

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001299.D
 Acq On : 10 Dec 2019 17:54
 Operator : JU
 Sample : PB125370TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 03:55:32 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

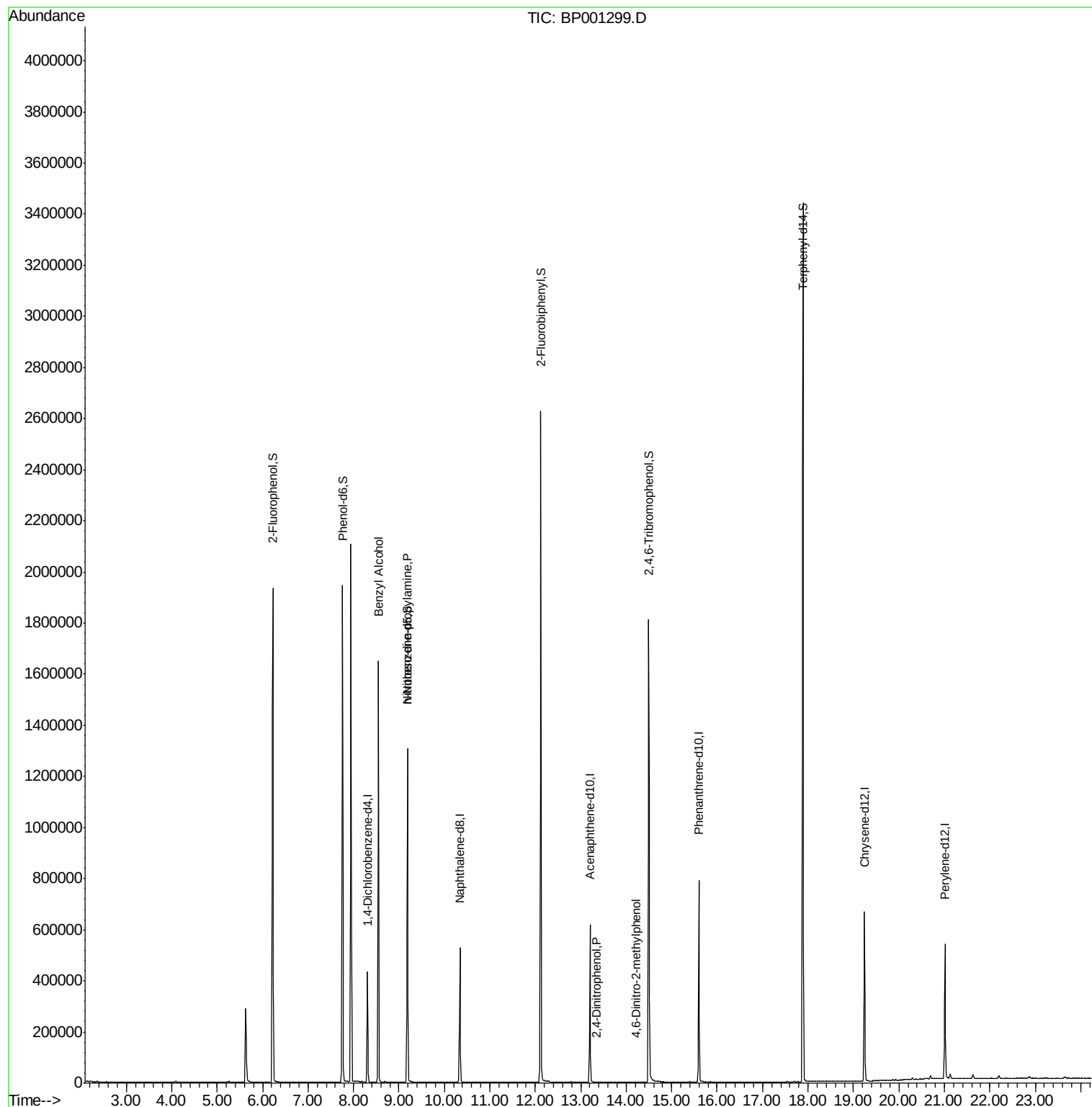
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	70333	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	268125	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	165053	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	343251	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	265344	20.00	ng	-0.02
87) Perylene-d12	21.02	264	270439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	581495	137.17	ng	0.01
7) Phenol-d6	7.76	99	784033	138.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	557780	90.26	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	245077	154.91	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1003453	88.98	ng	-0.01
79) Terphenyl-d14	17.89	244	1360316	94.85	ng	0.00
Target Compounds						
9) Benzaldehyde	7.76	77	1779	Below Cal	Qvalue	
15) Benzyl Alcohol	8.55	79	10876	2.346 ng	#	7
19) n-Nitroso-di-n-propylamine	9.19	70	81863	20.087 ng	#	58
54) 2,4-Dinitrophenol	13.34	184	8	7.116 ng	#	80
65) 4,6-Dinitro-2-methylphenol	14.22	198	20	6.288 ng	#	8

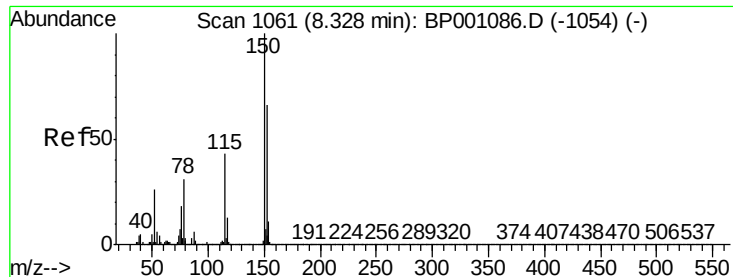
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 03:55:32 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

