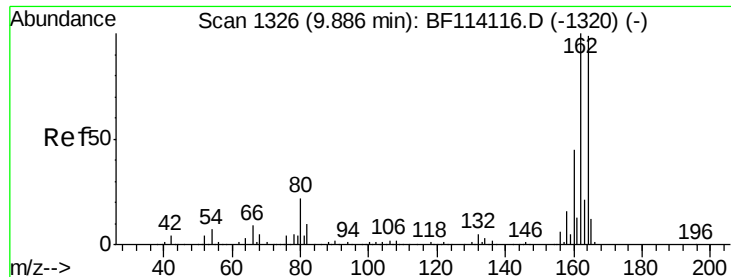
105 77.0 99.9 139.9#

77 43.9 69.4 109.4#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

Instrument :

BNA_F

ClientSampleId :

P021-SS008-0206-01

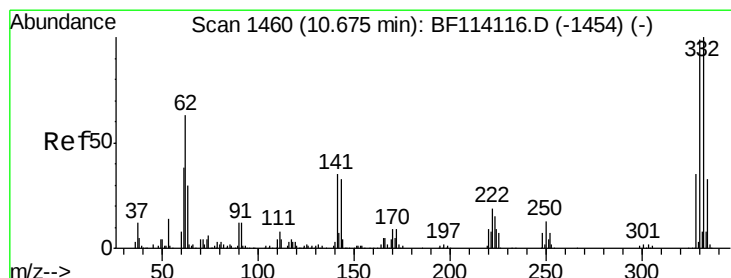
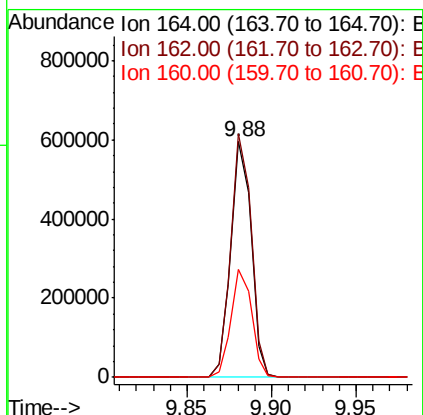
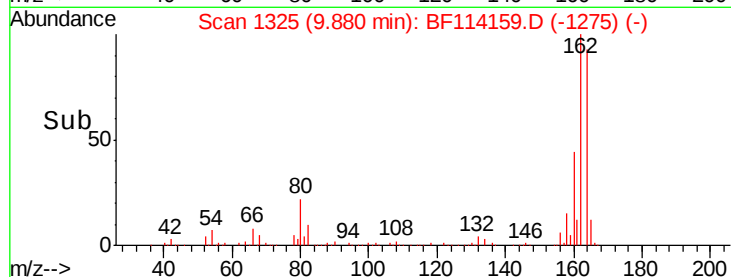
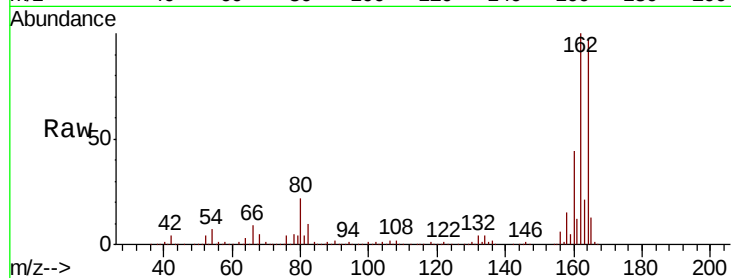
Tgt Ion:164 Resp: 502322

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

160 45.7 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 114.598 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

