

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001105.D
 Acq On : 28 Nov 2019 03:35
 Operator : JU
 Sample : K5959-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Nov 28 06:53:26 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

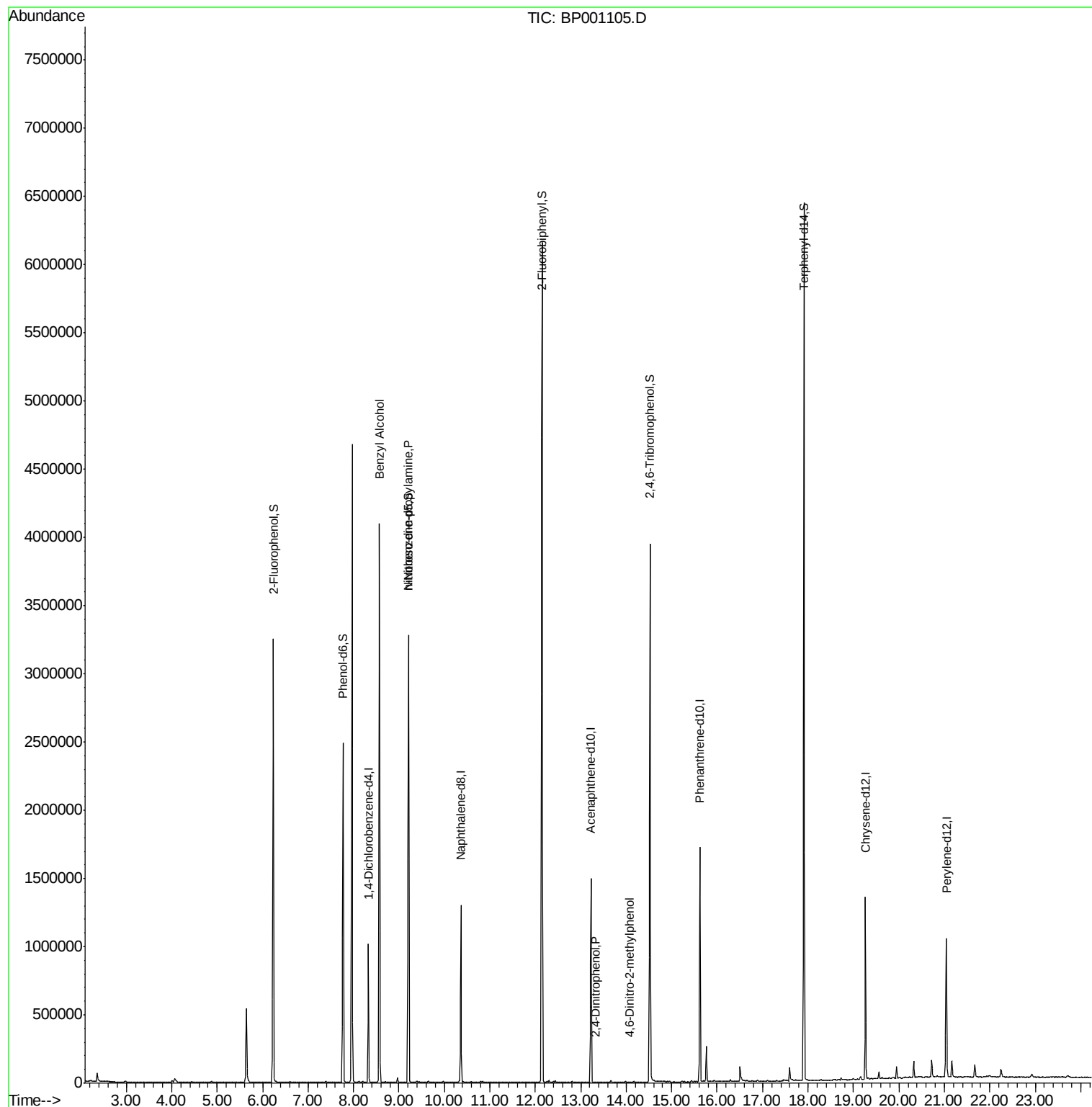
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	179756	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	694440	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	410653	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	779414	20.00	ng	0.00
76) Chrysene-d12	19.26	240	495362	20.00	ng	-0.01
87) Perylene-d12	21.05	264	515016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	1090330	100.63	ng	0.00
7) Phenol-d6	7.77	99	999249	69.23	ng	0.00
23) Nitrobenzene-d5	9.21	82	1523406	95.18	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	572490	145.45	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2594725	92.48	ng	0.00
79) Terphenyl-d14	17.91	244	2757898	103.00	ng	0.00
Target Compounds						
9) Benzaldehyde	7.63	77	801	Below Cal		Qvalue # 87
15) Benzyl Alcohol	8.57	79	26168	2.208 ng	#	52
19) n-Nitroso-di-n-propylamine	9.21	70	210283	20.189 ng	#	80
54) 2,4-Dinitrophenol	13.32	184	7	7.111 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.07	198	43	6.288 ng	#	1

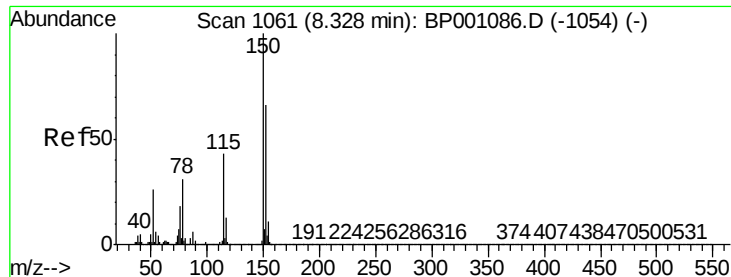
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