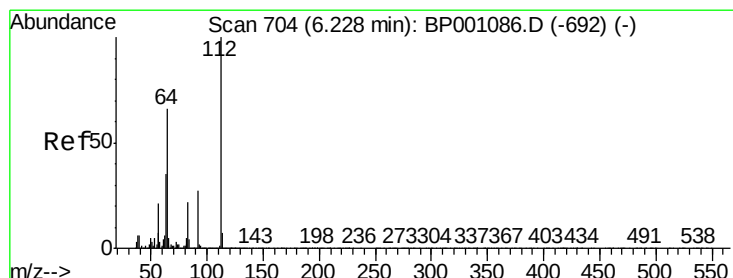
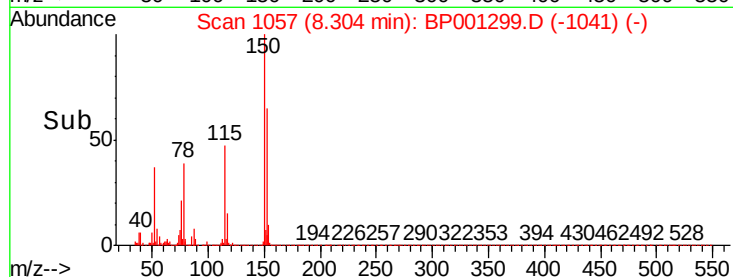
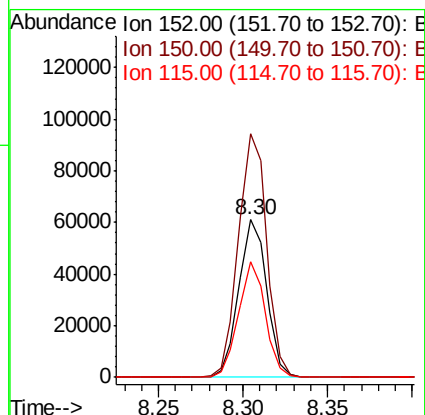
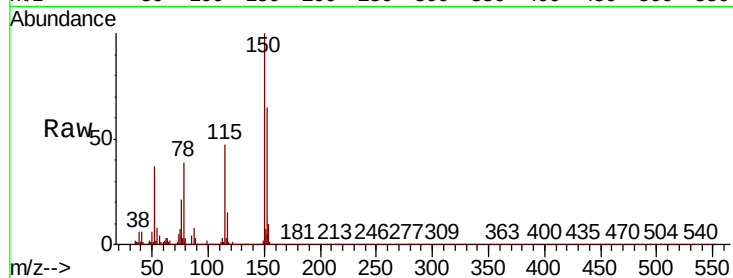




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001299.D
 Acq: 10 Dec 2019 17:54

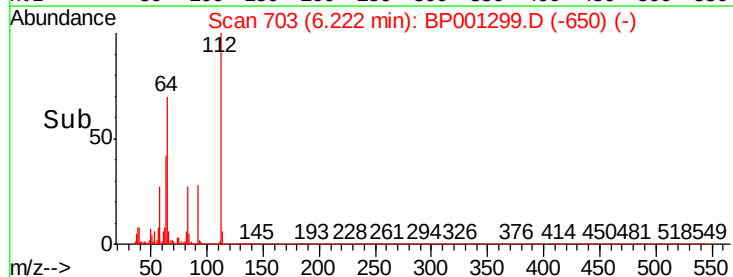
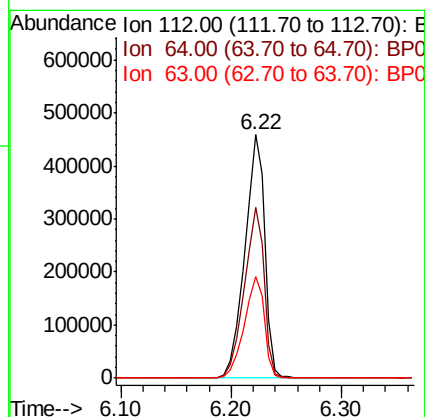
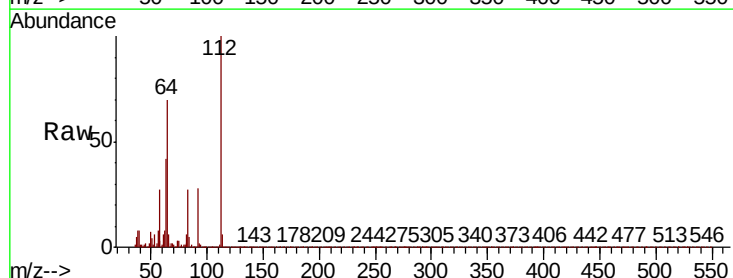
Instrument :
 BNA_P
 ClientSampleId :

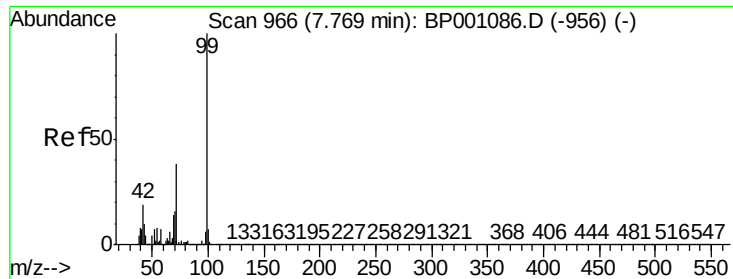
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.3	190.9
115	73.4	56.0	84.0



#5
 2-Fluorophenol
 Concen: 137.169 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001299.D
 Acq: 10 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	56.8	85.2
63	41.6	32.2	48.2





