

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001213.D
 Acq On : 05 Dec 2019 15:58
 Operator : JU
 Sample : K6100-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:04:43 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

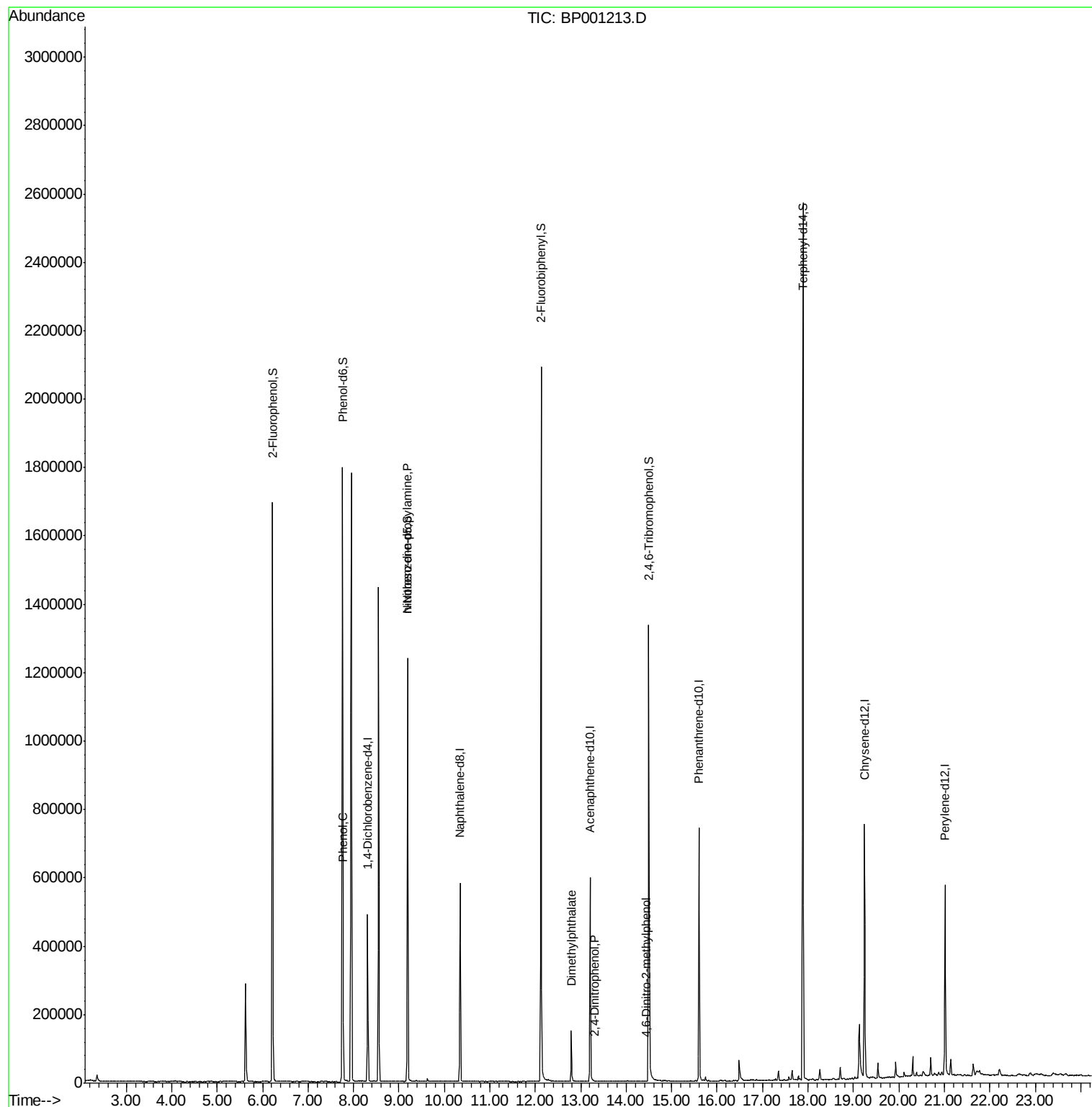
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	79979	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	295836	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	166851	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	338074	20.00	ng	0.00
76) Chrysene-d12	19.25	240	275324	20.00	ng	-0.01
87) Perylene-d12	21.02	264	290729	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	526011	109.12	ng	0.00
7) Phenol-d6	7.76	99	717333	111.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	483488	70.91	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	181804	113.68	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	771333	67.66	ng	0.00
79) Terphenyl-d14	17.89	244	954450	64.14	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	161	Below Cal		81
10) Phenol	7.78	94	34246	4.688 ng		81
19) n-Nitroso-di-n-propylamine	9.19	70	69428	14.981 ng	#	79
50) Dimethylphthalate	12.79	163	70896	5.681 ng		99
54) 2,4-Dinitrophenol	13.31	184	11	7.118 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.43	198	15	6.285 ng		93

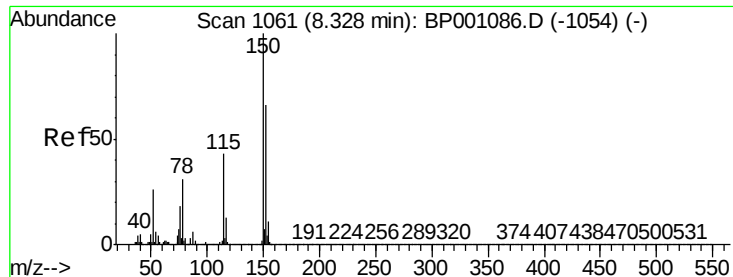
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
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QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

Instrument :

BNA_P

ClientSampleId :

