

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 :

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

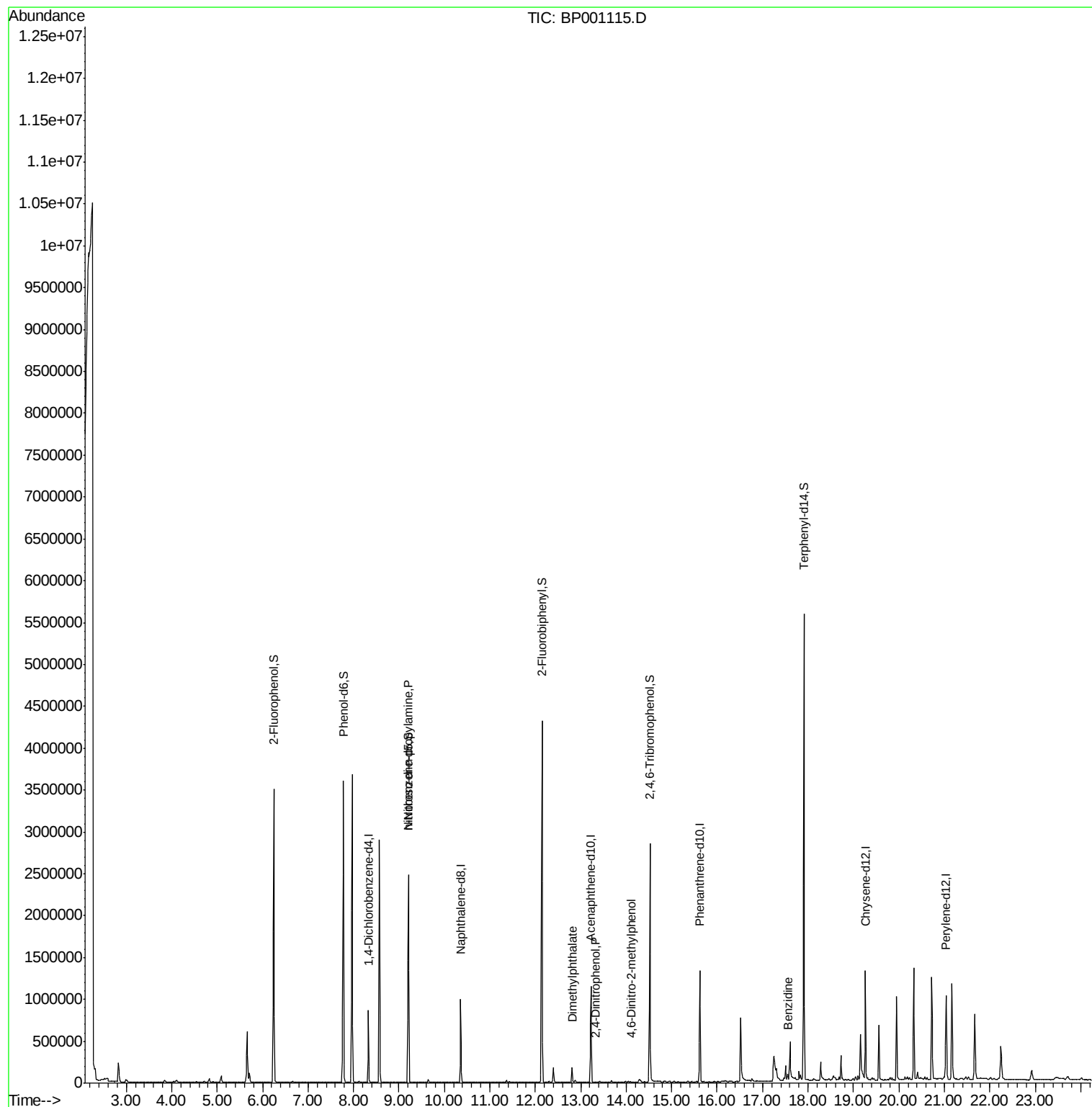
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	145233	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	536611	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	305812	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	590335	20.00	ng	0.00
76) Chrysene-d12	19.26	240	472519	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

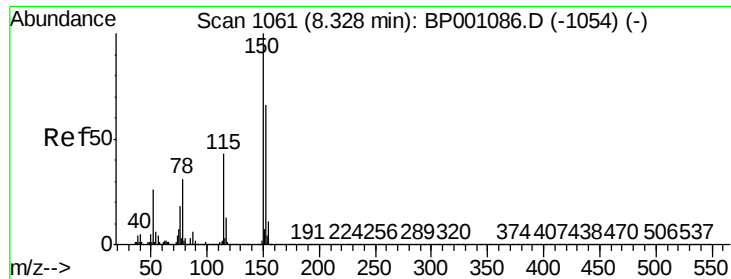
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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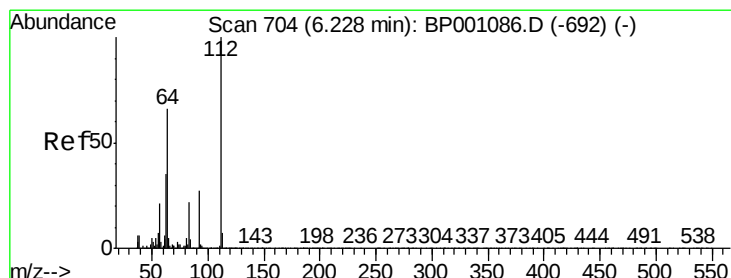
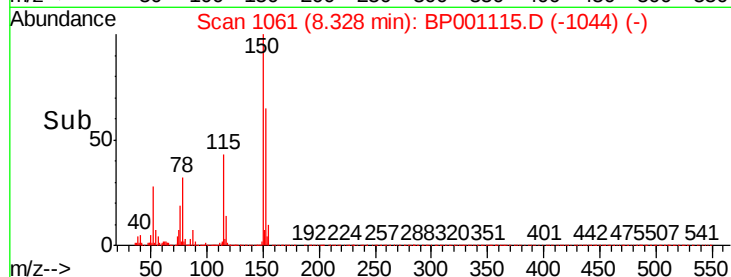
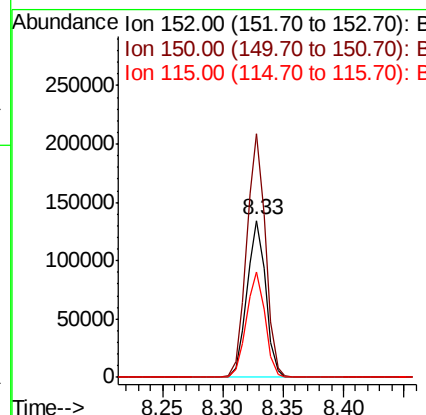
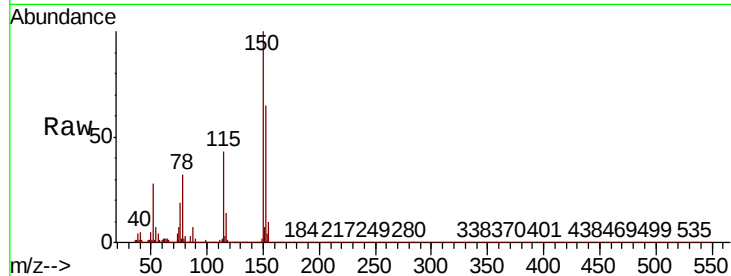




