

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001291.D
 Acq On : 10 Dec 2019 01:42
 Operator : JU
 Sample : K6196-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:27:04 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

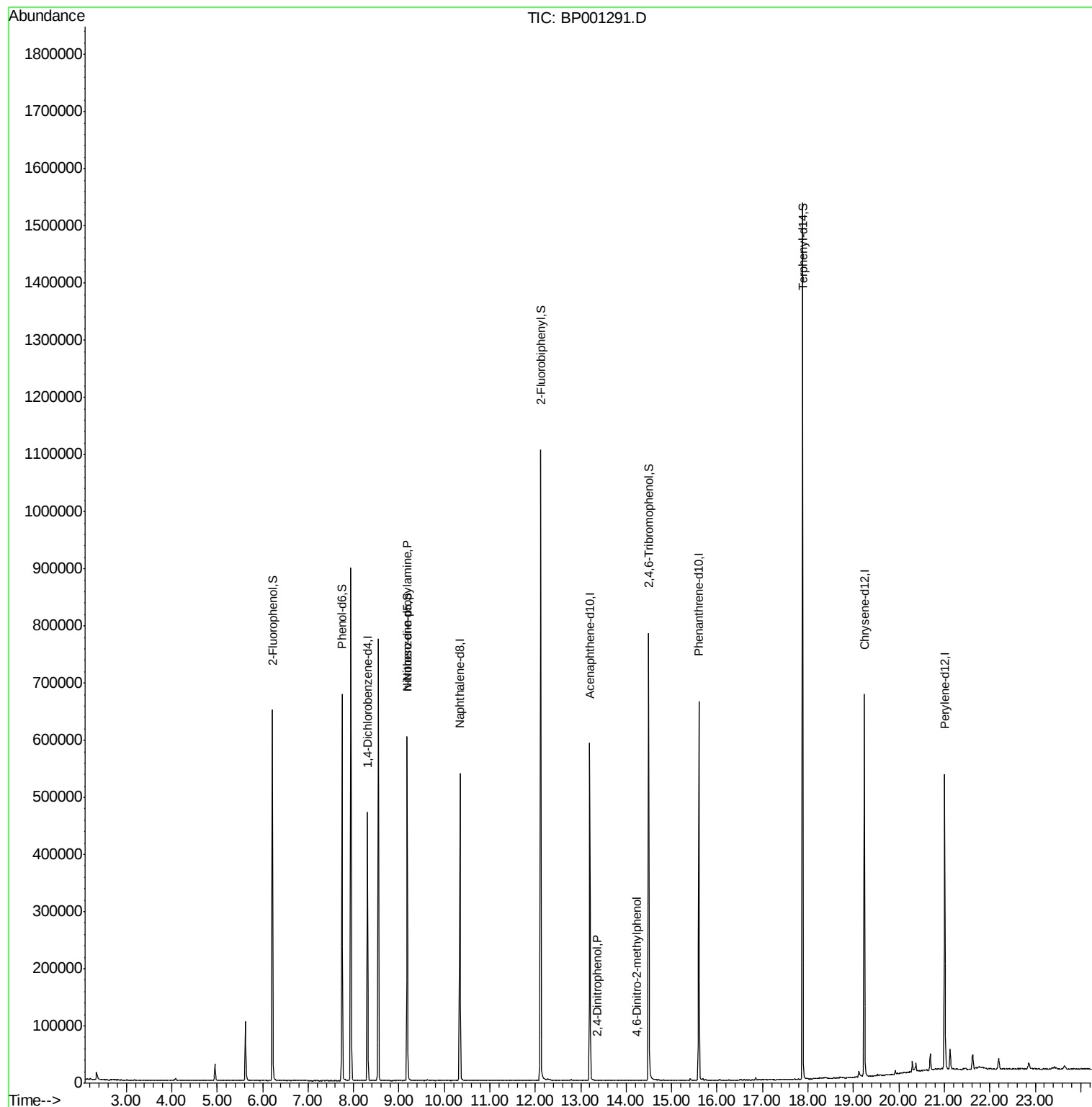
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	75265	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	277668	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	158265	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	297273	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	235984	20.00	ng	-0.02
87) Perylene-d12	21.01	264	251144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	193215	42.59	ng	0.00
7) Phenol-d6	7.75	99	235528	38.97	ng	-0.02
23) Nitrobenzene-d5	9.18	82	242315	37.86	ng	-0.02
42) 2,4,6-Tribromophenol	14.49	330	98291	64.79	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	419285	38.77	ng	-0.02
79) Terphenyl-d14	17.88	244	539829	42.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.62	77	47	Below Cal	#	57
19) n-Nitroso-di-n-propylamine	9.18	70	36244	8.311 ng	#	79
54) 2,4-Dinitrophenol	13.36	184	16	7.123 ng	#	86
65) 4,6-Dinitro-2-methylphenol	14.23	198	13	6.285 ng	#	32

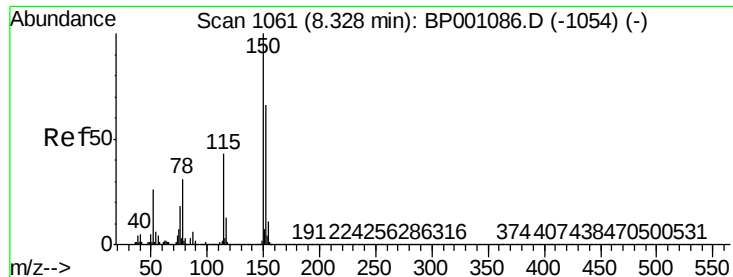
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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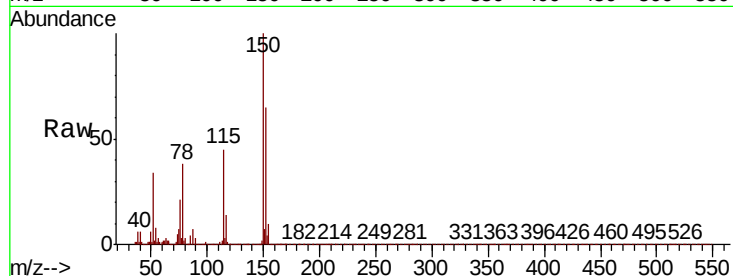