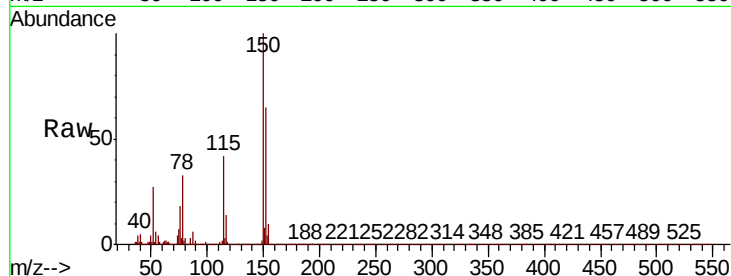
Tot Ion:152 Resp: 179756

Ion Ratio Lower Upper

152 100

150 153.3 120.6 181.0

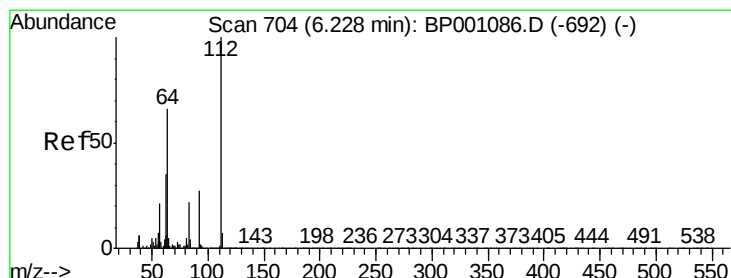
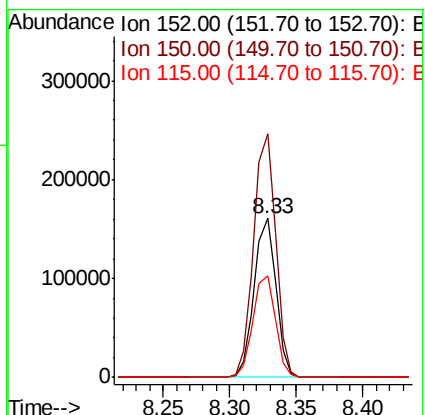
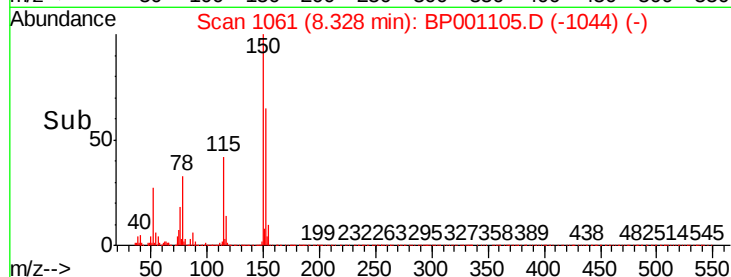
115 63.7 51.6 77.4



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: 100.633 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

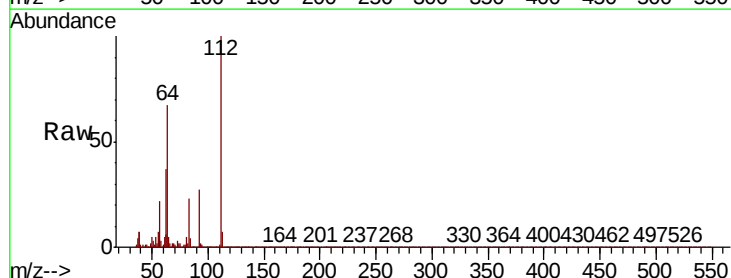
Tgt Ion:112 Resp: 1090330

Ion Ratio Lower Upper

112 100

64 67.3 52.8 79.2

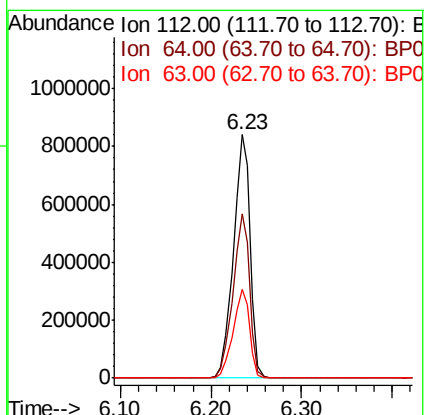
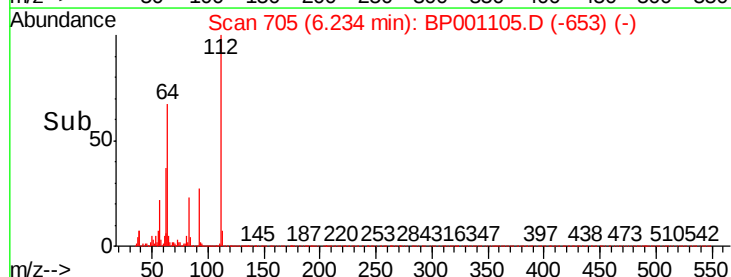
63 36.5 28.2 42.2



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: 69.227 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampled :

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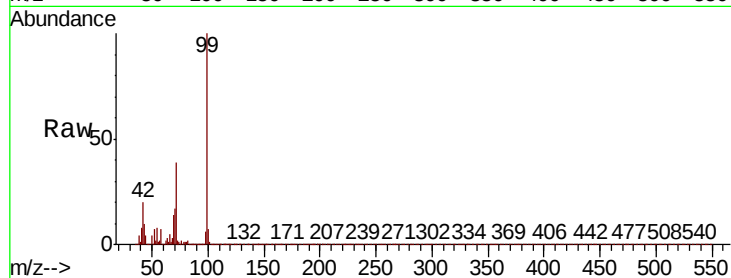
Tot Ion: 99 Resp: 999249

