

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001261.D
 Acq On : 07 Dec 2019 18:34
 Operator : JU
 Sample : K6147-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:43:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

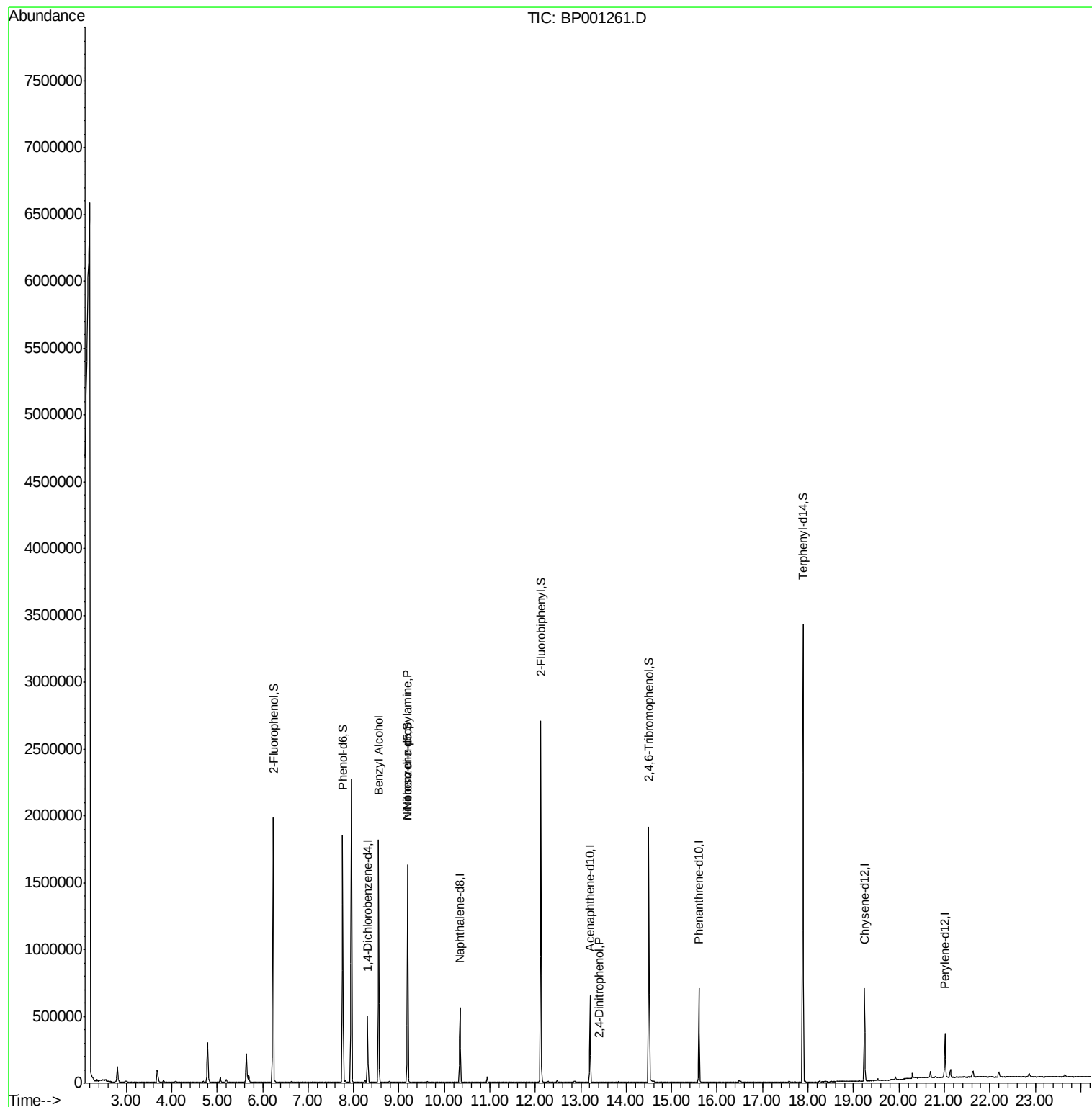
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	79224	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	292752	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	163691	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	329408	20.00	ng	0.00
76) Chrysene-d12	19.25	240	251513	20.00	ng	-0.01
87) Perylene-d12	21.02	264	127900	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	603906	126.47	ng	0.02
7) Phenol-d6	7.76	99	742932	116.78	ng	0.00
23) Nitrobenzene-d5	9.19	82	634331	94.01	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	254841	162.42	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1040794	93.06	ng	-0.01
79) Terphenyl-d14	17.89	244	1359217	99.98	ng	0.00
Target Compounds						
9) Benzaldehyde	7.60	77	243	Below Cal	#	40
15) Benzyl Alcohol	8.55	79	11915	2.282 ng	#	63
19) n-Nitroso-di-n-propylamine	9.19	70	91371	19.904 ng	#	81
54) 2,4-Dinitrophenol	13.41	184	10	7.118 ng		90

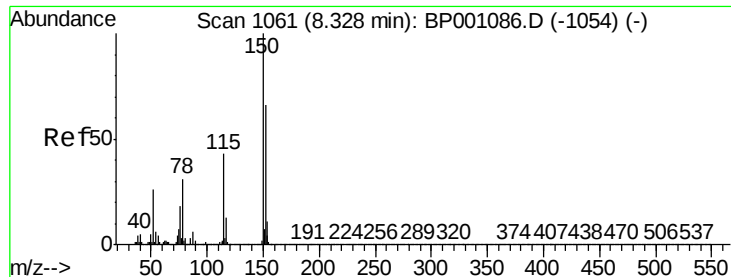
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

Instrument :

BNA_P

ClientSampleId :

