

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113154.D
 Acq On : 20 Mar 2019 5:28
 Operator : JU/SJ
 Sample : K1948-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW065-031219

Quant Time: Mar 20 07:20:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166687	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	650660	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	280696	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	521292	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	400514	20.00	ng	0.00
87) Perylene-d12	15.27	264	321924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1096785	102.35	ng	0.00
7) Phenol-d6	6.37	99	1441568	107.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	885186	81.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	346494	116.28	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1272254	72.16	ng	-0.01
79) Terphenyl-d14	12.82	244	1049083	50.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	116591	13.676	ng	# 75
25) Isophorone	7.29	82	876459	37.414	ng	# 66
50) Dimethylphthalate	9.47	163	177604	8.581	ng	99
57) 2,4-Dinitrotoluene	9.75	165	35635	6.652	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	417	4.789	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	19137	3.485	ng	# 1

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

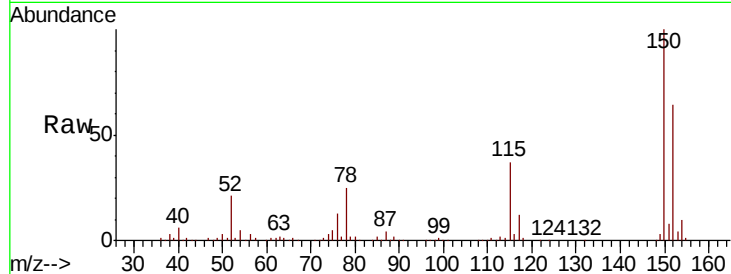


#1

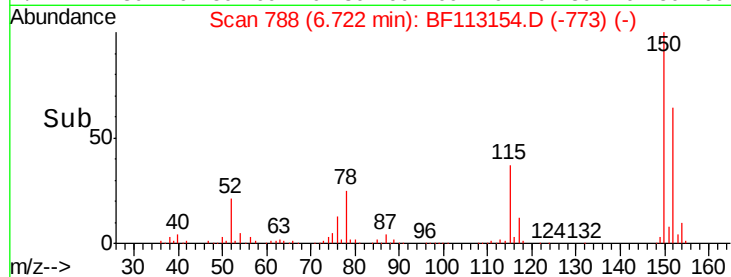
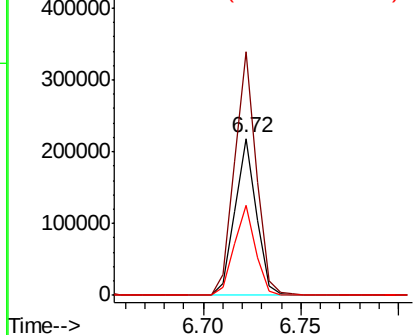
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113154.D
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 PST-028-SW065-031219

Tgt Ion:152 Resp: 166687
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.2 186.2
 115 57.5 48.2 72.4



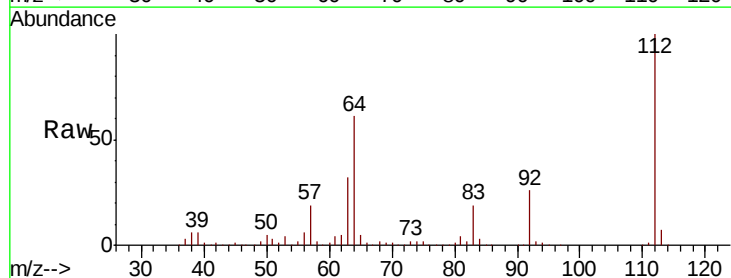
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



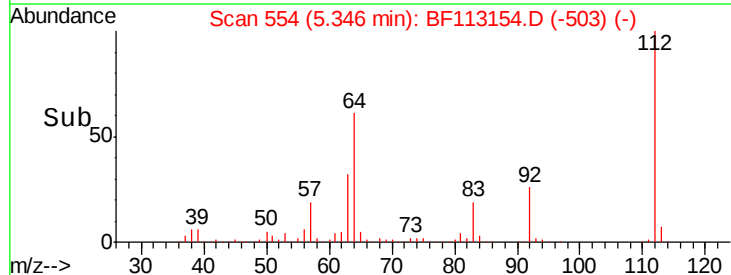
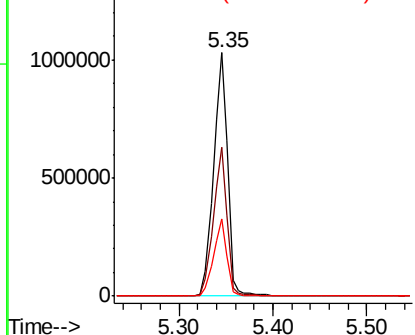
#5

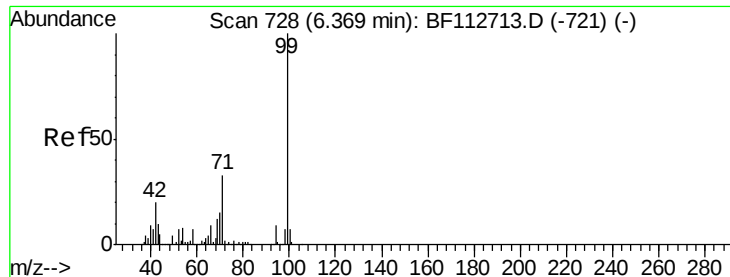
2-Fluorophenol
 Concen: 102.353 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113154.D
 Acq: 20 Mar 2019 5:28

Tgt Ion:112 Resp: 1096785
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.6 71.4
 63 31.9 24.4 36.6



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: 107.095 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113154.D

Acq: 20 Mar 2019 5:28

Instrument :

BNA_F

ClientSampleId :

