

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001281.D
 Acq On : 09 Dec 2019 20:45
 Operator : JU
 Sample : K6177-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:24:52 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

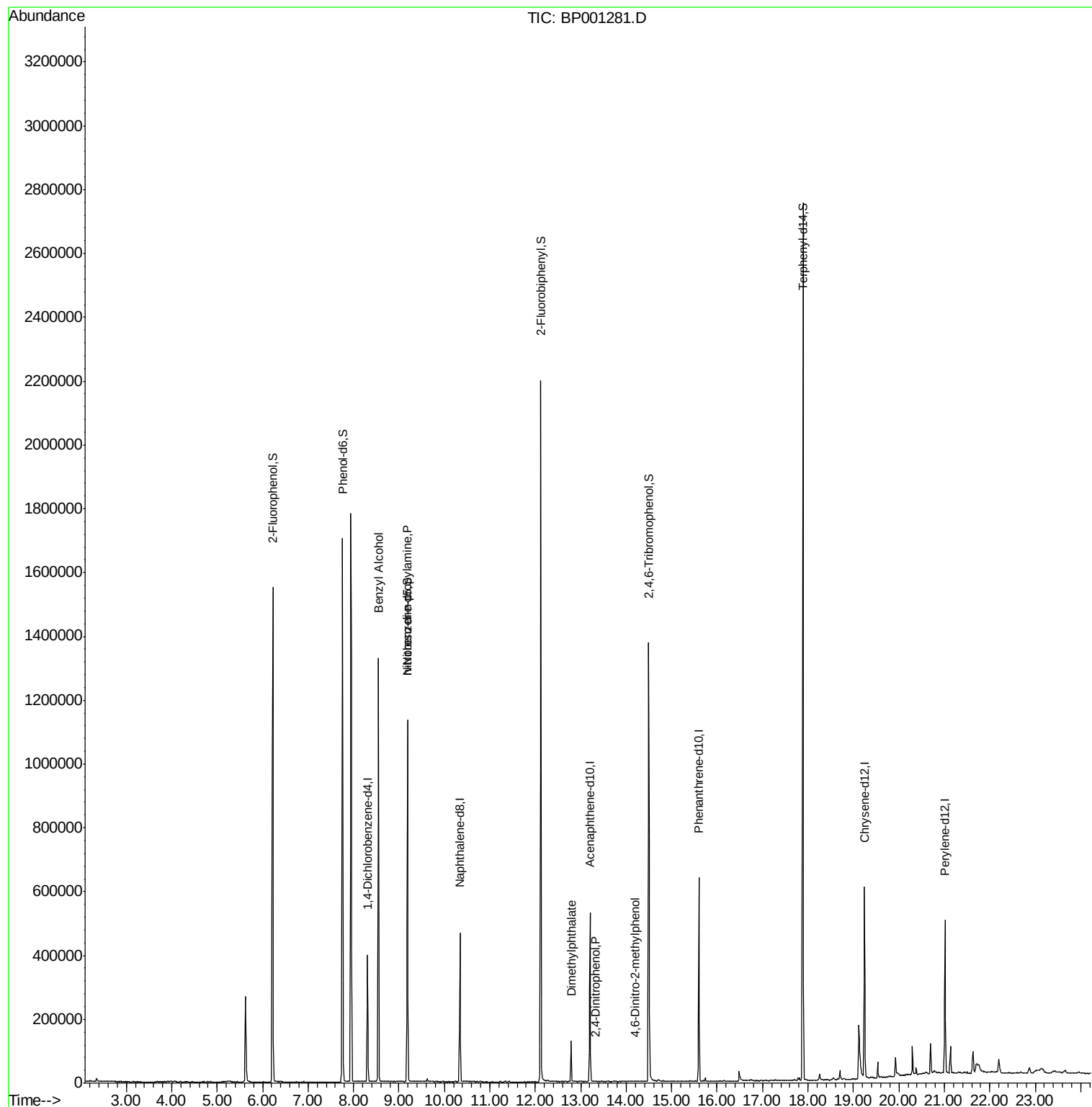
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	64762	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	235555	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	139086	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	275483	20.00	ng	-0.01
76) Chrysene-d12	19.25	240	224157	20.00	ng	-0.01
87) Perylene-d12	21.02	264	238421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	474467	121.55	ng	0.01
7) Phenol-d6	7.76	99	655387	126.03	ng	0.00
23) Nitrobenzene-d5	9.19	82	460231	84.77	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	188817	141.63	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	797015	83.87	ng	-0.01
79) Terphenyl-d14	17.89	244	1013775	83.67	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	82	Below Cal	Qvalue	# 32
15) Benzyl Alcohol	8.55	79	9006	2.110 ng	#	54
19) n-Nitroso-di-n-propylamine	9.19	70	66956	17.843 ng	#	79
50) Dimethylphthalate	12.79	163	56487	5.430 ng	#	98
54) 2,4-Dinitrophenol	13.32	184	8	7.117 ng	#	76
65) 4,6-Dinitro-2-methylphenol	14.19	198	25	6.295 ng	#	70