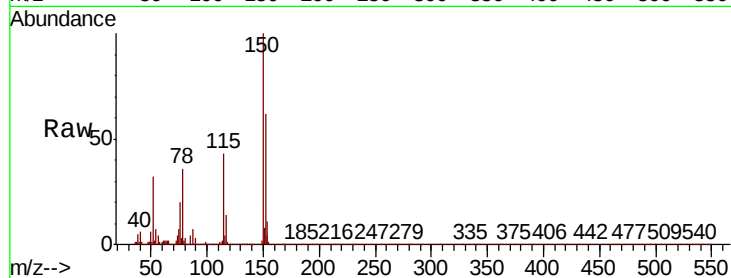
Tot Ion:152 Resp: 79224

Ion Ratio Lower Upper

152 100

150 161.9 127.3 190.9

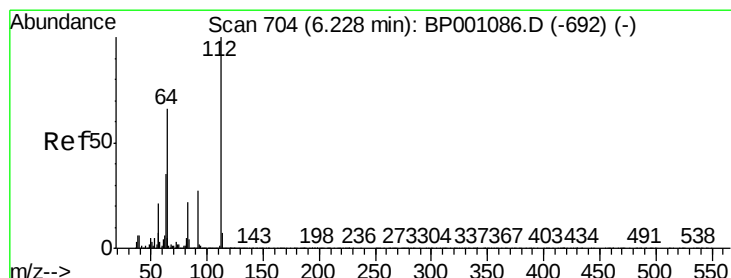
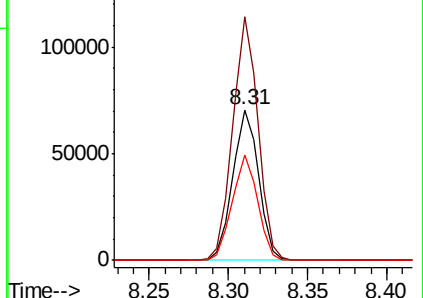
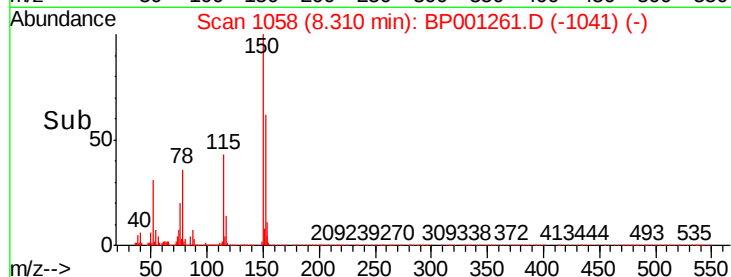
115 70.4 56.0 84.0



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: 126.468 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

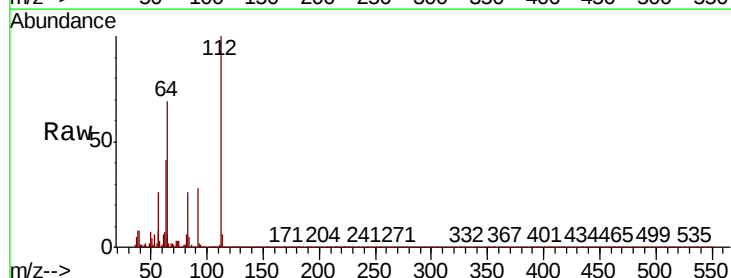
Tgt Ion:112 Resp: 603906

Ion Ratio Lower Upper

112 100

64 69.4 56.8 85.2

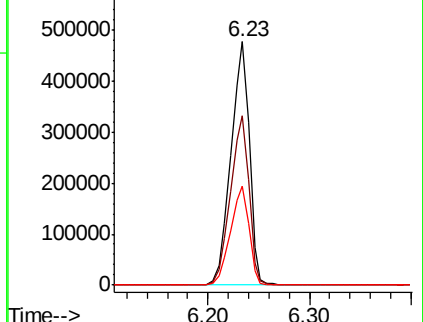
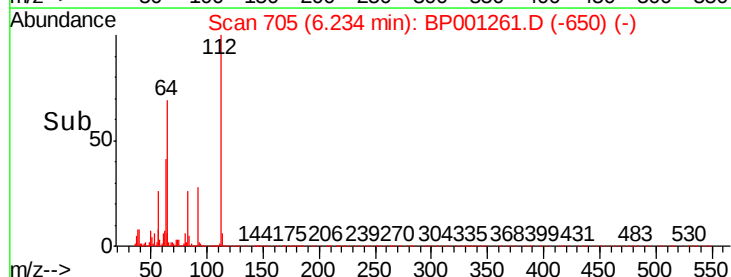
63 40.7 32.2 48.2

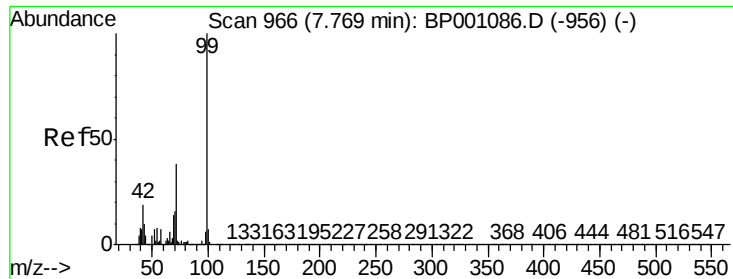


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 116.782 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

Instrument :

BNA_P

ClientSampleId :

