

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001115.D
 Acq On : 28 Nov 2019 08:47
 Operator : JU
 Sample : K5663-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219

Quant Time: Nov 29 02:42:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

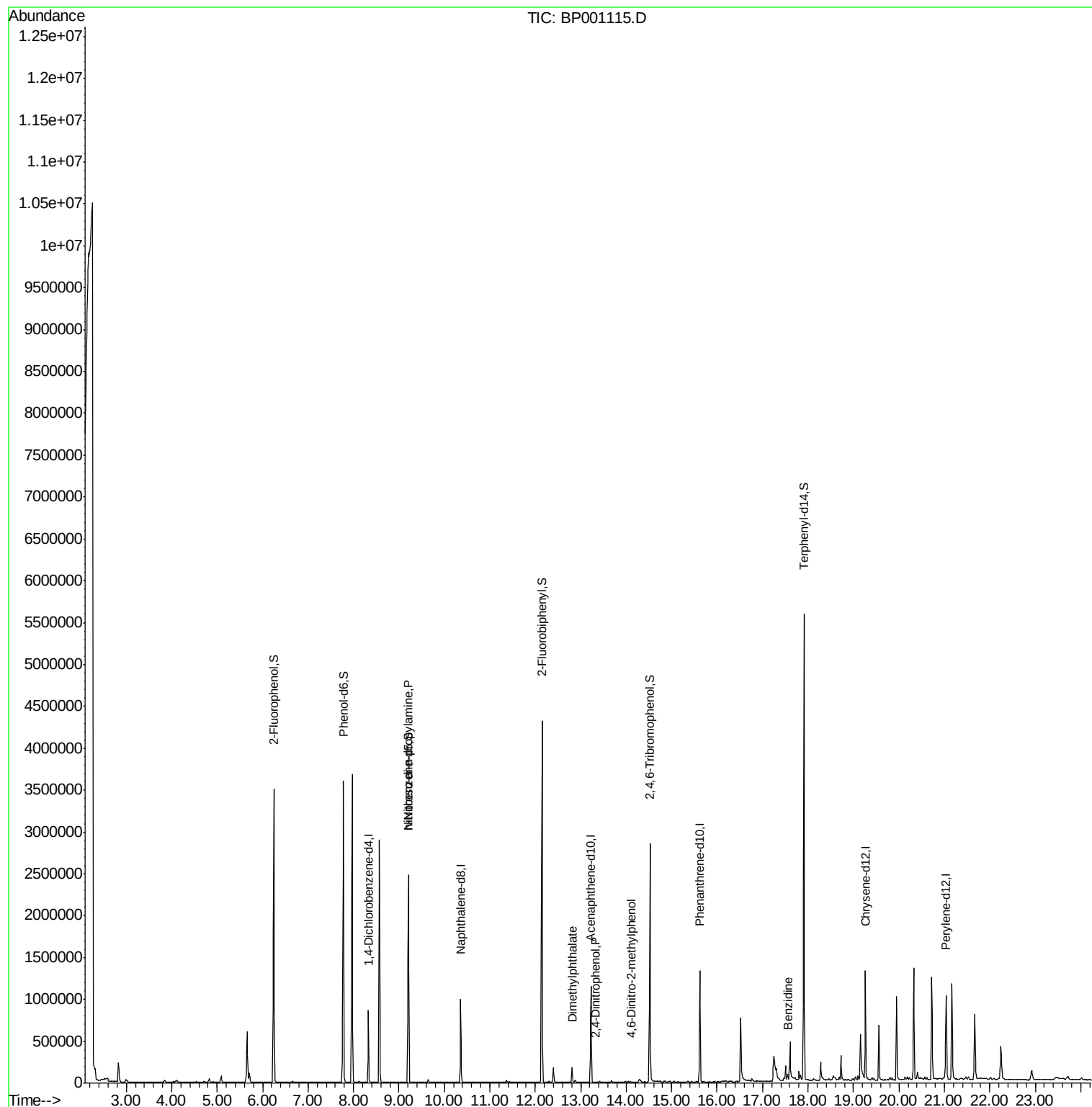
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	145233	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	536611	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	305812	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	590335	20.00	ng	0.00
76) Chrysene-d12	19.26	240	472519	20.00	ng	-0.01
87) Perylene-d12	21.04	264	507794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1193447	136.33	ng	0.02
7) Phenol-d6	7.78	99	1609530	138.01	ng	0.01
23) Nitrobenzene-d5	9.21	82	1068699	86.41	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	402954	137.47	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1759419	84.20	ng	0.00
79) Terphenyl-d14	17.91	244	2240283	87.72	ng	0.00
Target Compounds						
9) Benzaldehyde	7.63	77	410	Below Cal		Qvalue # 63
19) n-Nitroso-di-n-propylamine	9.21	70	147998	17.587 ng	#	79
50) Dimethylphthalate	12.81	163	83770	3.663 ng		98
54) 2,4-Dinitrophenol	13.32	184	24	7.120 ng		88
65) 4,6-Dinitro-2-methylphenol	14.12	198	32	6.287 ng	#	1
77) Benzidine	17.56	184	30156	2.472 ng	#	96

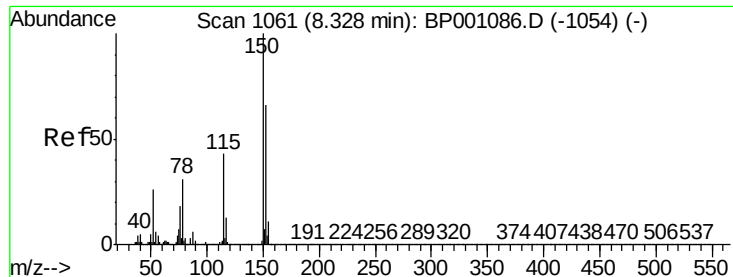
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Instrument :

BNA_P

ClientSampleId :