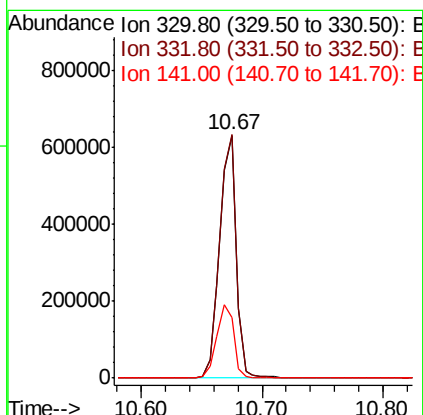
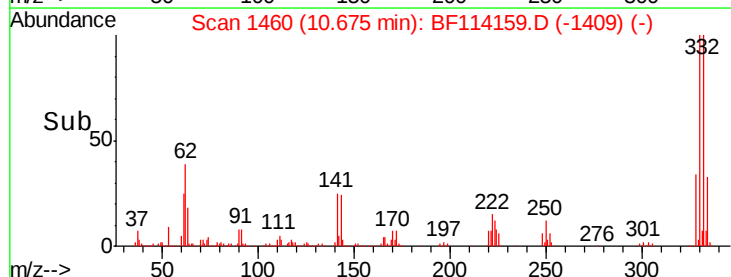
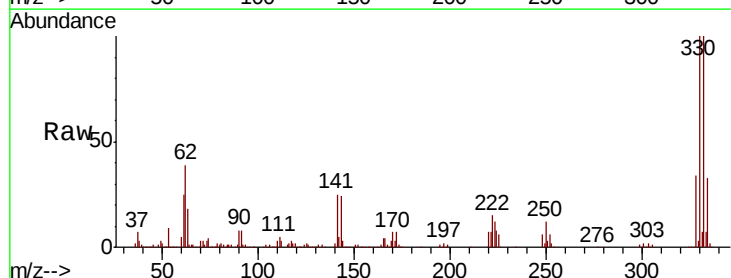
Tgt Ion:330 Resp: 595128

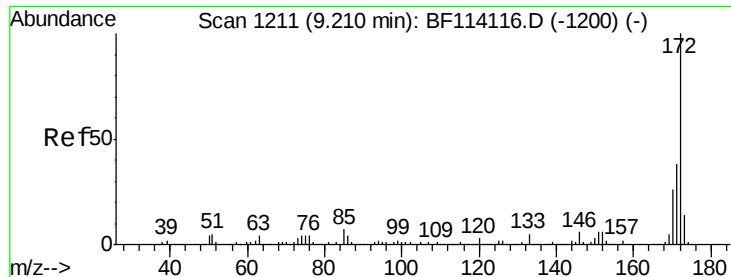
Ion Ratio Lower Upper

330 100

332 101.0 81.4 122.2

141 31.3 26.6 40.0

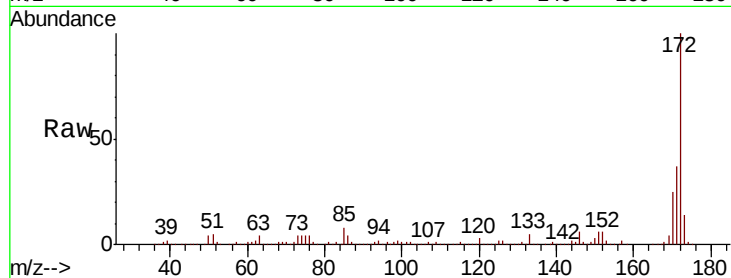




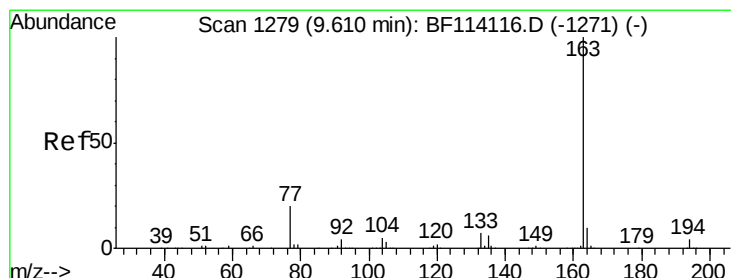
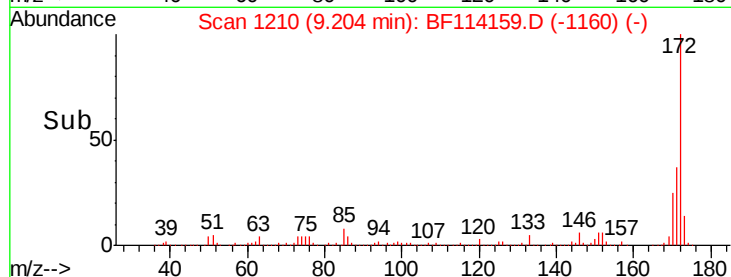
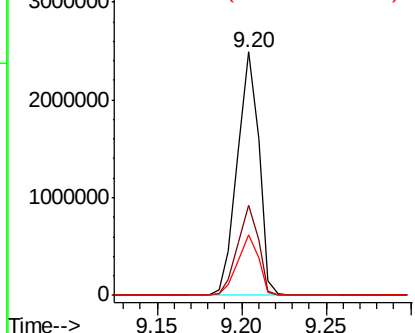
#45
 2-Fluorobiphenyl
 Concen: 66.981 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114159.D
 Acq: 11 May 2019 16:14