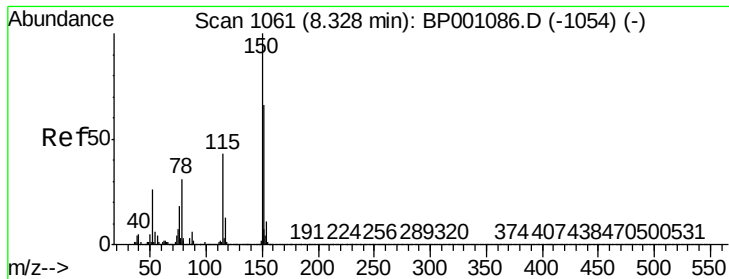
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001281.D
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Sample : K6177-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 10 04:24:52 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

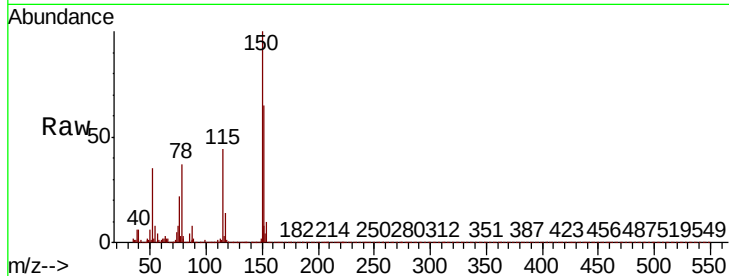




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001281.D
 Acq: 09 Dec 2019 20:45

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.3	190.9
115	68.1	56.0	84.0

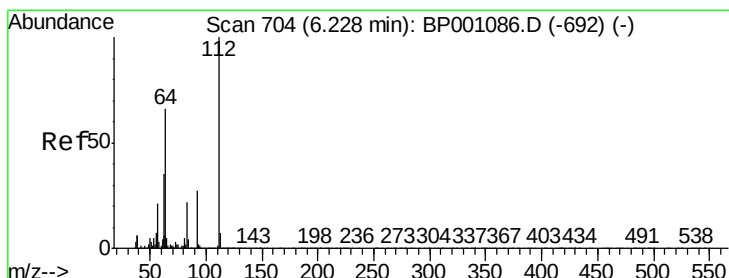
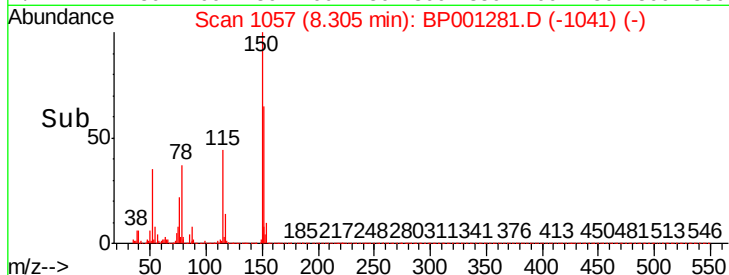
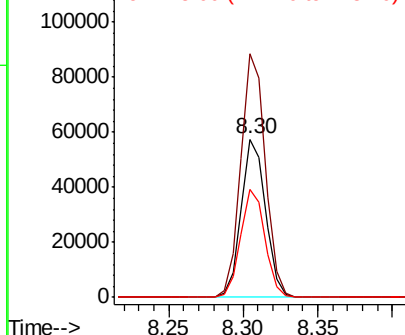


Abundance

Ion 152.00 (151.70 to 152.70): E

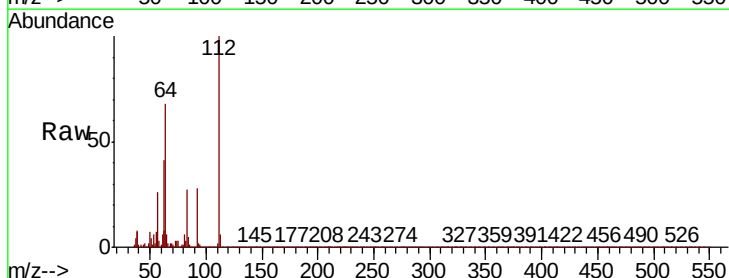
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 121.550 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001281.D
 Acq: 09 Dec 2019 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.8	85.2
63	41.4	32.2	48.2