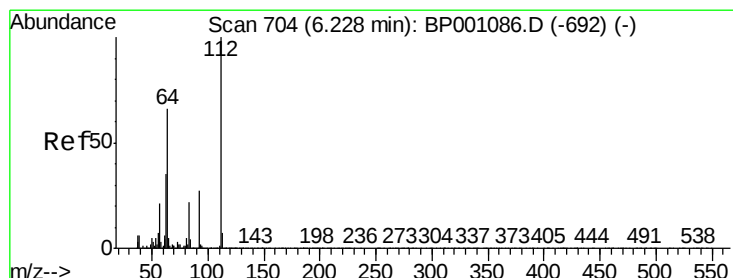
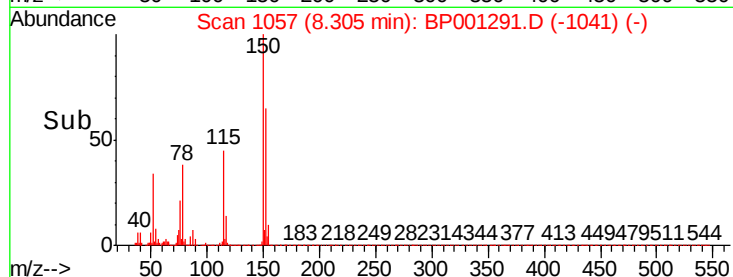
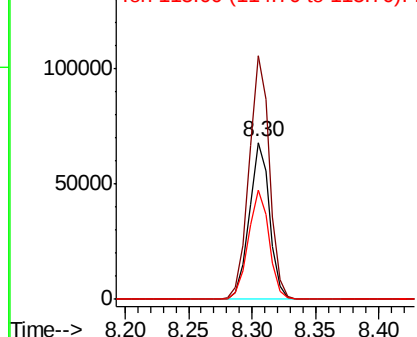
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.3	190.9
115	69.2	56.0	84.0

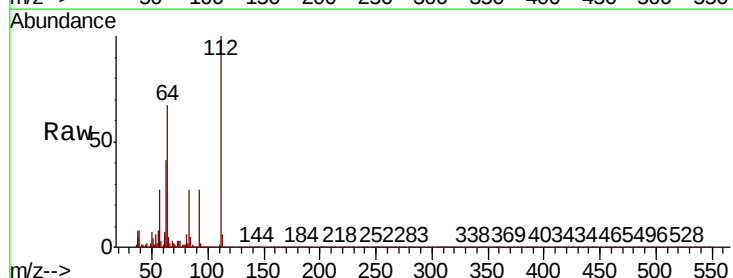


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

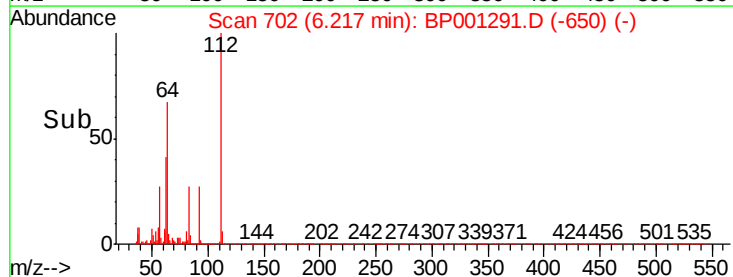
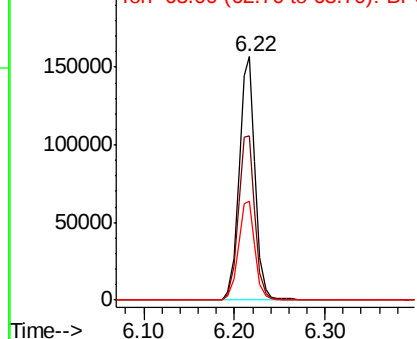


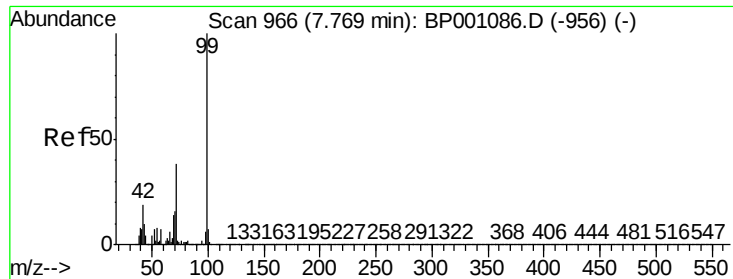
#5
 2-Fluorophenol
 Concen: 42.591 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	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: 38.970 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

Instrument :

BNA_P

ClientSampleId :