#7

Phenol-d6

Concen: 138.822 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

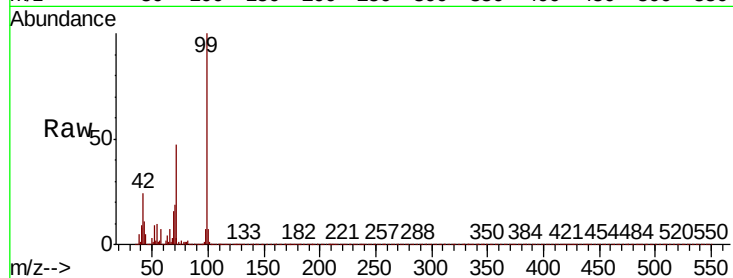
Tot Ion: 99 Resp: 784033

Ion Ratio Lower Upper

99 100

42 23.6 17.6 26.4

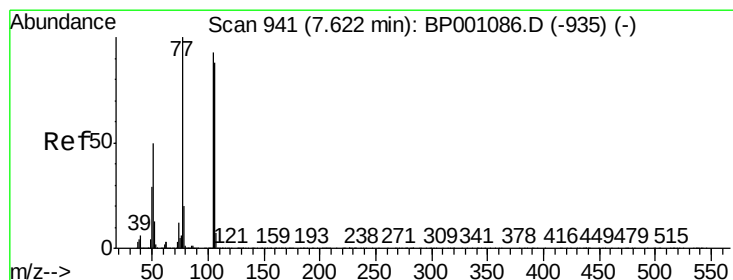
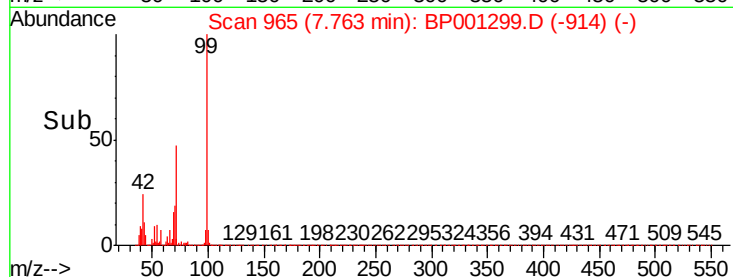
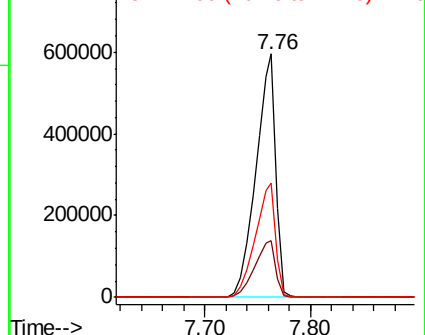
71 46.8 33.8 50.8



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: 7.76 min Scan# 965

Delta R.T. 0.15 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:54

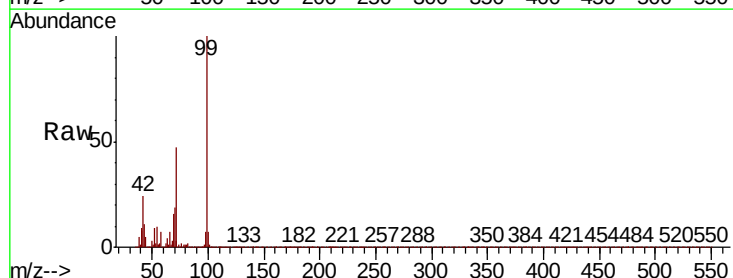
Tgt Ion: 77 Resp: 1779

Ion Ratio Lower Upper

77 100

105 1.5 69.7 109.7#

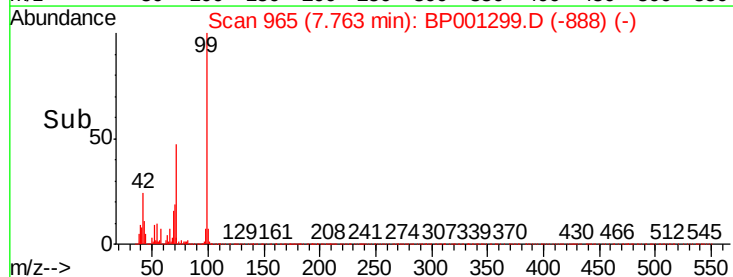
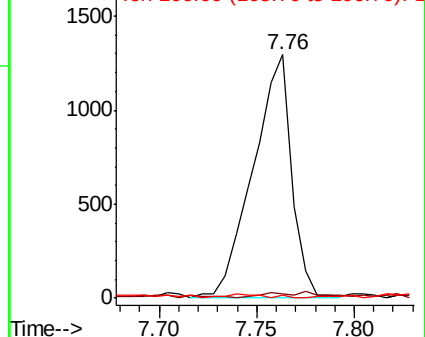
106 1.4 67.1 107.1#

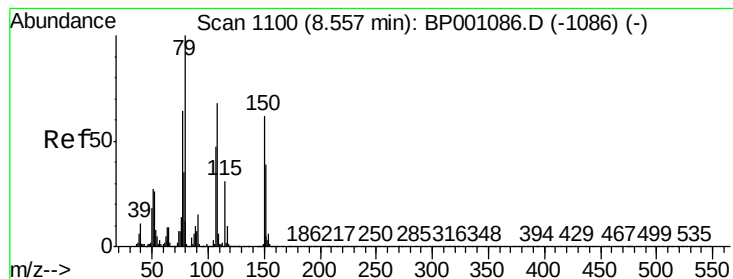


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.346 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

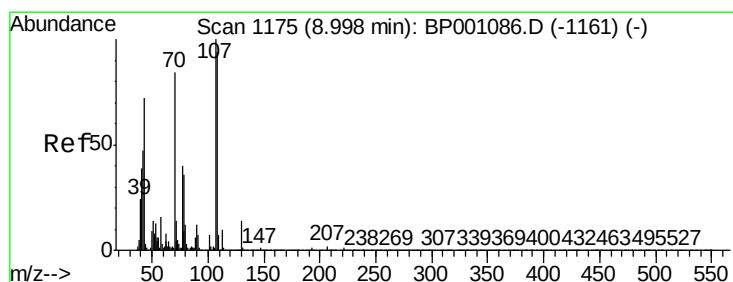
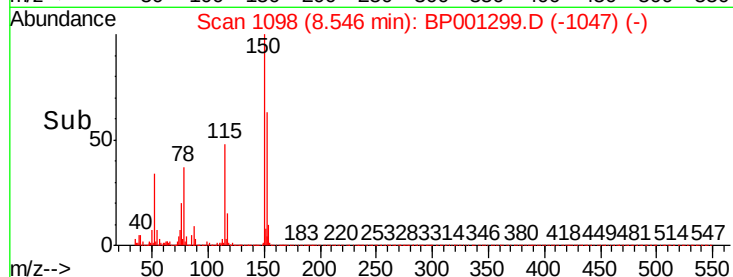
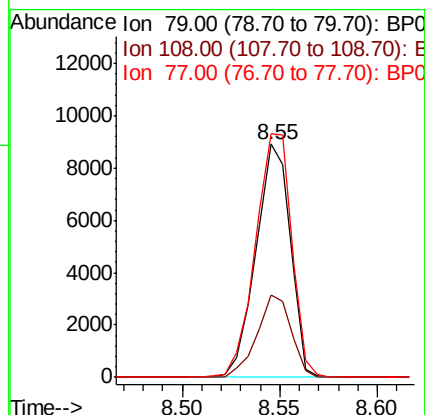
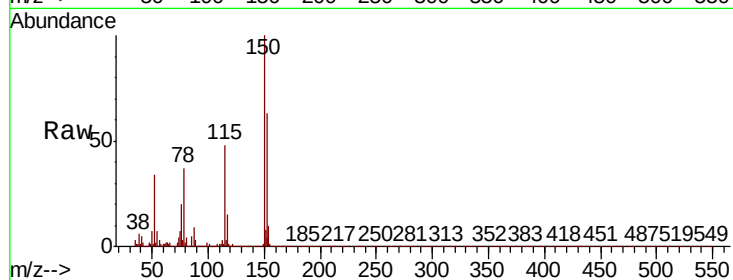
Tot Ion: 79 Resp: 10876