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01

Tgt Ion:172 Resp: 2224283
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.7 46.1
 170 24.8 20.5 30.7

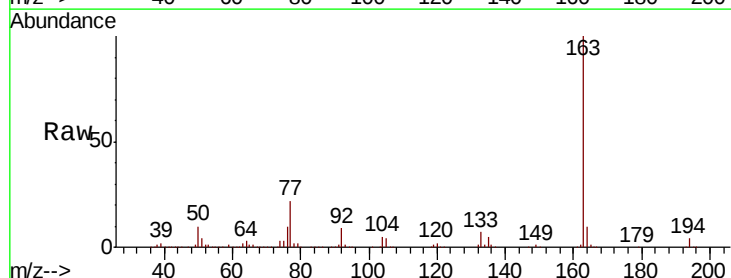


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

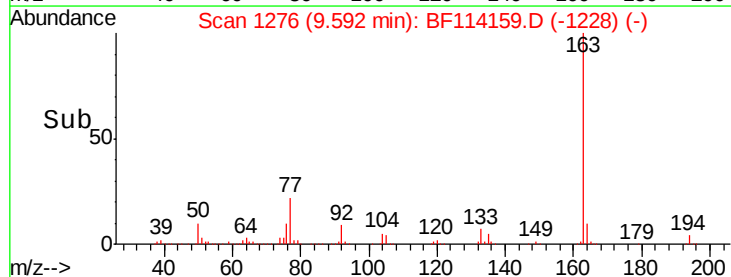
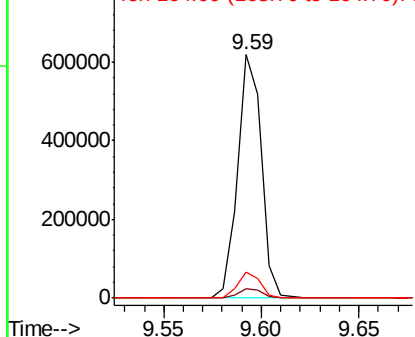


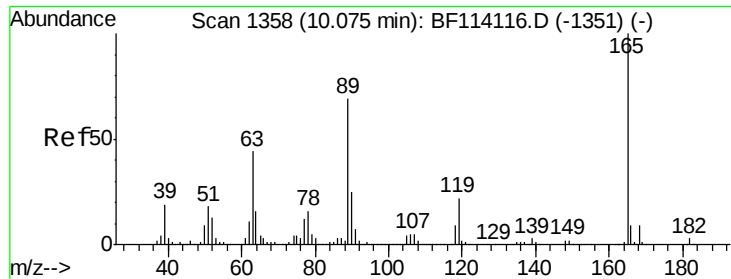
#50
 Dimethylphthalate
 Concen: 14.151 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF114159.D
 Acq: 11 May 2019 16:14

Tgt Ion:163 Resp: 521823
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.0
 164 10.5 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

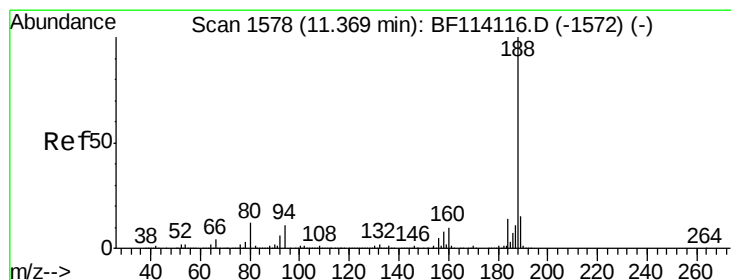
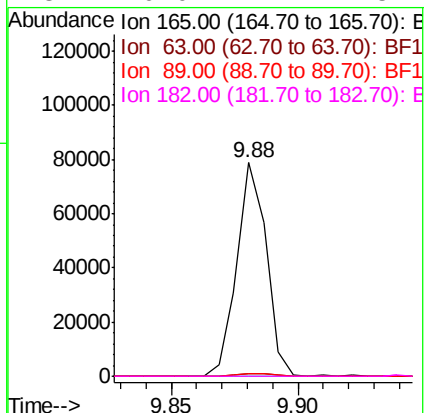
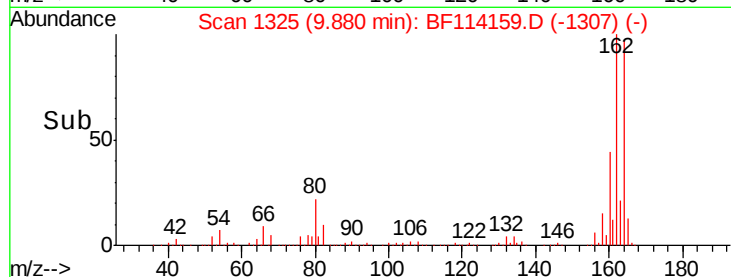
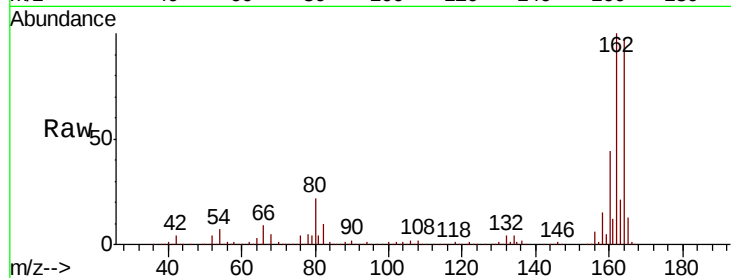