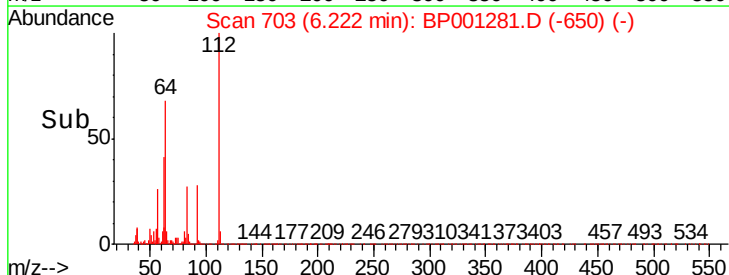
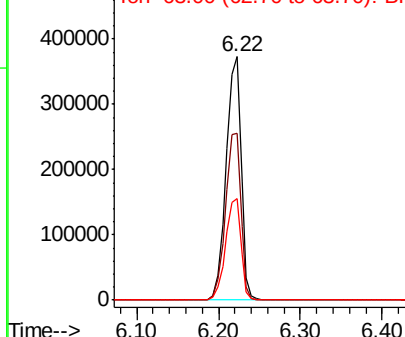


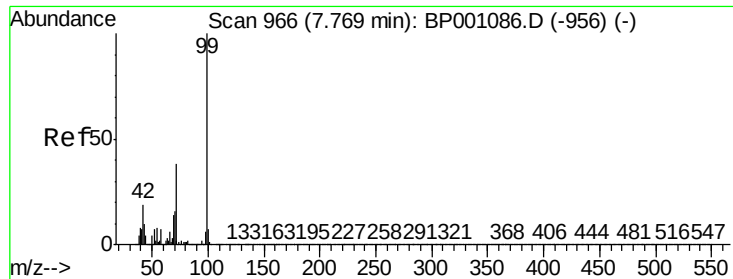
Abundance

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: 126.026 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001281.D

Acq: 09 Dec 2019 20:45

Instrument :

BNA_P

ClientSampleId :

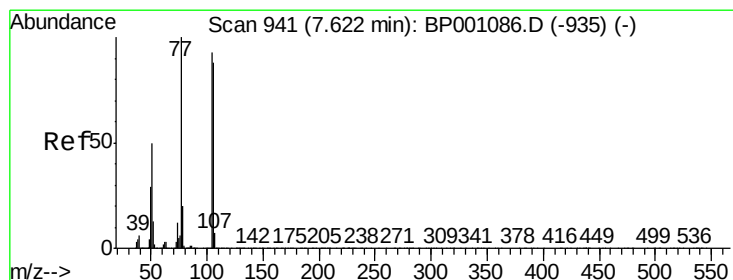
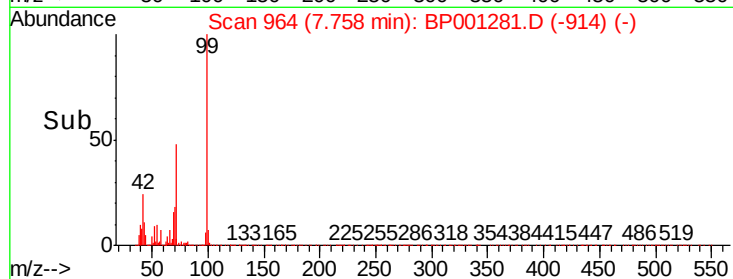
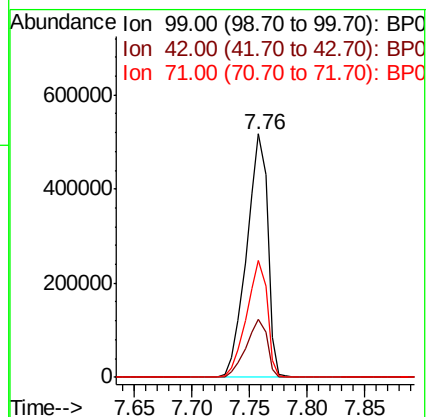
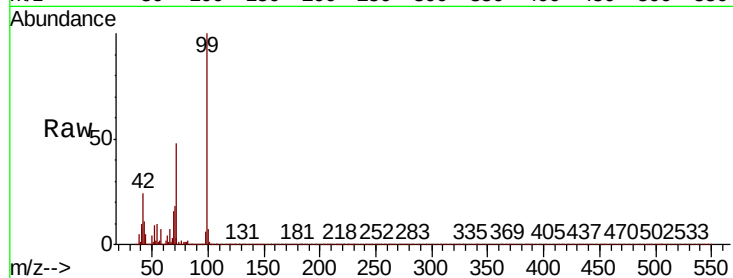
Tot Ion: 99 Resp: 655387