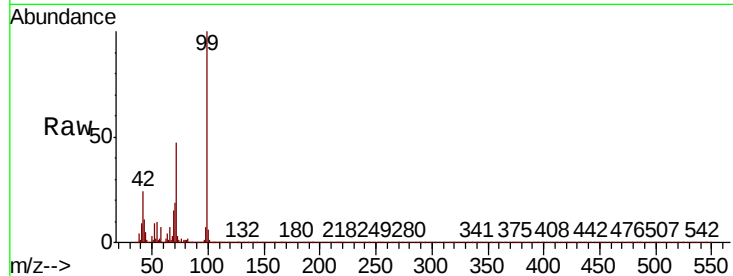
Tot Ion: 99 Resp: 742932

Ion Ratio Lower Upper

99 100

42 23.7 17.6 26.4

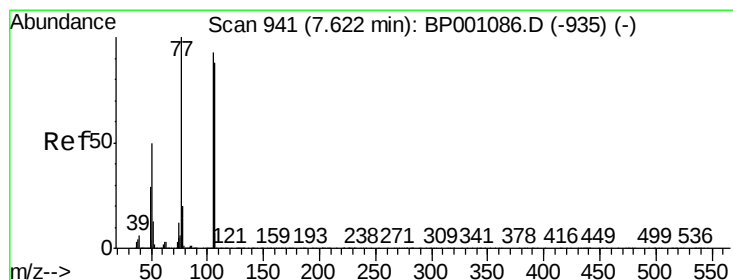
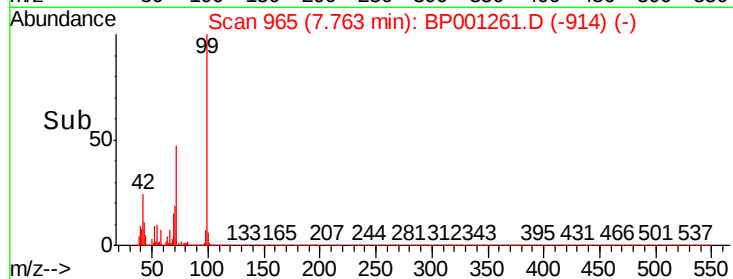
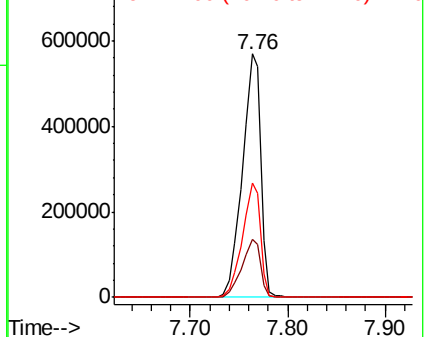
71 47.0 33.8 50.8



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: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

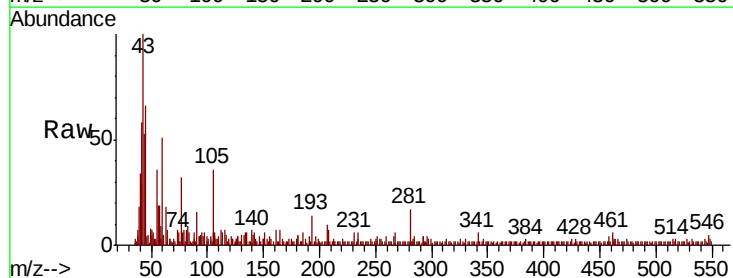
Tgt Ion: 77 Resp: 243

Ion Ratio Lower Upper

77 100

105 127.5 69.7 109.7#

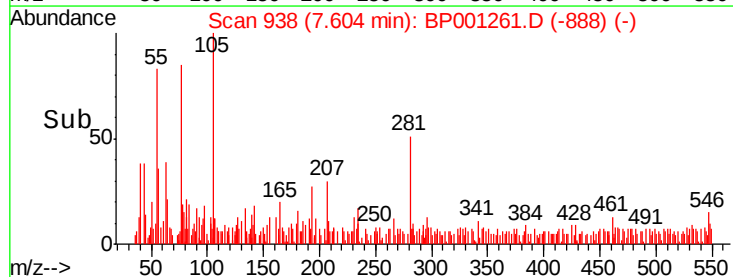
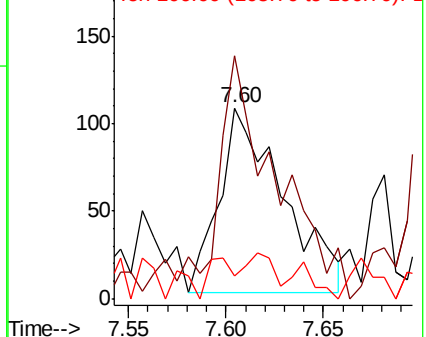
106 11.9 67.1 107.1#

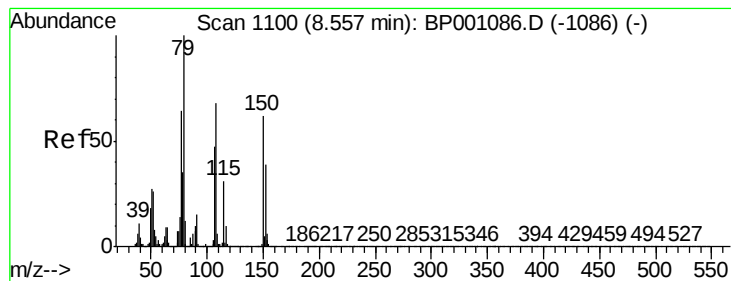


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.282 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

Instrument :

BNA_P

ClientSampled :