Ion Ratio Lower Upper

99 100

42 19.7 15.4 23.0

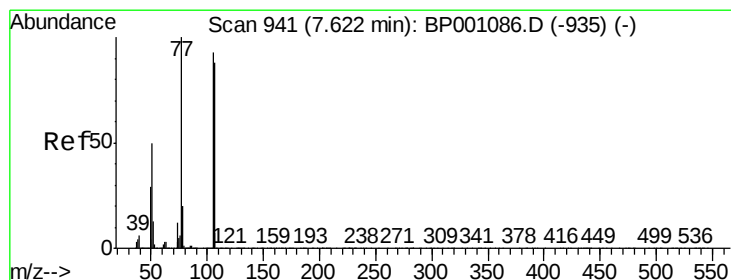
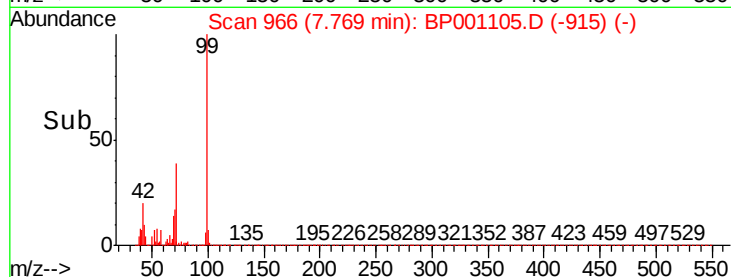
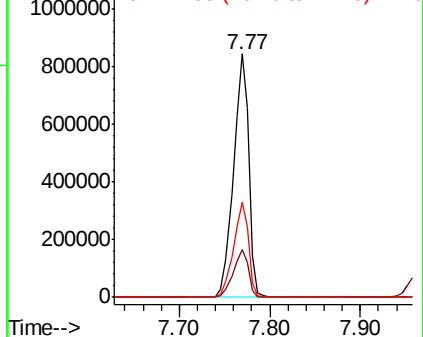
71 39.0 30.8 46.2



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: BP001105.D

Acq: 28 Nov 2019 03:35

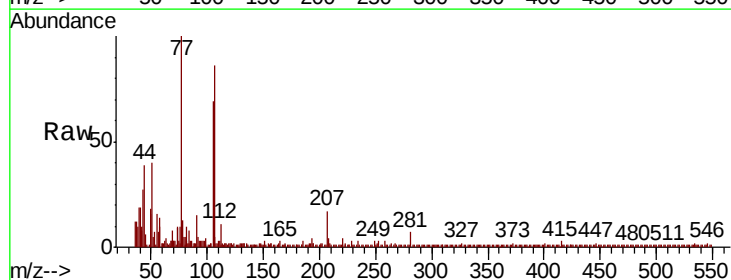
Tgt Ion: 77 Resp: 801

Ion Ratio Lower Upper

77 100

105 69.3 72.5 112.5#

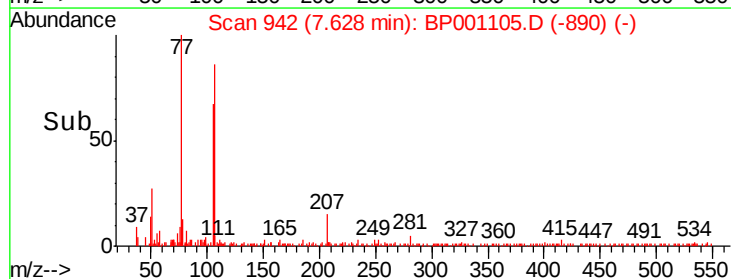
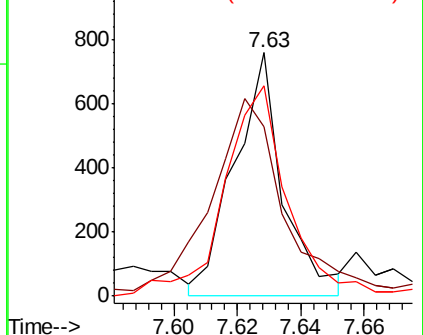
106 86.3 67.6 107.6

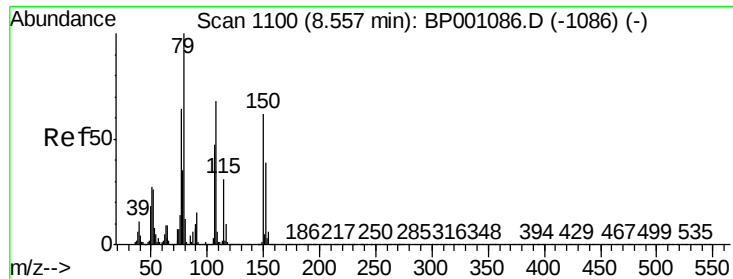


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.208 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampled :

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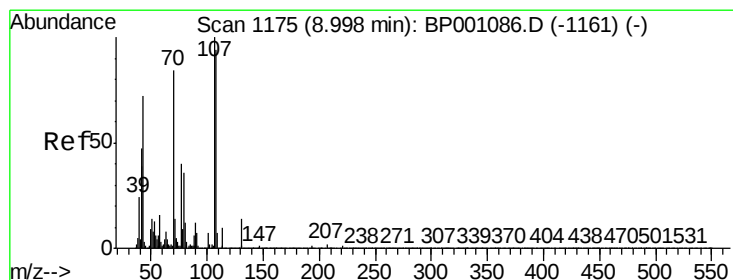
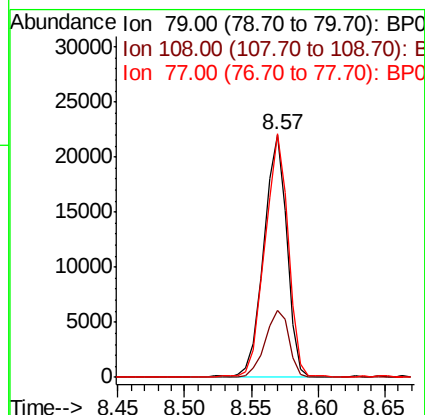
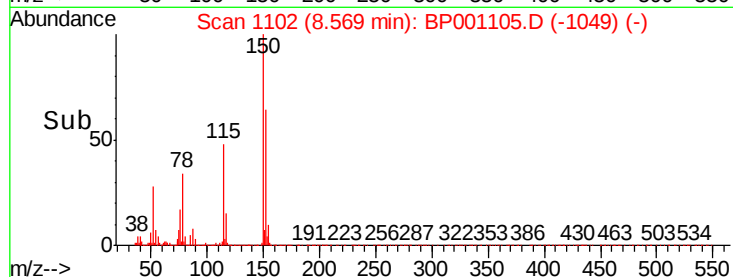
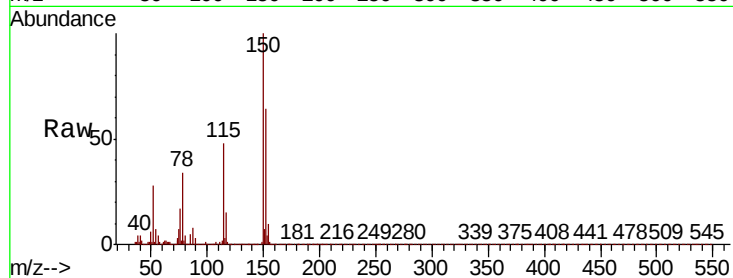
Tot Ion: 79 Resp: 26168