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001115.D
 Acq: 28 Nov 2019 08:47

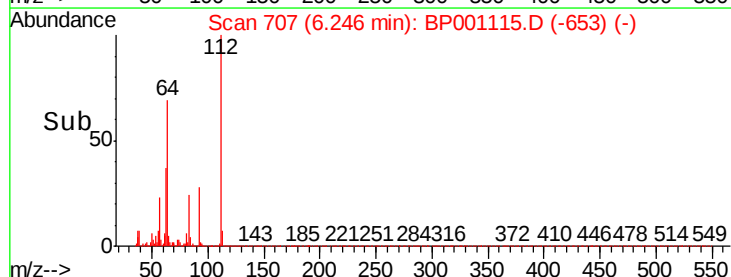
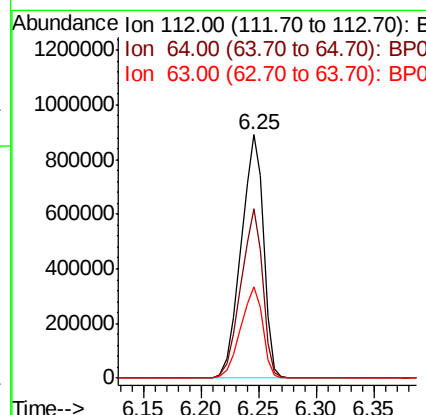
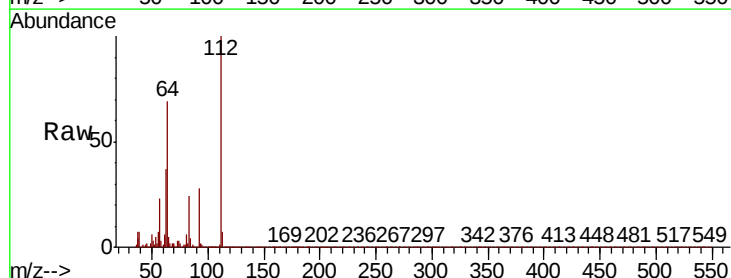
Instrument :
 BNA_P
 ClientSampled :

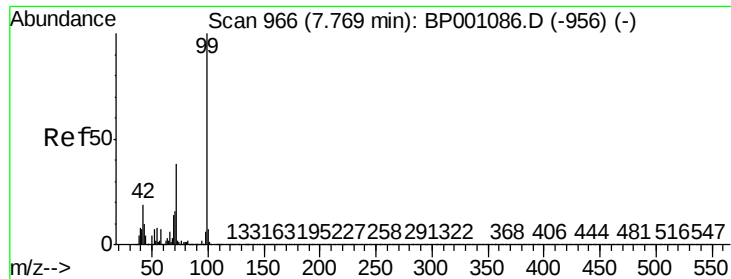
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	120.6	181.0
115	67.0	51.6	77.4



#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	Ratio	Lower	Upper
112	100		
64	69.5	52.8	79.2
63	37.5	28.2	42.2





#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 :

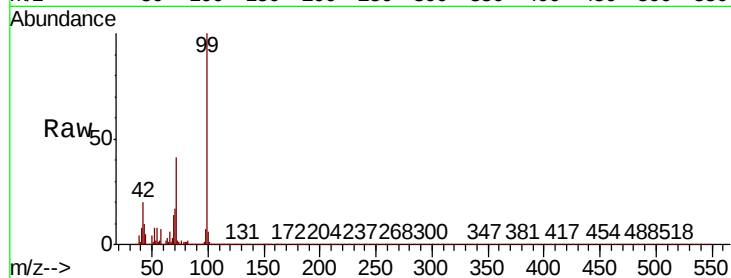
Tot Ion: 99 Resp: 1609530

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.0

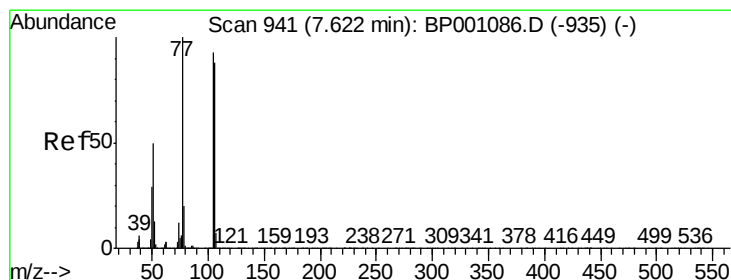
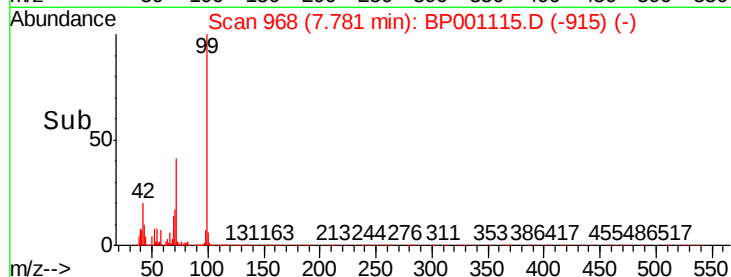
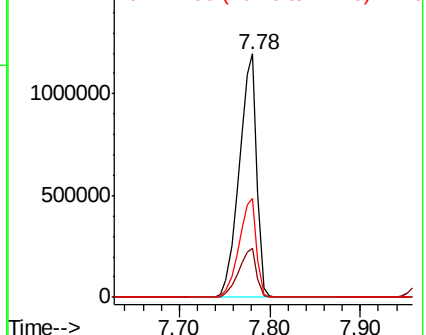
71 40.7 30.8 46.2