PST-028-SW065-031219

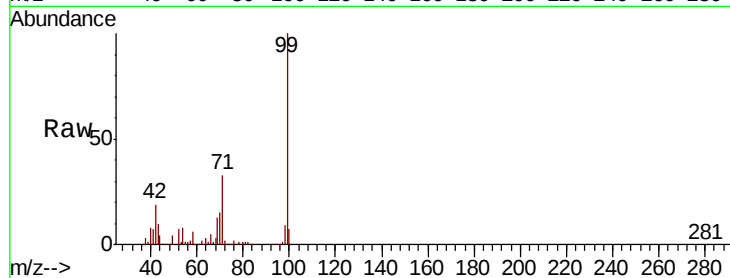
Tgt Ion: 99 Resp: 1441568

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

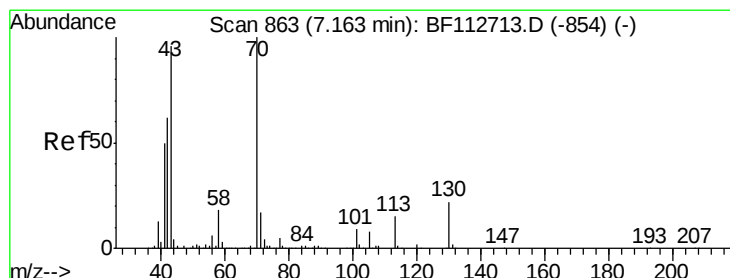
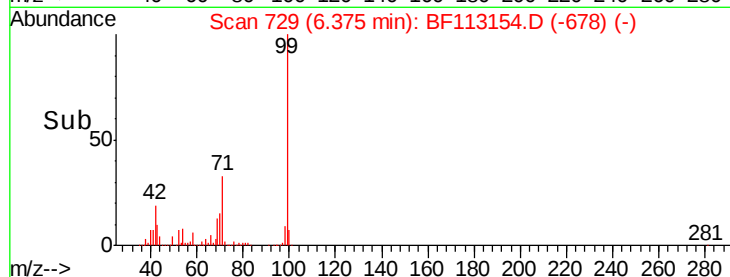
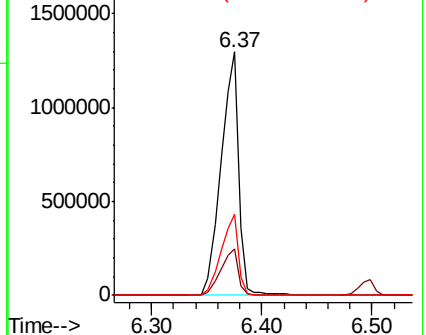
71 33.0 26.2 39.4



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: 13.676 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113154.D

Acq: 20 Mar 2019 5:28

Tgt Ion: 70 Resp: 116591

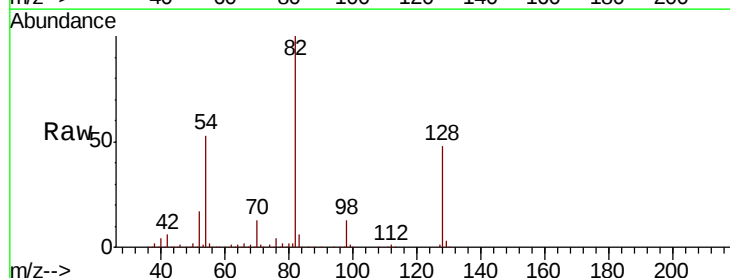
Ion Ratio Lower Upper

70 100

42 47.3 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

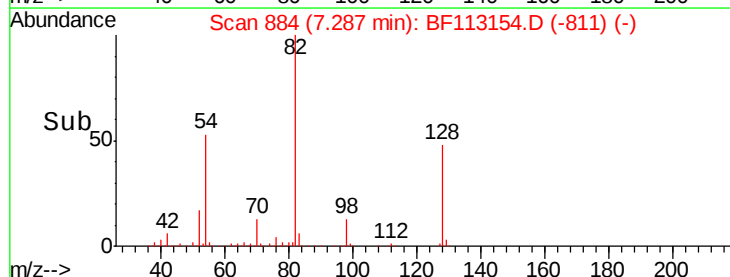
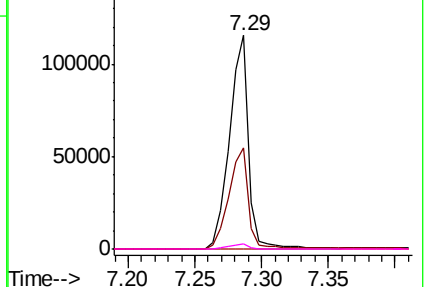