#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114159.D
Acq: 11 May 2019 16:14

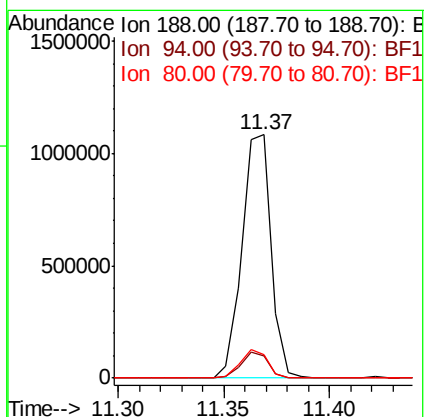
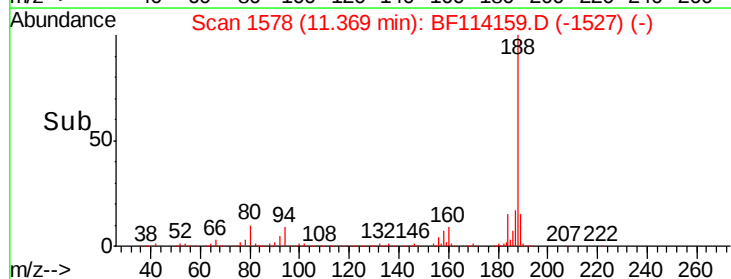
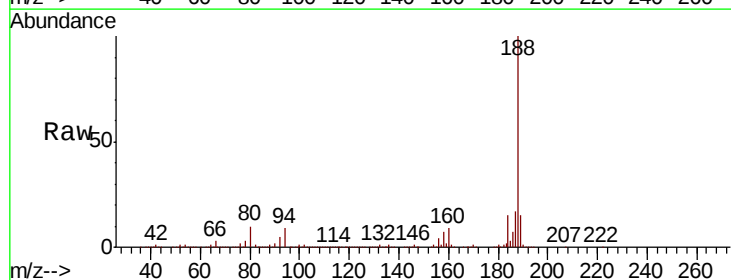
Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01

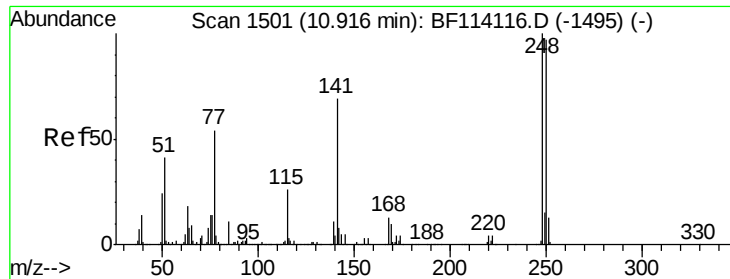
Tgt Ion:165 Resp: 63574
Ion Ratio Lower Upper
165 100
63 1.1 35.5 53.3#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114159.D
Acq: 11 May 2019 16:14

Tgt Ion:188 Resp: 1029482
Ion Ratio Lower Upper
188 100
94 9.0 8.4 12.6
80 9.5 9.2 13.8