Ion Ratio Lower Upper

79 100

108 35.2 51.6 77.4#

77 104.6 53.5 80.3#



#19

n-Nitroso-di-n-propylamine

Concen: 20.087 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.21 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:54

Tgt Ion: 70 Resp: 81863

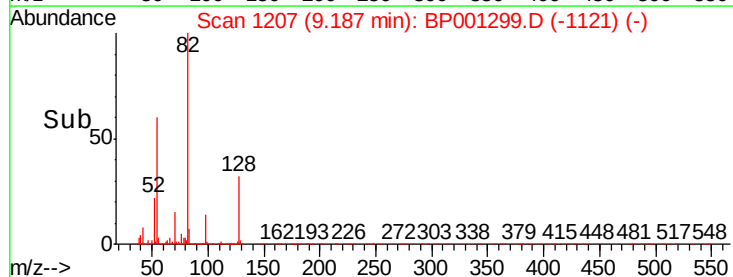
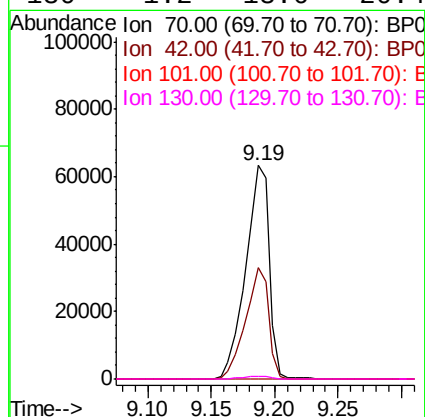
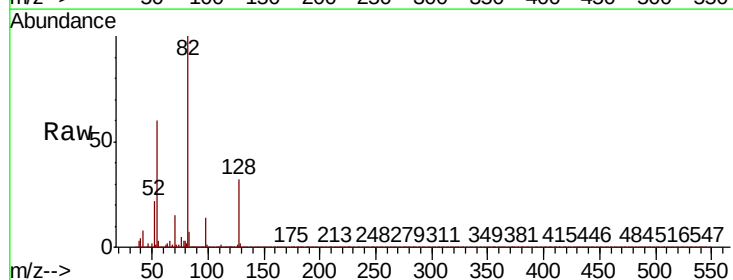
Ion Ratio Lower Upper

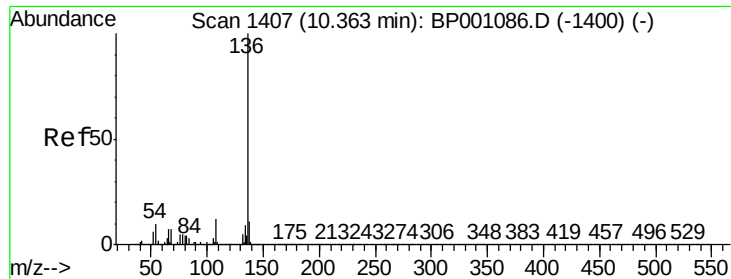
70 100

42 52.2 50.6 76.0

101 0.0 7.1 10.7#

130 1.2 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: BP001299.D

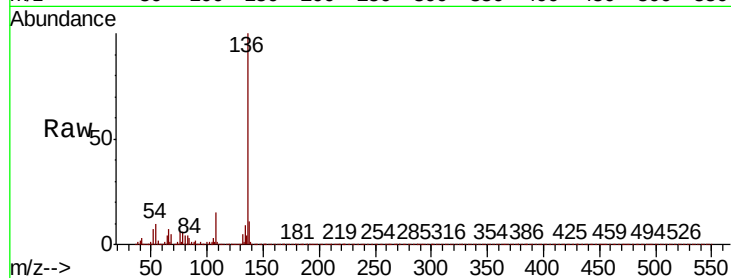
Acq: 10 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136	Resp:	268125
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.4 12.6
54	10.4	7.4 11.0
68	5.3	4.6 7.0

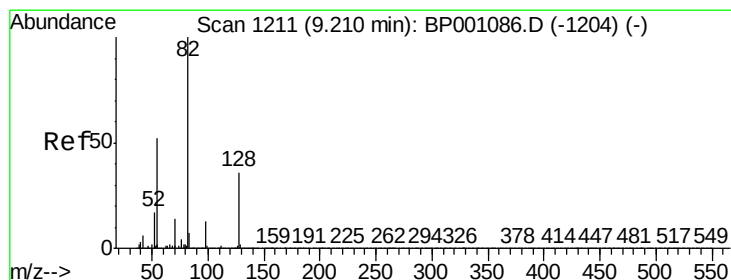
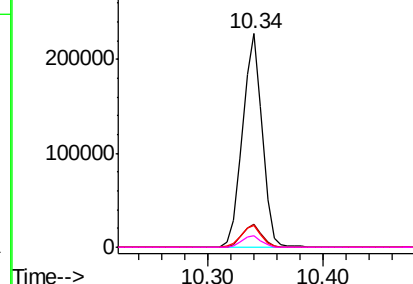
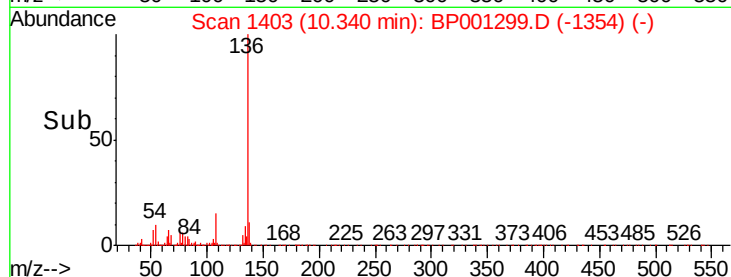