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

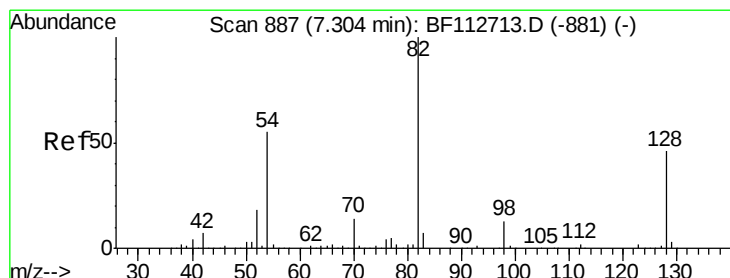
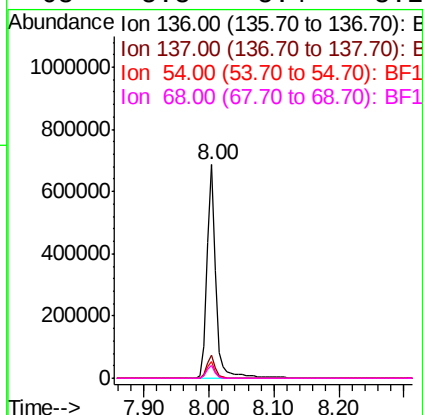
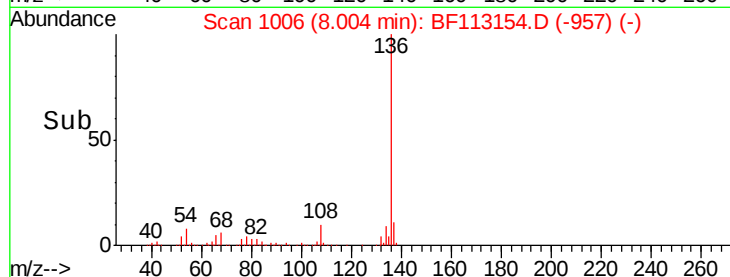
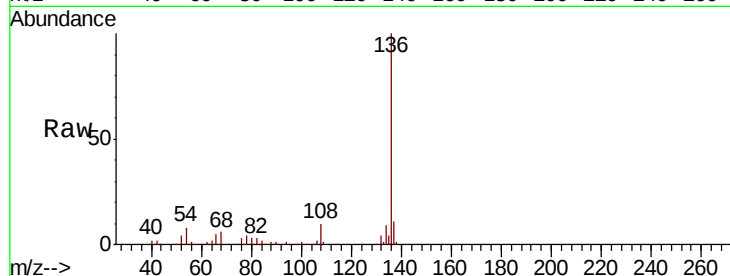




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

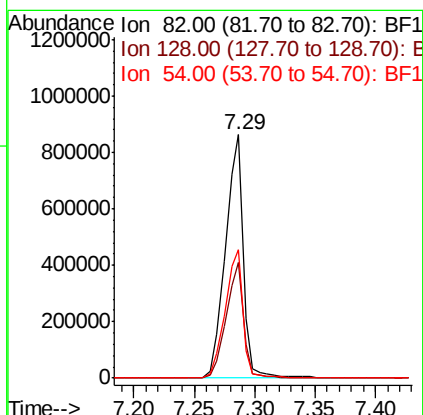
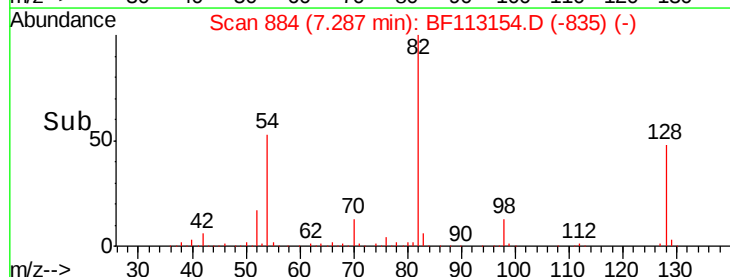
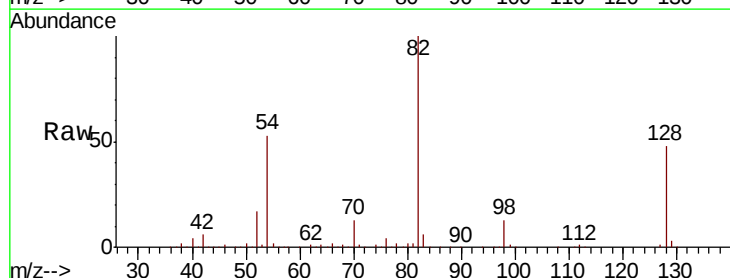
Instrument :
BNA_F
ClientSampleId :
PST-028-SW065-031219

Tgt Ion:	136	Resp:	650660
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	7.3	10.9
68	5.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 81.406 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

Tgt Ion:	82	Resp:	885186
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.9	43.7	65.5

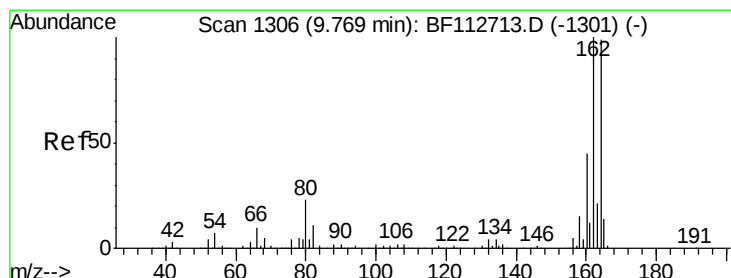
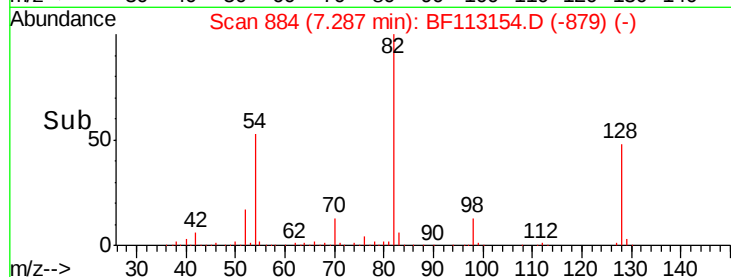
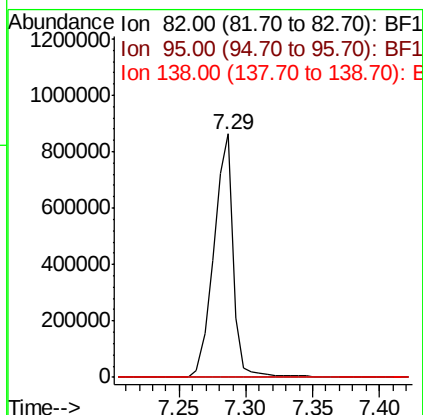
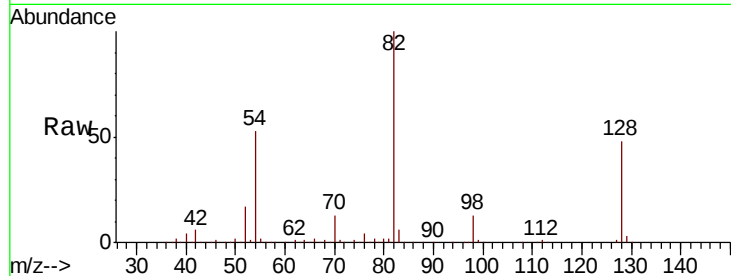