AU-06-112219

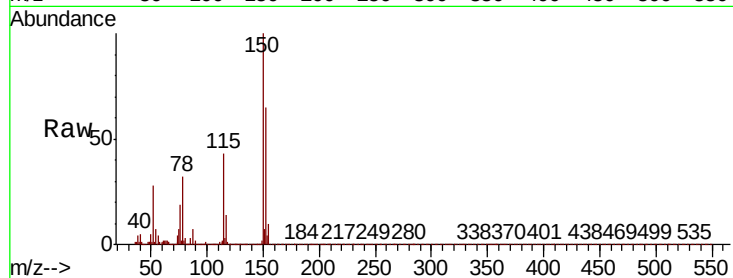
Tot Ion:152 Resp: 145233

Ion Ratio Lower Upper

152 100

150 155.0 120.6 181.0

115 67.0 51.6 77.4

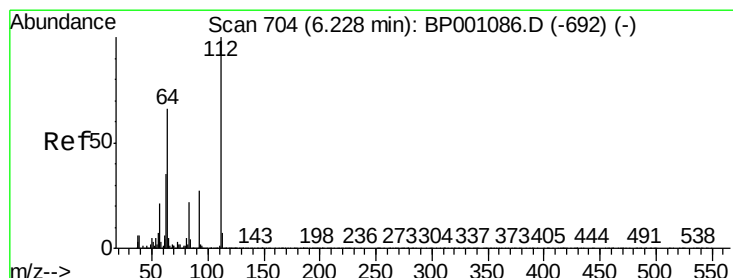
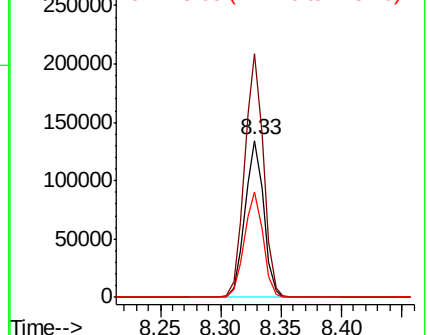
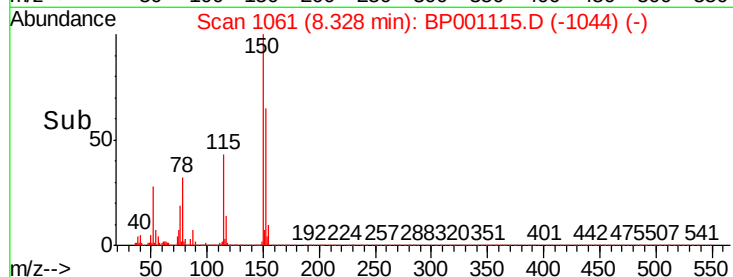


Abundance

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: 136.334 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.02 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

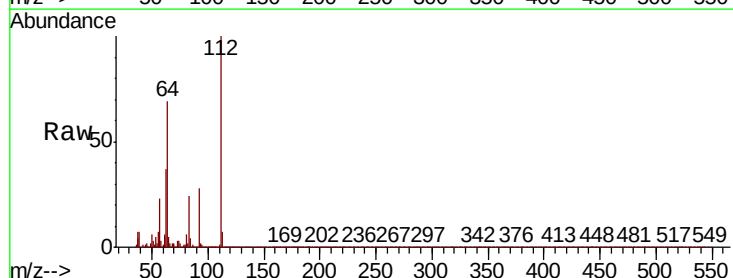
Tgt Ion:112 Resp: 1193447

Ion Ratio Lower Upper

112 100

64 69.5 52.8 79.2

63 37.5 28.2 42.2

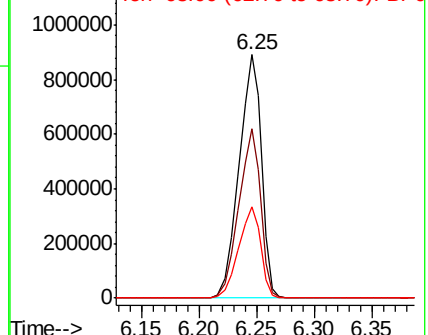
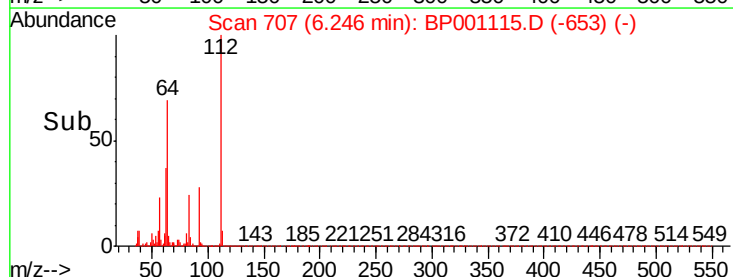


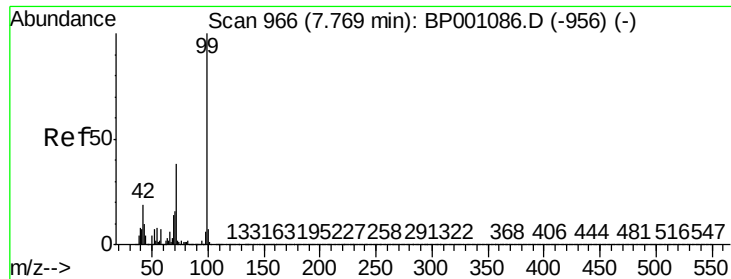
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 138.012 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Instrument :

BNA_P

ClientSampleId :

AU-06-112219

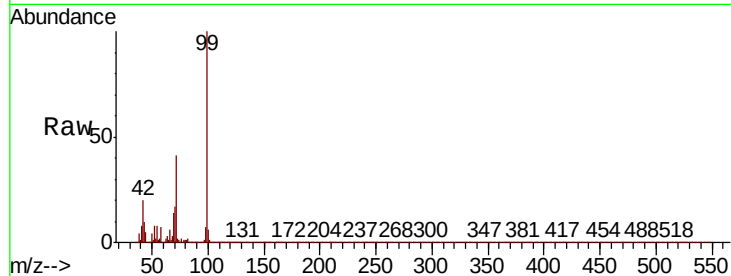
Tot Ion: 99 Resp: 1609530

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.0

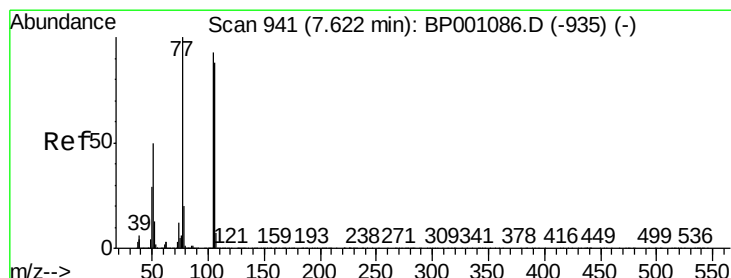
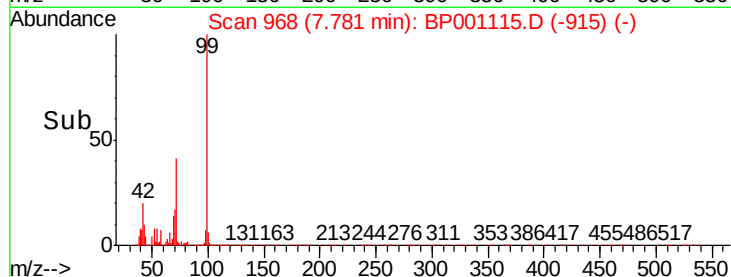
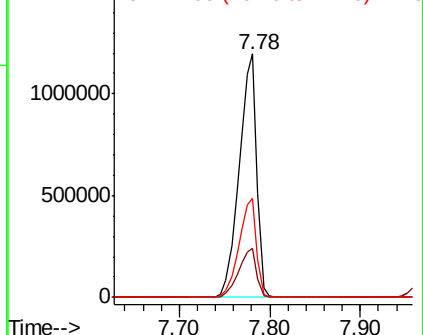
71 40.7 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