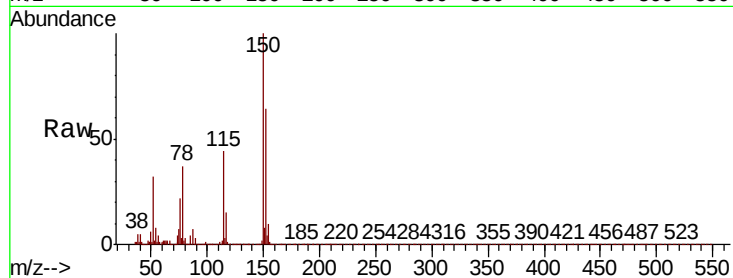
Tot Ion:152 Resp: 79979

Ion Ratio Lower Upper

152 100

150 157.3 127.3 190.9

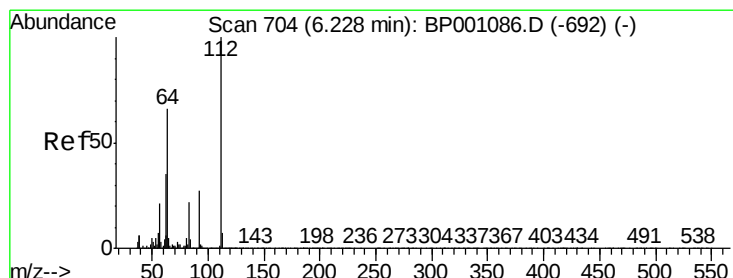
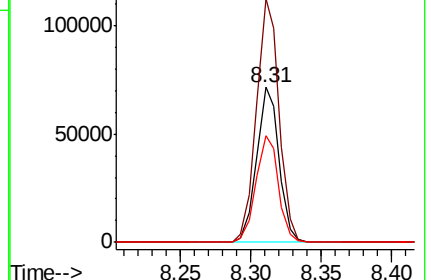
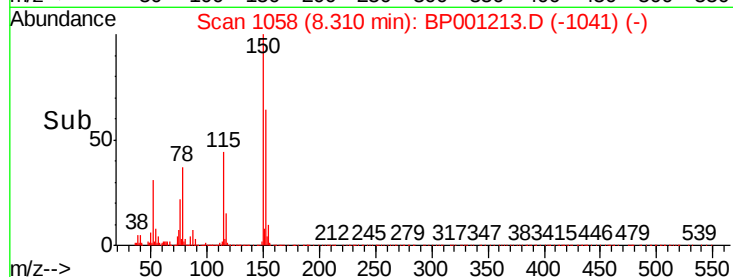
115 69.2 56.0 84.0



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: 109.116 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

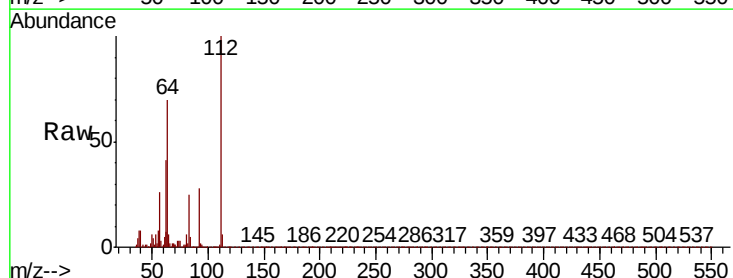
Tgt Ion:112 Resp: 526011

Ion Ratio Lower Upper

112 100

64 70.3 56.8 85.2

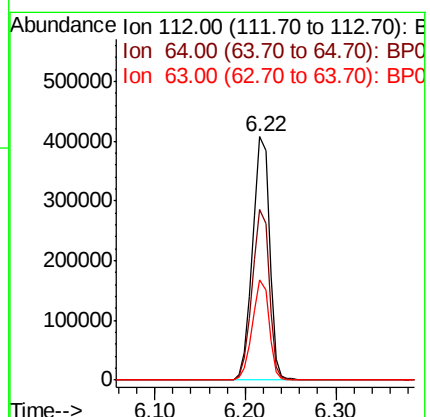
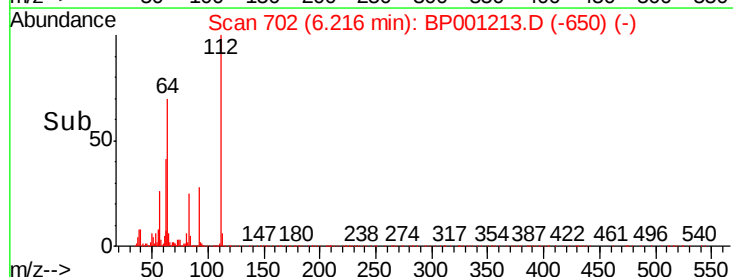
63 41.2 32.2 48.2

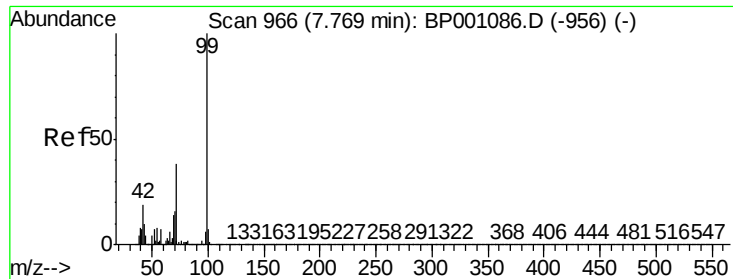


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.693 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

Instrument :

BNA_P

ClientSampleId :

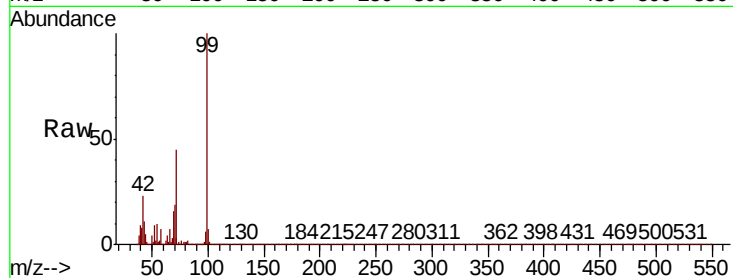
Tot Ion: 99 Resp: 717333

Ion Ratio Lower Upper

99 100

42 22.9 17.6 26.4

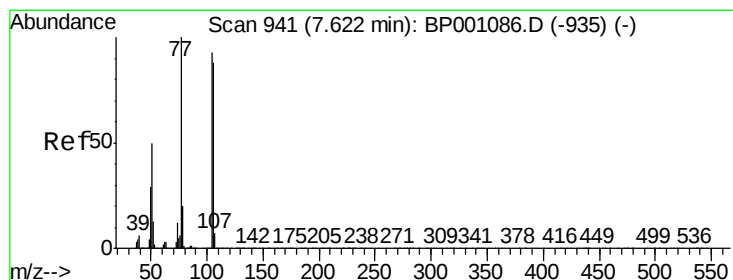
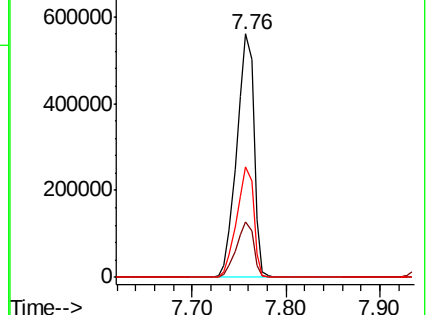
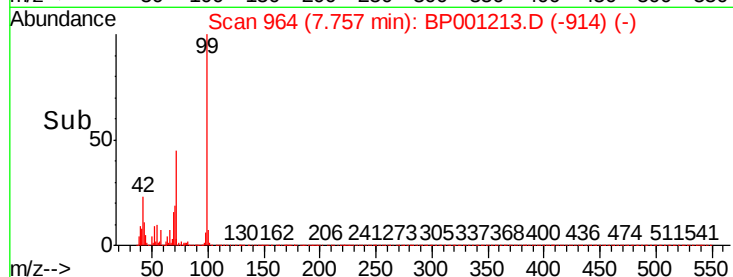
71 45.3 33.8 50.8