Ion Ratio Lower Upper

99 100

42 24.0 17.6 26.4

71 48.3 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001281.D

Acq: 09 Dec 2019 20:45

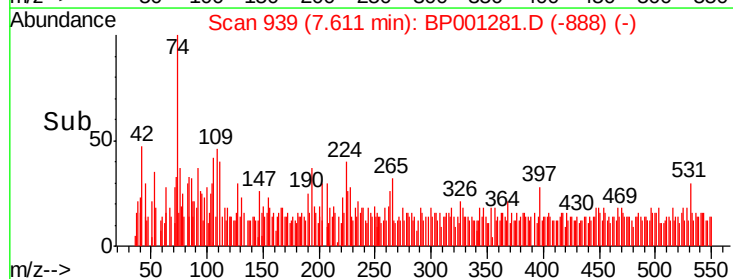
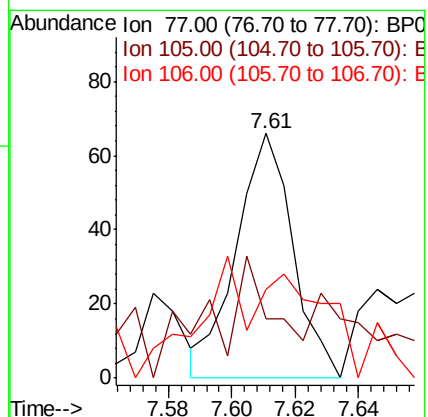
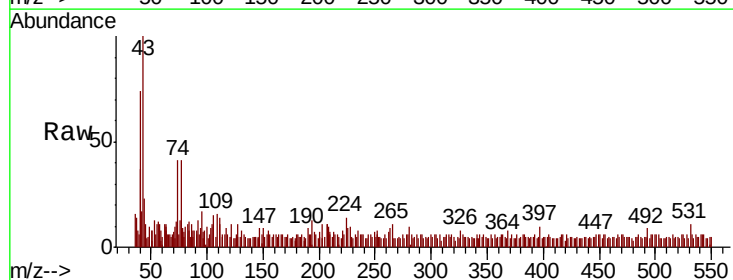
Tgt Ion: 77 Resp: 82

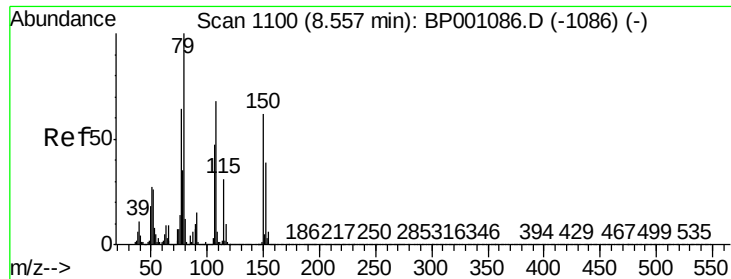
Ion Ratio Lower Upper

77 100

105 20.0 69.7 109.7#

106 30.0 67.1 107.1#

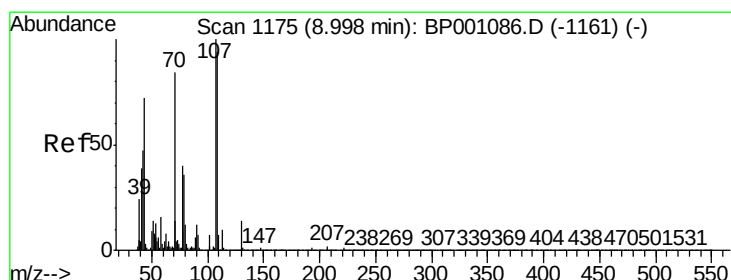
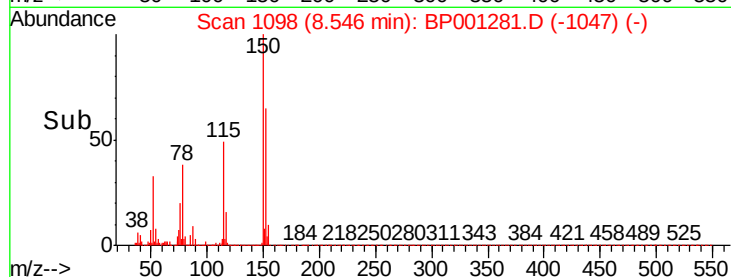
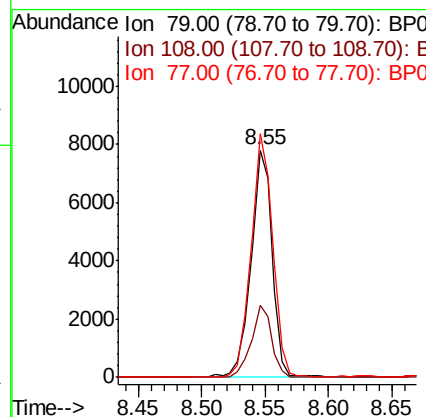
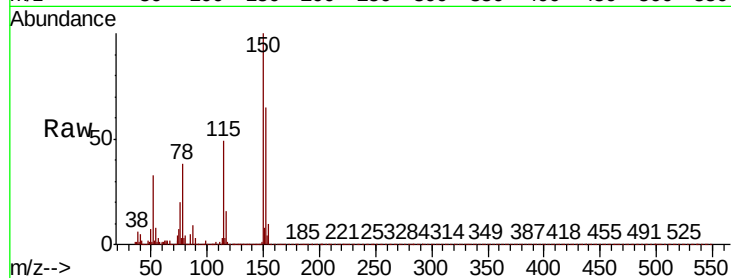