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

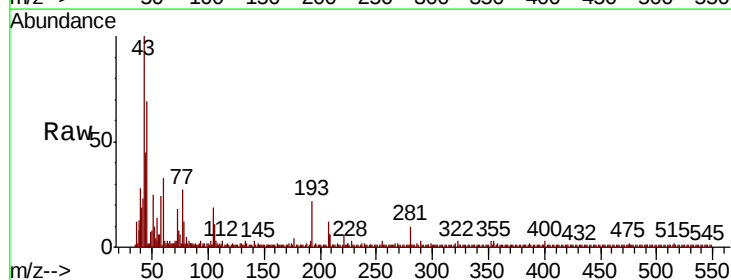
Tgt Ion: 77 Resp: 410

Ion Ratio Lower Upper

77 100

105 70.1 72.5 112.5#

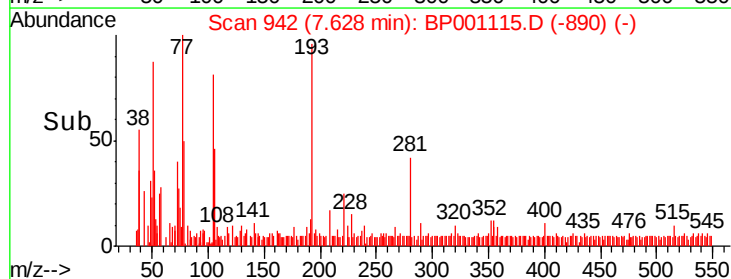
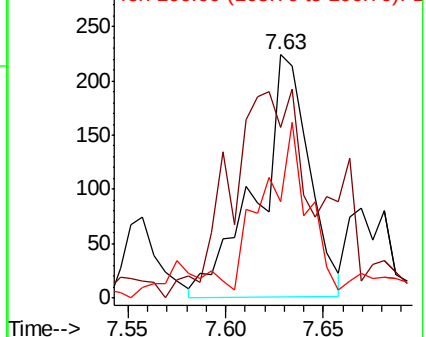
106 39.7 67.6 107.6#

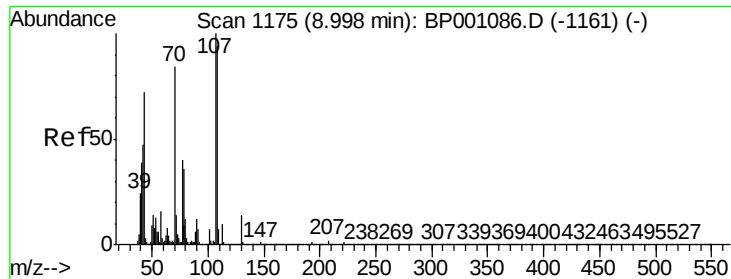


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

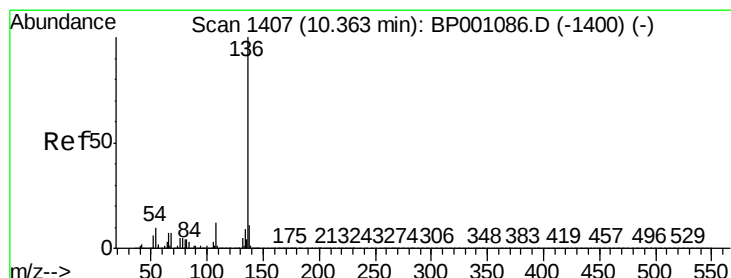
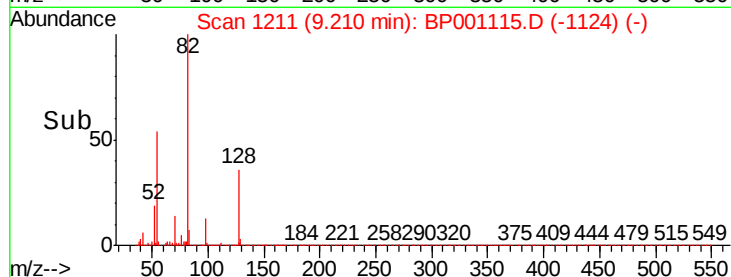
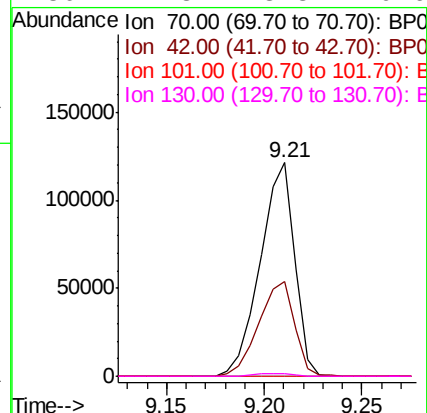
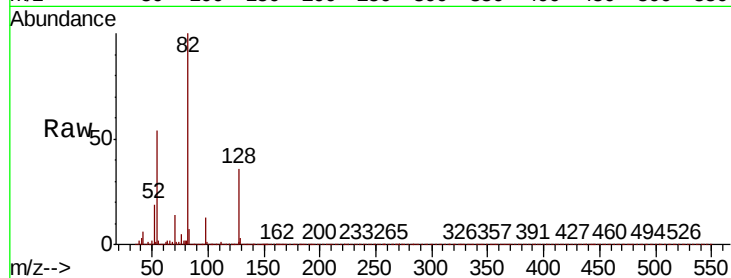




#19
n-Nitroso-di-n-propylamine
Concen: 17.587 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