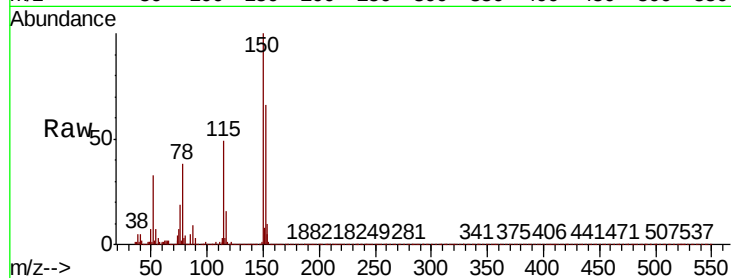
Tot Ion: 79 Resp: 11915

Ion Ratio Lower Upper

79 100

108 34.1 51.6 77.4#

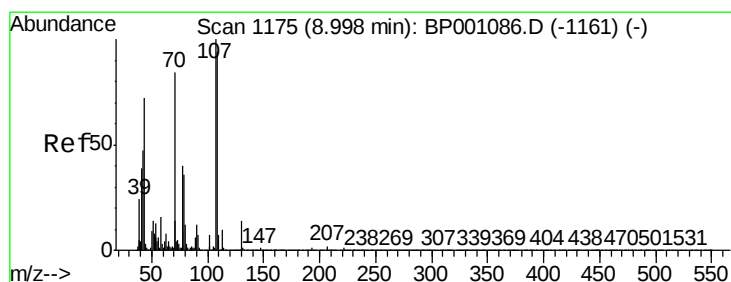
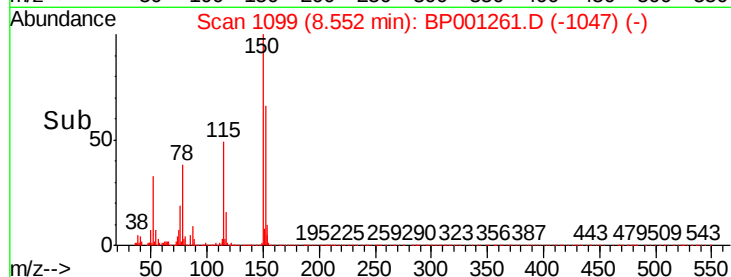
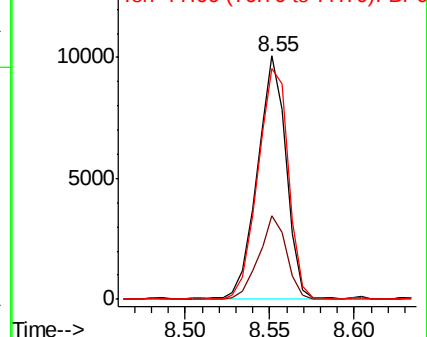
77 95.0 53.5 80.3#



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 19.904 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

Tgt Ion: 70 Resp: 91371

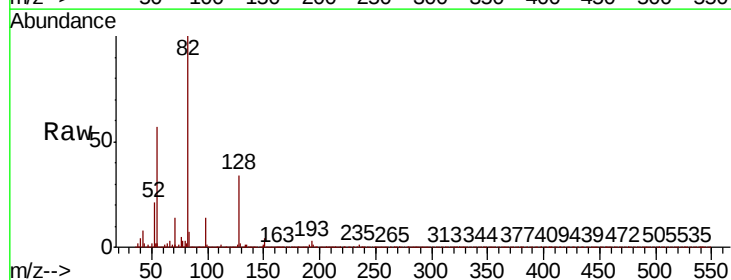
Ion Ratio Lower Upper

70 100

42 52.8 50.6 76.0

101 0.0 7.1 10.7#

130 1.5 13.6 20.4#

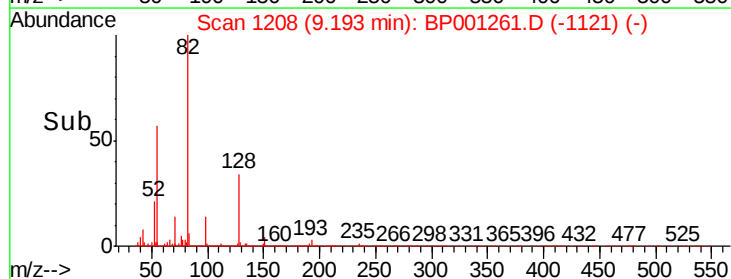
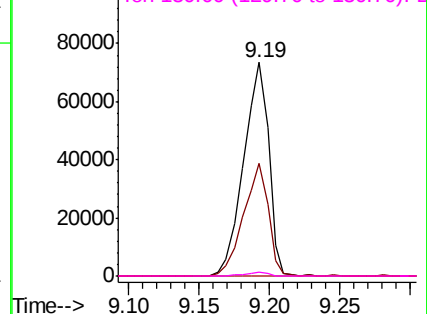


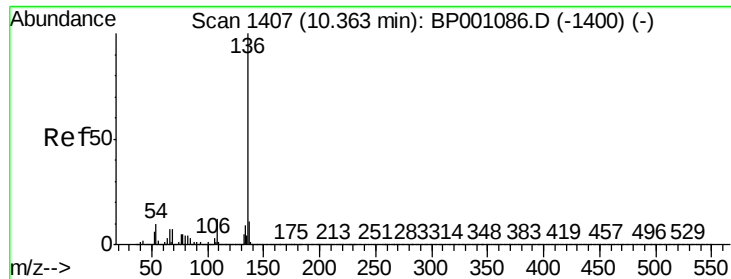
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

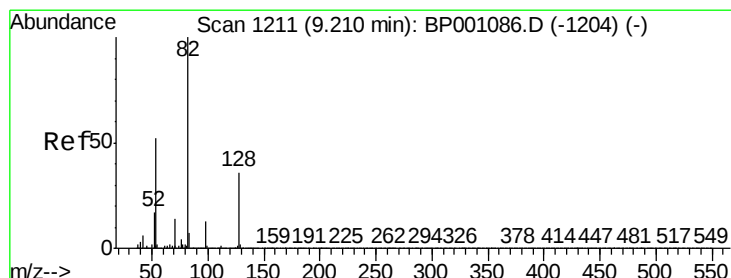
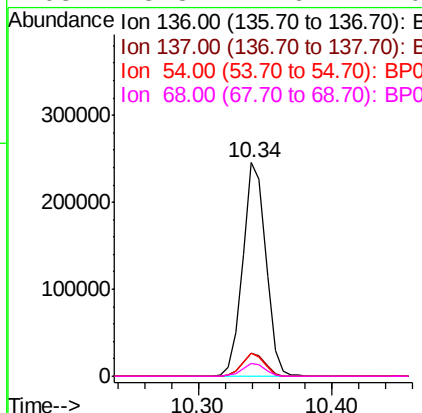
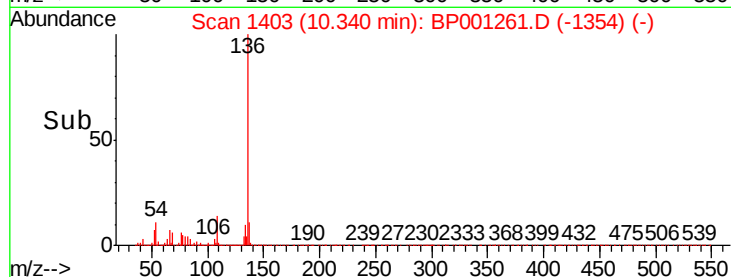
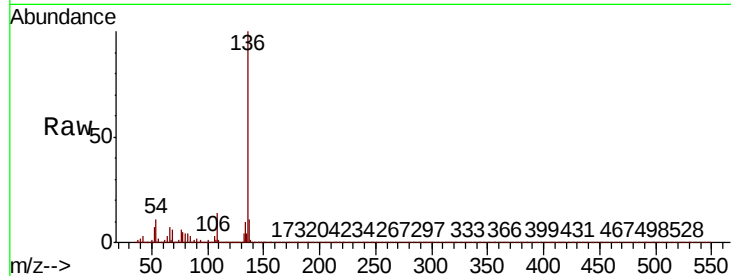