#15
Benzyl Alcohol
Concen: 2.110 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

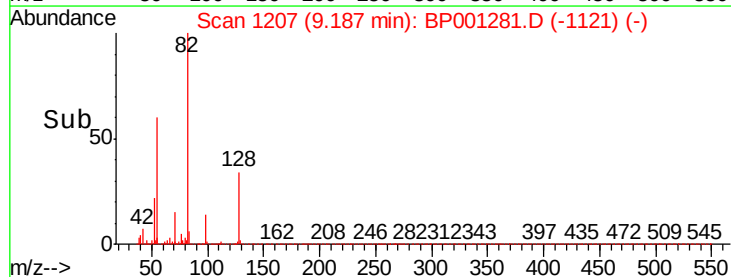
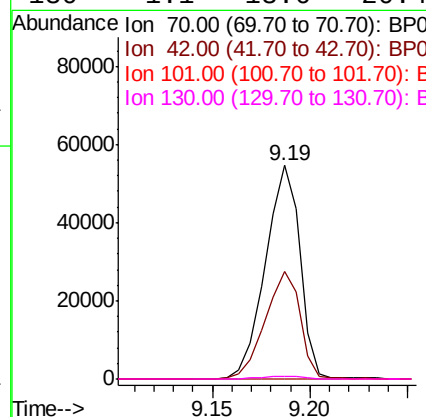
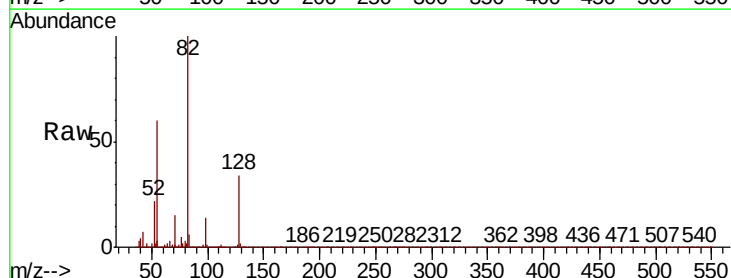
Instrument :
BNA_P
ClientSampled :

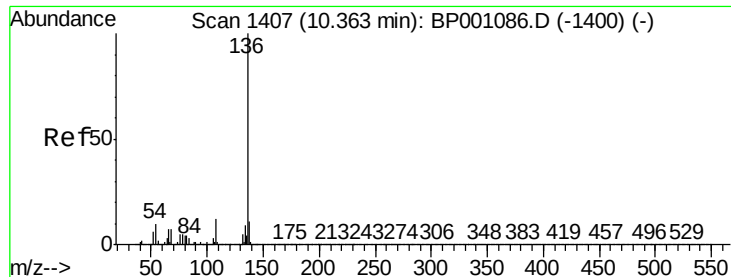
Tot Ion	Ratio	Lower	Upper
79	100		
108	31.4	51.6	77.4#
77	107.0	53.5	80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.843 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.5	50.6	76.0#
101	0.0	7.1	10.7#
130	1.1	13.6	20.4#