Ion Ratio Lower Upper

79 100

108 27.8 54.8 82.2#

77 100.4 51.4 77.2#



#19

n-Nitroso-di-n-propylamine

Concen: 20.189 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.21 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Tgt Ion: 70 Resp: 210283

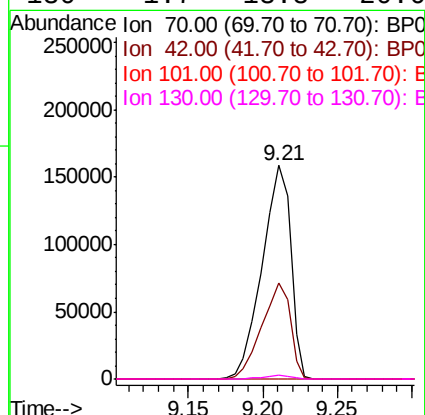
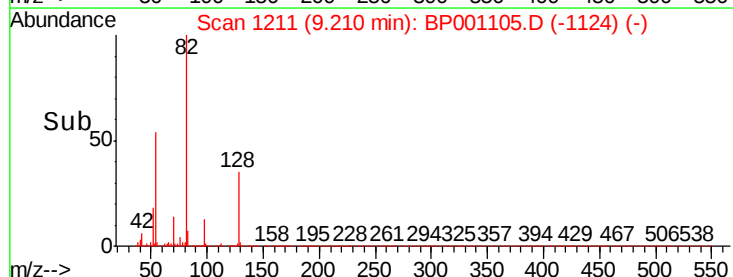
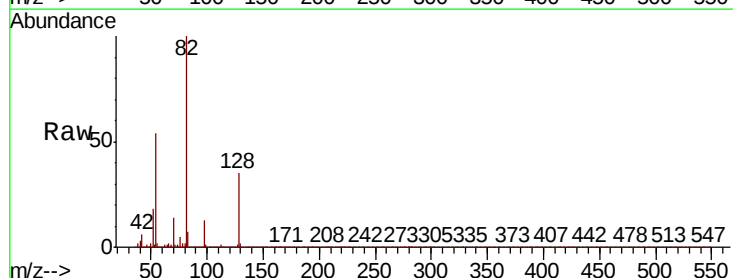
Ion Ratio Lower Upper

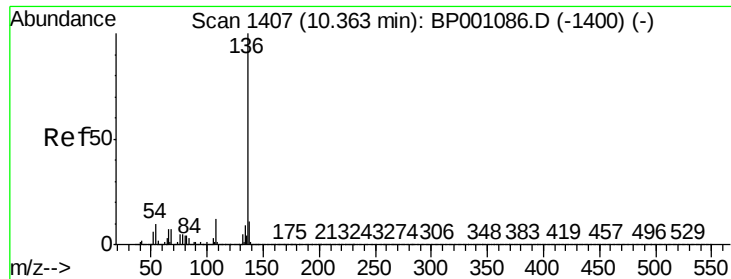
70 100

42 44.9 44.6 66.8

101 0.0 7.1 10.7#

130 1.7 13.8 20.6#

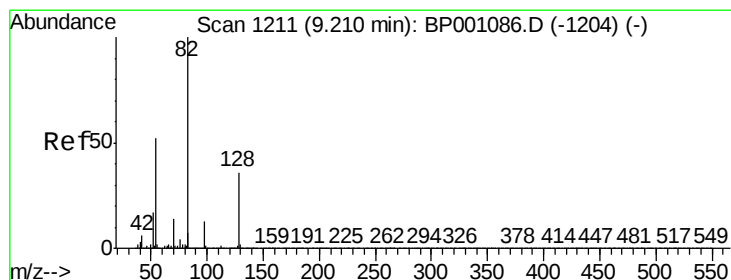
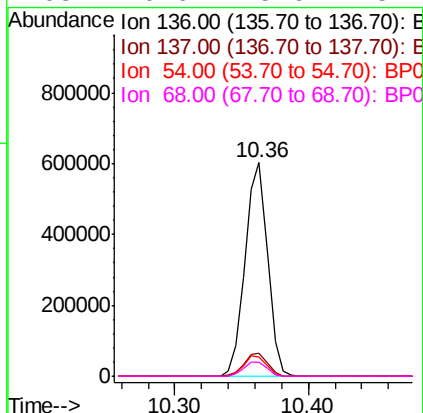
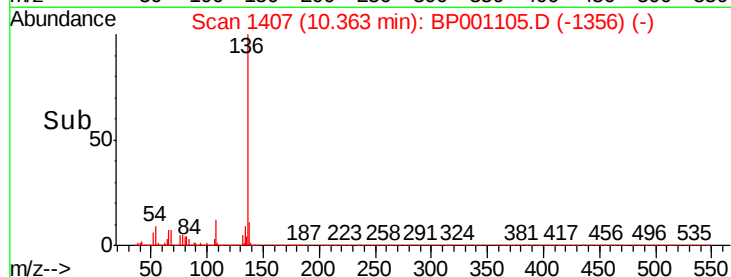
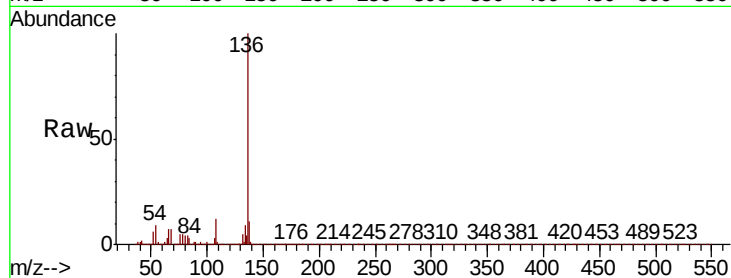