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001261.D
Acq: 07 Dec 2019 18:34

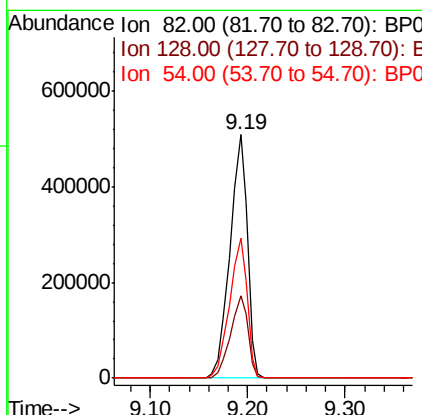
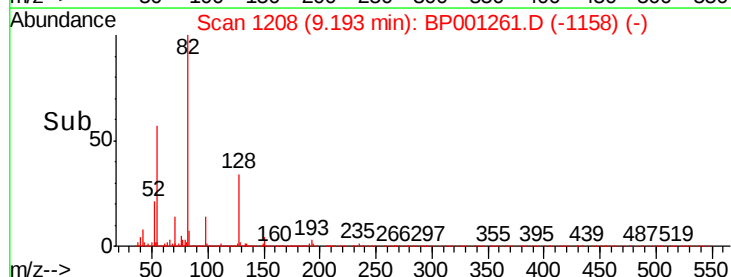
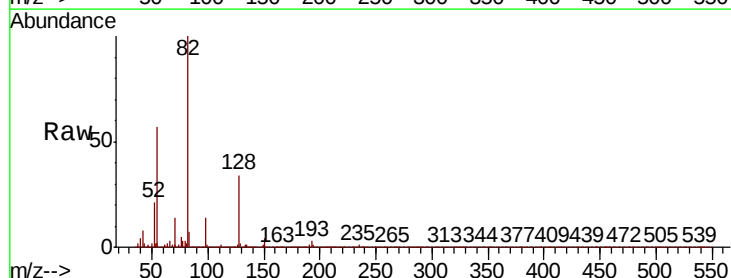
Instrument :
BNA_P
ClientSampleId :

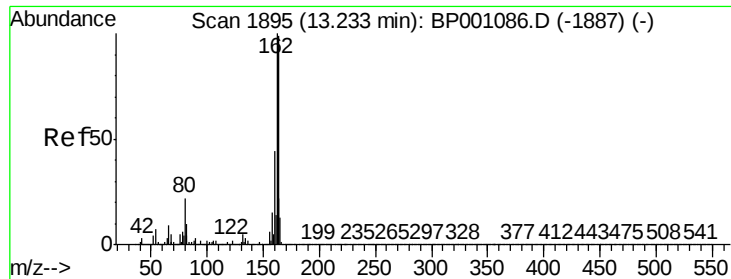
Tot Ion:136	Resp:	292752
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	10.6	7.4 11.0
68	5.8	4.6 7.0



#23
Nitrobenzene-d5
Concen: 94.008 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001261.D
Acq: 07 Dec 2019 18:34

Tgt Ion: 82	Resp:	634331
Ion Ratio	Lower	Upper
82	100	
128	33.9	27.5 41.3
54	57.3	45.7 68.5

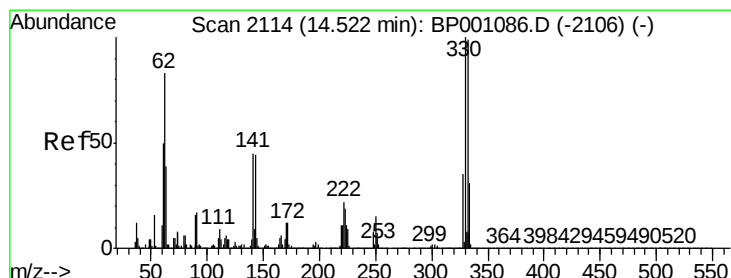
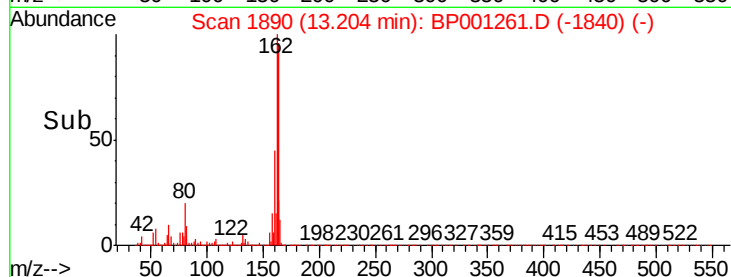
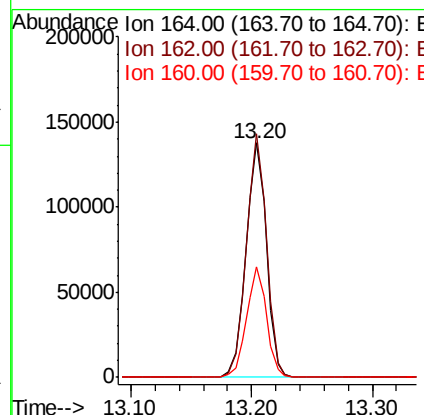
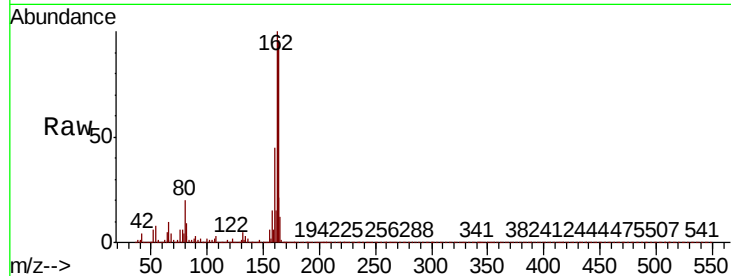