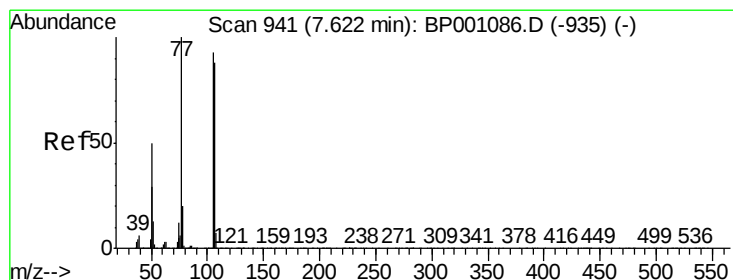
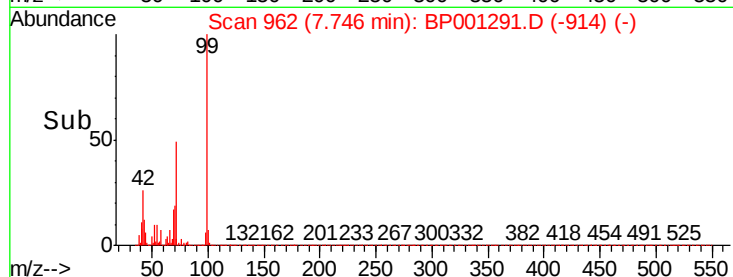
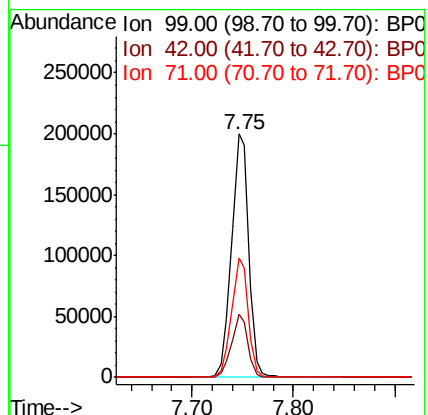
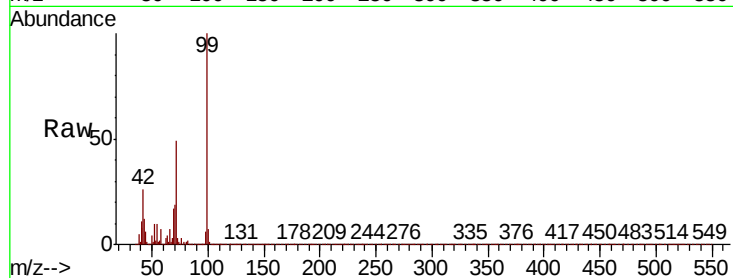
Tot Ion: 99 Resp: 23528

Ion Ratio Lower Upper

99 100

42 26.1 17.6 26.4

71 49.0 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BP001291.D

Acq: 10 Dec 2019 01:42

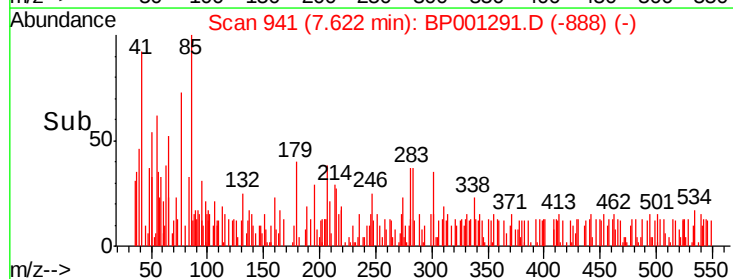
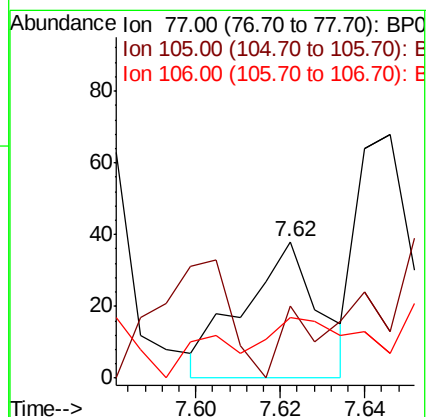
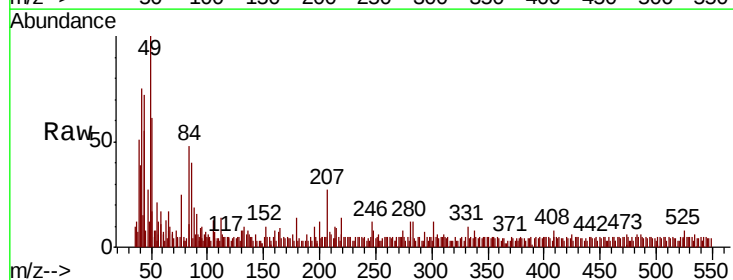
Tgt Ion: 77 Resp: 47

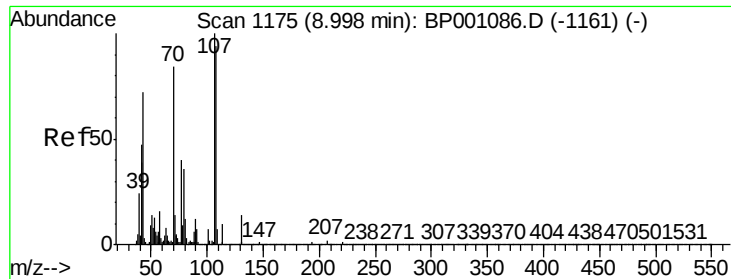
Ion Ratio Lower Upper

77 100

105 52.6 69.7 109.7#

106 44.7 67.1 107.1#

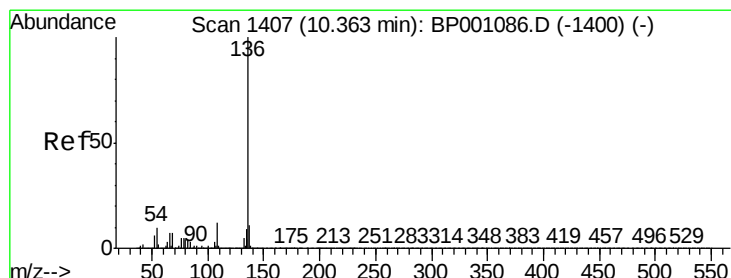
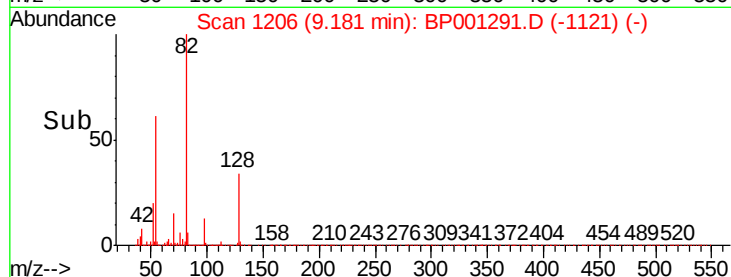
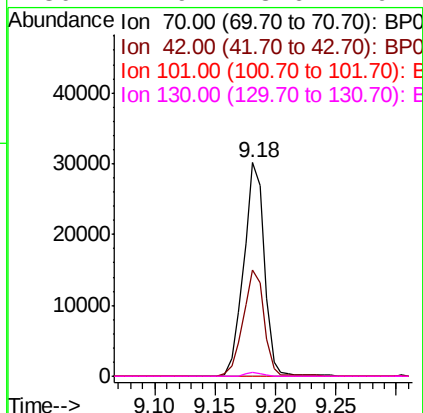
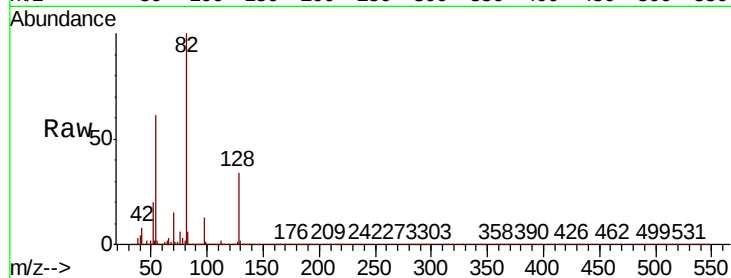