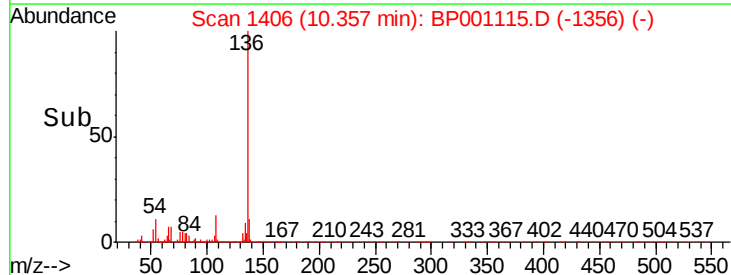
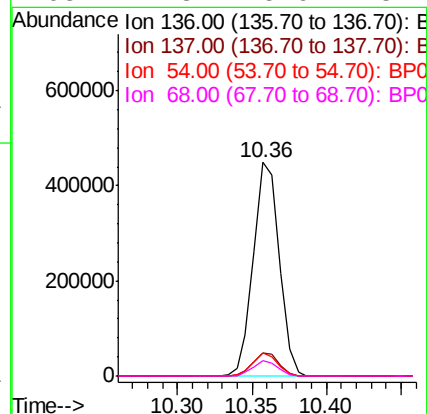
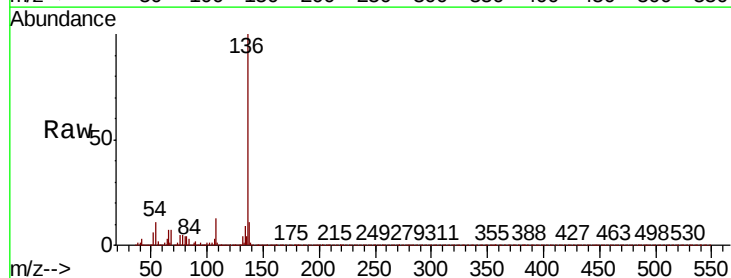
Instrument :
BNA_P
ClientSampleId :

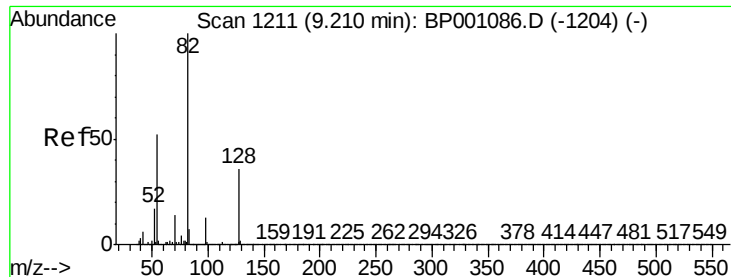
Tot Ion: 70 Resp: 147998
Ion Ratio Lower Upper
70 100
42 44.4 44.6 66.8#
101 0.0 7.1 10.7#
130 1.3 13.8 20.6#



#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

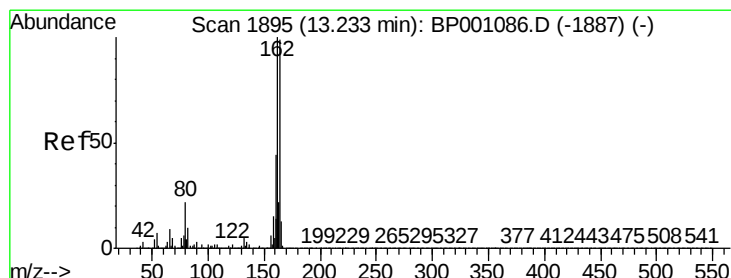
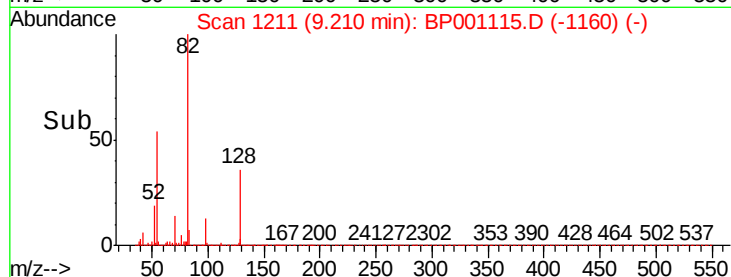
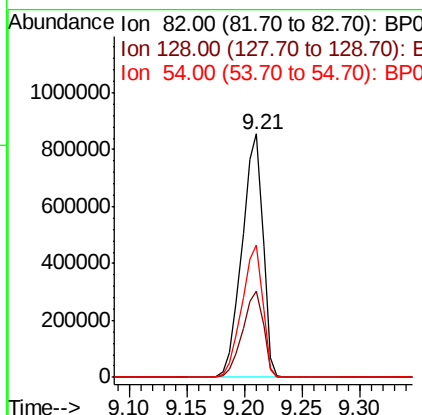
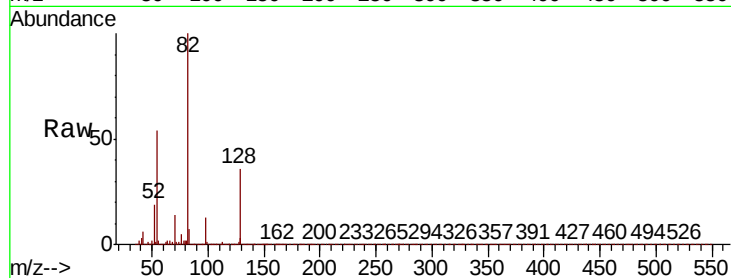




#23
Nitrobenzene-d5
Concen: 86.406 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

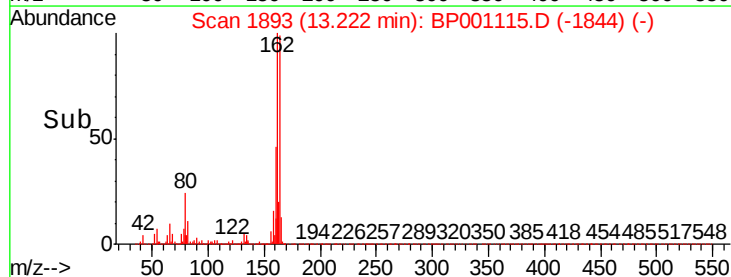
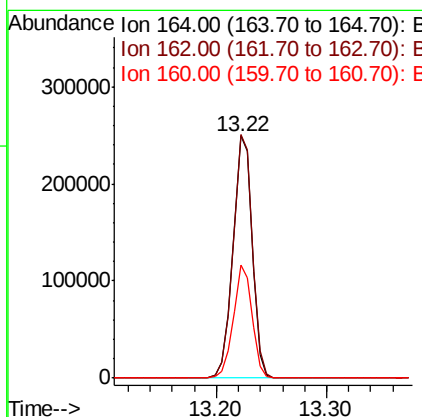
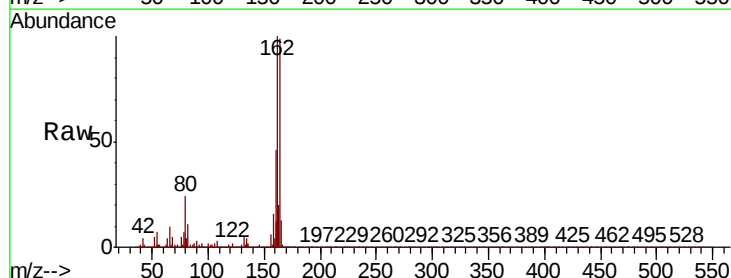
Instrument :
BNA_P
ClientSampleId :