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

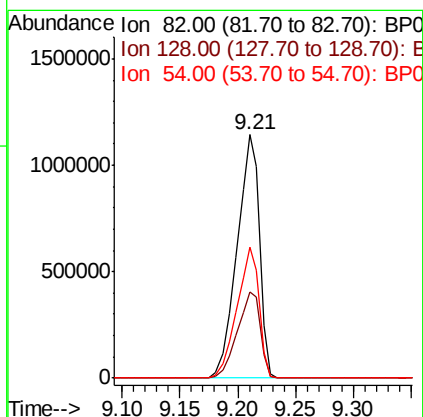
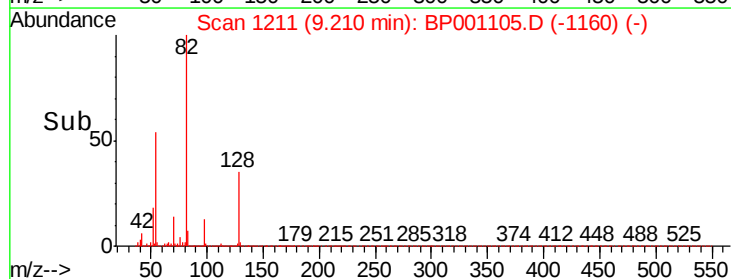
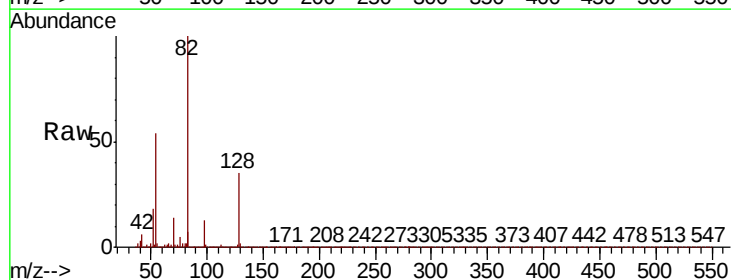
Instrument :
BNA_P
ClientSampleId :
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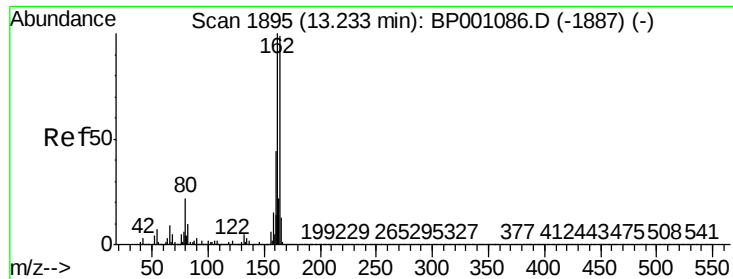
Tot Ion:136	Resp: 694440
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 9.0	7.9 11.9
68 6.6	5.6 8.4



#23
Nitrobenzene-d5
Concen: 95.176 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion: 82	Resp: 1523406
Ion Ratio	Lower Upper
82 100	
128 35.3	28.9 43.3
54 53.6	41.9 62.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

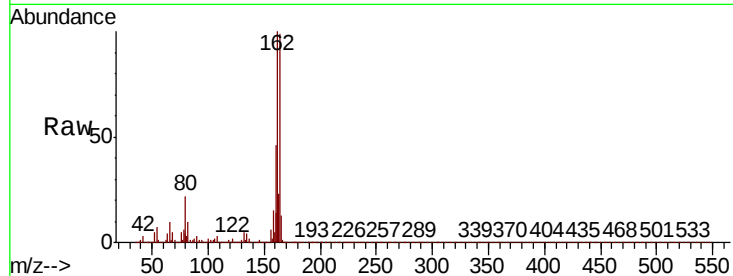
Tot Ion:164 Resp: 410653

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

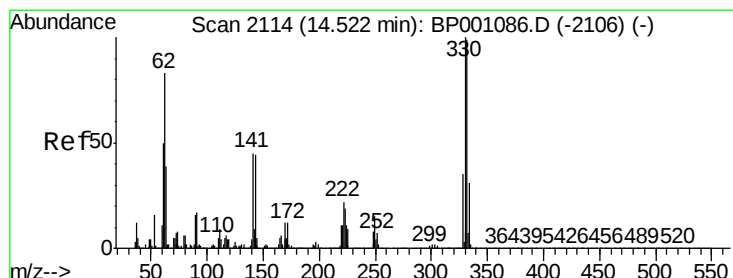
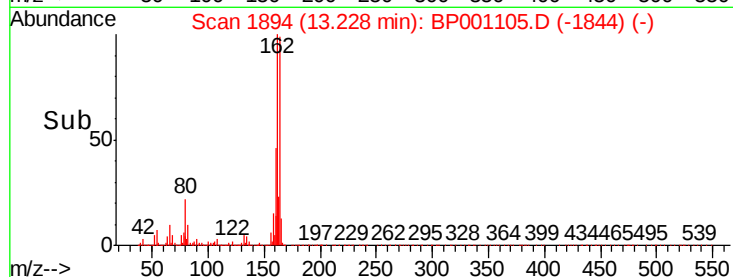
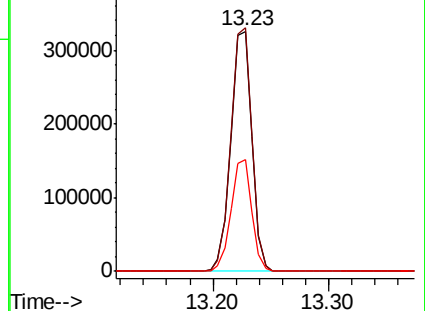
160 46.7 35.4 53.2



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: 145.446 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