#19
n-Nitroso-di-n-propylamine
Concen: 8.311 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.20 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

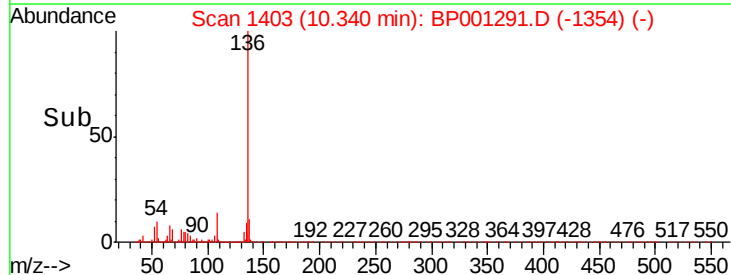
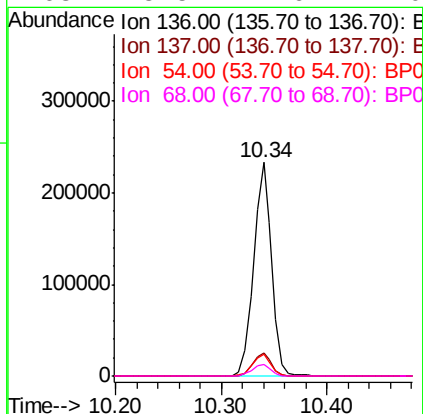
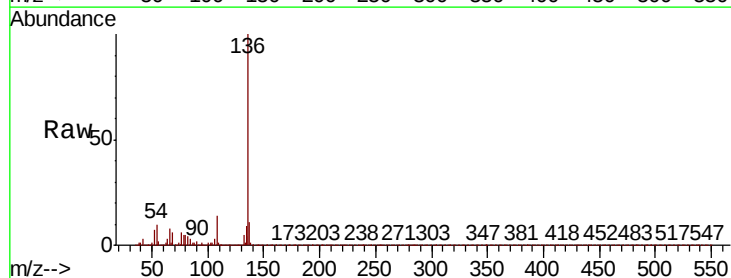
Instrument :
BNA_P
ClientSampleId :

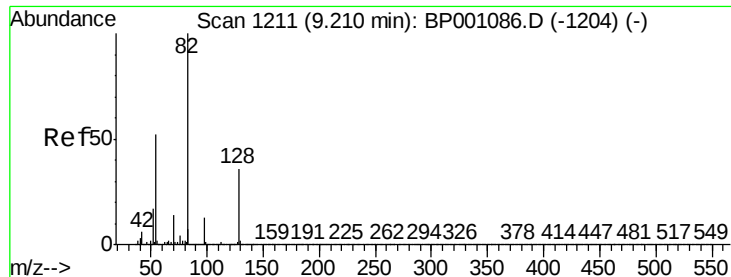
Tot Ion: 70 Resp: 36244
Ion Ratio Lower Upper
70 100
42 49.8 50.6 76.0#
101 0.0 7.1 10.7#
130 1.9 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

Tgt Ion:136 Resp: 277668
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.3 7.4 11.0
68 5.5 4.6 7.0

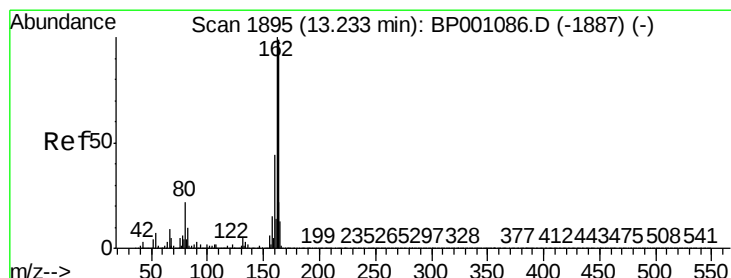
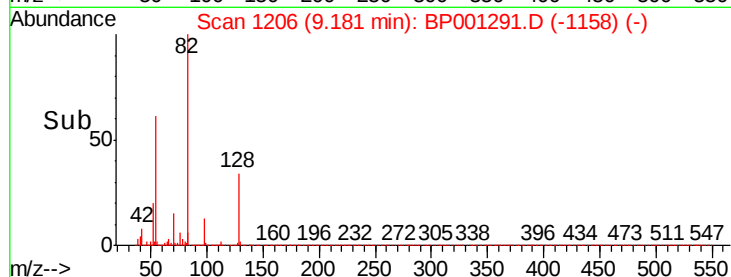
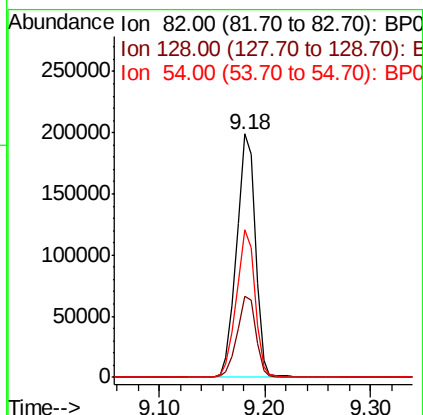
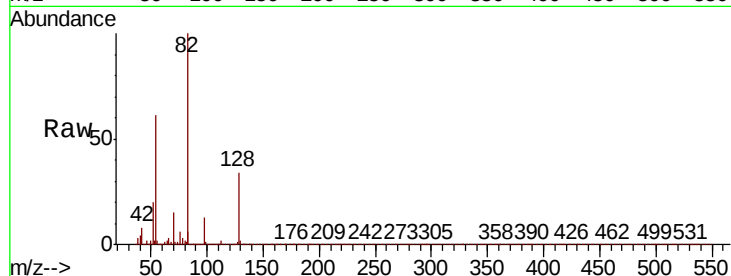