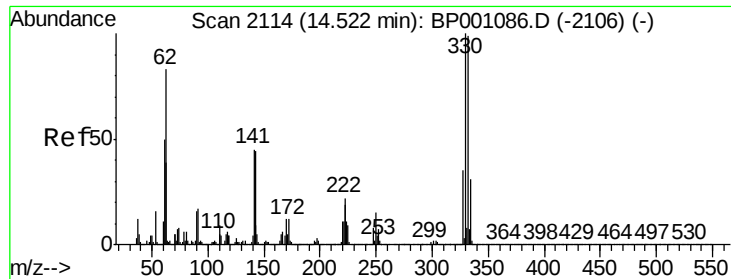
Tot Ion: 82 Resp: 1068699
Ion Ratio Lower Upper
82 100
128 35.5 28.9 43.3
54 54.1 41.9 62.9



#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

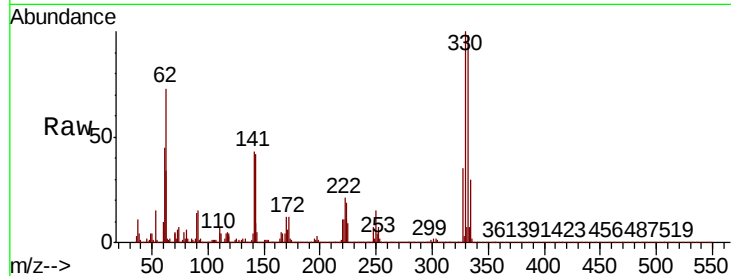




#42
2,4,6-Tribromophenol
Concen: 137.470 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :

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

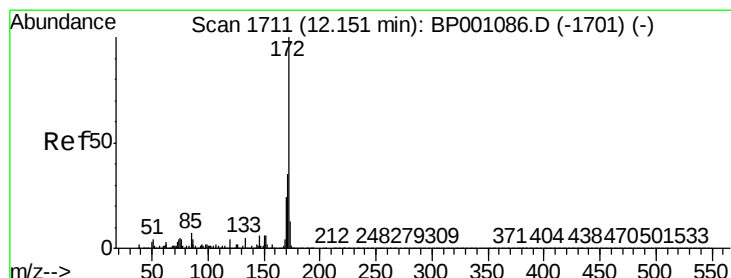
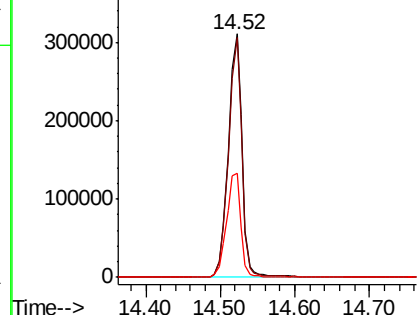
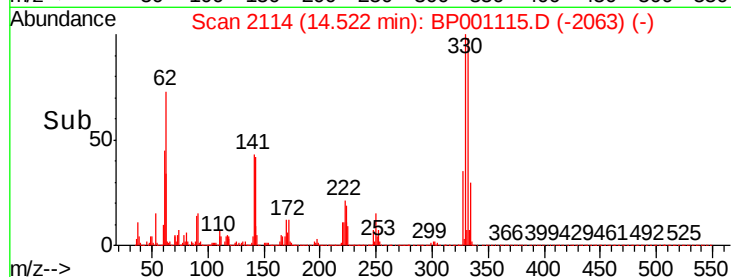


Abundance

Ion 329.80 (329.50 to 330.50): E

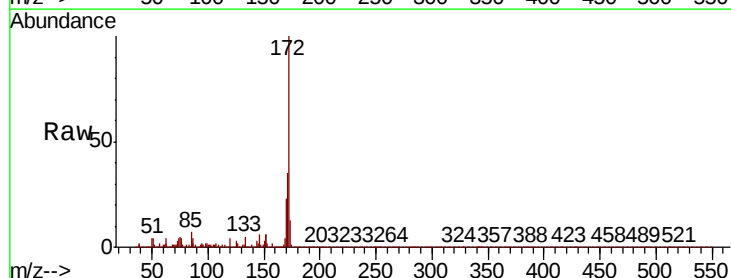
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.4	19.0	28.4

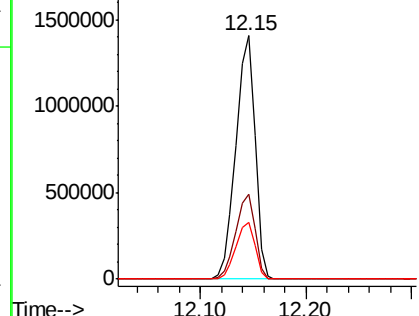
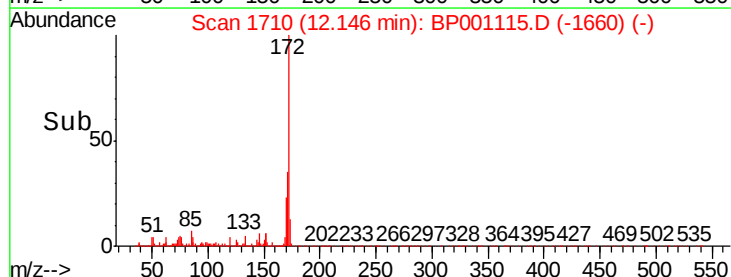


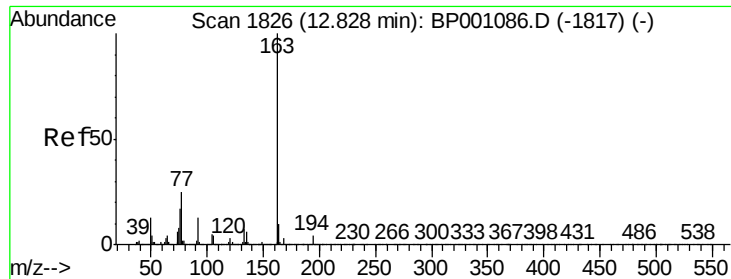
Abundance

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 :

BNA_P

ClientSampleId :