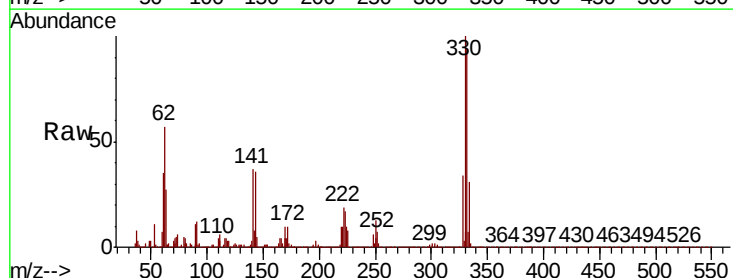
Tgt Ion:330 Resp: 572490

Ion Ratio Lower Upper

330 100

332 95.3 77.6 116.4

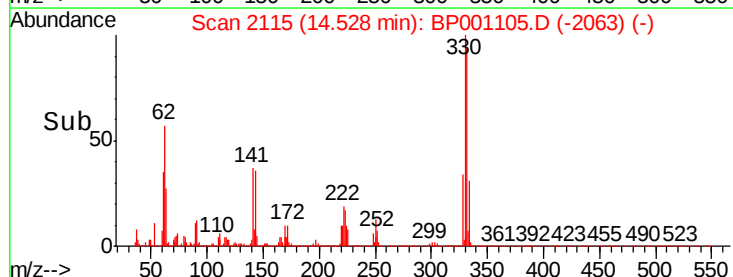
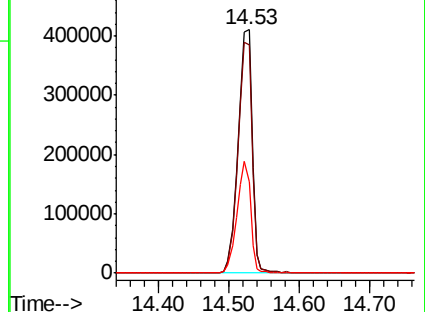
141 44.0 34.2 51.2

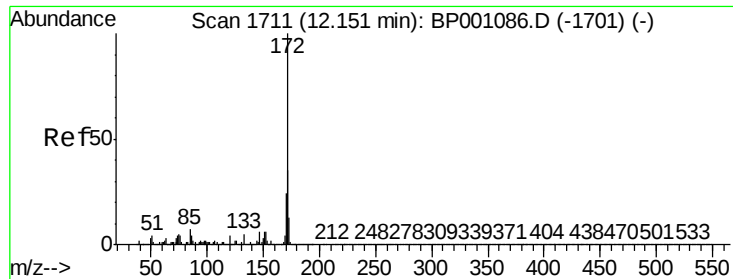


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

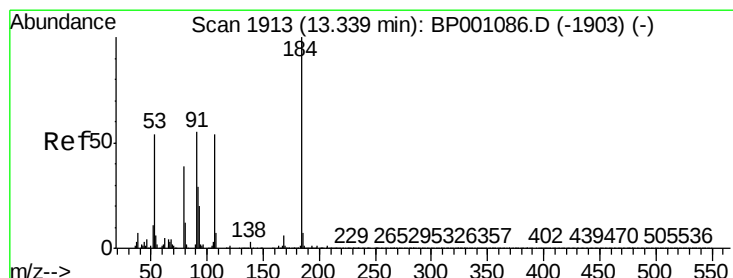
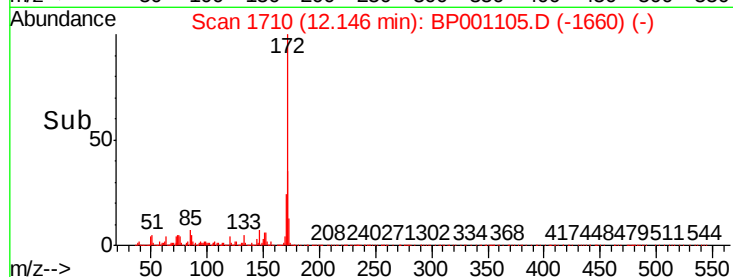
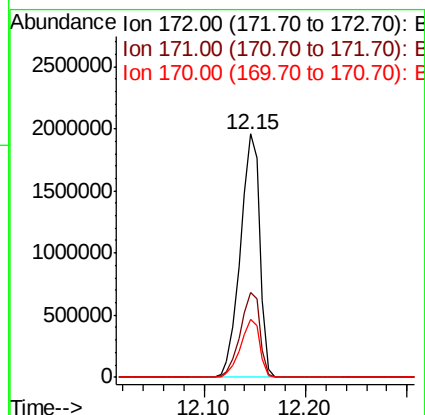
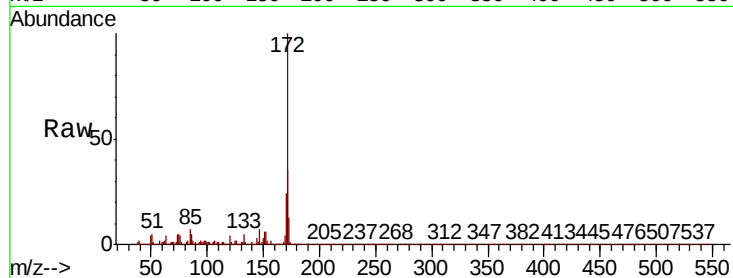




#45
2-Fluorobiphenyl
Concen: 92.476 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