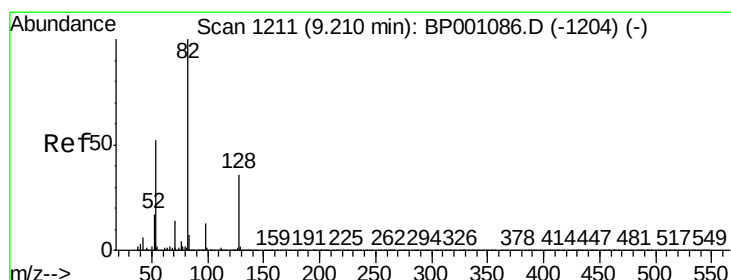
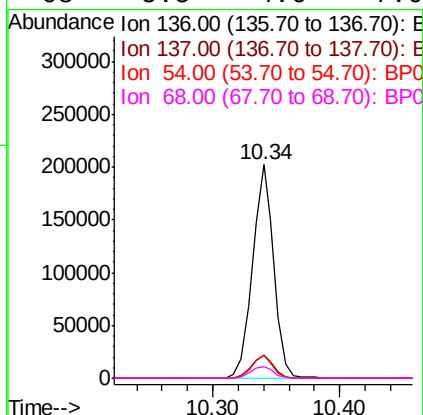
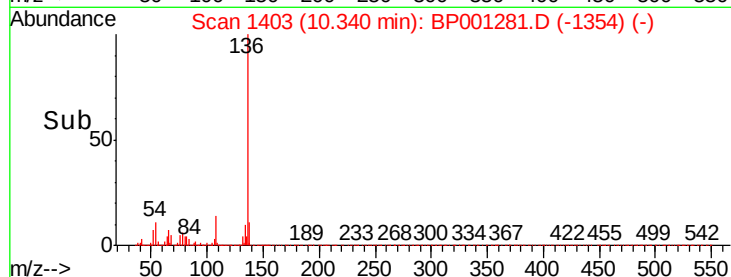
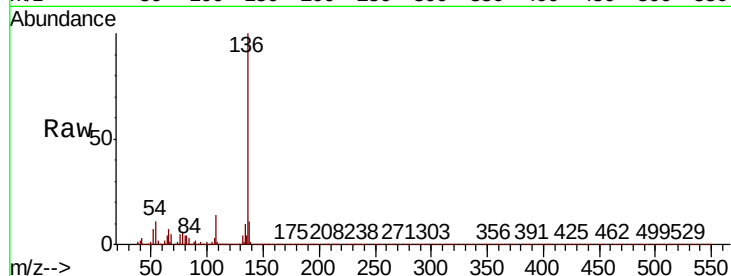




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

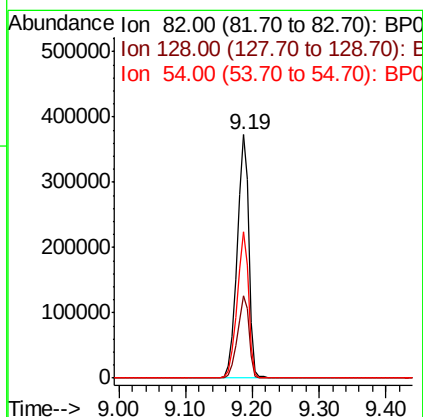
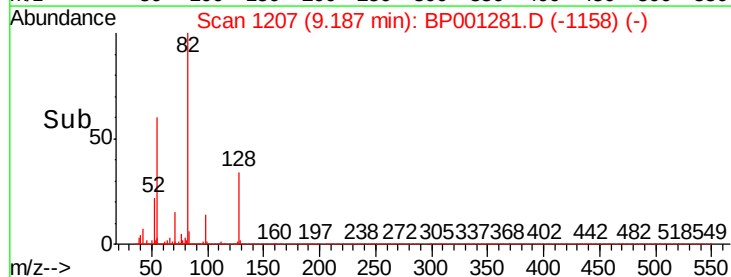
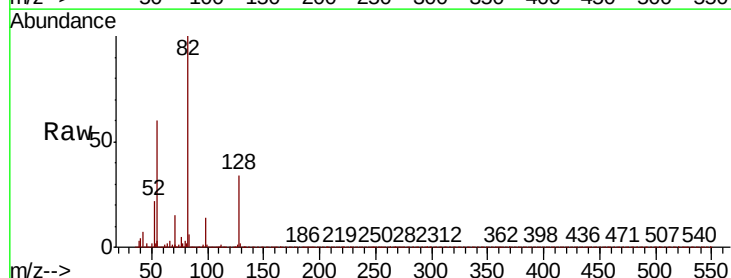
Instrument :
BNA_P
ClientSampleId :

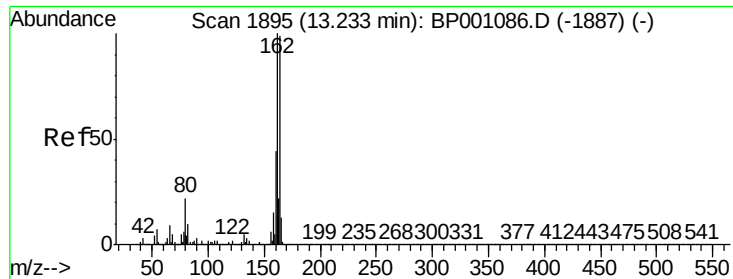
Tot Ion:136	Resp:	235555	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.4	12.6	
54 10.6	7.4	11.0	
68 5.5	4.6	7.0	



#23
Nitrobenzene-d5
Concen: 84.768 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

Tgt	Ion: 82	Resp:	460231
Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.5	41.3
54	60.1	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: BP001281.D