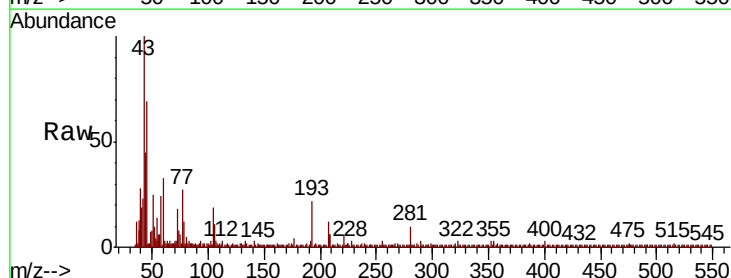
Tgt Ion: 77 Resp: 410

Ion Ratio Lower Upper

77 100

105 70.1 72.5 112.5#

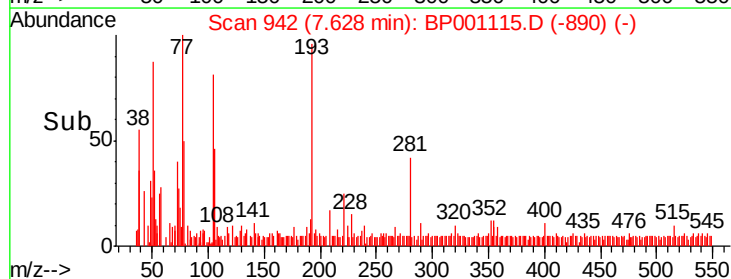
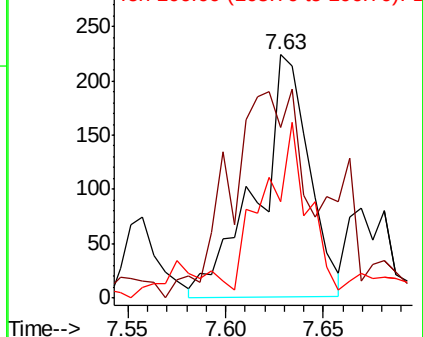
106 39.7 67.6 107.6#

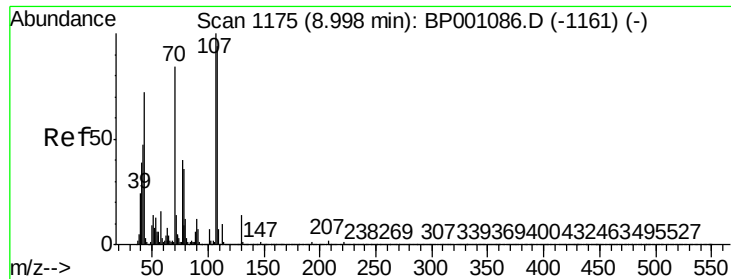


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

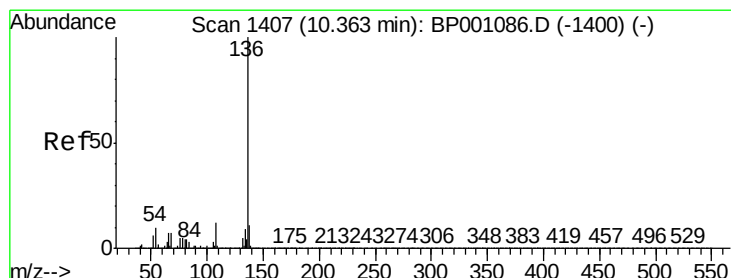
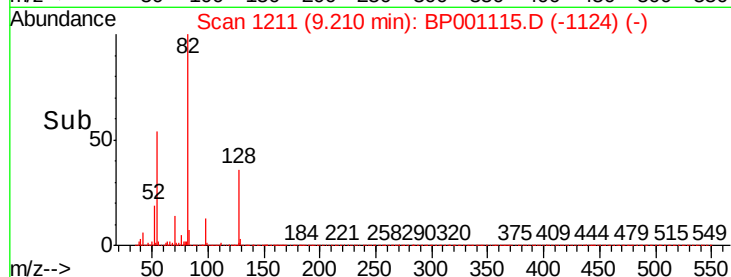
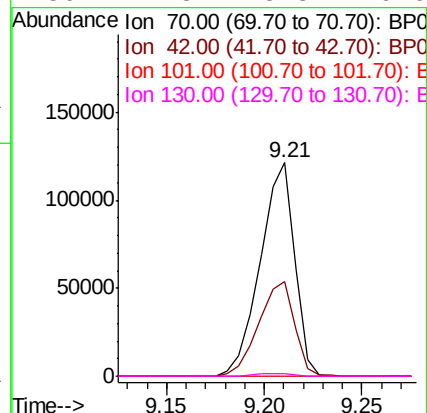
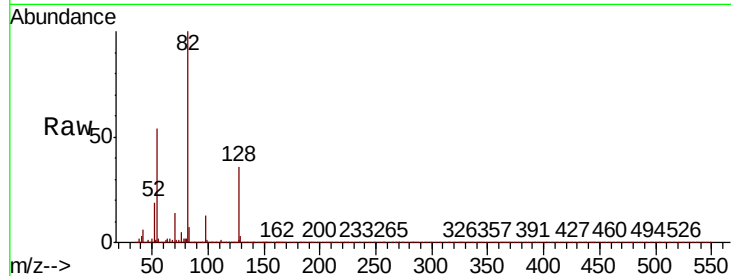




#19
n-Nitroso-di-n-propylamine
Concen: 17.587 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