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: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

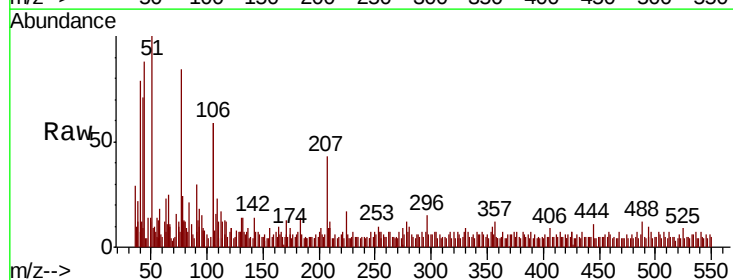
Tgt Ion: 77 Resp: 161

Ion Ratio Lower Upper

77 100

105 69.8 69.7 109.7

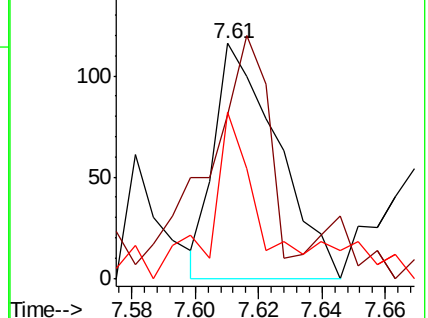
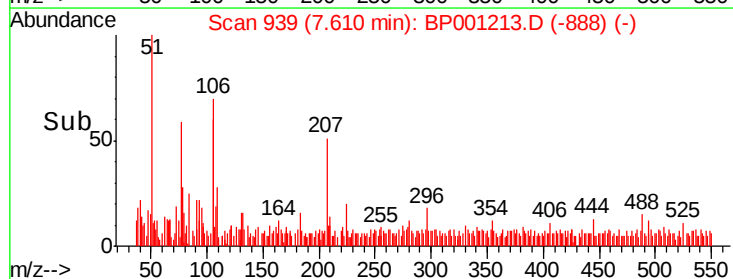
106 70.7 67.1 107.1

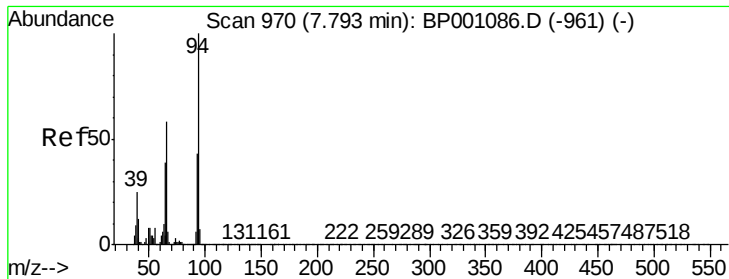


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.688 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

Instrument :

BNA_P

ClientSampleId :

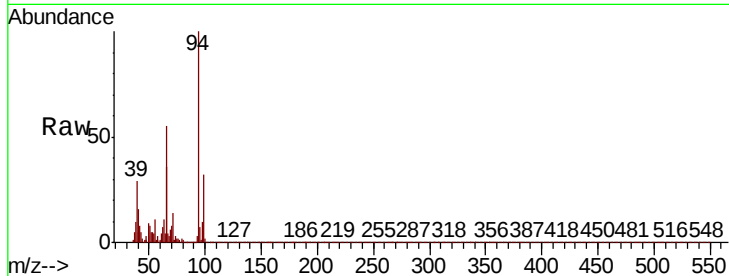
Tot Ion: 94 Resp: 34246

Ion Ratio Lower Upper

94 100

65 36.3 25.6 65.6

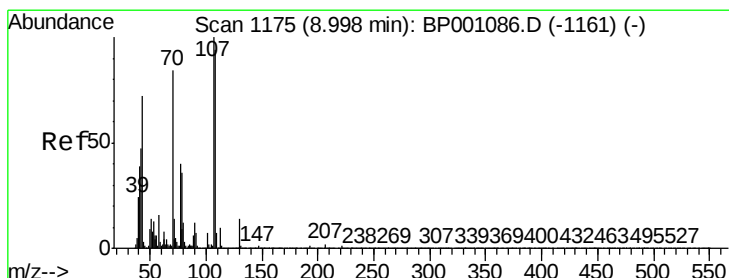
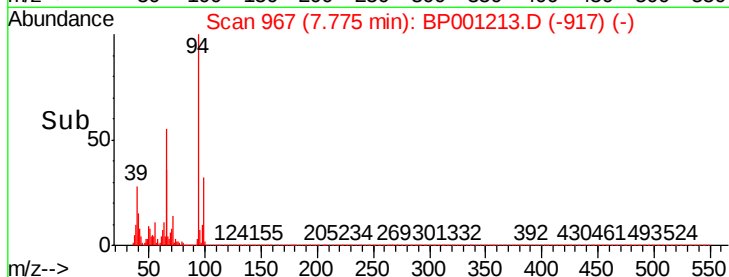
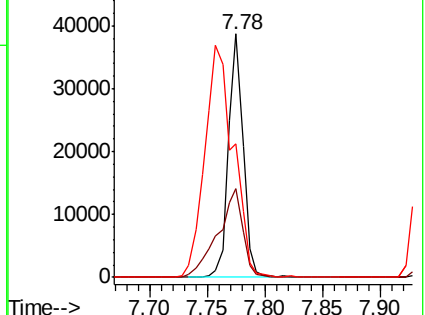
66 54.8 52.6 92.6



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 14.981 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001213.D