Acq: 09 Dec 2019 20:45

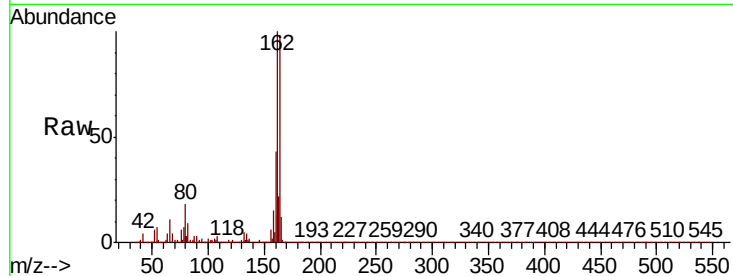
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 139086

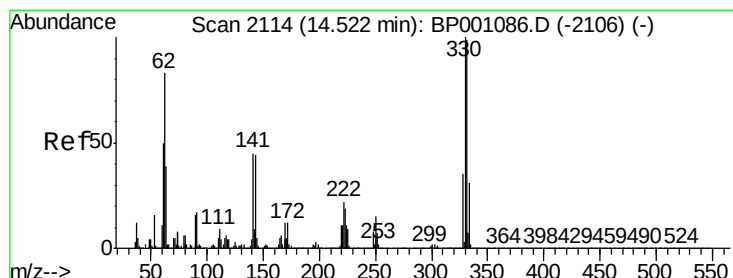
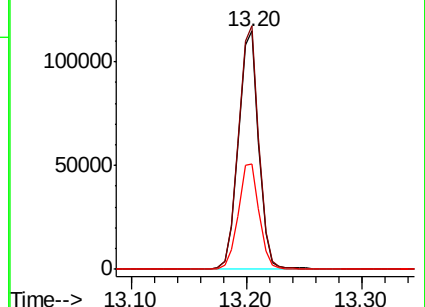
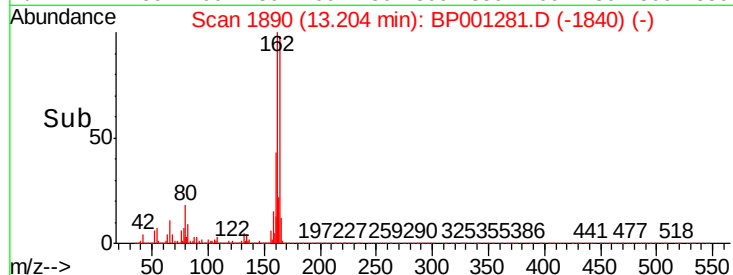
Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	44.3	36.3	54.5



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: 141.633 ng

RT: 14.50 min Scan# 2110

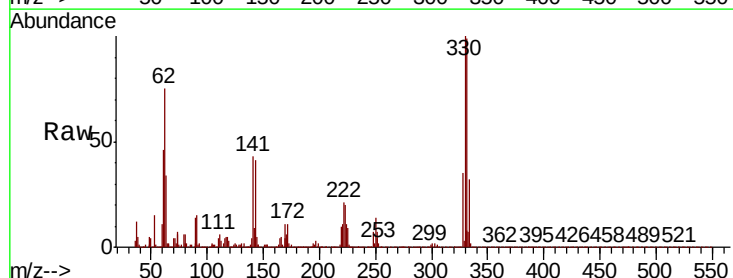
Delta R.T. -0.01 min

Lab File: BP001281.D

Acq: 09 Dec 2019 20:45

Tgt Ion:330 Resp: 188817

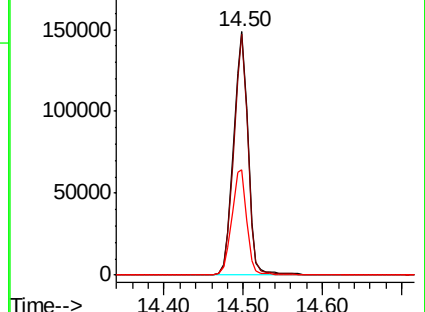
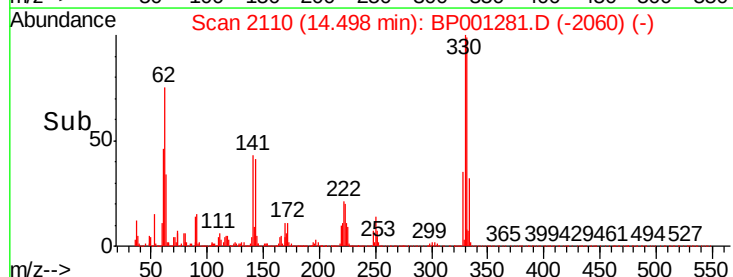
Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	44.8	35.9	53.9