#23
 Nitrobenzene-d5
 Concen: 37.862 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

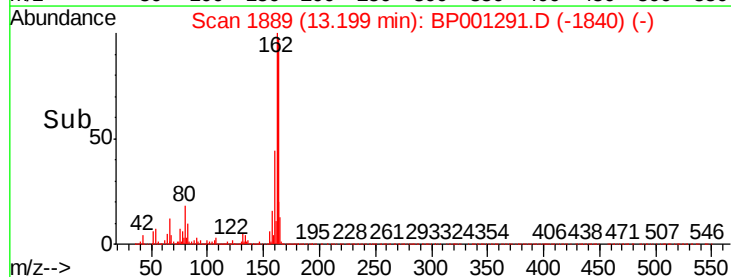
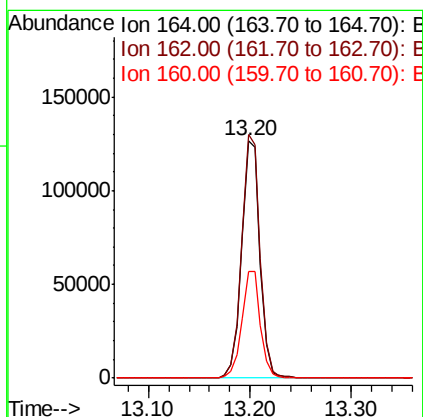
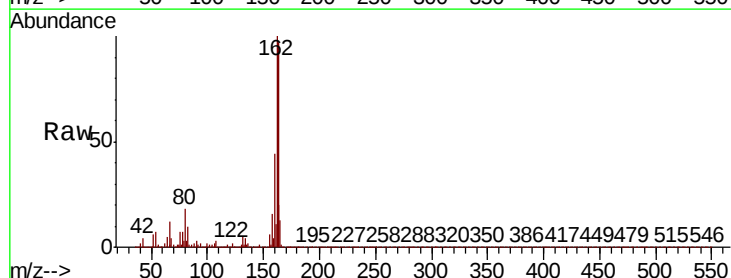
Instrument :
 BNA_P
 ClientSampled :

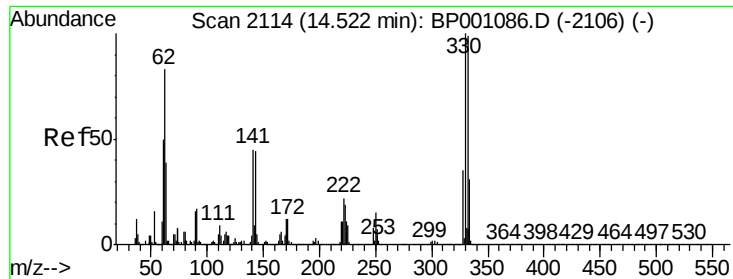
Tot Ion	82	Resp	242315
Ion Ratio	Lower	Upper	
82	100		
128	33.5	27.5	41.3
54	60.5	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Tgt Ion	164	Resp	158265
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.7	121.1
160	44.9	36.3	54.5

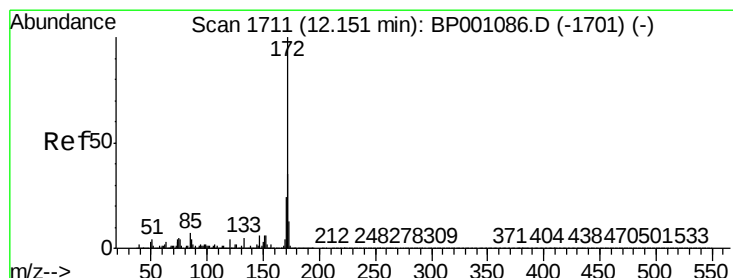
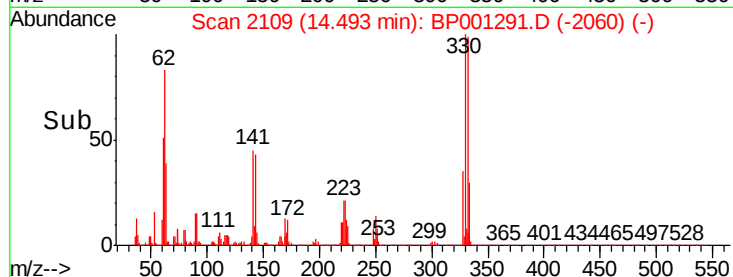
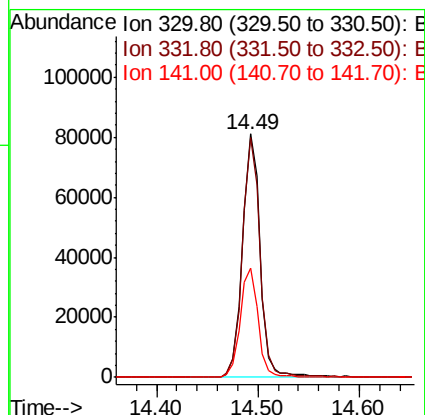
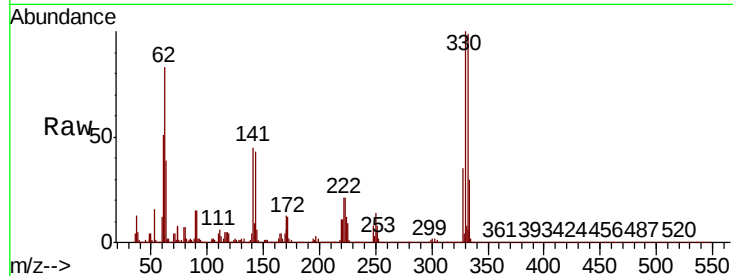