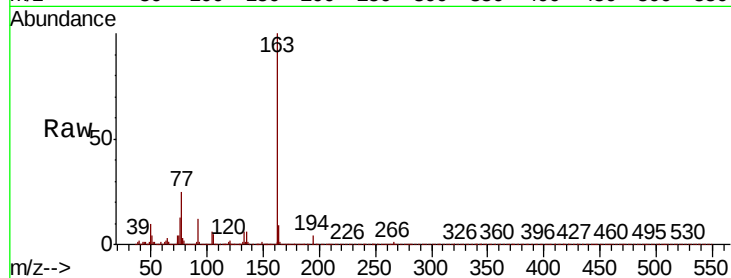
Tot Ion:163 Resp: 83770

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

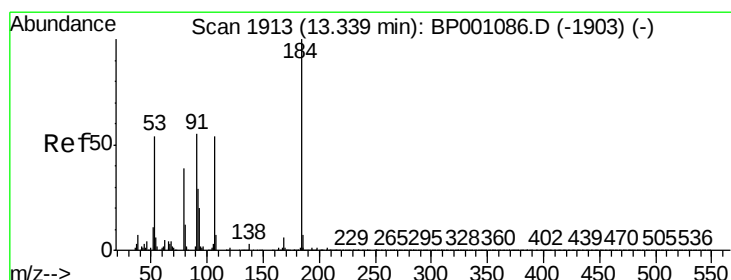
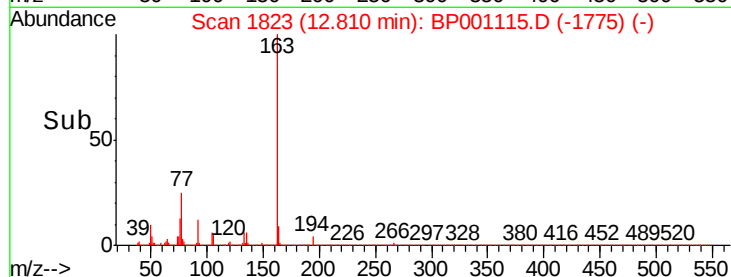
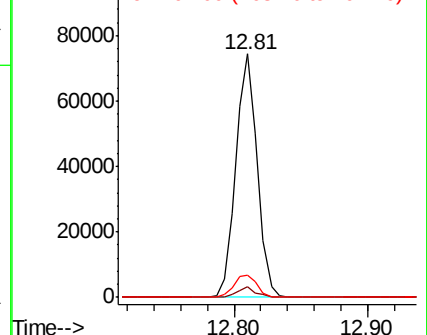
164 9.3 8.1 12.1



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

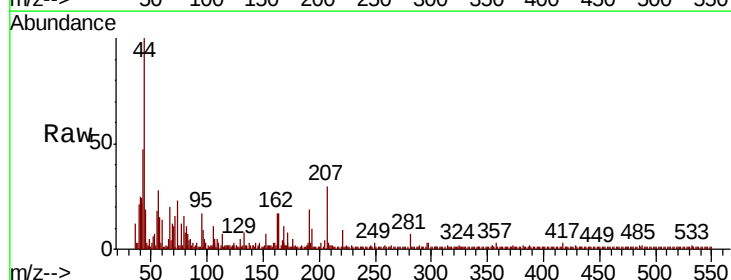
Tgt Ion:184 Resp: 24

Ion Ratio Lower Upper

184 100

63 60.9 60.7 91.1

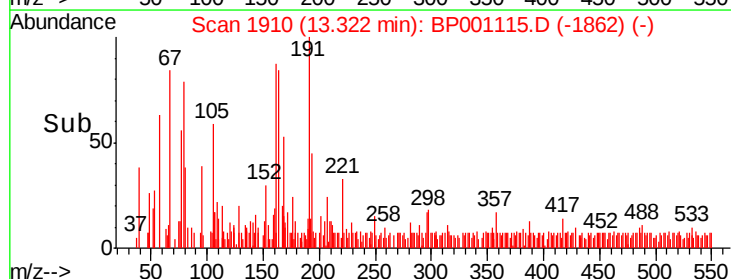
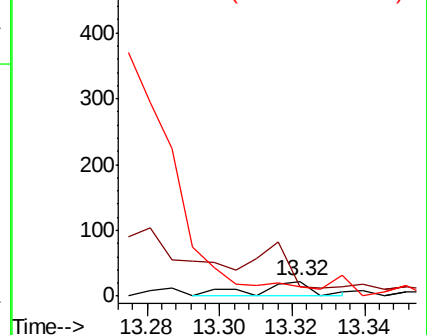
154 65.2 56.2 84.2

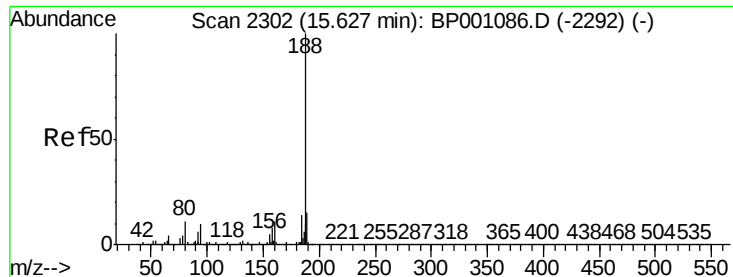


Abundance Ion 184.00 (183.70 to 184.70): E

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

Acq: 28 Nov 2019 08:47

Instrument :

BNA_P

ClientSampleId :