Acq: 05 Dec 2019 15:58

Tgt Ion: 70 Resp: 69428

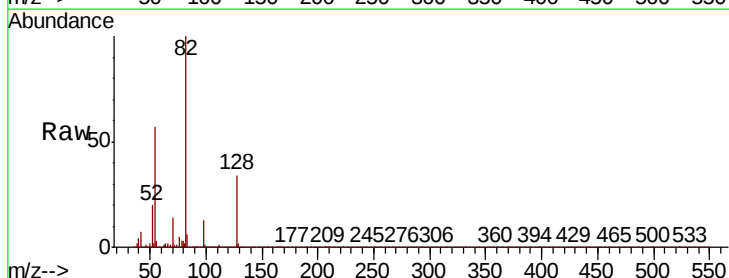
Ion Ratio Lower Upper

70 100

42 50.7 50.6 76.0

101 0.0 7.1 10.7#

130 1.5 13.6 20.4#

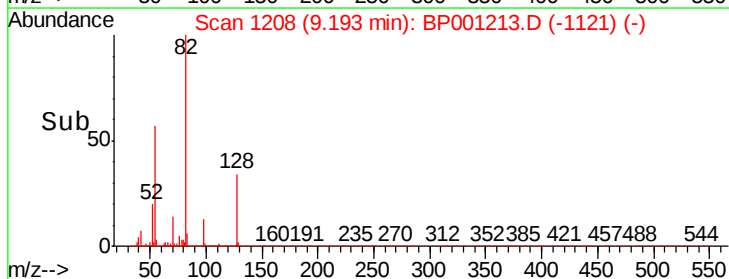
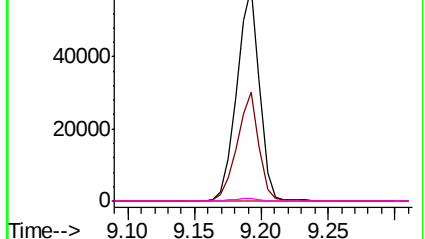


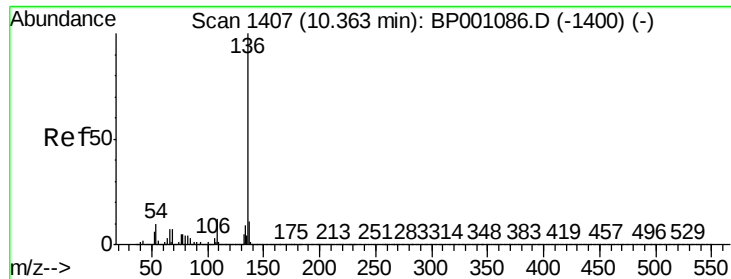
Abundance Ion 70.00 (69.70 to 70.70): BP0

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

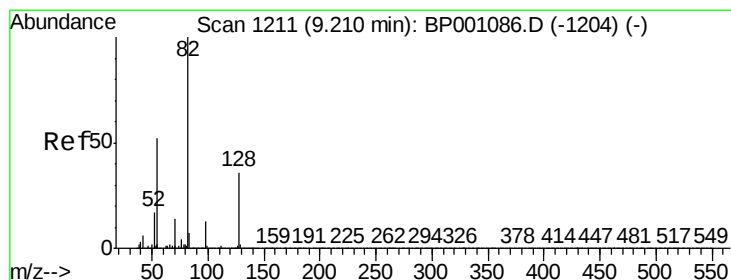
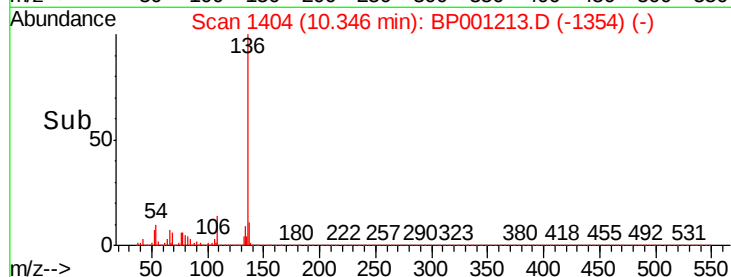
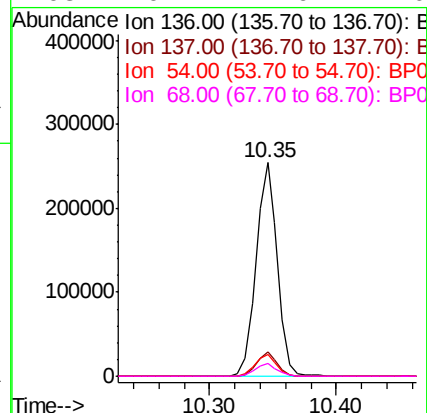
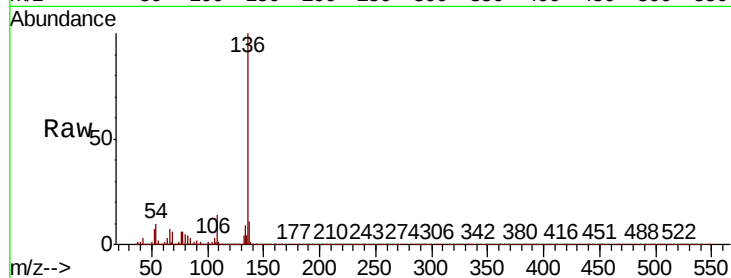




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

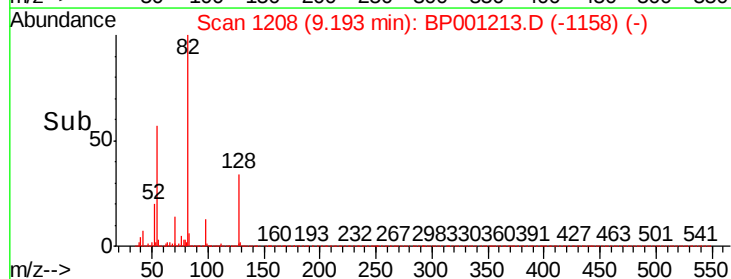
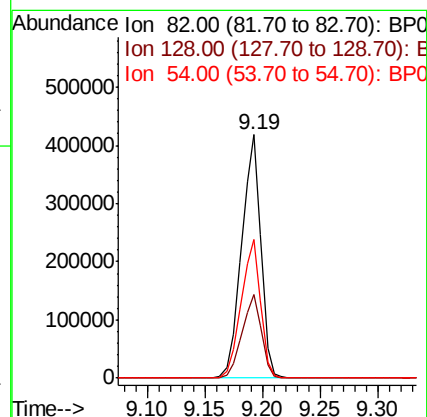
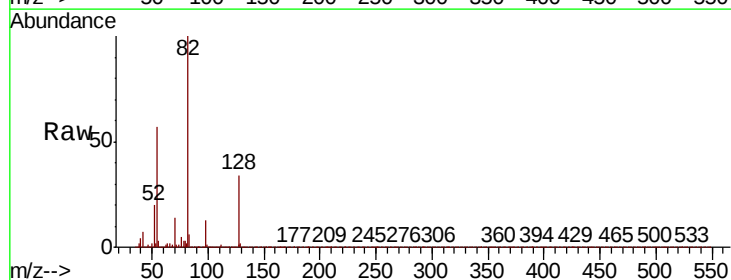
Instrument :
BNA_P
ClientSampleId :