#25
Isophorone
Concen: 37.414 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

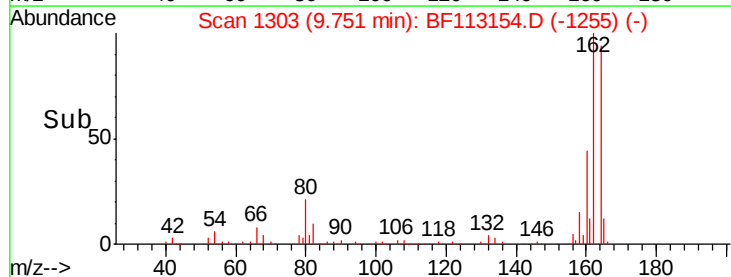
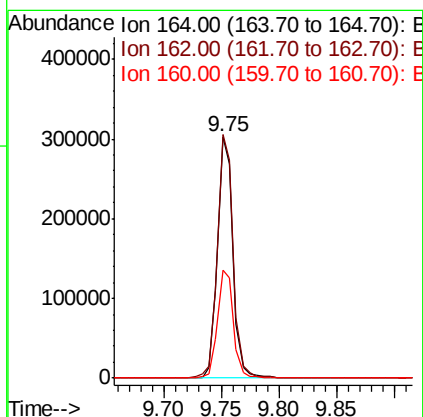
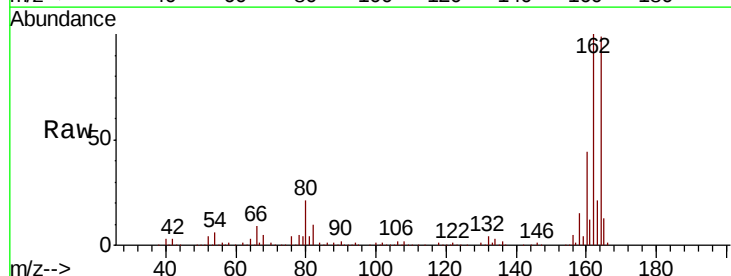
Instrument :
BNA_F
ClientSampleId :
PST-028-SW065-031219

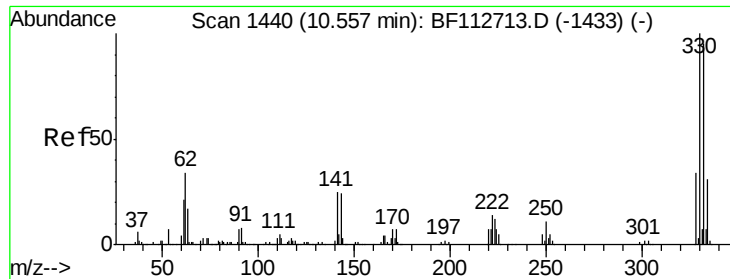
Tgt Ion: 82 Resp: 876459
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

Tgt Ion: 164 Resp: 280696
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.4 36.0 54.0

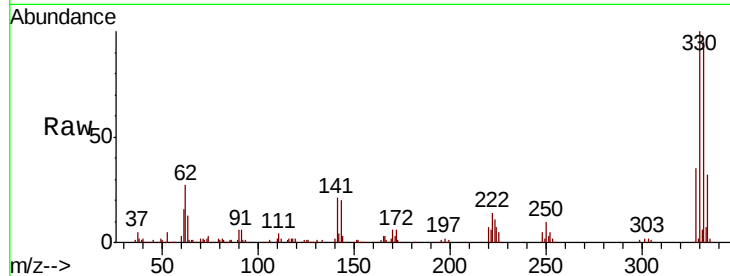




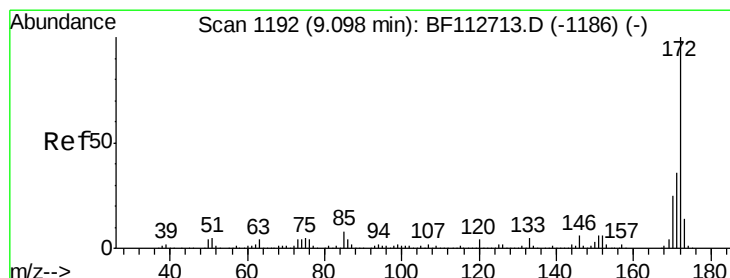
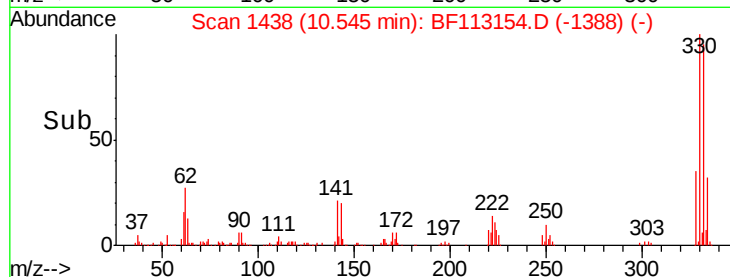
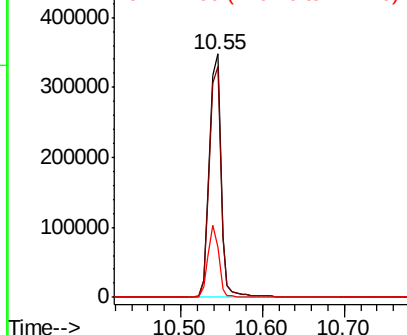
#42
 2,4,6-Tribromophenol
 Concen: 116.276 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113154.D
 Acq: 20 Mar 2019 5:28