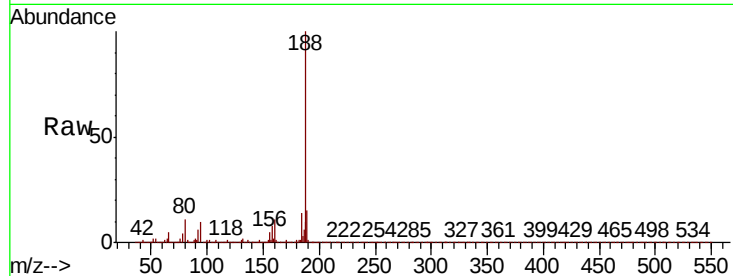
Tot Ion:188 Resp: 590335

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

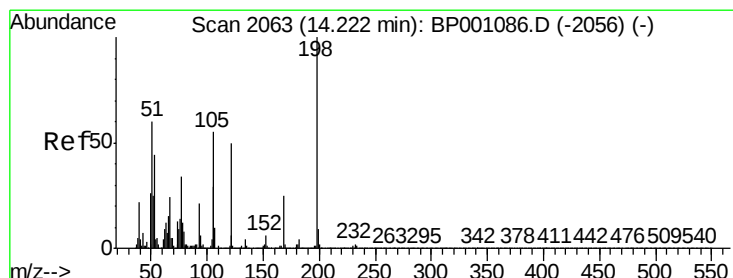
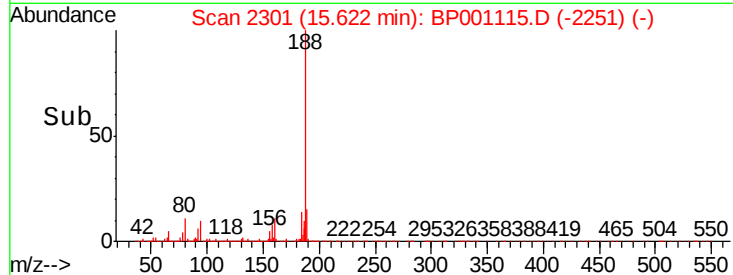
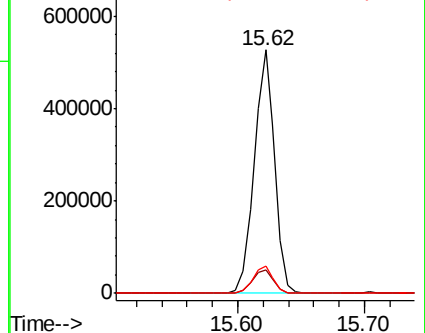
80 11.2 8.8 13.2



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

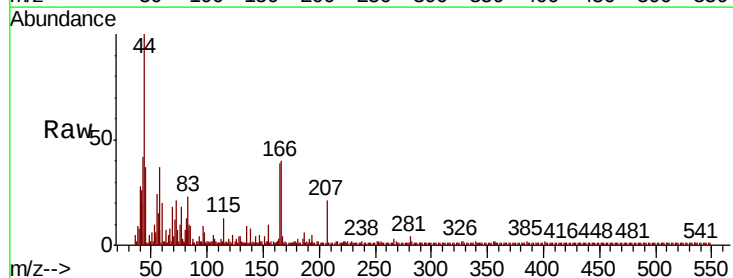
Tgt Ion:198 Resp: 32

Ion Ratio Lower Upper

198 100

51 290.5 40.5 80.5#

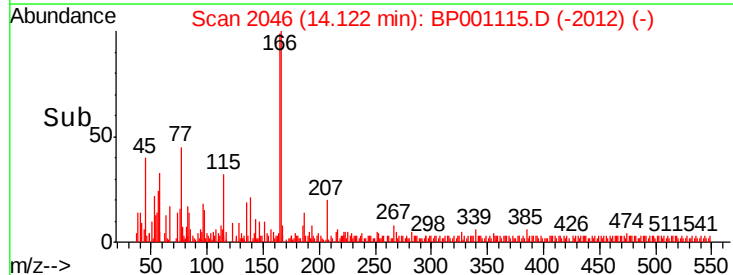
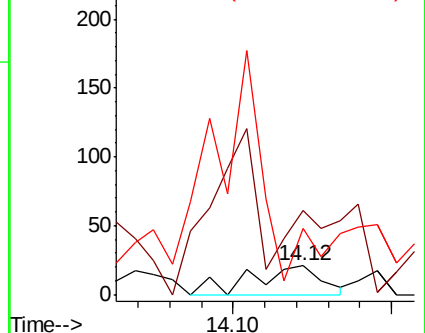
105 228.6 35.7 75.7#

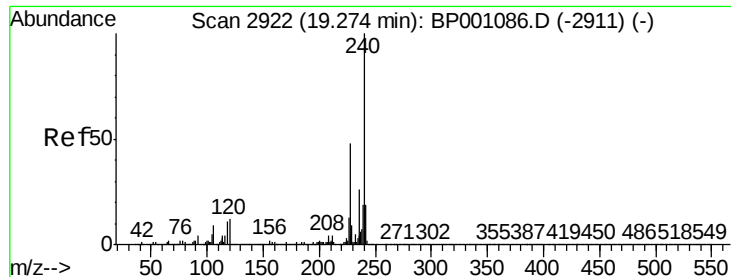


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

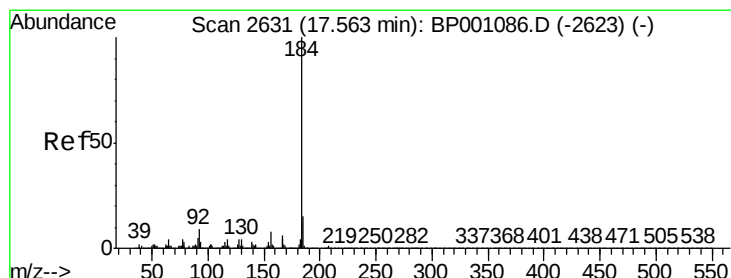
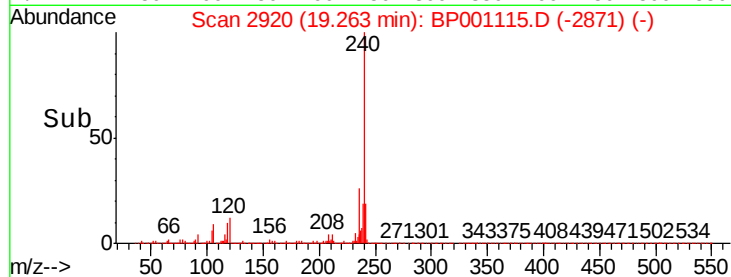
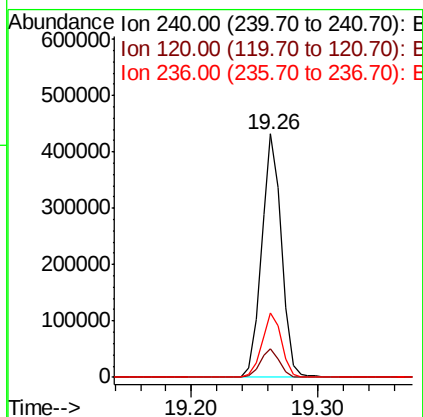
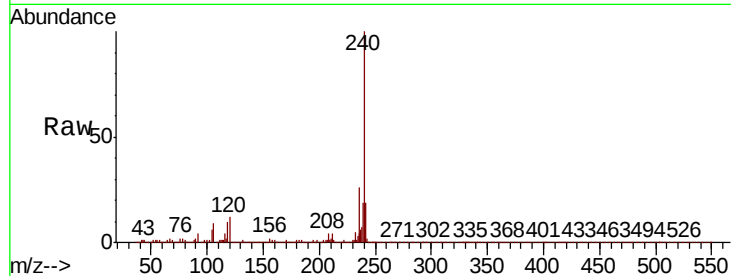