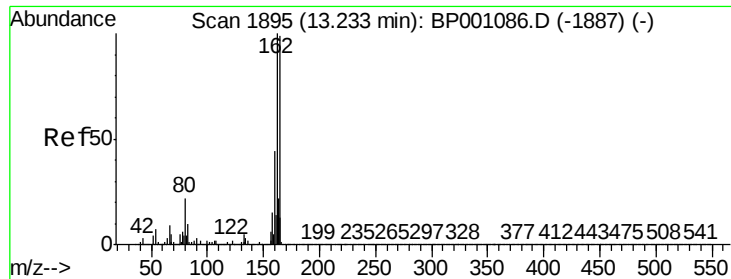
Tot Ion:136	Resp:	295836
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.4 12.6
54	10.3	7.4 11.0
68	6.2	4.6 7.0



#23
Nitrobenzene-d5
Concen: 70.906 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

Tgt Ion: 82	Resp:	483488
Ion	Ratio	Lower Upper
82	100	
128	34.3	27.5 41.3
54	56.9	45.7 68.5

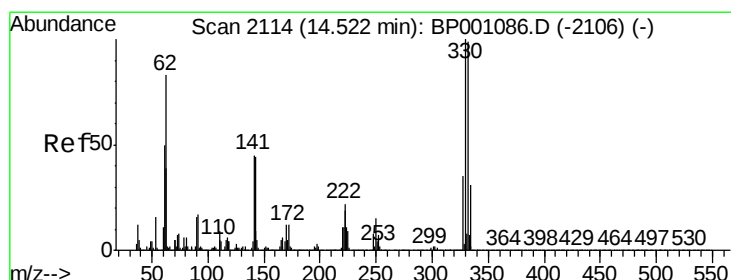
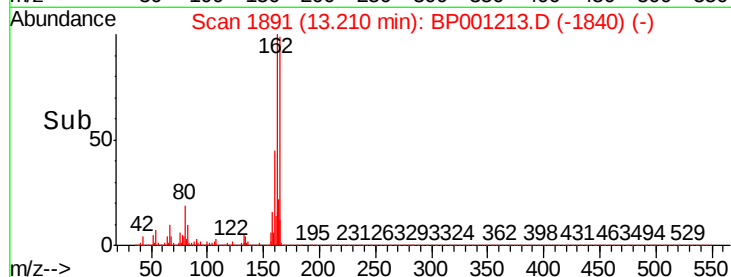
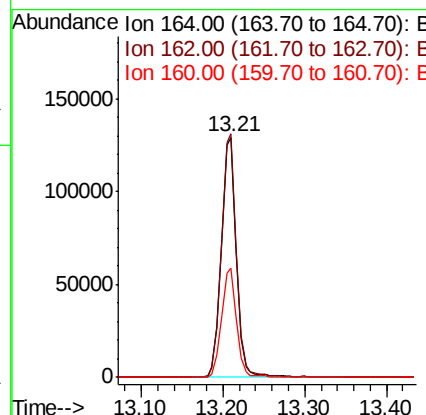
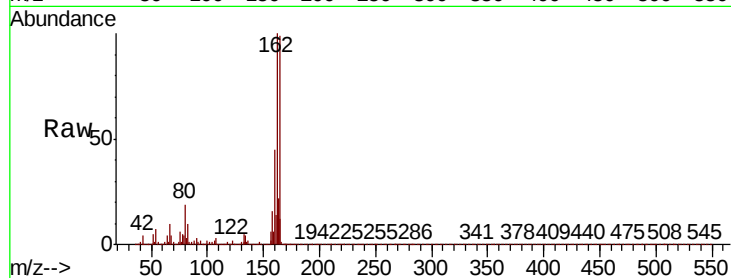




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

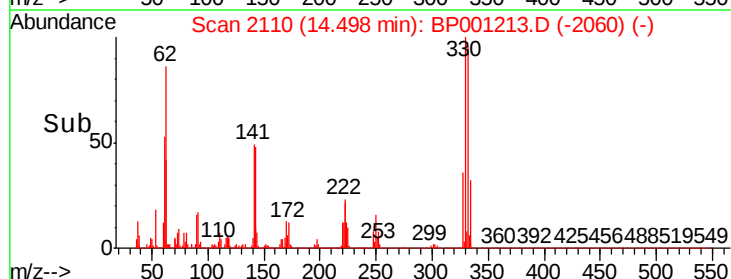
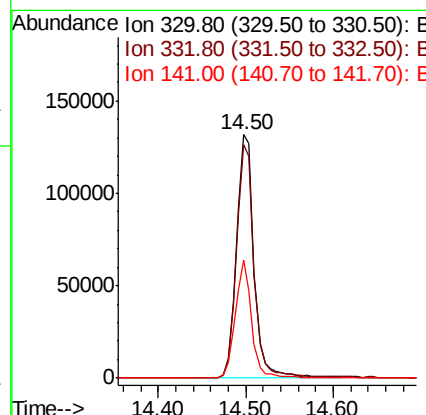
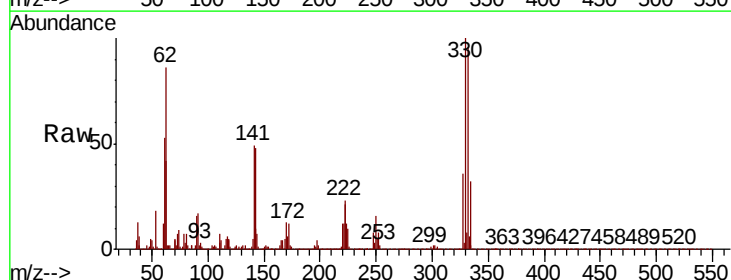
Instrument :
BNA_P
ClientSampleId :

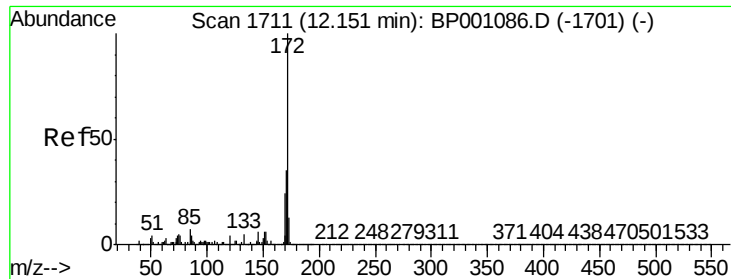
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.7	121.1
160	45.2	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 113.680 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	45.3	35.9	53.9