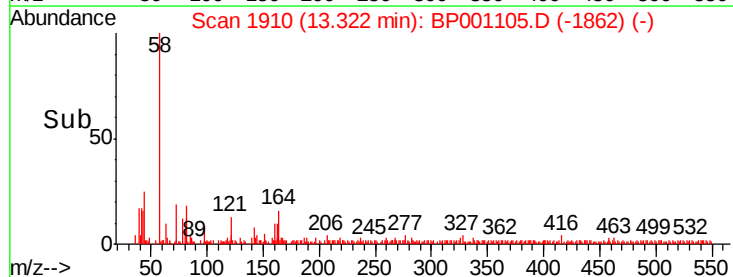
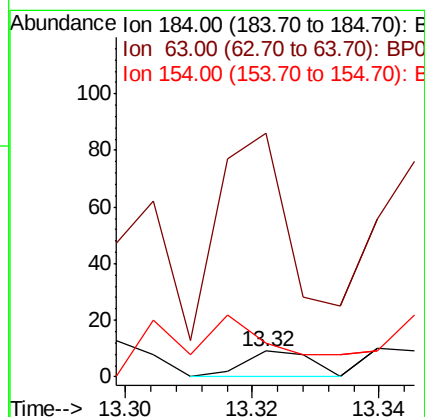
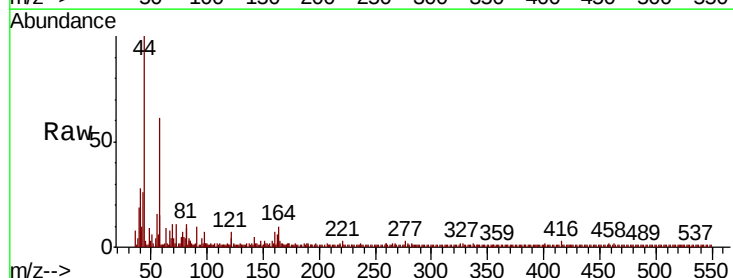
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BNA_P
ClientSampleId :
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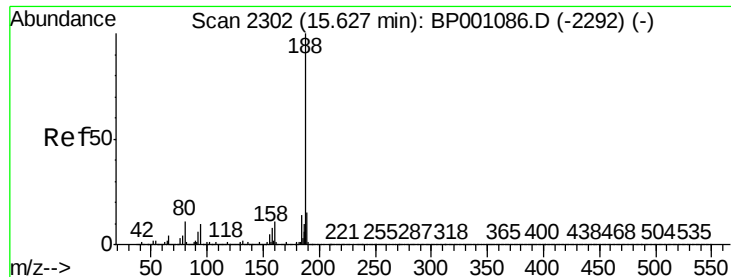
Tot Ion:172 Resp: 2594725
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 24.0 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.111 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 955.6 60.7 91.1#
154 133.3 56.2 84.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

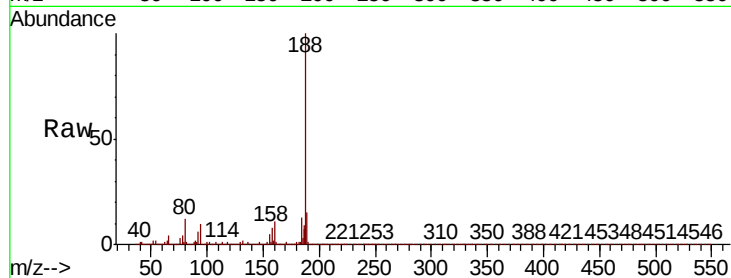
Tot Ion:188 Resp: 779414

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

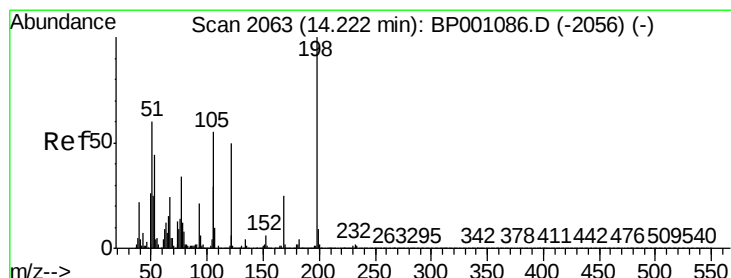
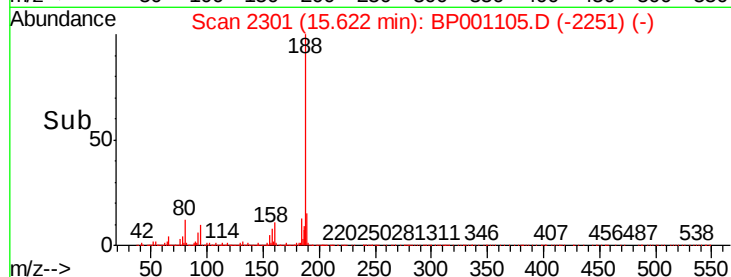
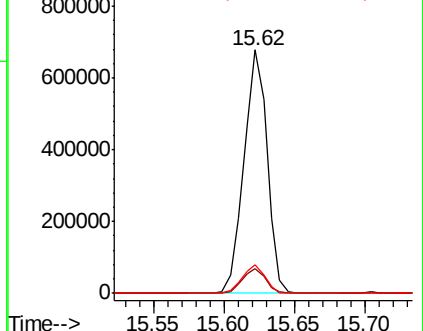
80 11.6 8.8 13.2



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: 6.288 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.15 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

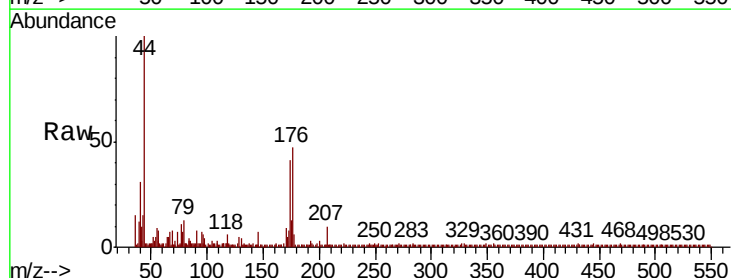
Tgt Ion:198 Resp: 43

Ion Ratio Lower Upper

198 100

51 204.3 40.5 80.5#

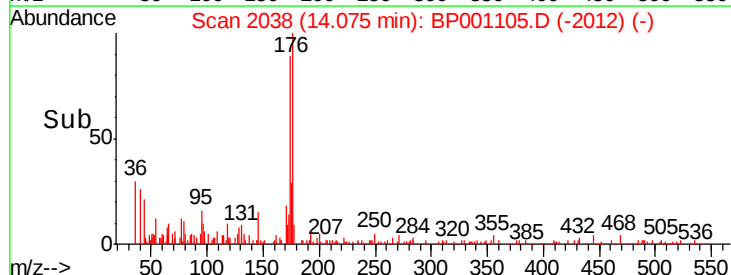
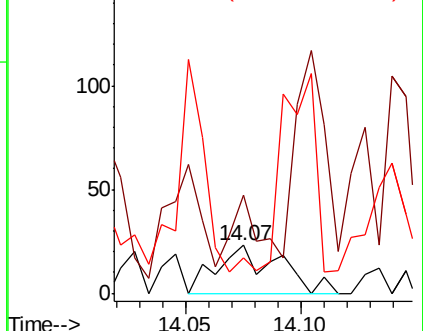
105 73.9 35.7 75.7