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001261.D
Acq: 07 Dec 2019 18:34

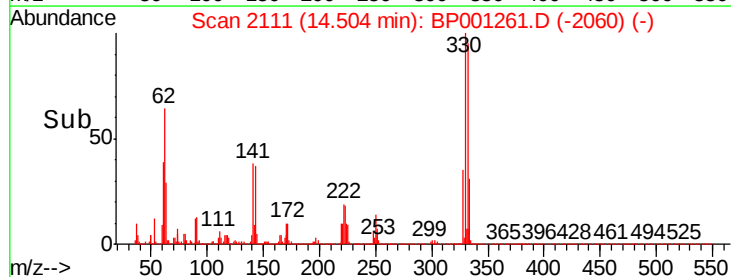
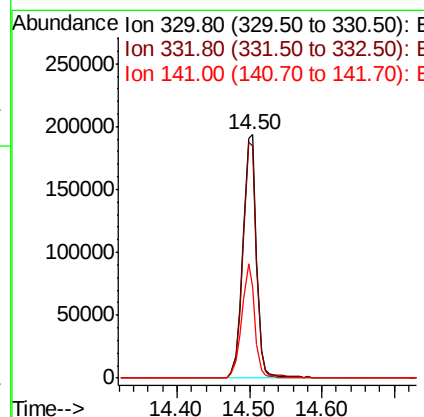
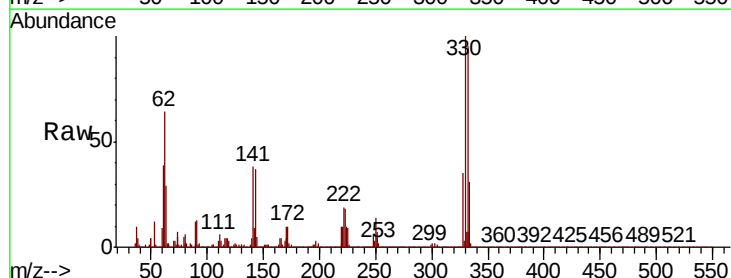
Instrument :
BNA_P
ClientSampleId :

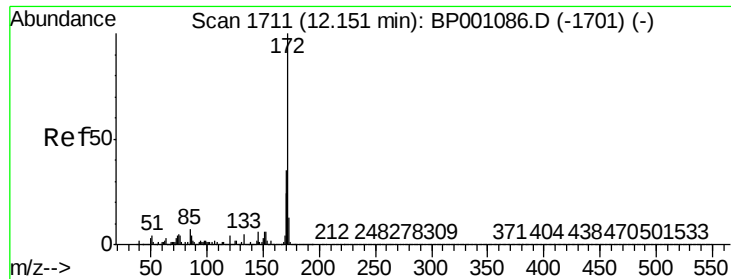
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	46.9	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 162.425 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP001261.D
Acq: 07 Dec 2019 18:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	44.3	35.9	53.9

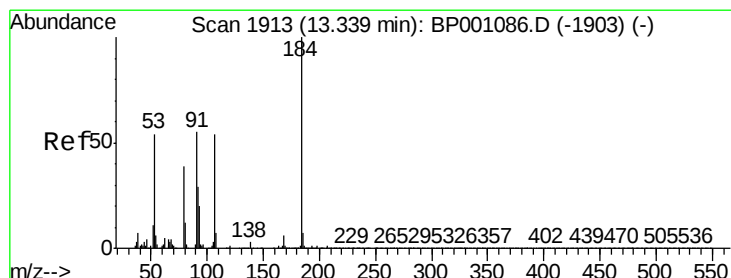
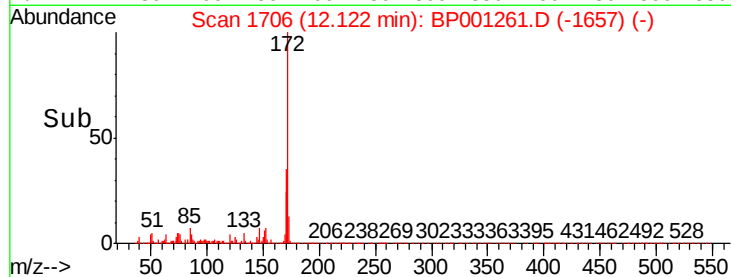
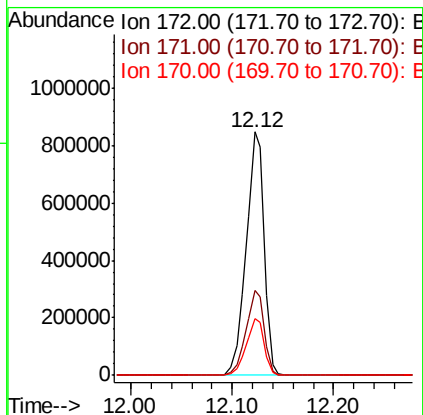
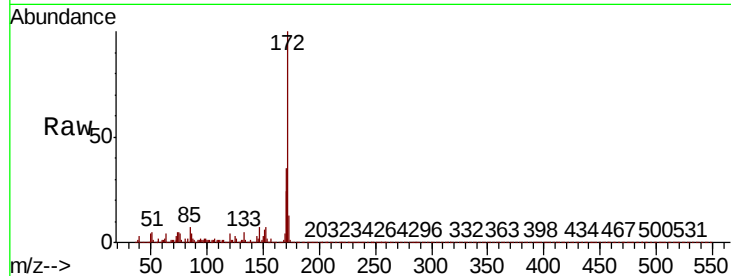