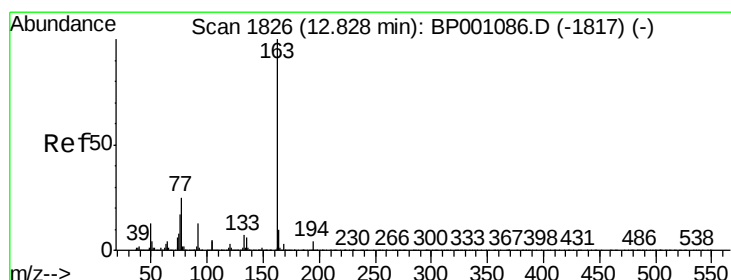
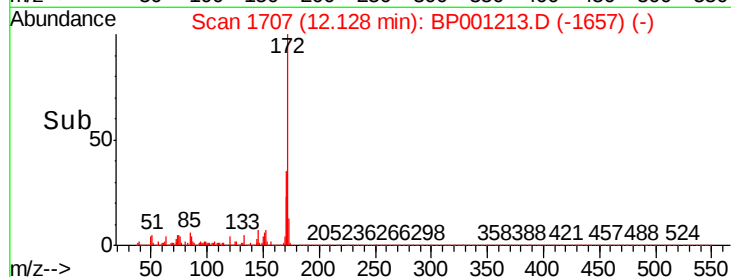
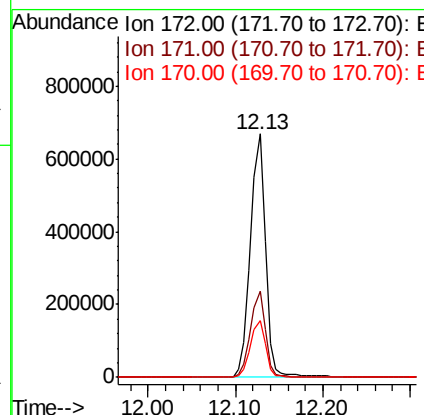
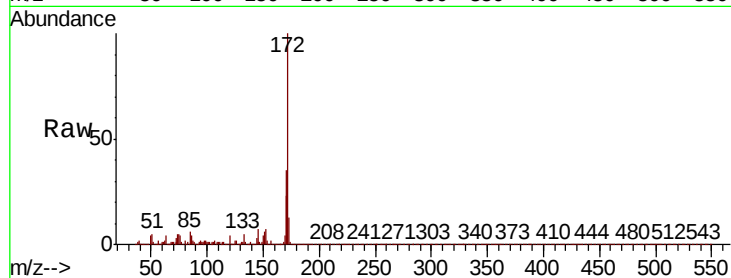




#45
2-Fluorobiphenyl
Concen: 67.659 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

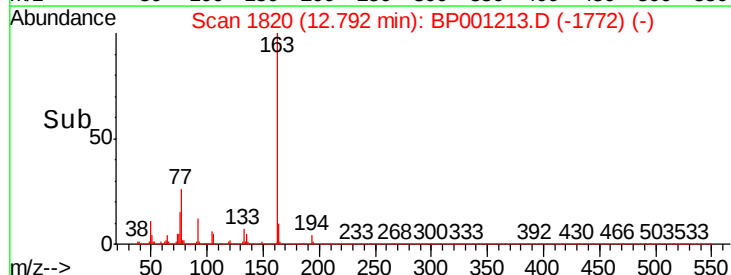
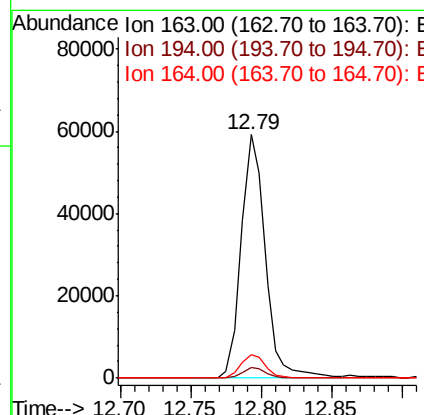
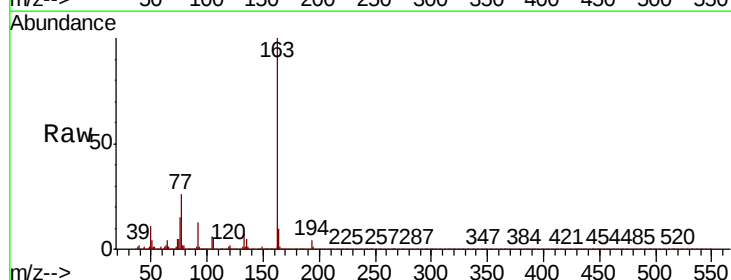
Instrument :
BNA_P
ClientSampleId :

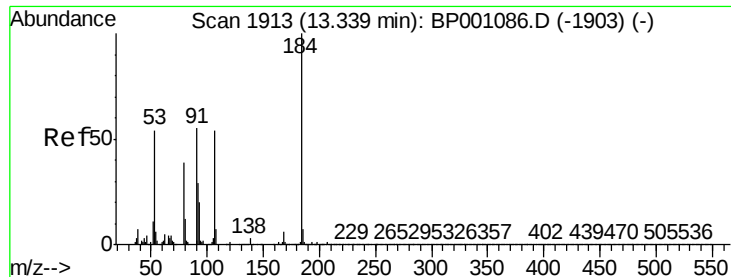
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.4	19.2	28.8



#50
Dimethylphthalate
Concen: 5.681 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.7	8.2	12.4