#42
2,4,6-Tribromophenol
Concen: 64.794 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

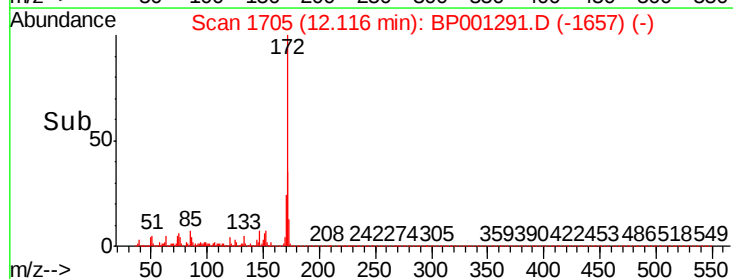
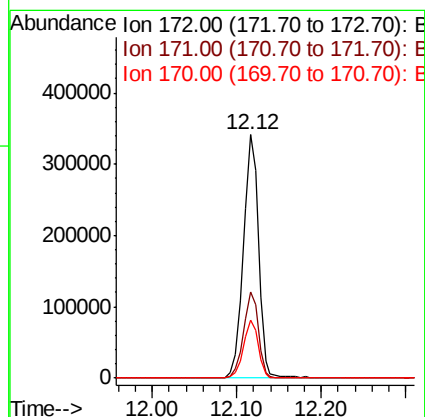
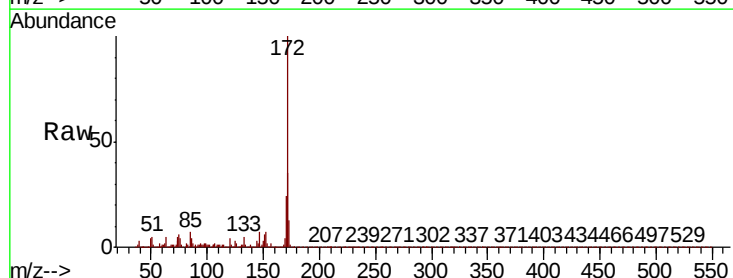
Instrument :
BNA_P
ClientSampleId :

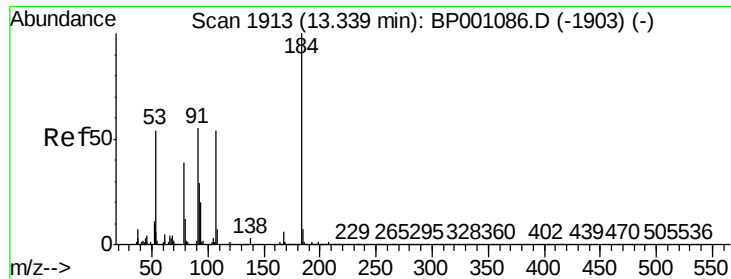
Tot Ion:330 Resp: 98291
Ion Ratio Lower Upper
330 100
332 98.9 79.1 118.7
141 45.7 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 38.774 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

Tgt Ion:172 Resp: 419285
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.7 19.2 28.8

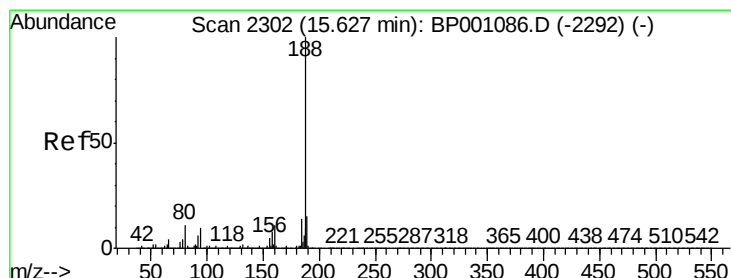
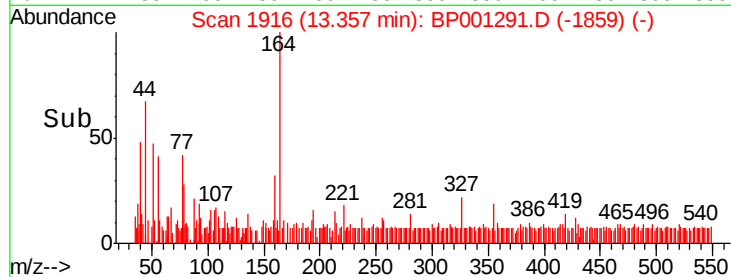
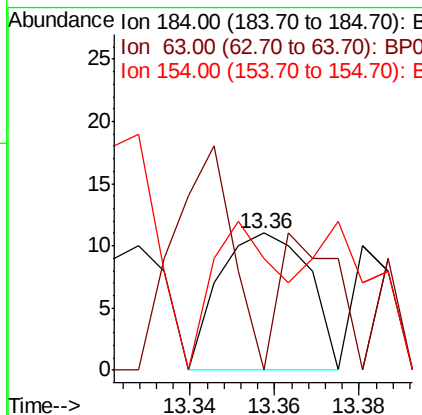
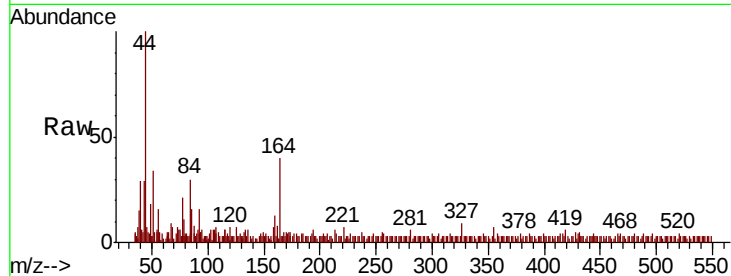