#45
2-Fluorobiphenyl
Concen: 93.058 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001261.D
Acq: 07 Dec 2019 18:34

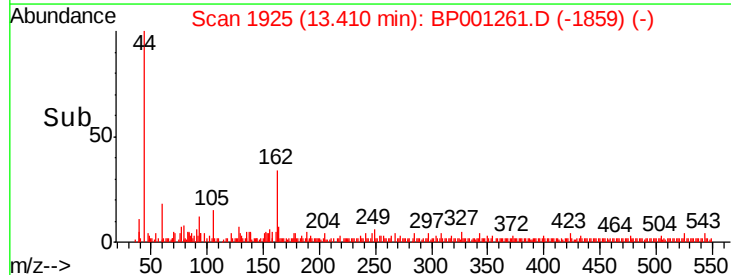
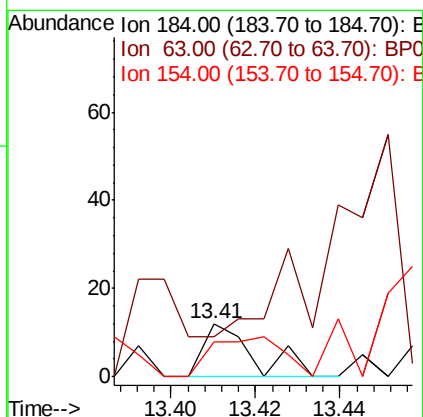
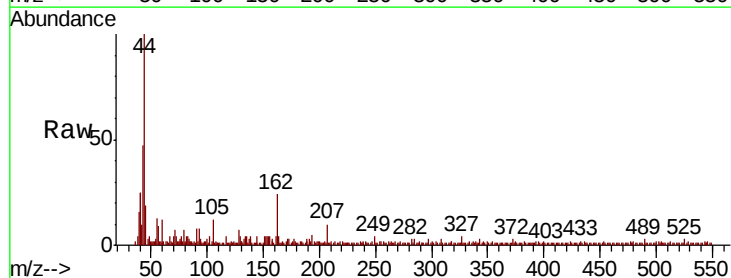
Instrument :
BNA_P
ClientSampleId :

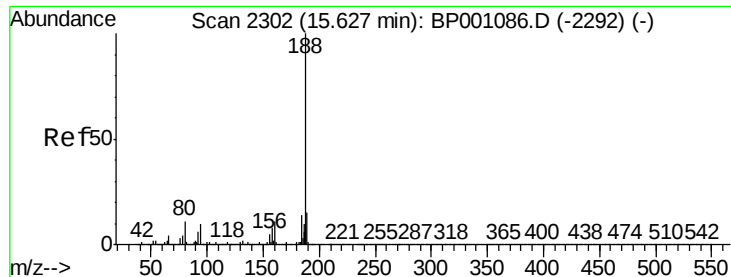
Tot Ion:172 Resp: 1040794
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.118 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.09 min
Lab File: BP001261.D
Acq: 07 Dec 2019 18:34

Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 75.0 69.4 104.0
154 66.7 57.4 86.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

Instrument :

BNA_P

ClientSampleId :

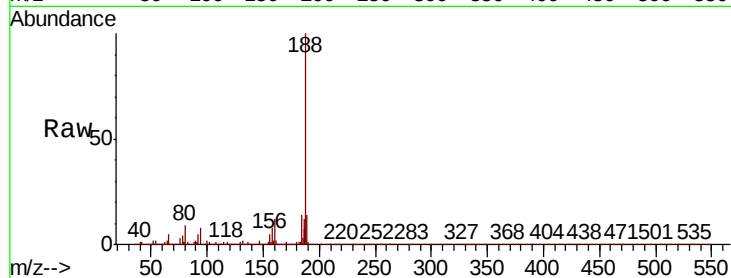
Tot Ion:188 Resp: 329408

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

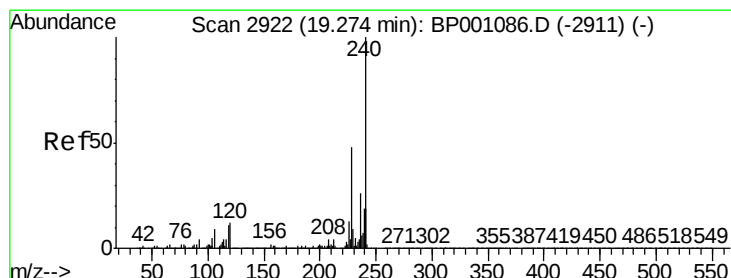
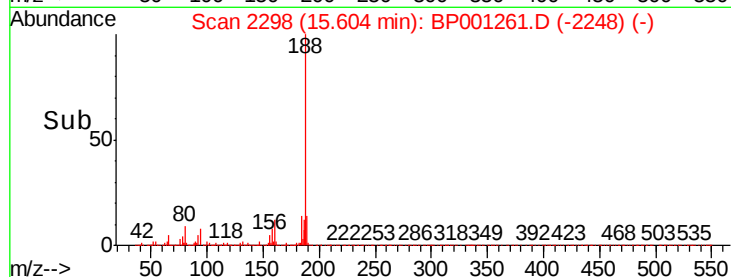
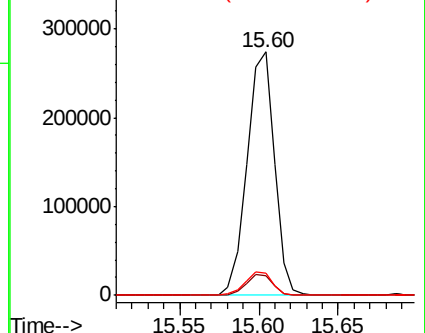
80 9.0 7.8 11.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