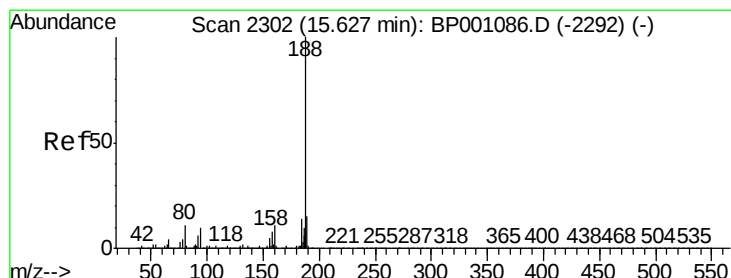
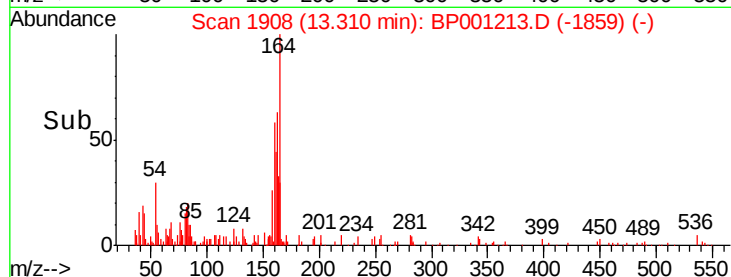
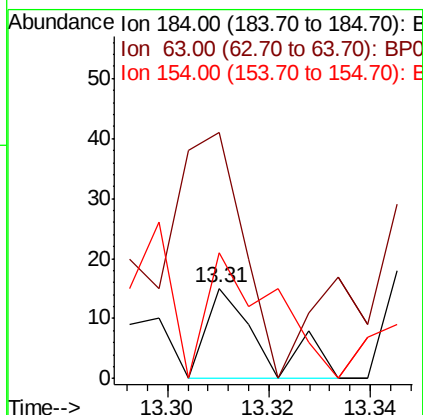
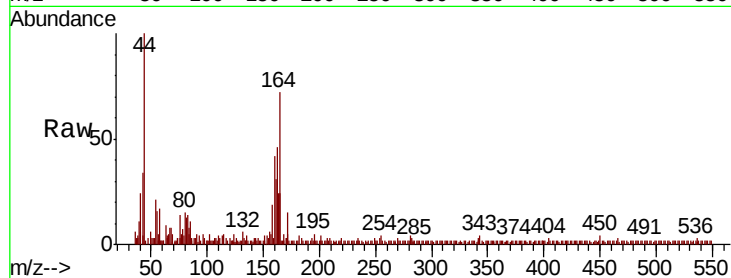




#54
2,4-Dinitrophenol
Concen: 7.118 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

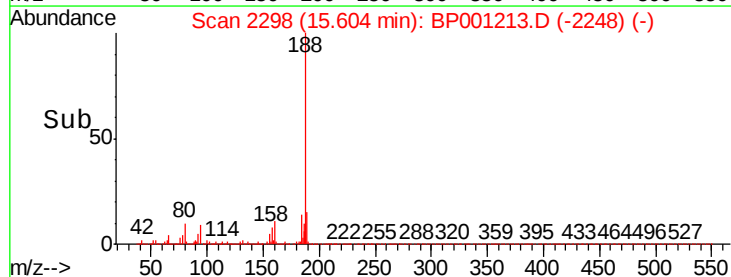
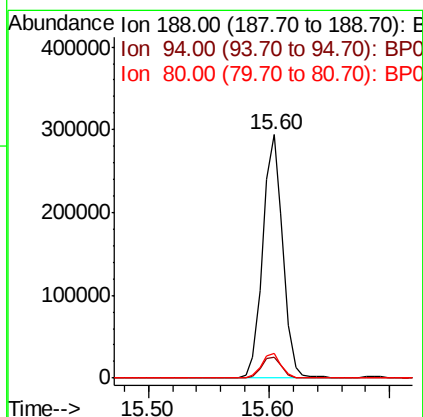
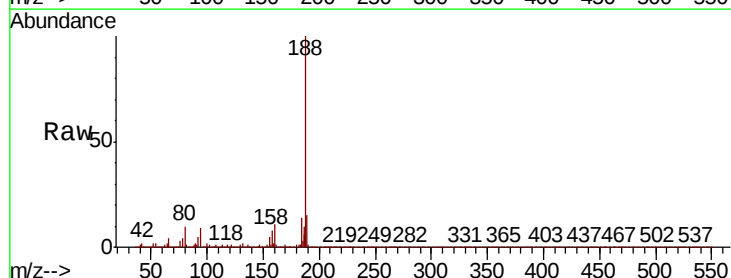
Instrument :
BNA_P
ClientSampled :

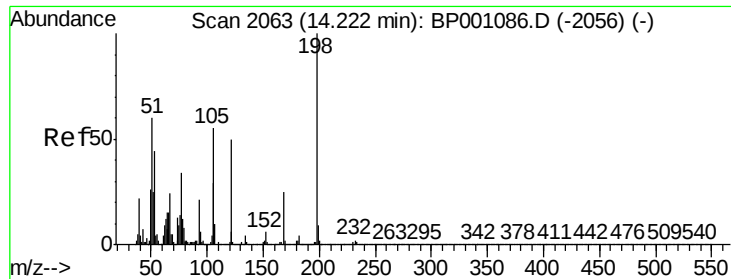
Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 273.3 69.4 104.0#
154 140.0 57.4 86.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

Tgt Ion:188 Resp: 338074
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 10.1 7.8 11.6

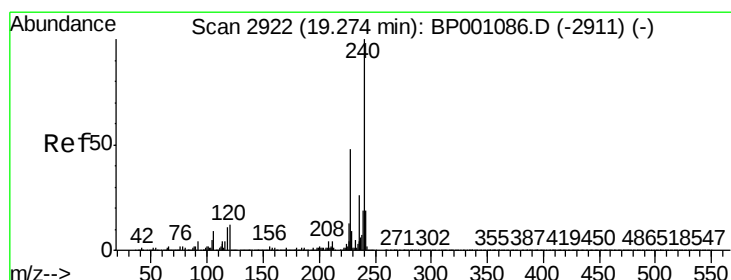
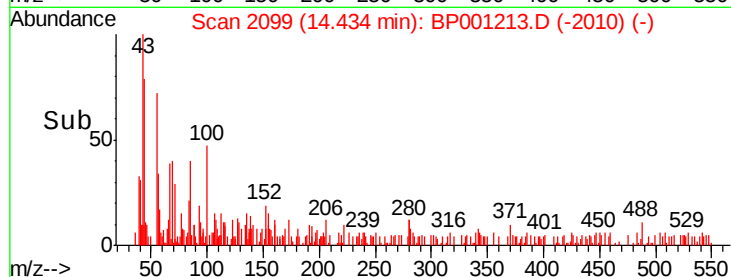
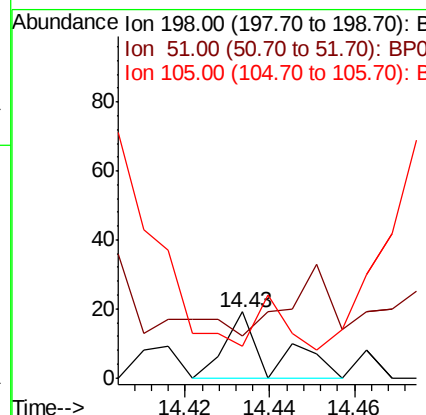
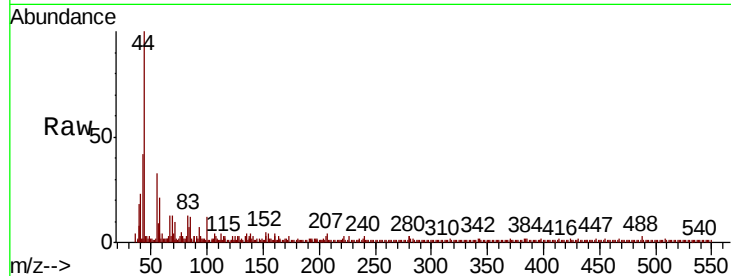