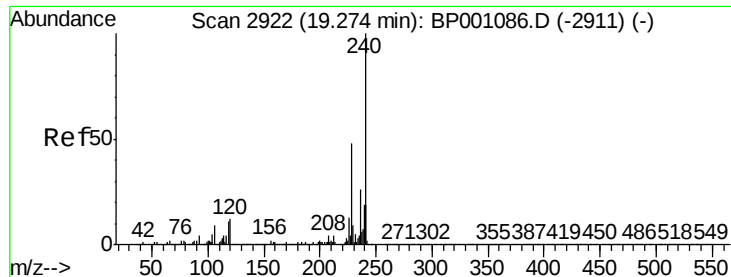


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

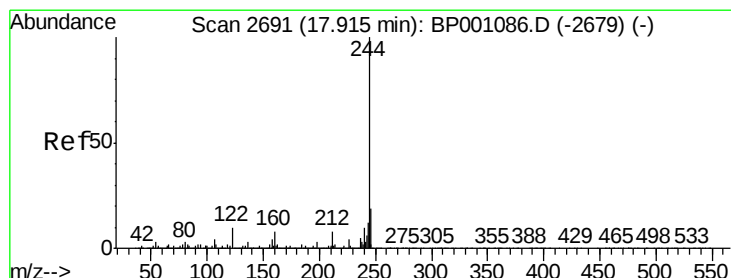
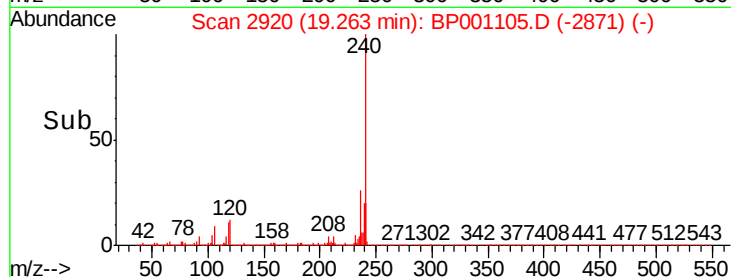
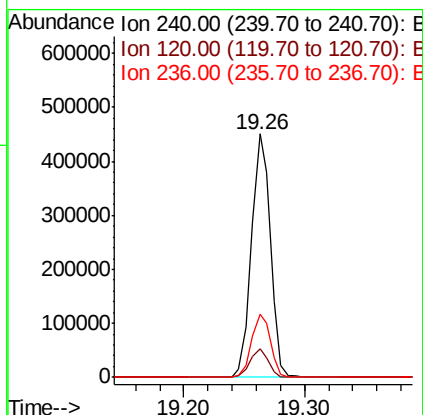
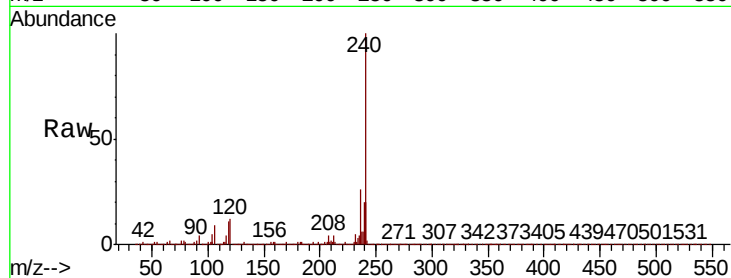




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

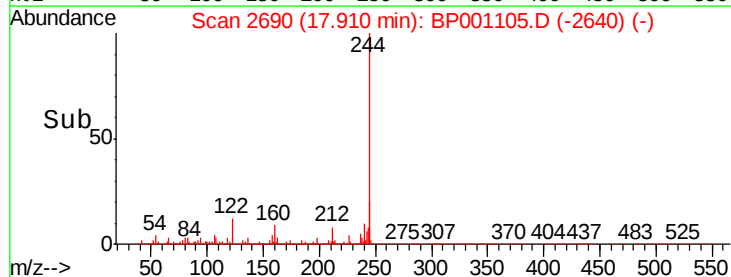
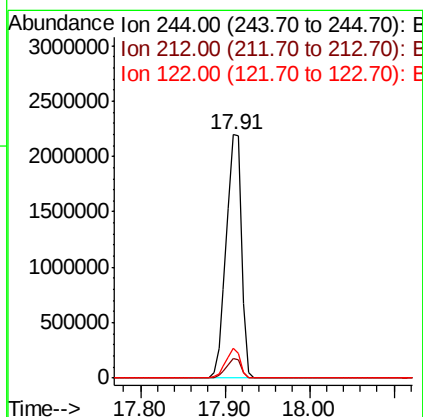
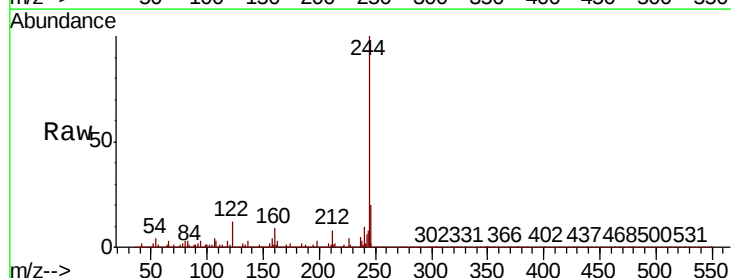
Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

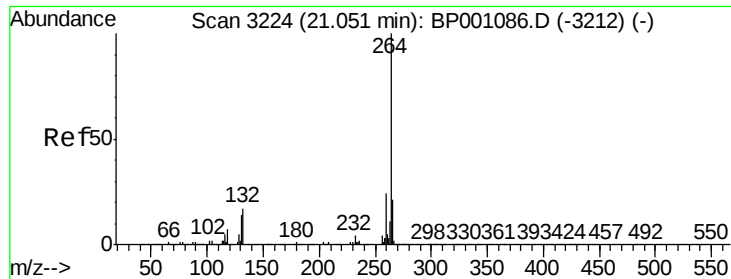
Tot Ion:240 Resp: 495362
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.1 20.4 30.6



#79
Terphenyl-d14
Concen: 103.003 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:244 Resp: 2757898
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 12.2 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.4	16.9	25.3