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW065-031219

Tgt Ion: 330 Resp: 346494
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 27.9 27.0 40.6

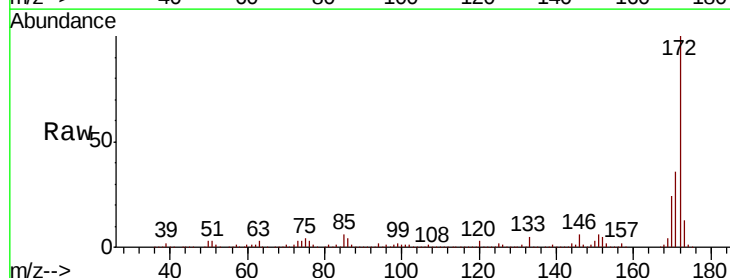


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

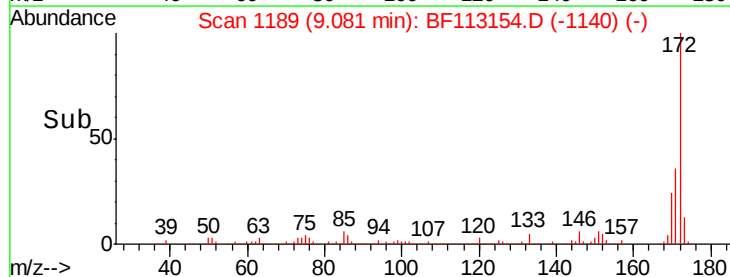
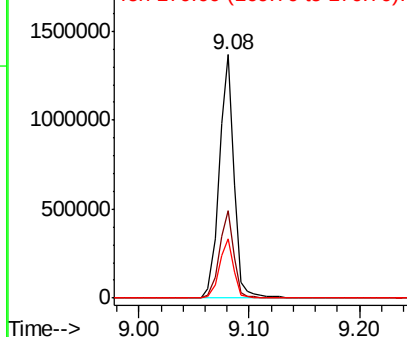


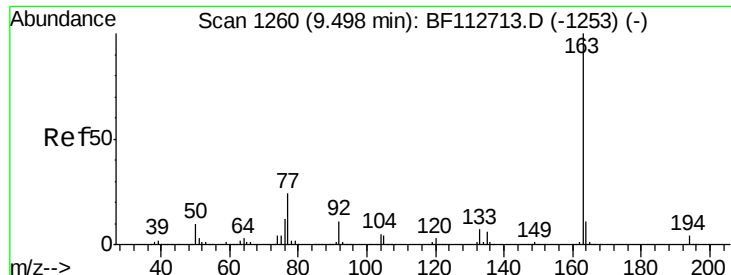
#45
 2-Fluorobiphenyl
 Concen: 72.163 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113154.D
 Acq: 20 Mar 2019 5:28

Tgt Ion: 172 Resp: 1272254
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.2 20.0 30.0



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: 8.581 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113154.D

Acq: 20 Mar 2019 5:28

Instrument :

BNA_F

ClientSampleId :

PST-028-SW065-031219

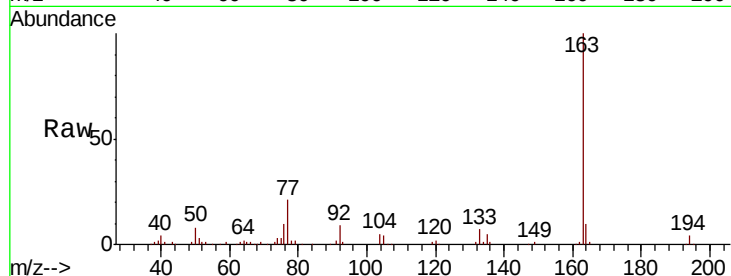
Tgt Ion:163 Resp: 177604

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

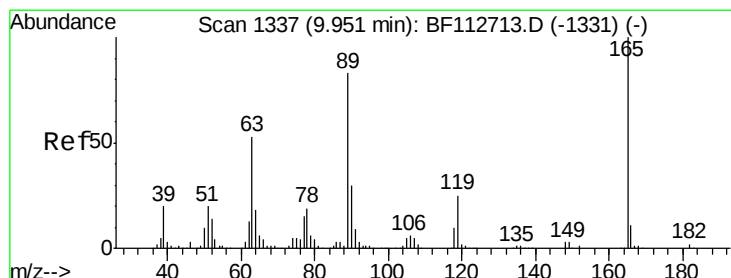
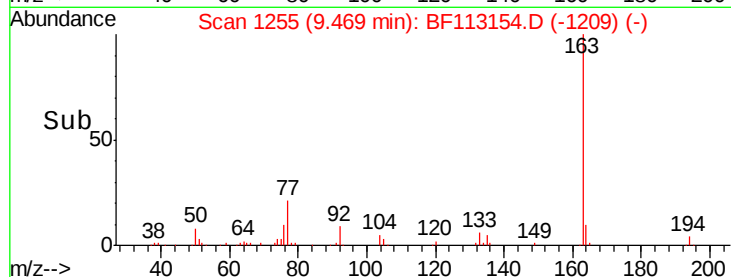
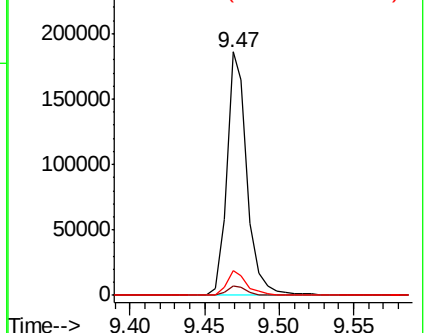
164 9.9 8.4 12.6



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: 6.652 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF113154.D