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 90.255 ng

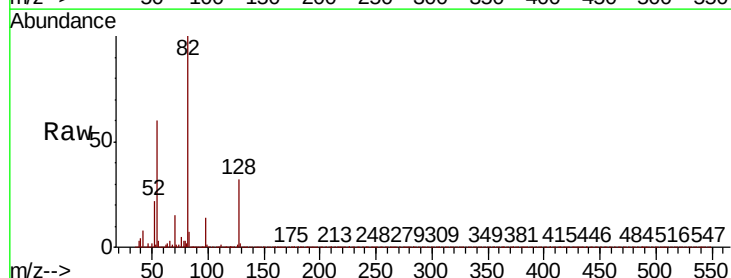
RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:54

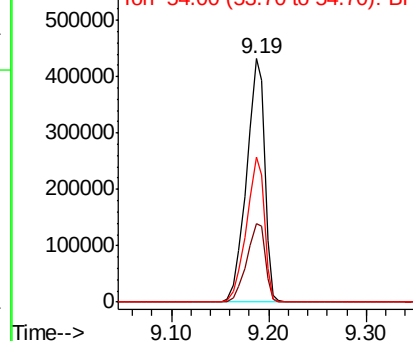
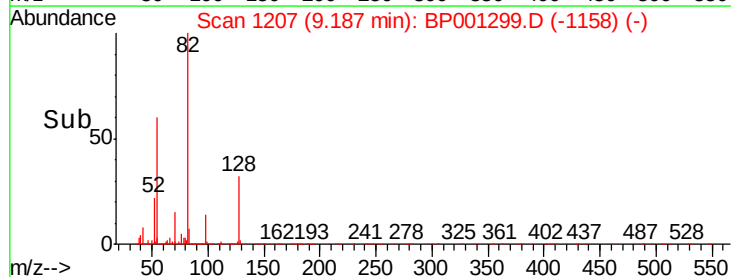
Tgt Ion: 82	Resp:	557780
Ion	Ratio	Lower Upper
82	100	
128	32.3	27.5 41.3
54	59.8	45.7 68.5

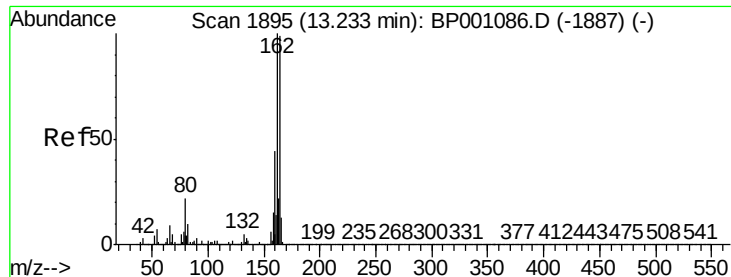


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

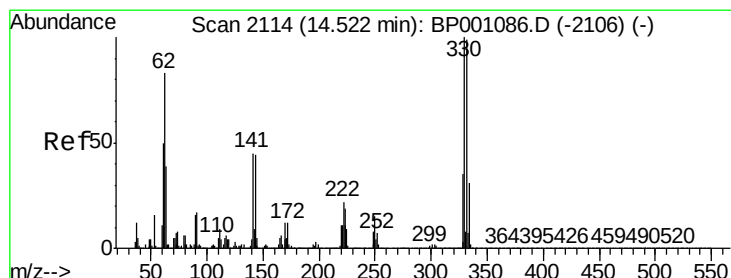
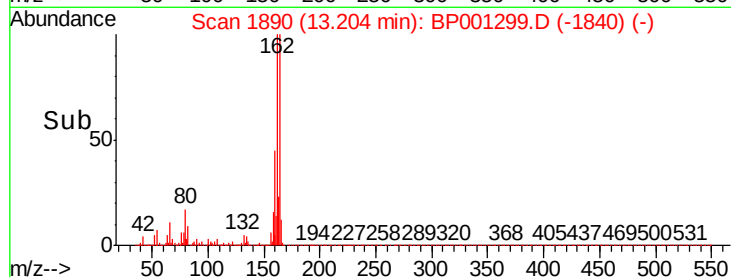
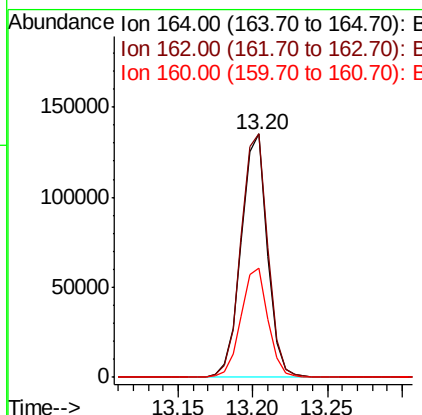
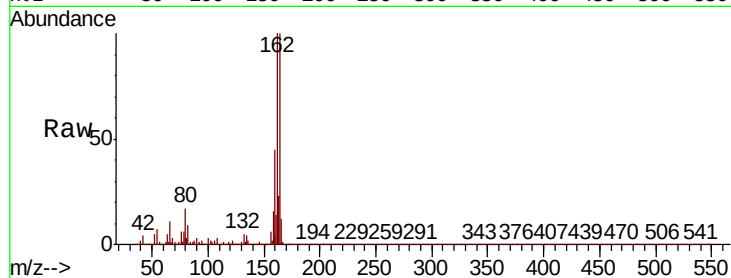




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

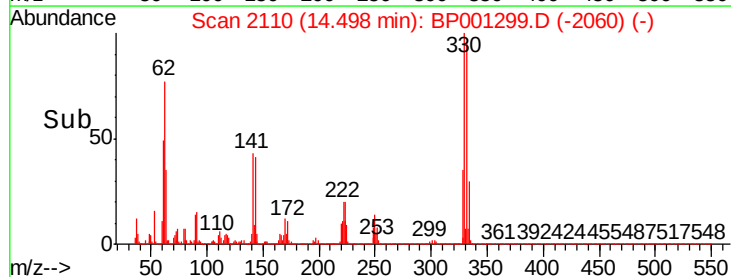
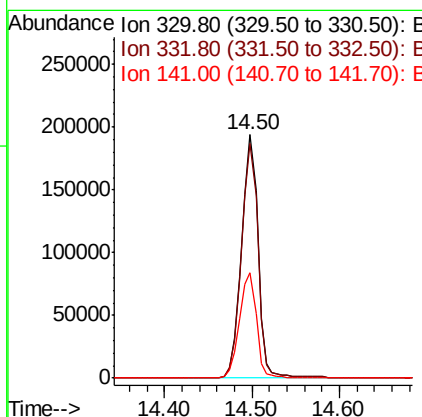
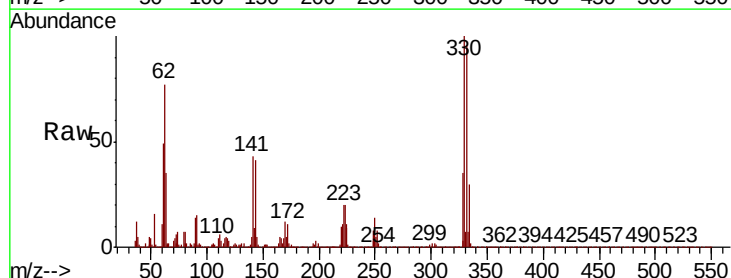
Instrument :
BNA_P
ClientSampleId :