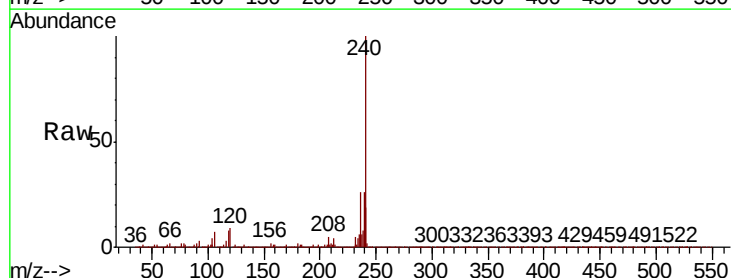
Tgt Ion:240 Resp: 251513

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

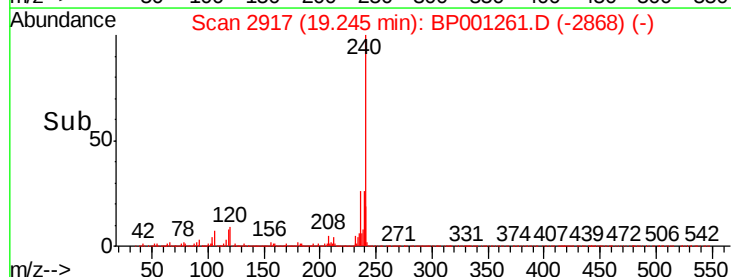
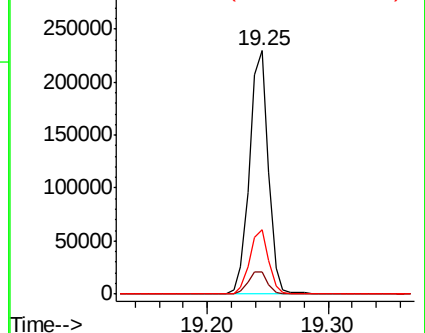
236 26.4 21.7 32.5

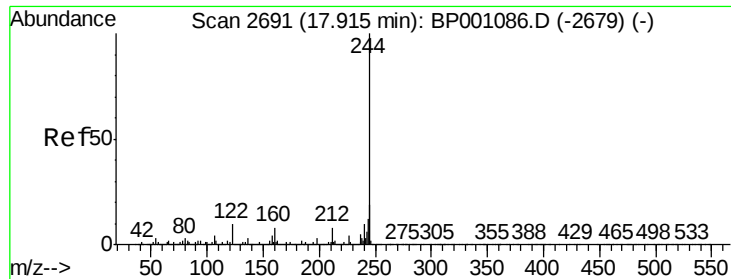


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.982 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

Instrument :

BNA_P

ClientSampleId :

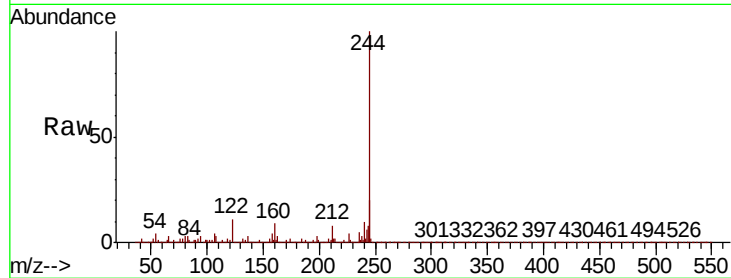
Tot Ion:244 Resp: 1359217

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	11.5	9.2	13.8

244 100

212 8.2 6.6 9.8

122 11.5 9.2 13.8

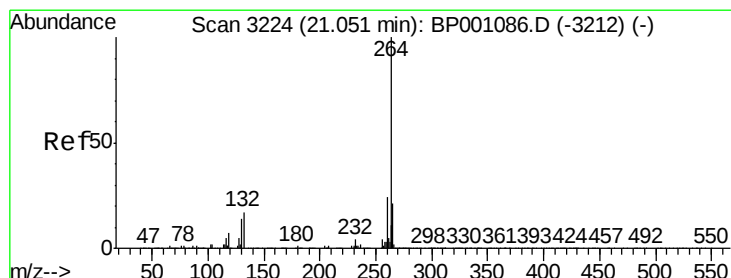
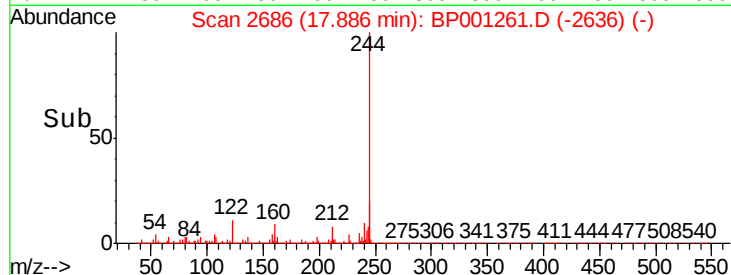
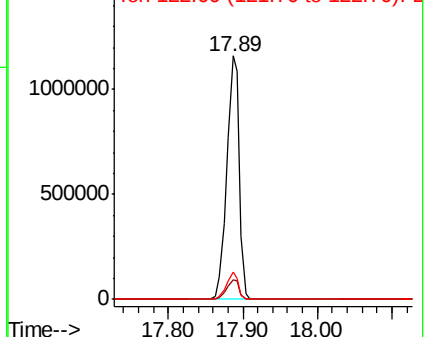


Abundance

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: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001261.D

Acq: 07 Dec 2019 18:34

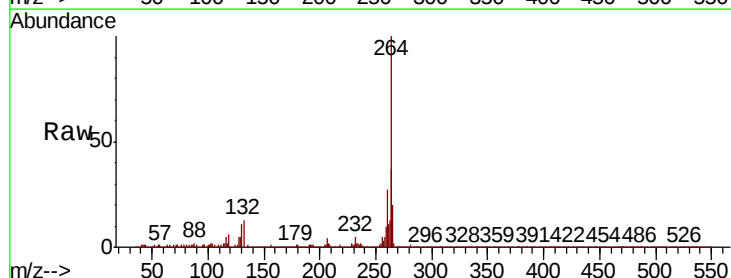
Tgt Ion:264 Resp: 127900

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.4	29.0
265	20.3	17.1	25.7

264 100

260 26.9 19.4 29.0

265 20.3 17.1 25.7



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