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

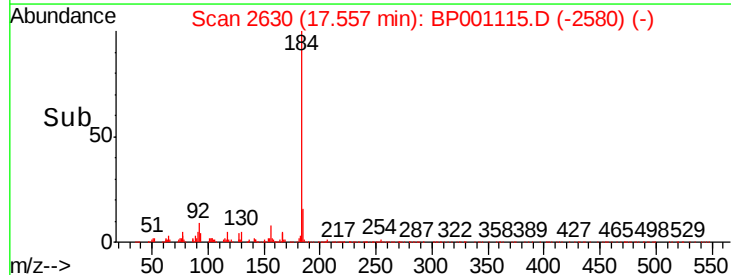
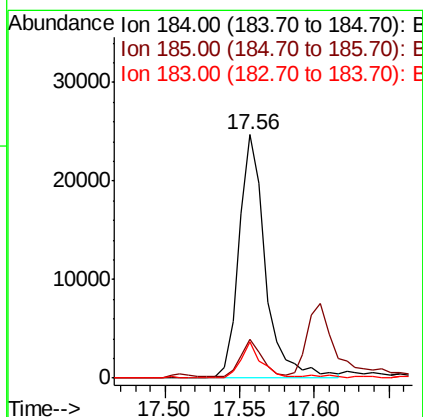
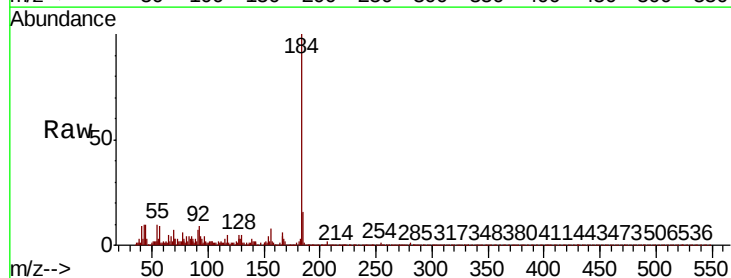
Instrument :
BNA_P
ClientSampled :

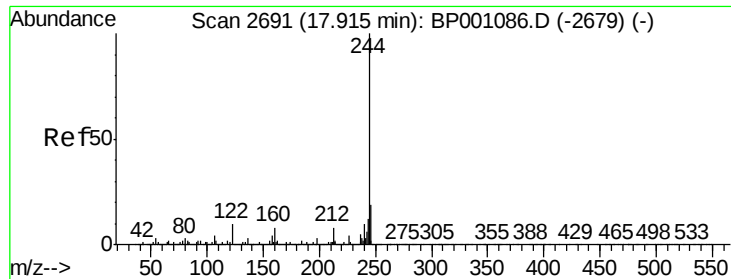
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.5	20.4	30.6



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





#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

ClientSampled :

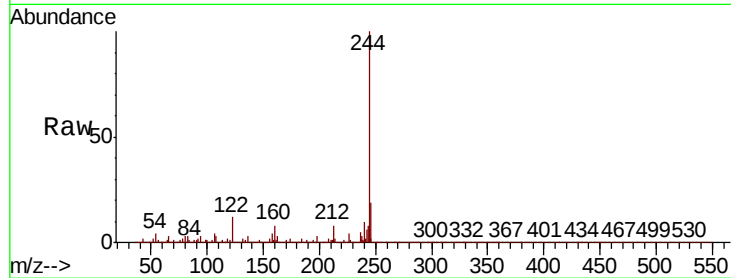
Tot Ion:244 Resp: 2240283

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

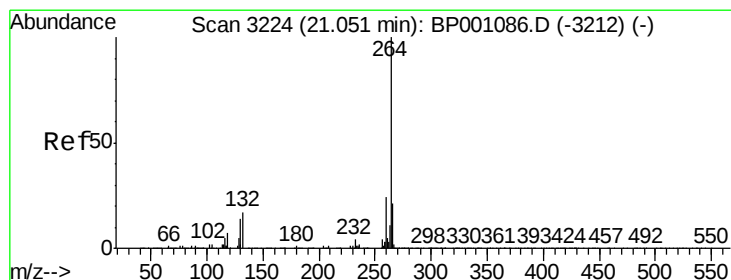
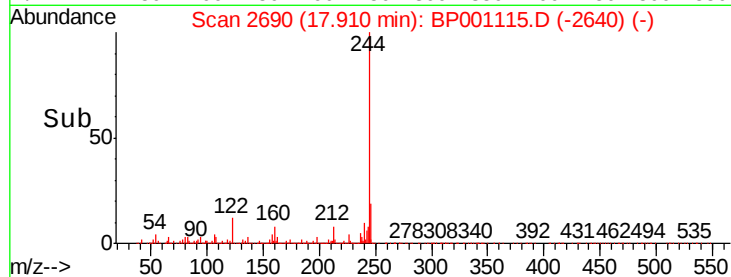
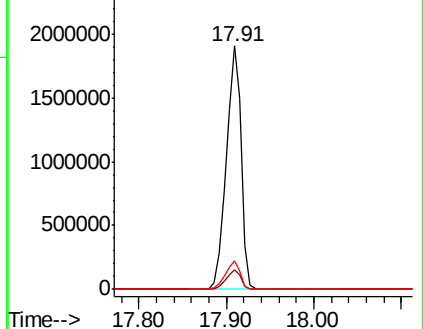
122 11.6 8.2 12.2



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

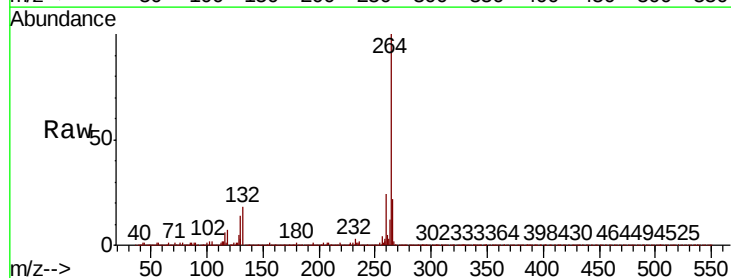
Tgt Ion:264 Resp: 507794

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