#54
2,4-Dinitrophenol
Concen: 7.123 ng
RT: 13.36 min Scan# 1916
Delta R.T. 0.04 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

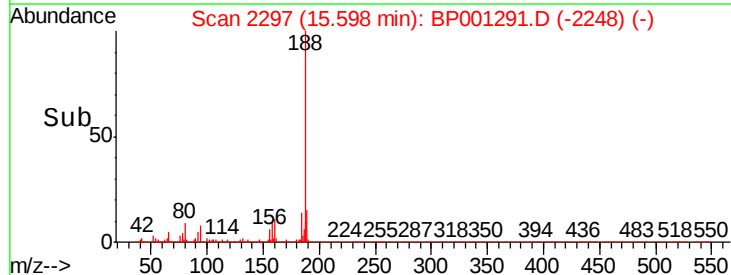
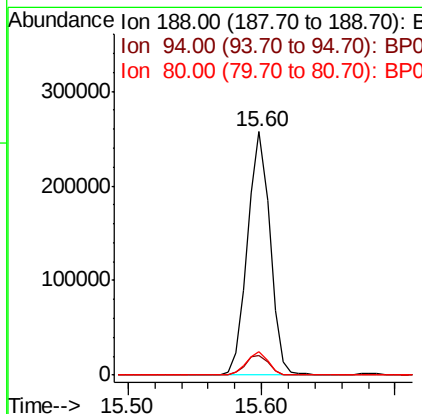
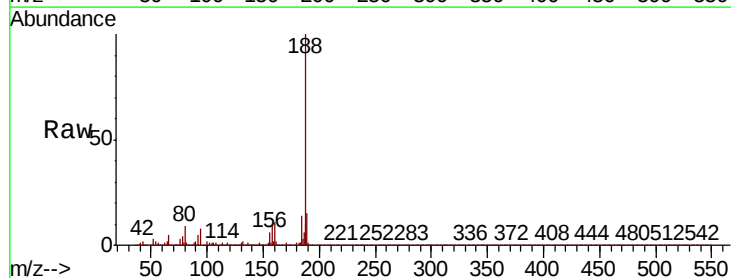
Instrument :
BNA_P
ClientSampled :

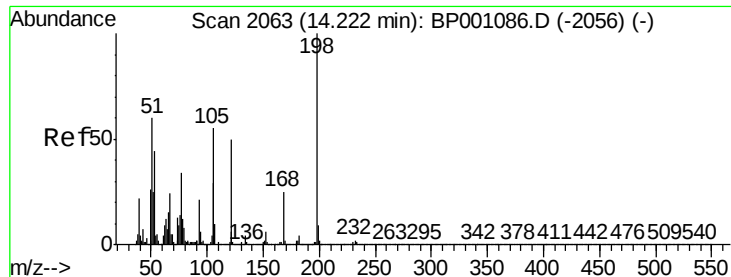
Tot Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 72.7 69.4 104.0
154 81.8 57.4 86.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001291.D
Acq: 10 Dec 2019 01:42

Tgt Ion:188 Resp: 297273
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 9.5 7.8 11.6

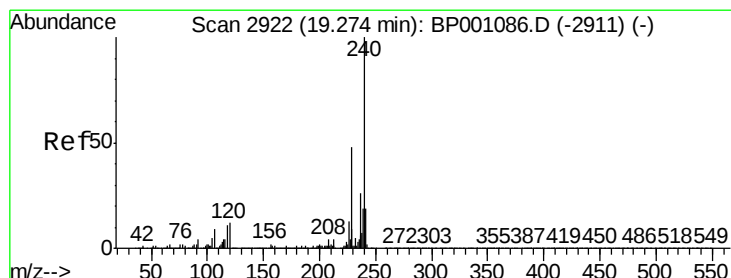
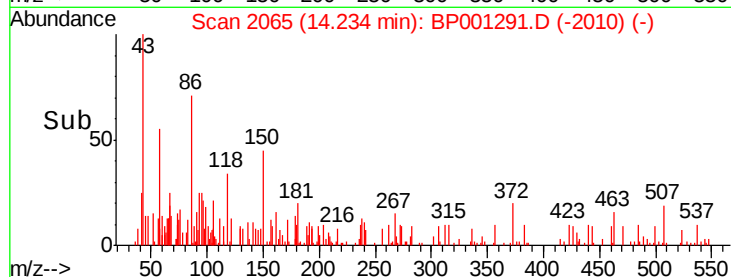
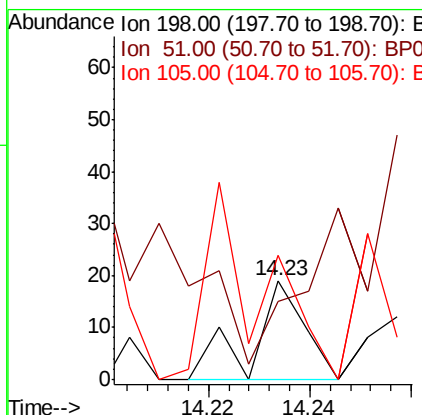
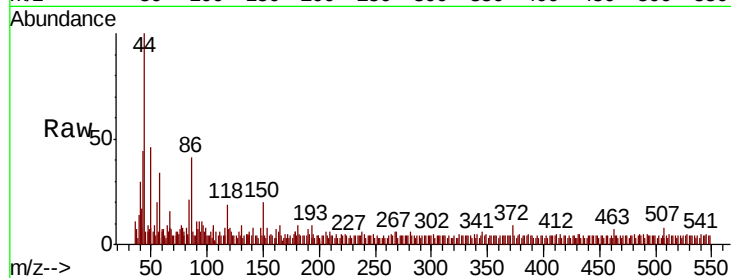




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.285 ng
 RT: 14.23 min Scan# 2065
 Delta R.T. 0.02 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