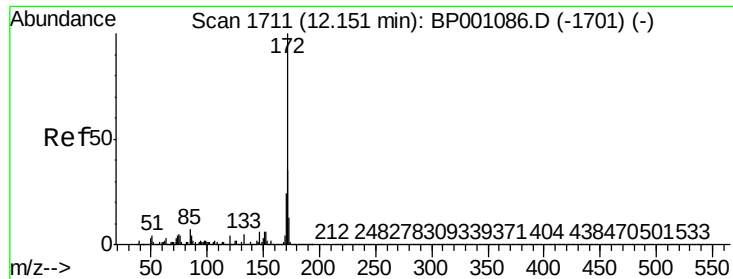
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	44.9	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 154.913 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.1	118.7
141	44.8	35.9	53.9

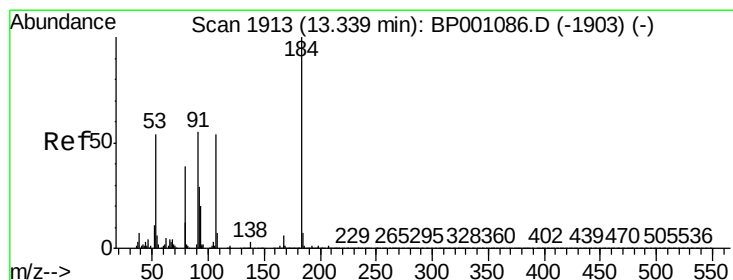
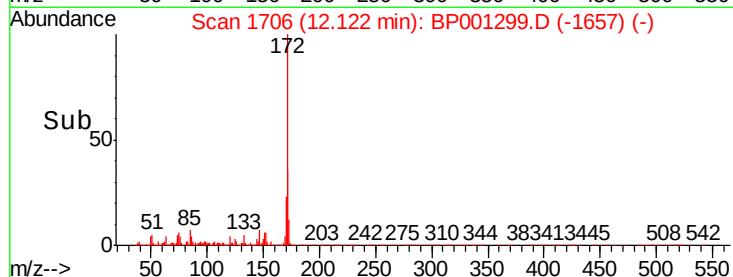
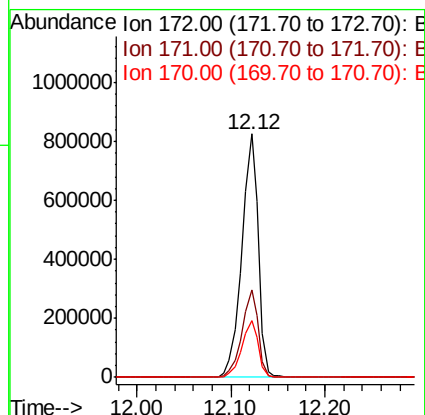
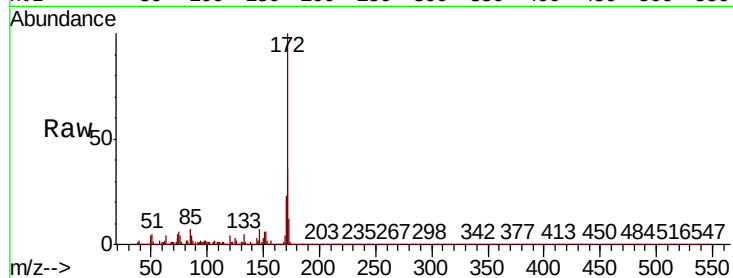




#45
2-Fluorobiphenyl
Concen: 88.979 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

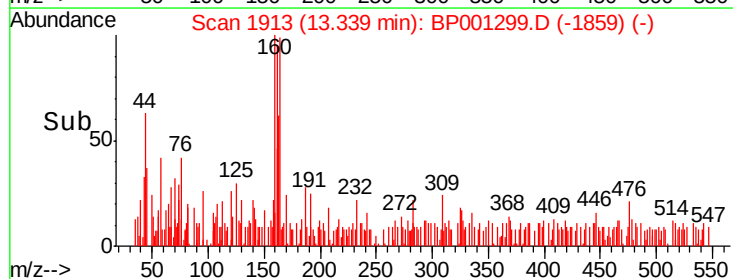
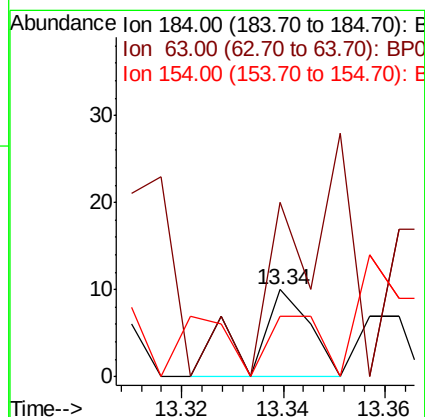
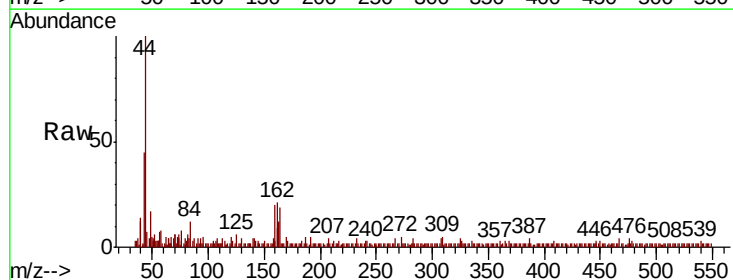
Instrument :
BNA_P
ClientSampleId :