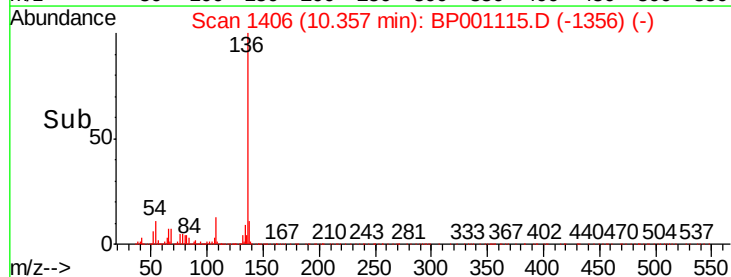
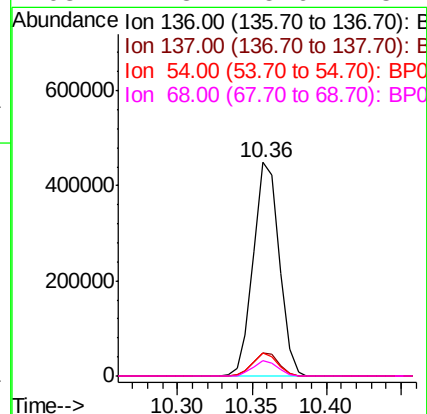
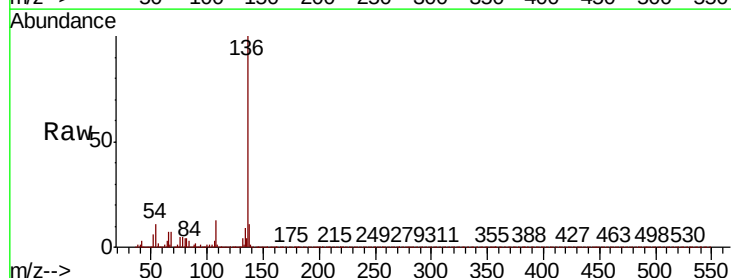
Instrument :
BNA_P
ClientSampleId :
AU-06-112219

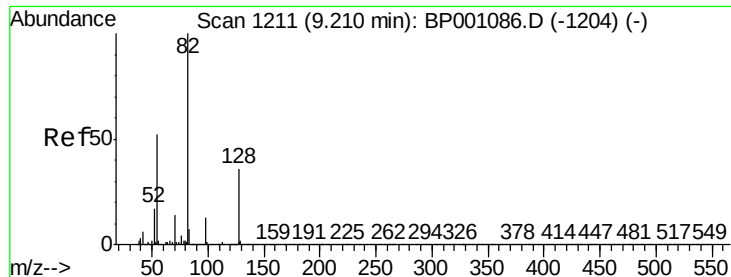
Tot Ion:	70	Resp:	147998
Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.6	66.8#
101	0.0	7.1	10.7#
130	1.3	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:	136	Resp:	536611
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.5	7.9	11.9
68	7.3	5.6	8.4

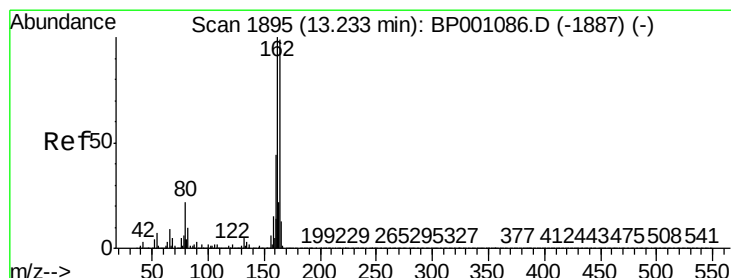
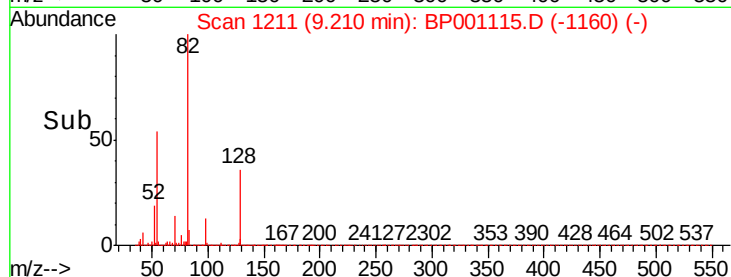
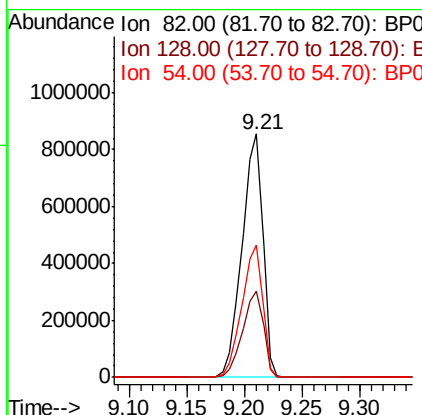
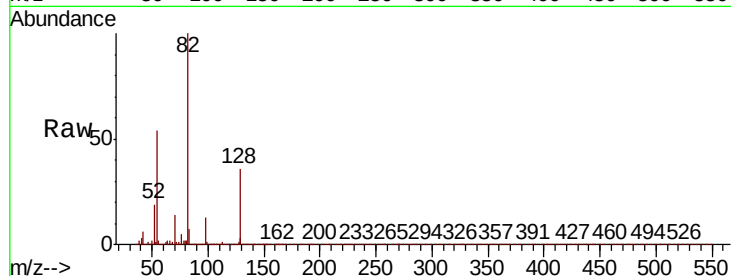




#23
Nitrobenzene-d5
Concen: 86.406 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

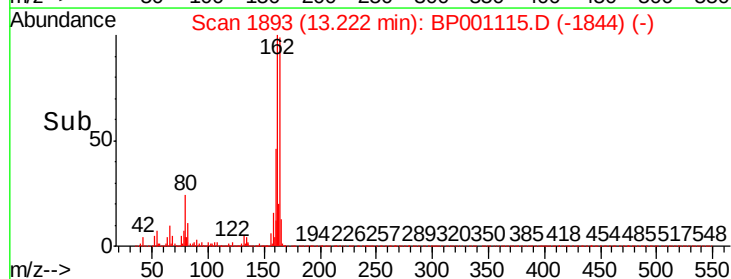
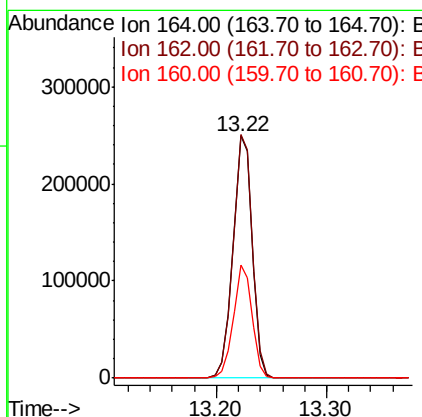
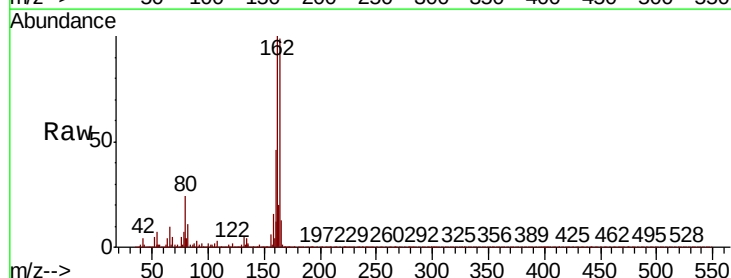
Instrument :
BNA_P
ClientSampleId :
AU-06-112219