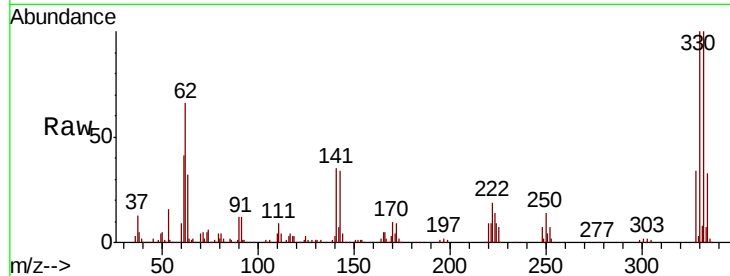




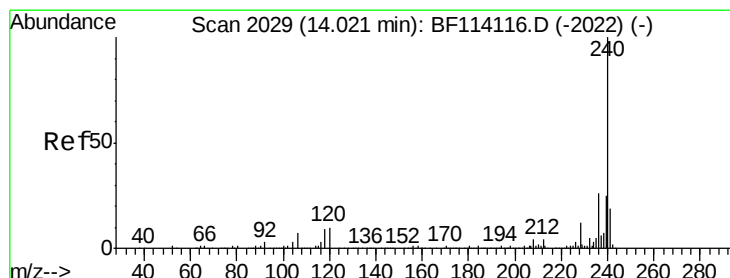
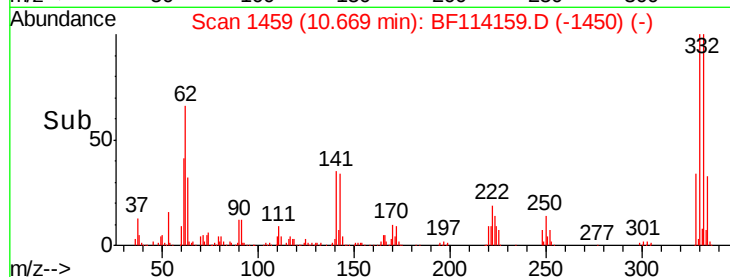
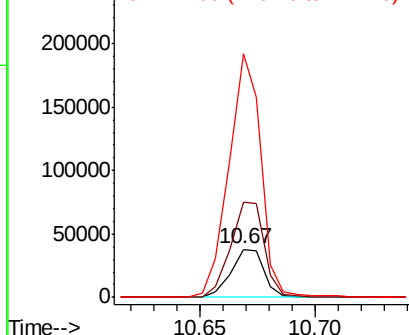
#67
 4-Bromophenyl-phenylether
 Concen: 3.318 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF114159.D
 Acq: 11 May 2019 16:14

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01

Tgt Ion:248 Resp: 37613
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.4 116.2#
 141 506.9 55.6 83.4#

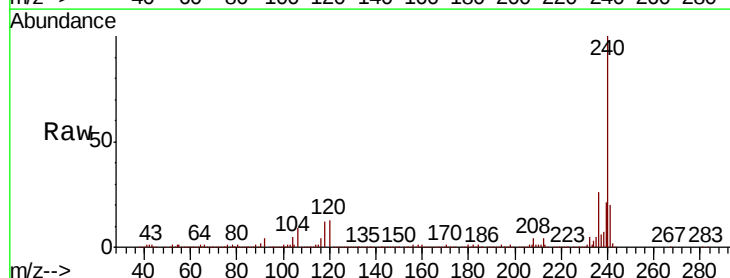


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

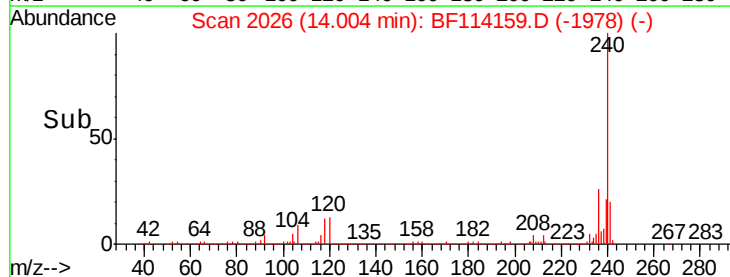
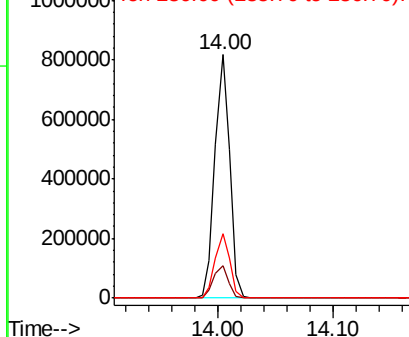