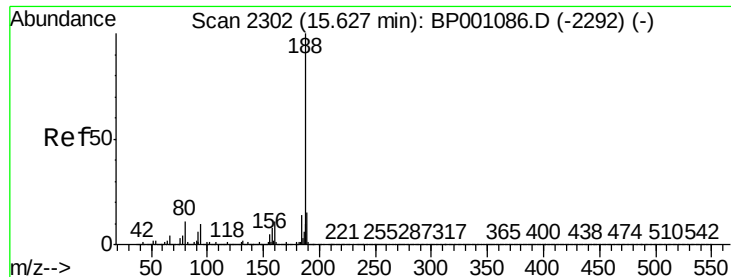
Tot Ion:172 Resp: 1003453
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.4 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.116 ng
RT: 13.34 min Scan# 1913
Delta R.T. 0.02 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 240.0 69.4 104.0#
154 70.0 57.4 86.2

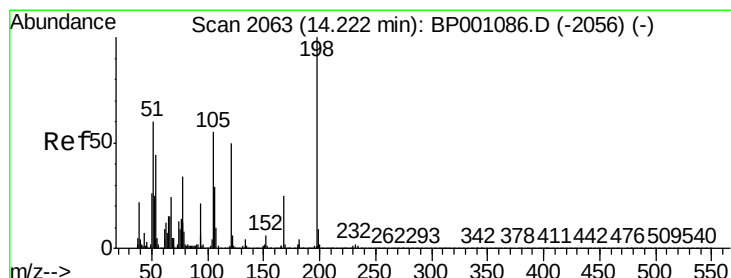
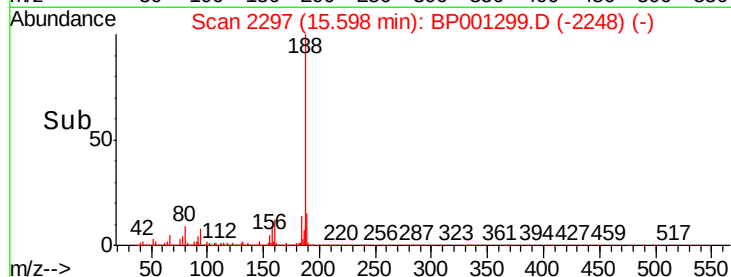
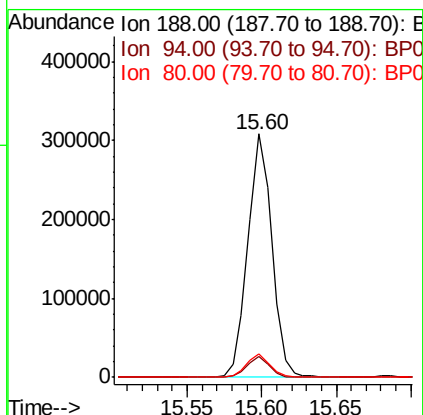
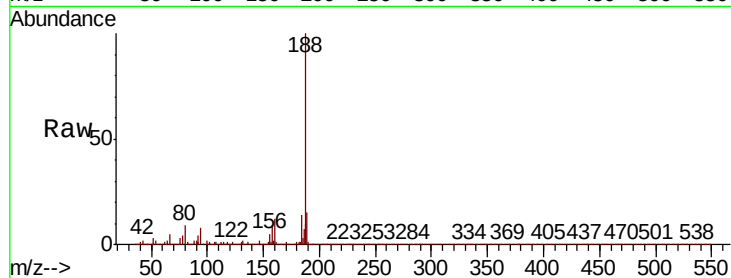




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

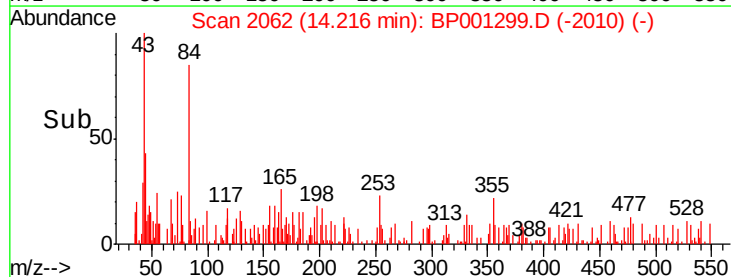
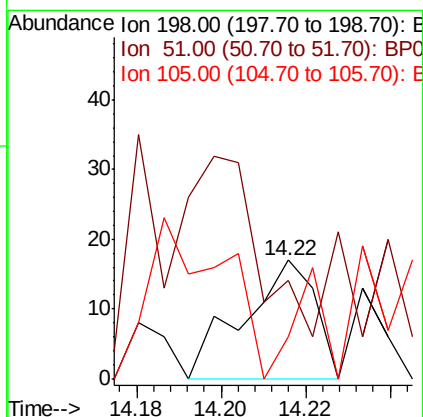
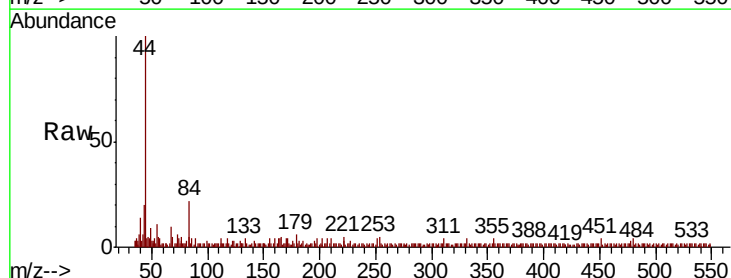
Instrument :
BNA_P
ClientSampleId :

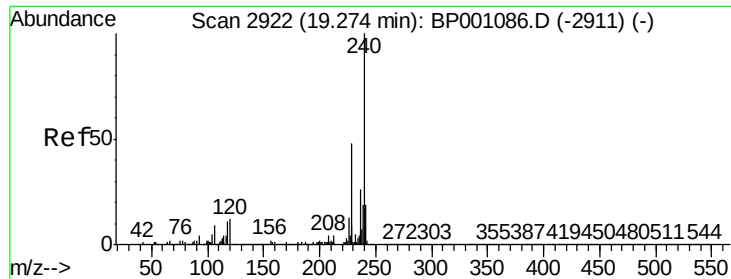
Tot Ion:188 Resp: 343251
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.4 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.288 ng
RT: 14.22 min Scan# 2062
Delta R.T. 0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 141.2 36.2 76.2#
105 35.3 30.2 70.2