Acq: 20 Mar 2019 5:28

Tgt Ion:165 Resp: 35635

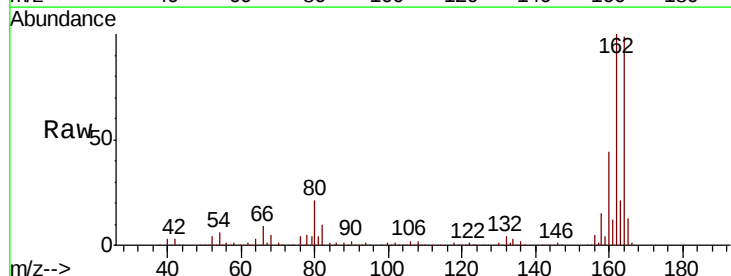
Ion Ratio Lower Upper

165 100

63 1.5 42.2 63.2#

89 1.2 66.2 99.4#

182 0.0 1.8 2.6#

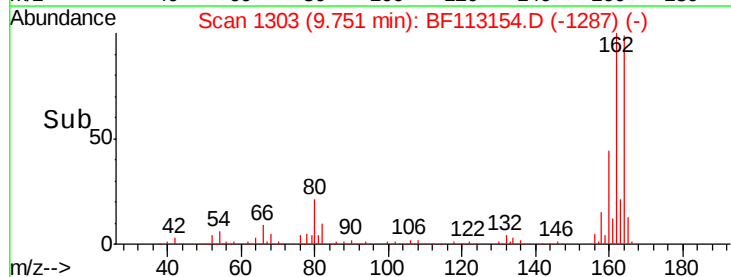
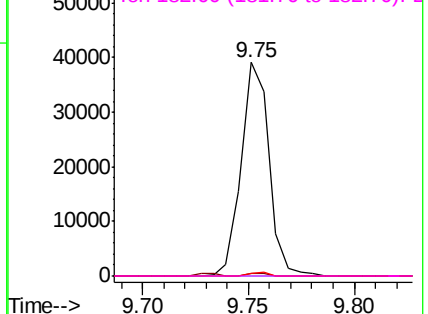


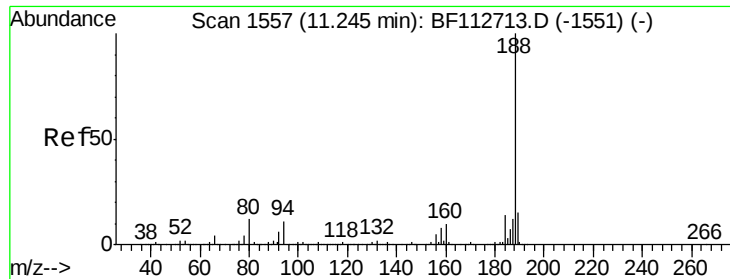
Abundance Ion 165.00 (164.70 to 165.70): E

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

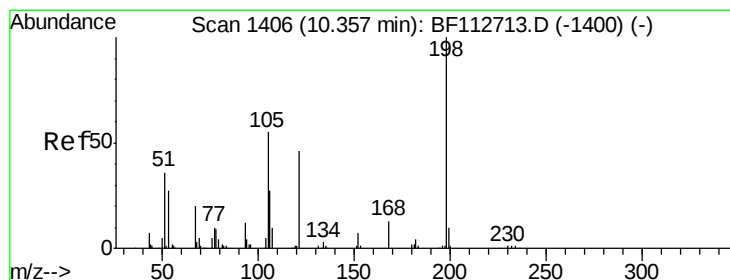
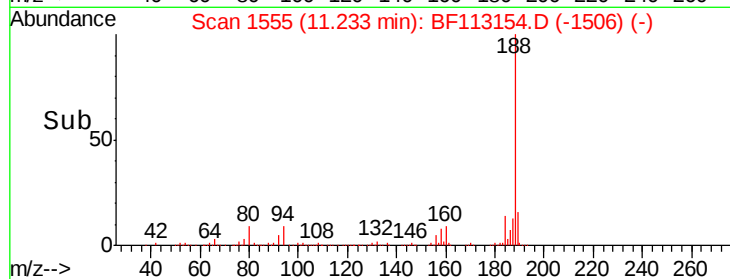
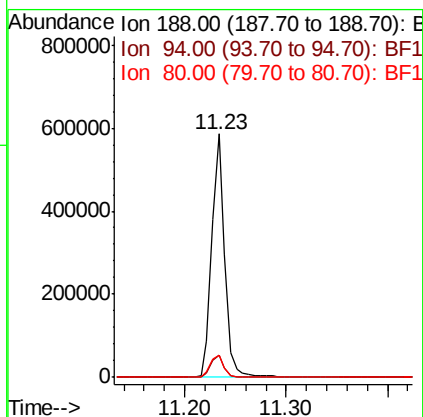
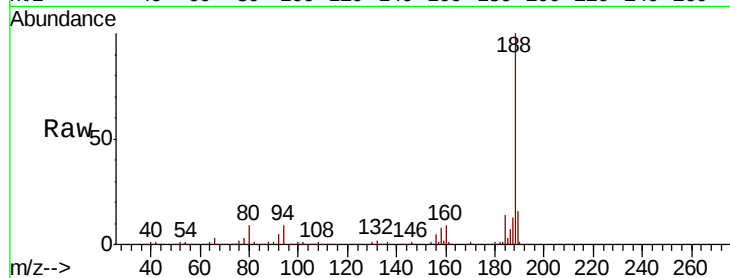