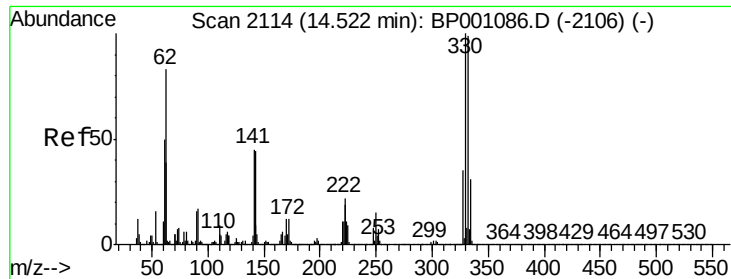
Tot Ion: 82 Resp: 1068699
Ion Ratio Lower Upper
82 100
128 35.5 28.9 43.3
54 54.1 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion: 164 Resp: 305812
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 46.6 35.4 53.2

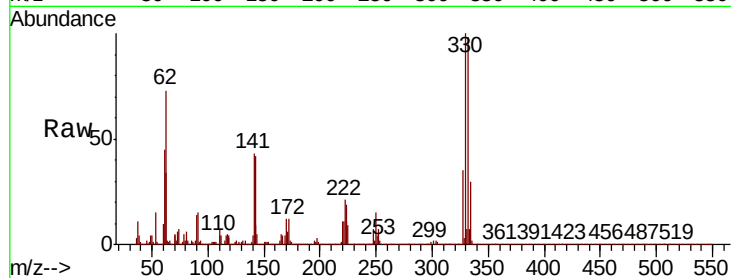




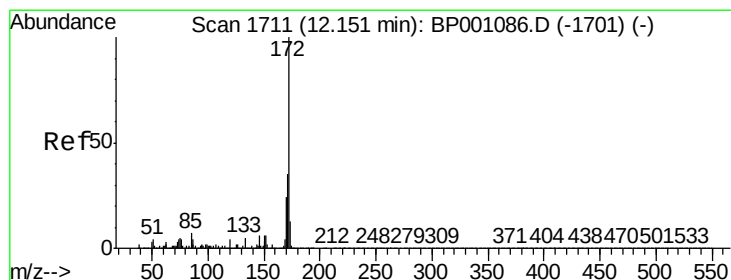
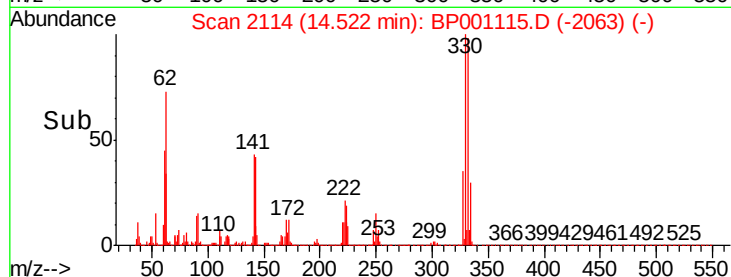
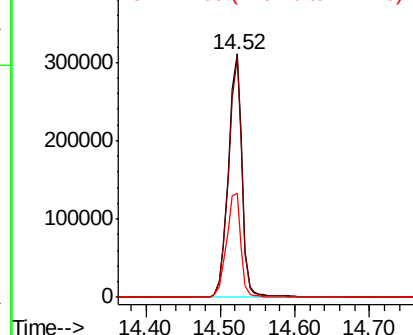
#42
2,4,6-Tribromophenol
Concen: 137.470 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tot Ion:330 Resp: 402954
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 44.0 34.2 51.2

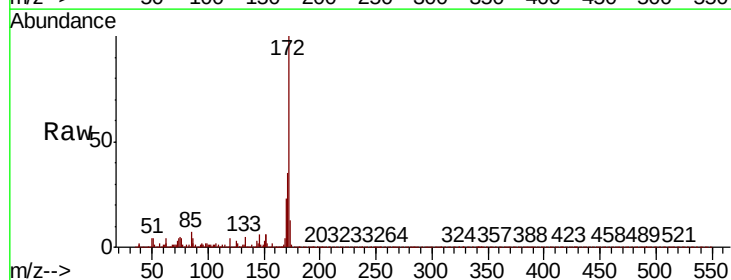


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

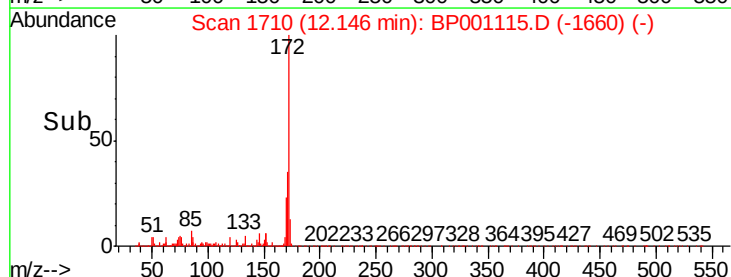
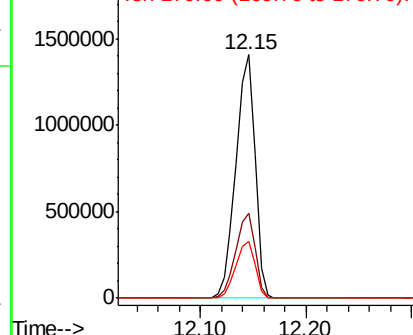


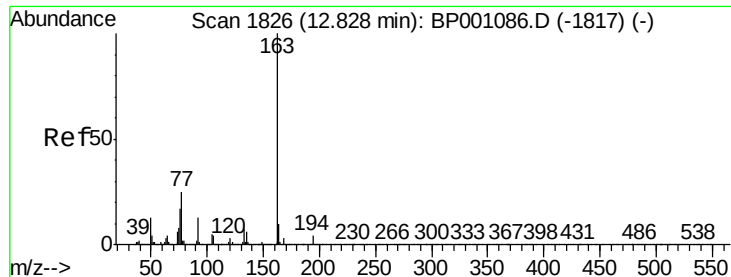
#45
2-Fluorobiphenyl
Concen: 84.203 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:172 Resp: 1759419
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.4 19.0 28.4