#65
4,6-Dinitro-2-methylphenol
Concen: 6.285 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.22 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

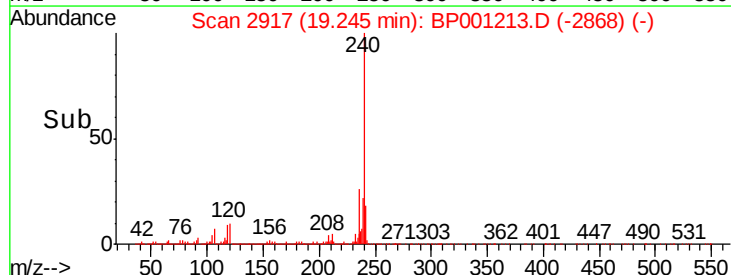
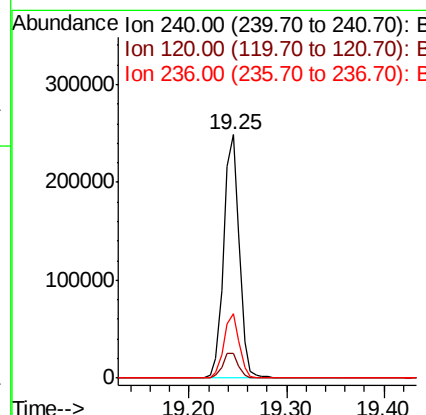
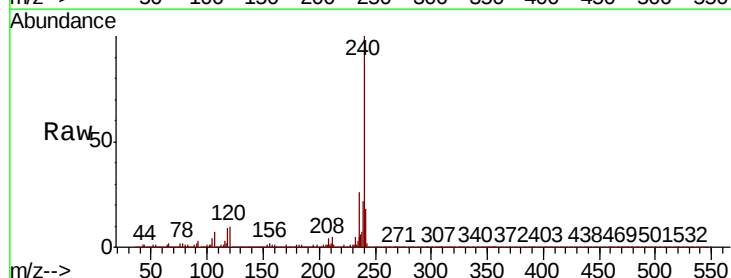
Instrument :
BNA_P
ClientSampled :

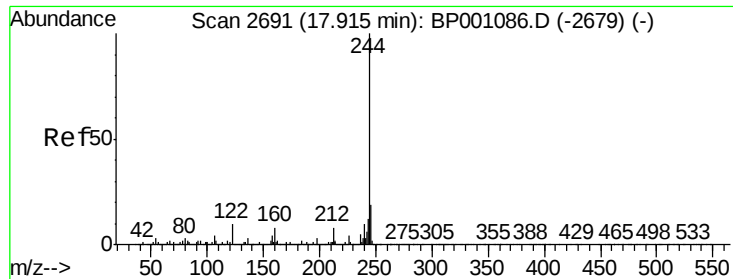
Tot Ion	Ratio	Lower	Upper
198	100		
51	63.2	36.2	76.2
105	47.4	30.2	70.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001213.D
Acq: 05 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.0	10.6
236	26.5	21.7	32.5

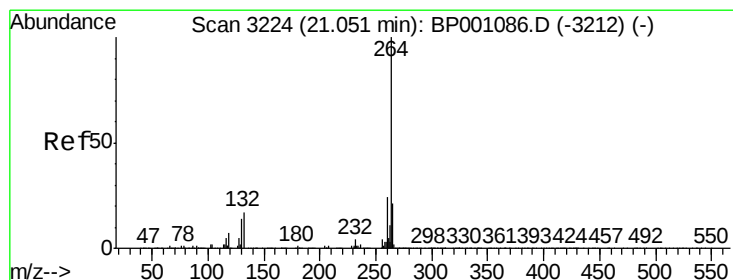
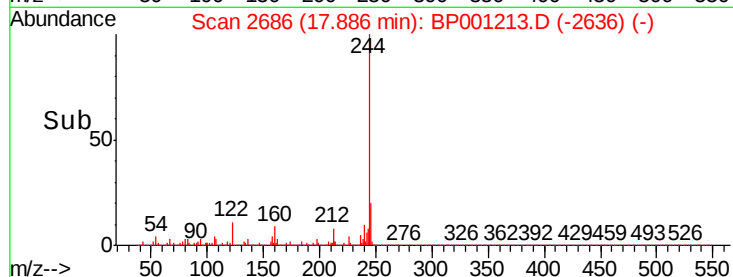
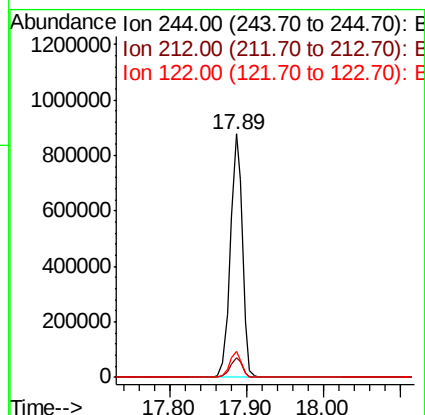
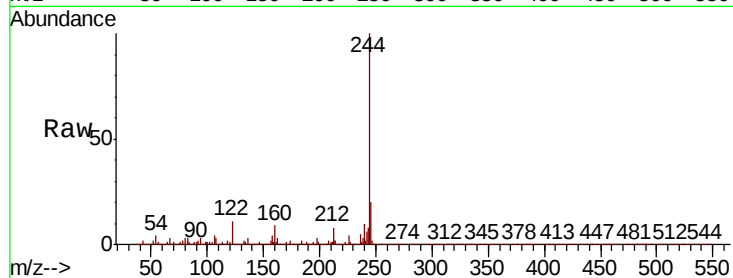




#79
 Terphenyl-d14
 Concen: 64.136 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001213.D
 Acq: 05 Dec 2019 15:58

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	10.8	9.2	13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001213.D
 Acq: 05 Dec 2019 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.0	17.1	25.7