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

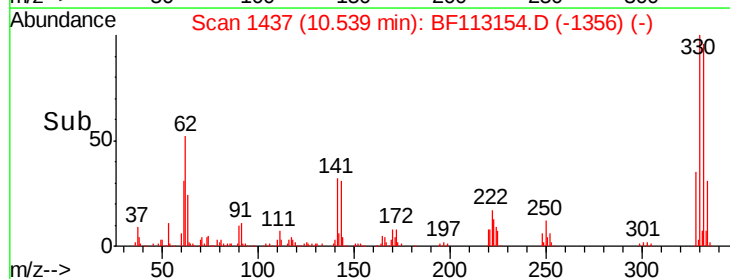
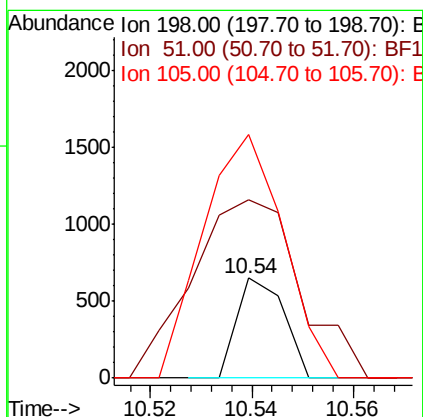
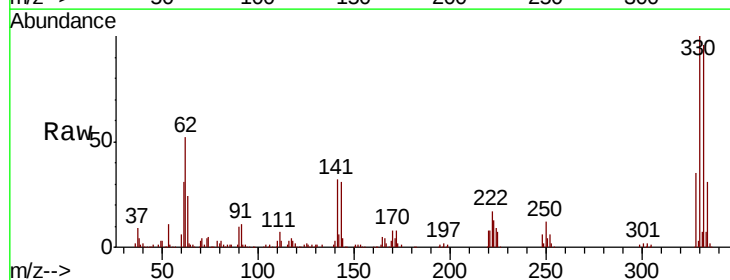
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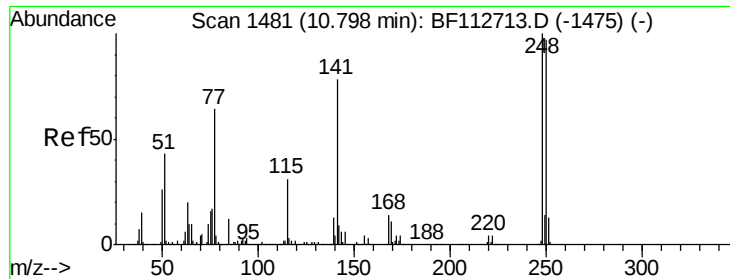
Tgt Ion:188 Resp: 521292
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4#
80 9.3 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.789 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

Tgt Ion:198 Resp: 417
Ion Ratio Lower Upper
198 100
51 178.7 43.8 83.8#
105 243.6 36.5 76.5#

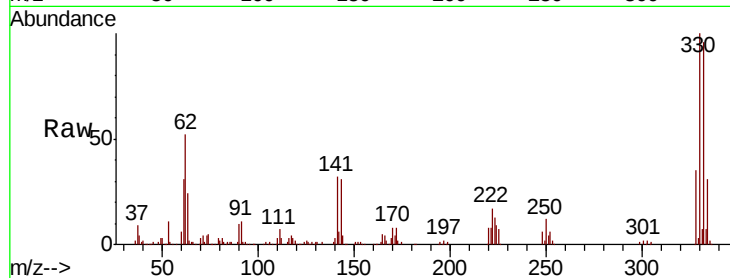




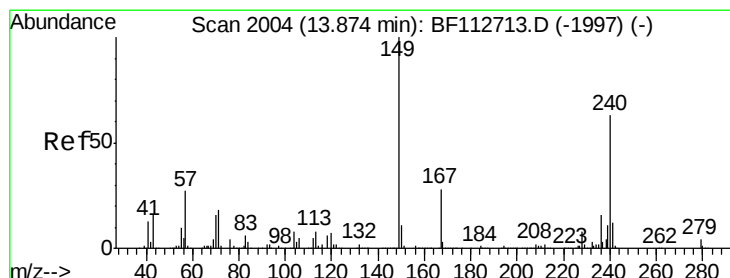
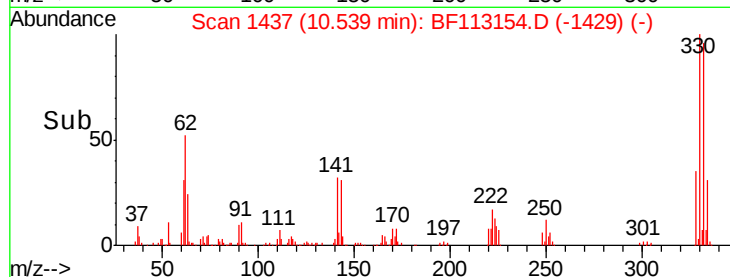
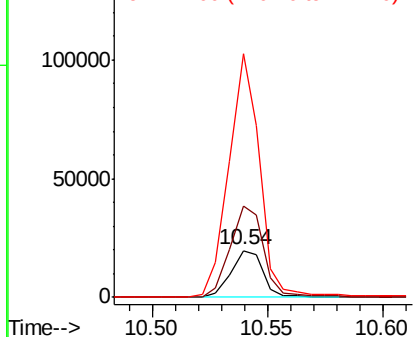
#67
4-Bromophenyl-phenylether
Concen: 3.485 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

Instrument :
BNA_F
ClientSampleId :
PST-028-SW065-031219

Tgt Ion: 248 Resp: 19137
Ion Ratio Lower Upper
248 100
250 196.6 77.5 116.3#
141 523.3 62.4 93.6#