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: 3.663 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Instrument :

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ClientSampleId :

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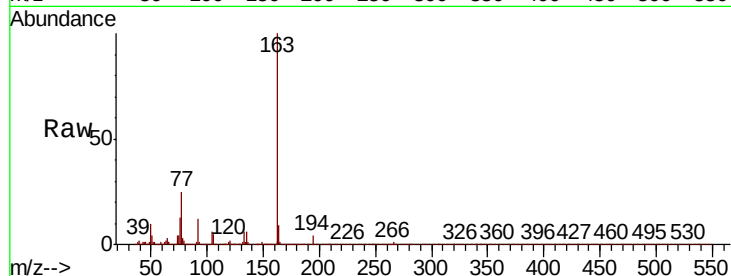
Tot Ion:163 Resp: 83770

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

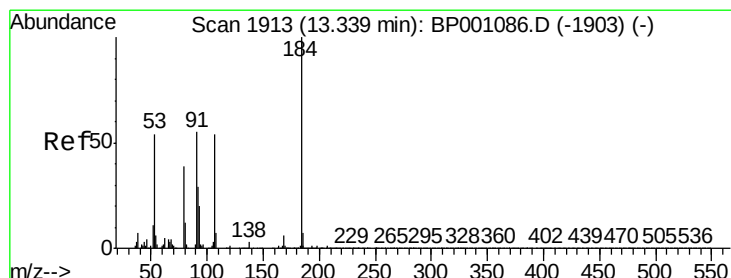
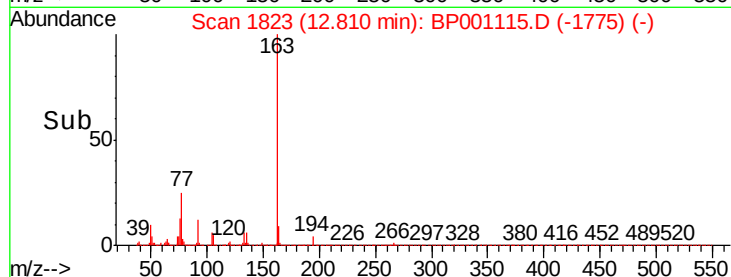
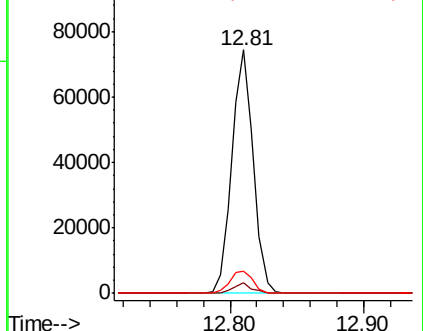
164 9.3 8.1 12.1



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



#54

2,4-Dinitrophenol

Concen: 7.120 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

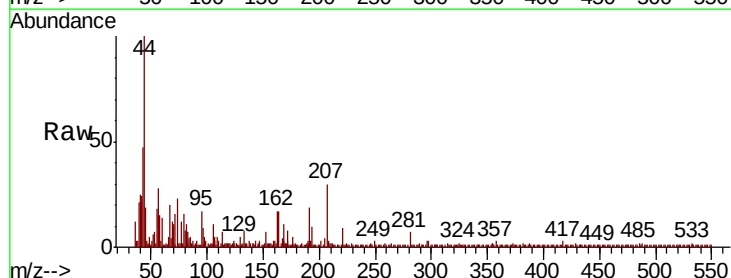
Tgt Ion:184 Resp: 24

Ion Ratio Lower Upper

184 100

63 60.9 60.7 91.1

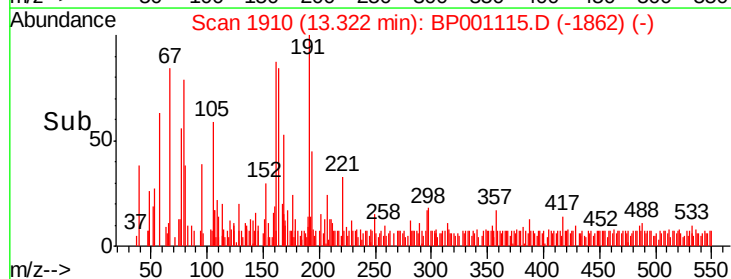
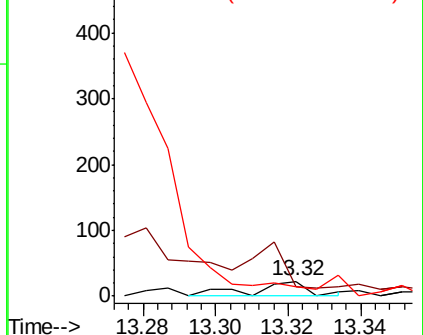
154 65.2 56.2 84.2

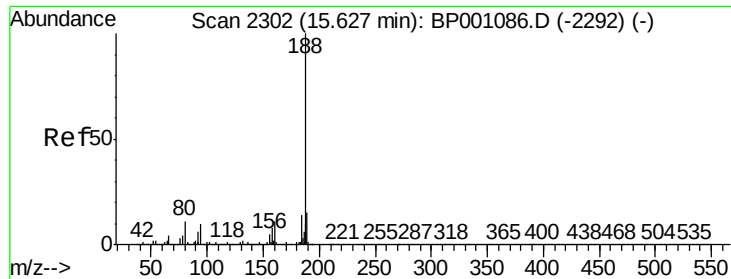


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001115.D

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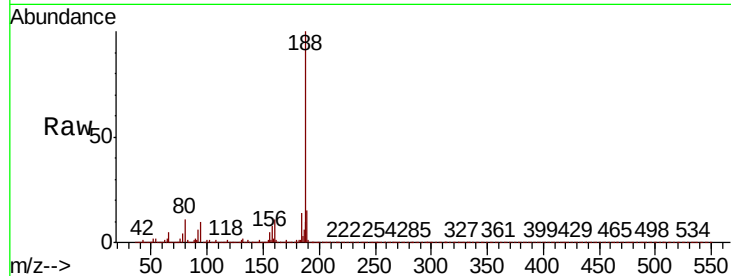
Tot Ion:188 Resp: 590335