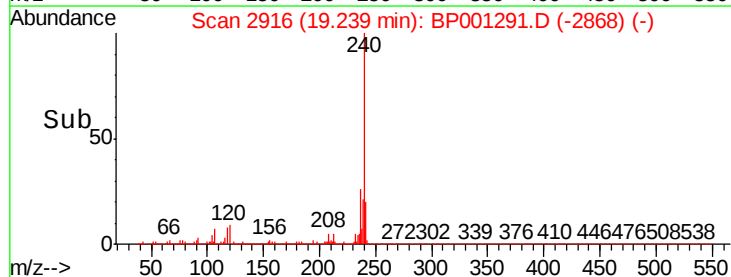
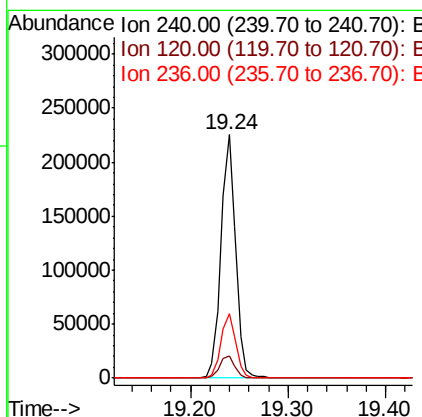
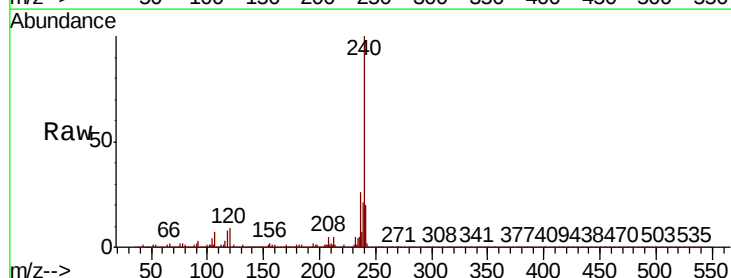
Instrument :
 BNA_P
 ClientSampled :

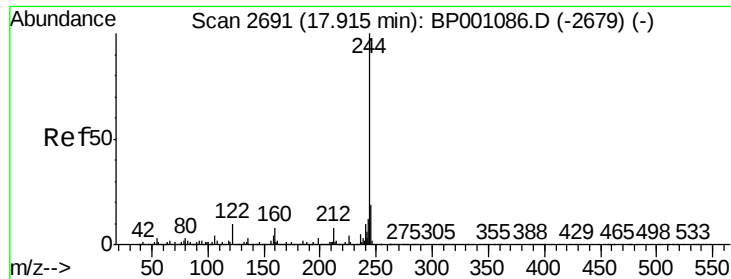
Tot Ion:198 Resp: 13
 Ion Ratio Lower Upper
 198 100
 51 78.9 36.2 76.2#
 105 126.3 30.2 70.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.24 min Scan# 2916
 Delta R.T. -0.02 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Tgt Ion:240 Resp: 235984
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.0 10.6
 236 26.3 21.7 32.5

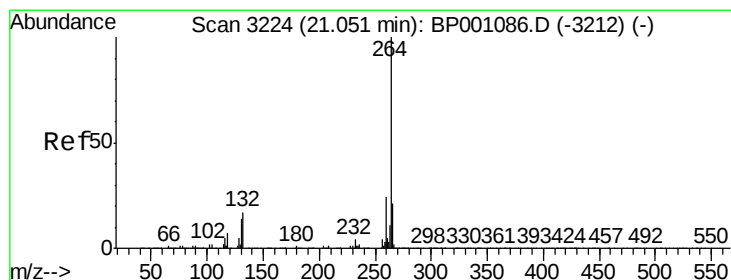
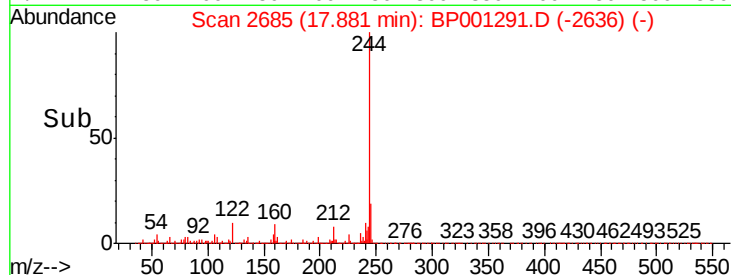
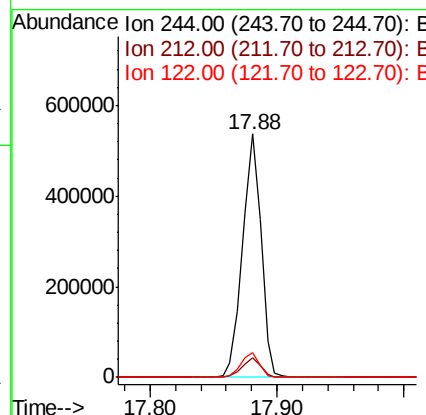
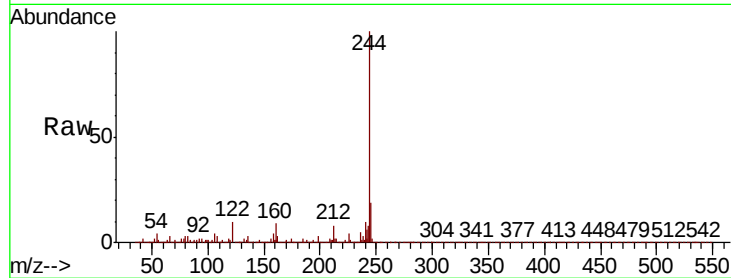




#79
 Terphenyl-d14
 Concen: 42.322 ng
 RT: 17.88 min Scan# 2685
 Delta R.T. -0.01 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	10.0	9.2	13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.01 min Scan# 3217
 Delta R.T. -0.02 min
 Lab File: BP001291.D
 Acq: 10 Dec 2019 01:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.9	17.1	25.7