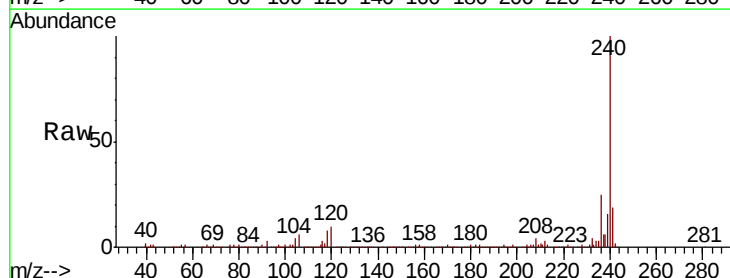


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

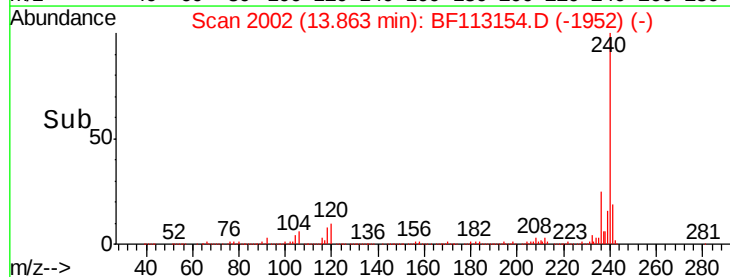
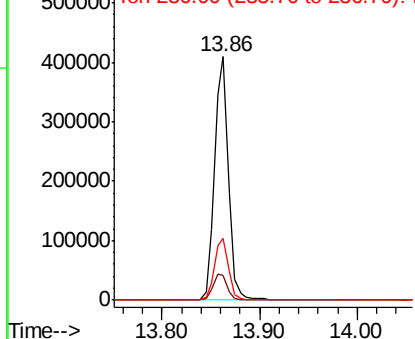


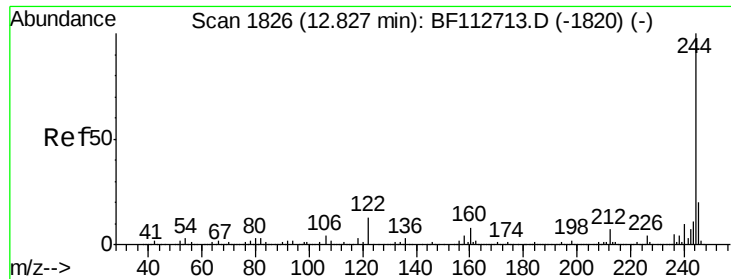
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113154.D
Acq: 20 Mar 2019 5:28

Tgt Ion: 240 Resp: 400514
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.5 20.7 31.1



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: 50.776 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113154.D

Acq: 20 Mar 2019 5:28

Instrument :

BNA_F

ClientSampleId :

PST-028-SW065-031219

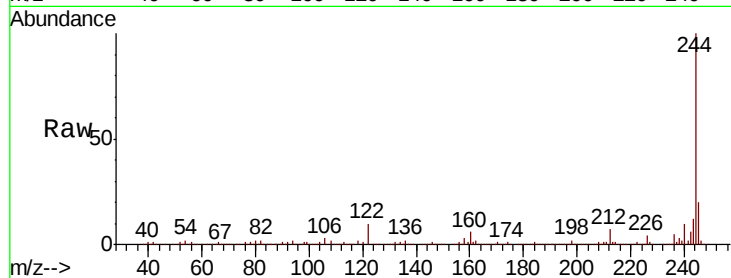
Tgt Ion:244 Resp: 1049083

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

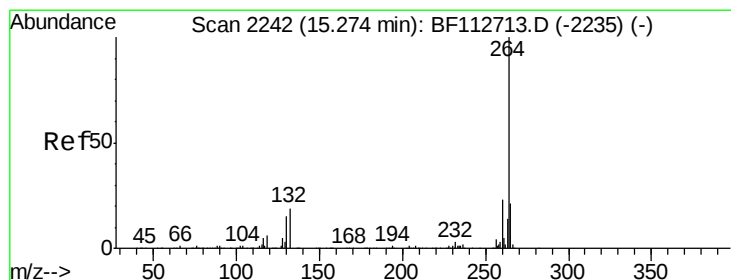
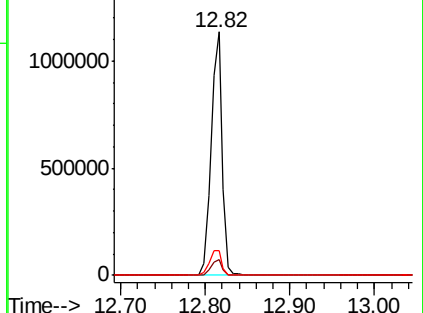
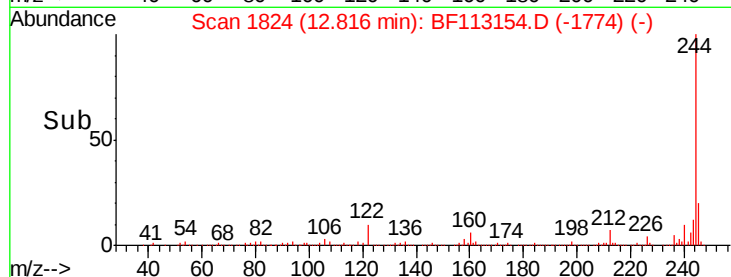
122 10.2 10.5 15.7#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113154.D

Acq: 20 Mar 2019 5:28

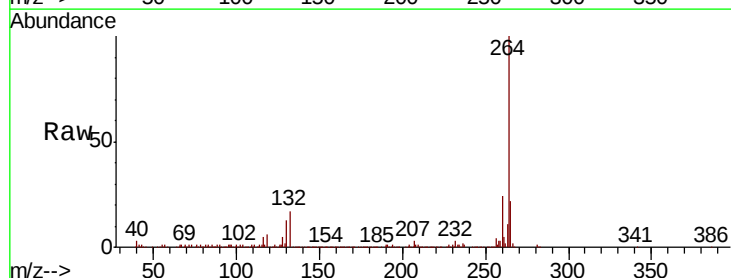
Tgt Ion:264 Resp: 321924

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.7 17.2 25.8



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