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

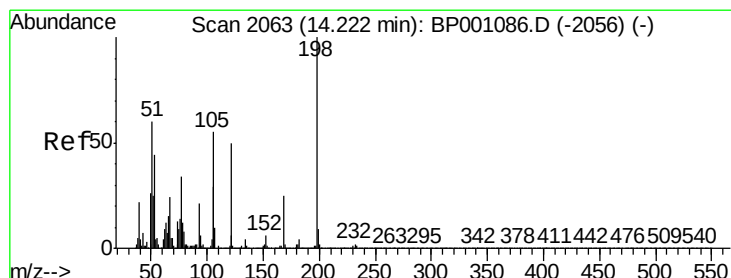
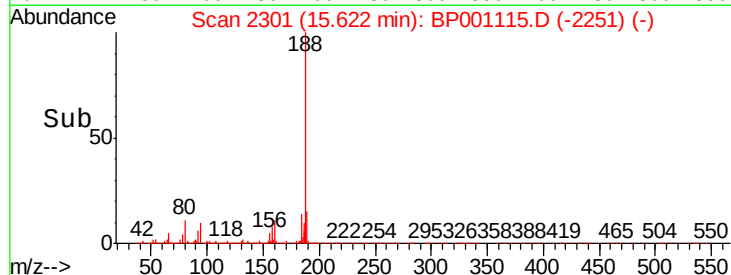
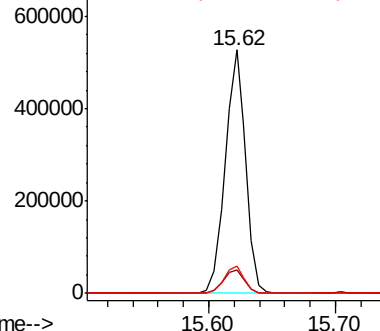
80 11.2 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.287 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.10 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

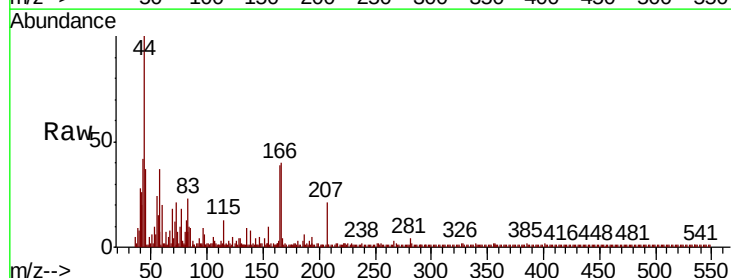
Tgt Ion:198 Resp: 32

Ion Ratio Lower Upper

198 100

51 290.5 40.5 80.5#

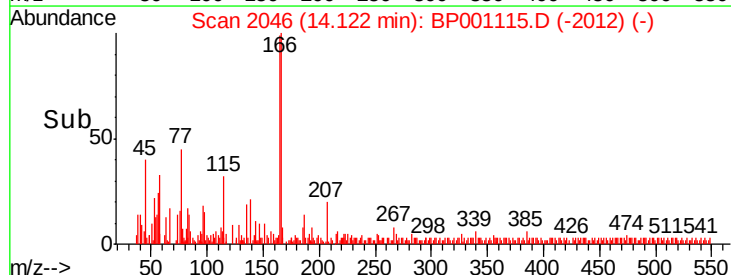
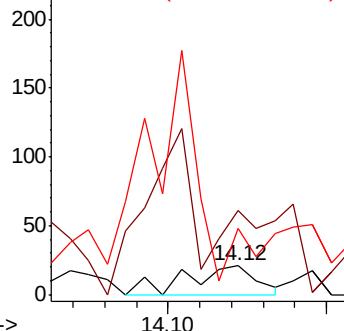
105 228.6 35.7 75.7#

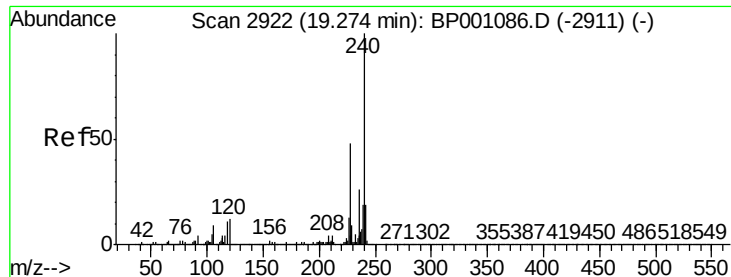


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Instrument :

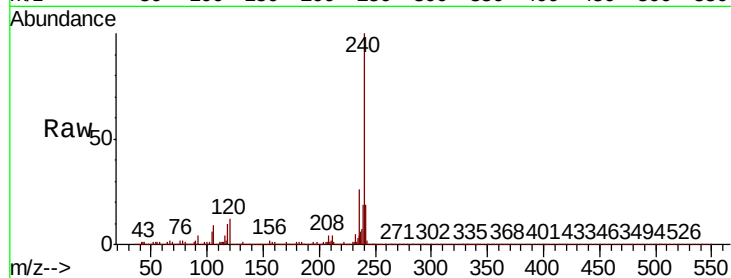
BNA_P

ClientSampleId :

AU-06-112219

Tot Ion:240 Resp: 472519

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.5	20.4	30.6

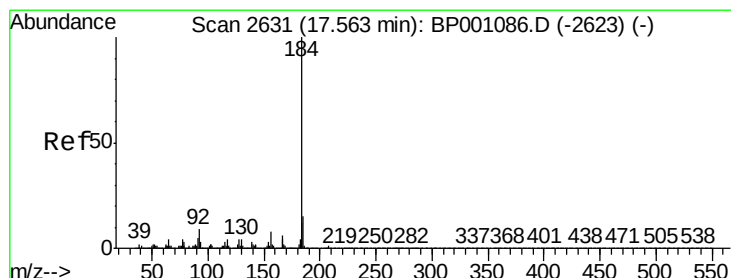
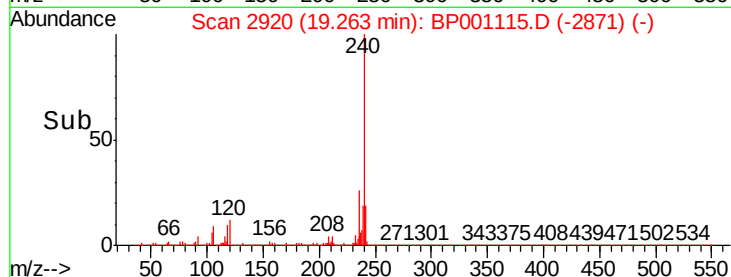
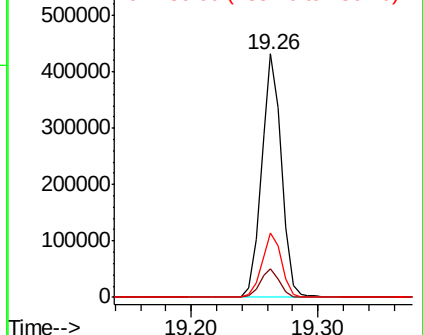