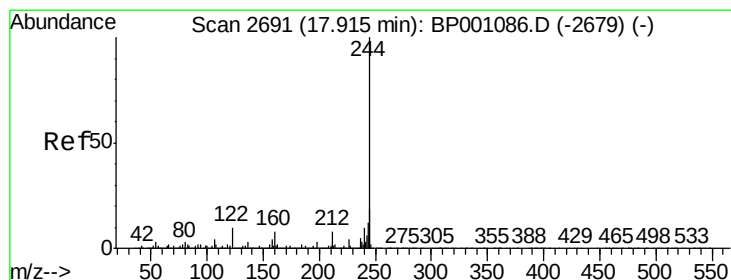
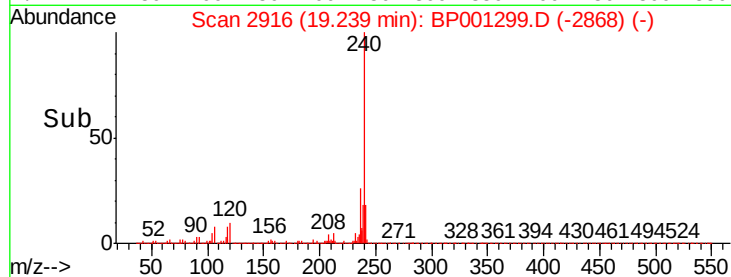
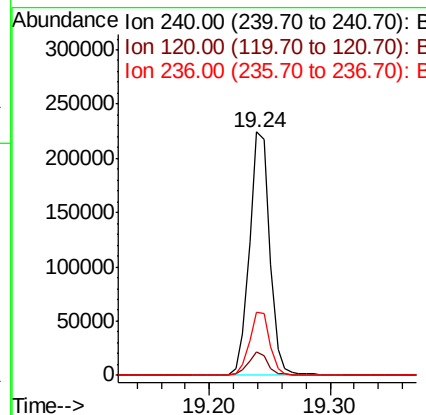
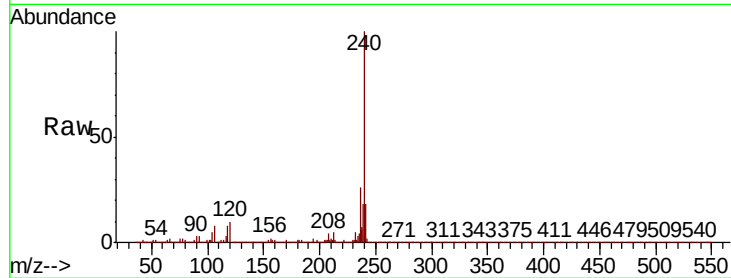




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

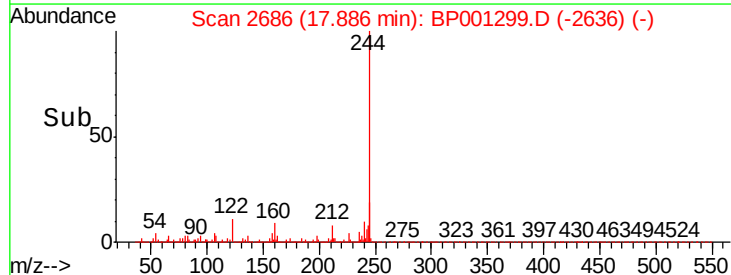
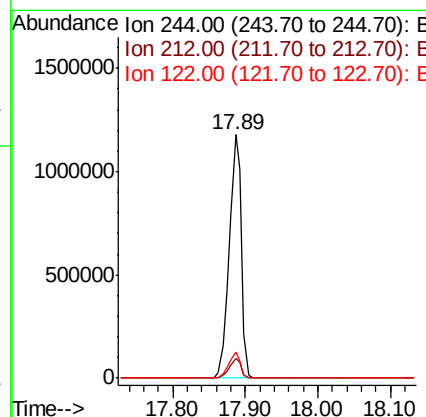
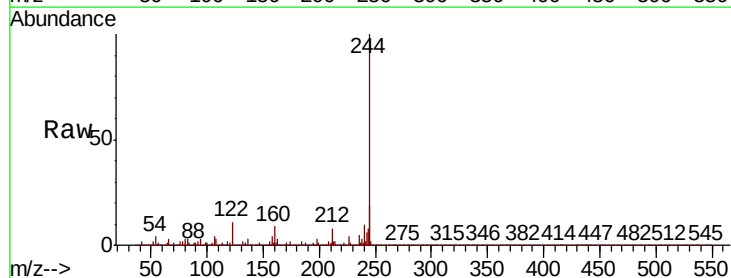
Instrument :
BNA_P
ClientSampleId :

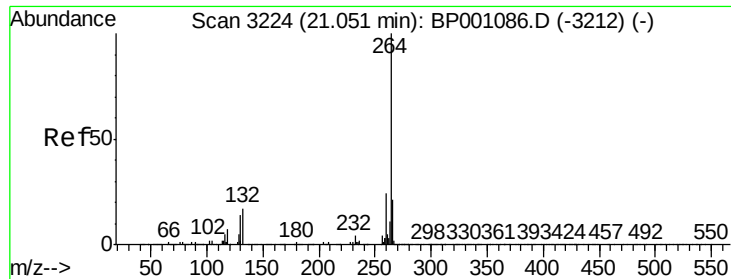
Tot Ion:240 Resp: 265344
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 26.0 21.7 32.5



#79
Terphenyl-d14
Concen: 94.847 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

Tgt Ion:244 Resp: 1360316
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 10.8 9.2 13.8

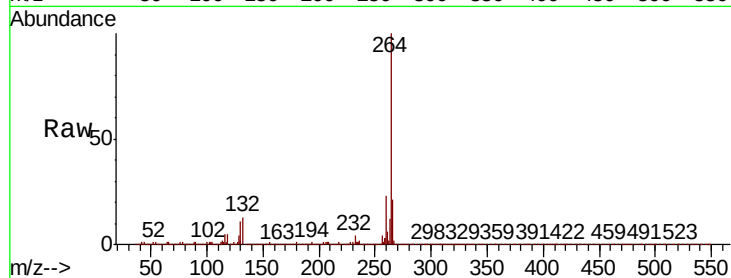




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.4	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