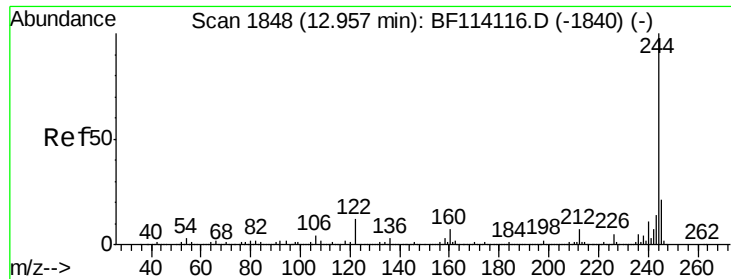
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF114159.D
 Acq: 11 May 2019 16:14

Tgt Ion:240 Resp: 729580
 Ion Ratio Lower Upper
 240 100
 120 13.5 8.3 12.5#
 236 26.4 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: 66.736 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

Instrument :

BNA_F

ClientSampleId :

P021-SS008-0206-01

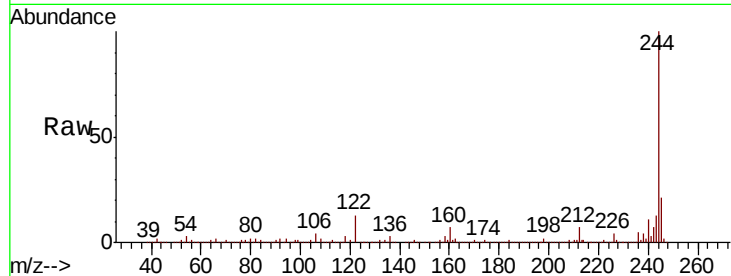
Tgt Ion:244 Resp: 2361921

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

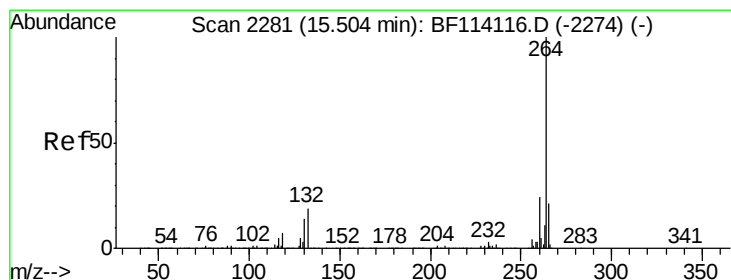
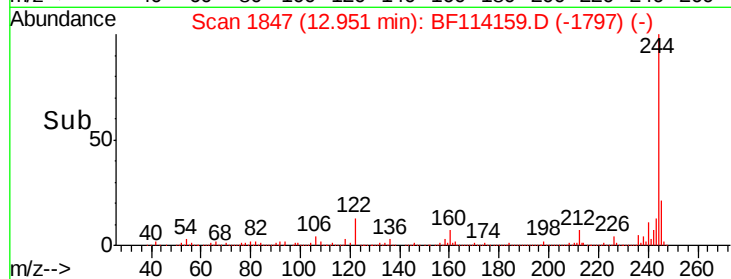
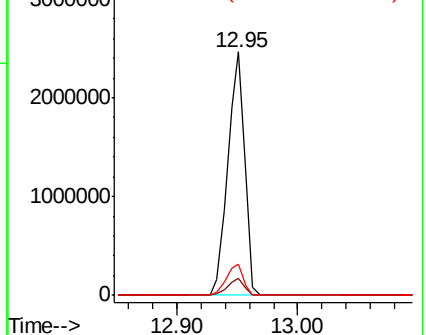
122 12.8 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF114159.D

Acq: 11 May 2019 16:14

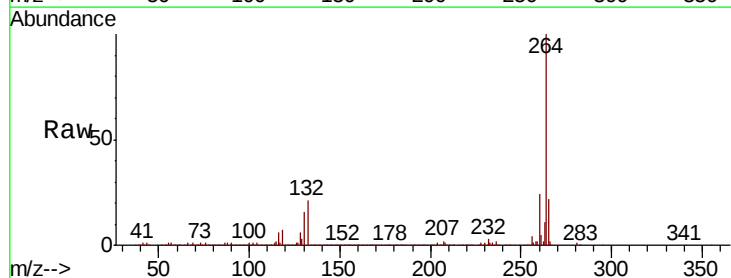
Tgt Ion:264 Resp: 757233

Ion Ratio Lower Upper

264 100

260 23.7 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