Abundance

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



#77

Benzidine

Concen: 2.472 ng

RT: 17.56 min Scan# 2630

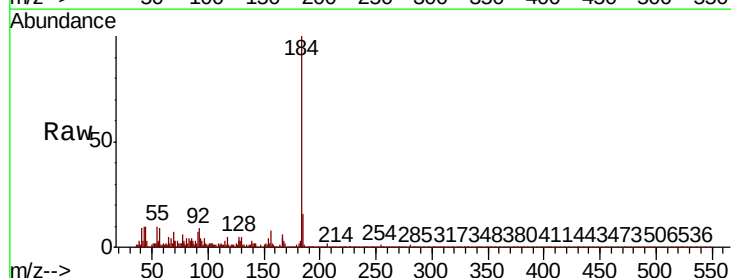
Delta R.T. -0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Tgt Ion:184 Resp: 30156

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	14.9	9.3	13.9#

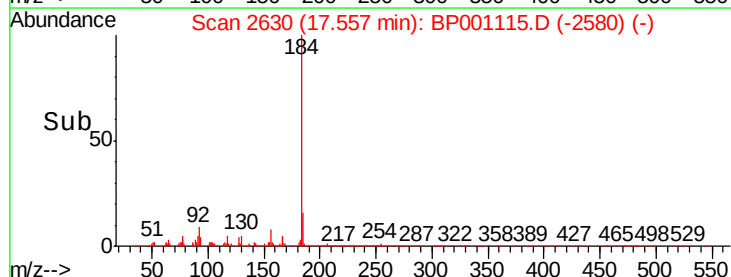
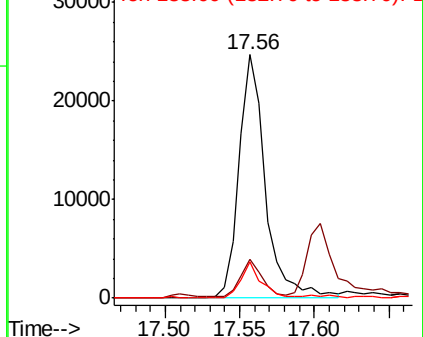


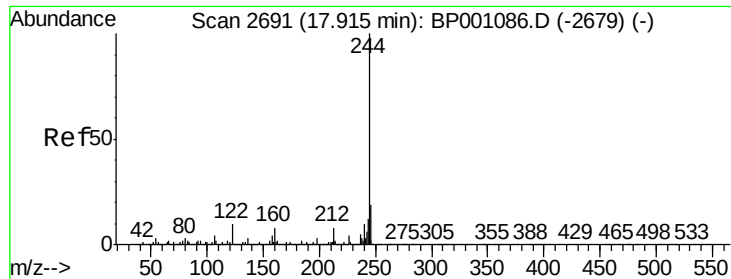
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 87.716 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Instrument :

BNA_P

ClientSampleId :

AU-06-112219

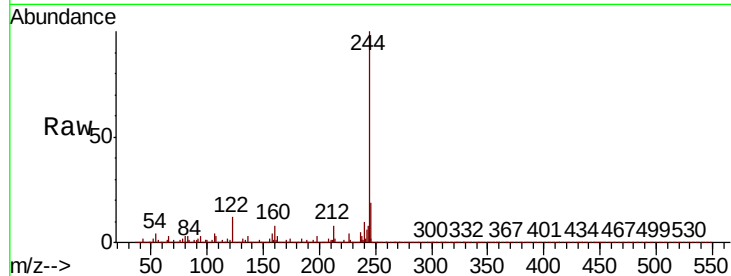
Tot Ion:244 Resp: 2240283

Ion Ratio Lower Upper

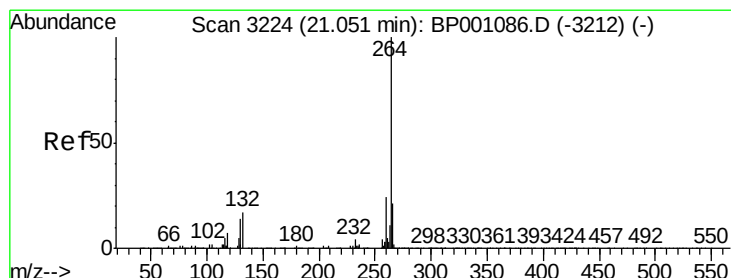
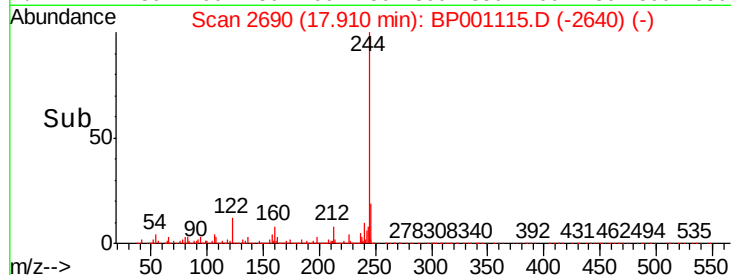
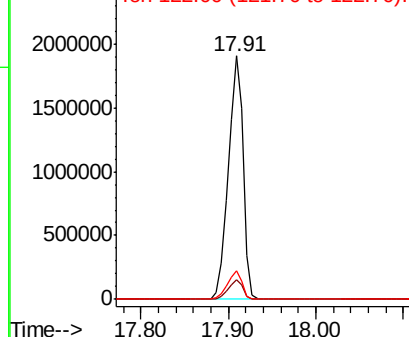
244 100

212 8.2 6.2 9.2

122 11.6 8.2 12.2



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: 21.04 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

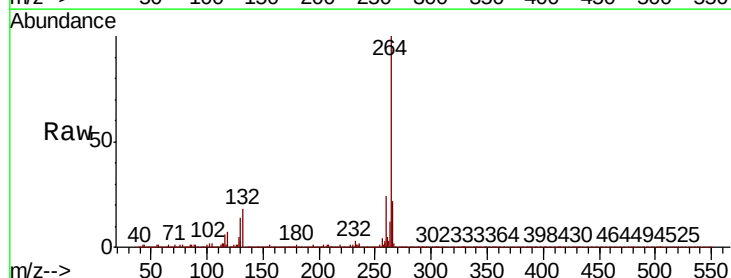
Tgt Ion:264 Resp: 507794

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.7 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