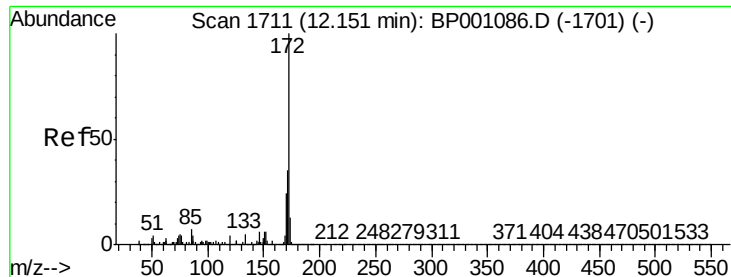


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

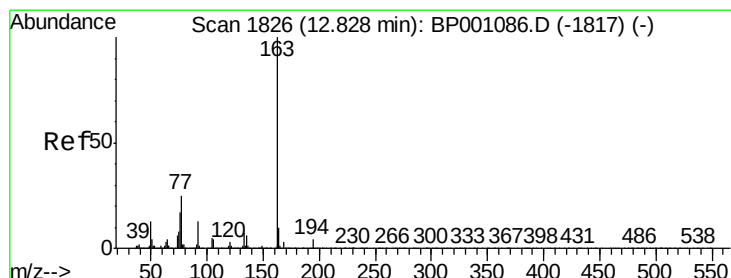
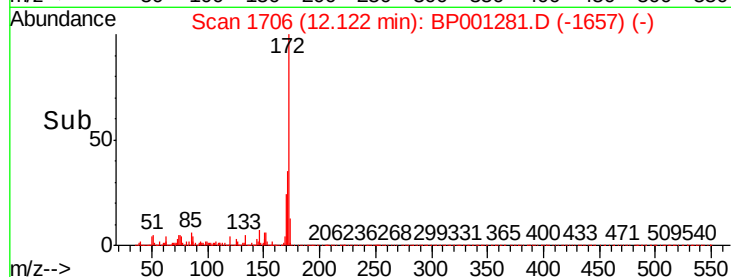
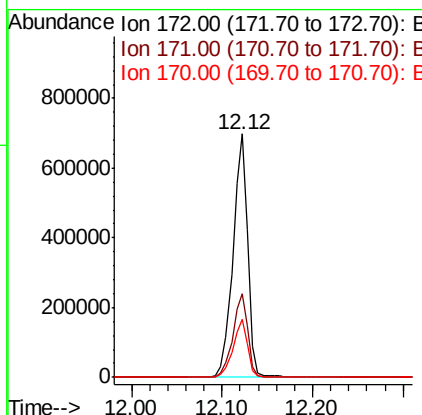
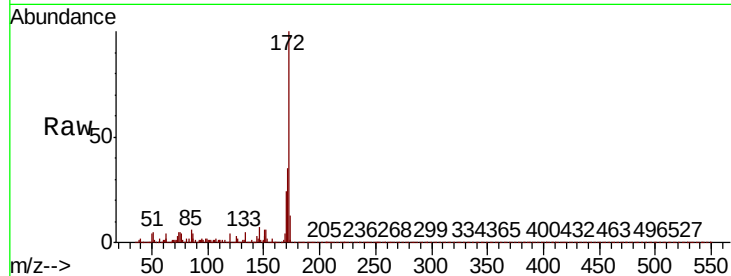




#45
2-Fluorobiphenyl
Concen: 83.868 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

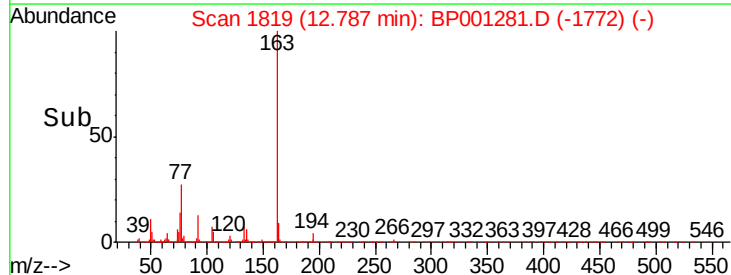
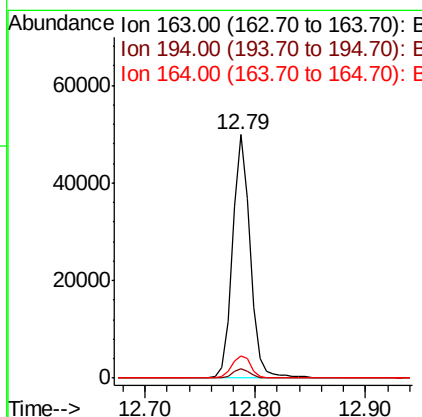
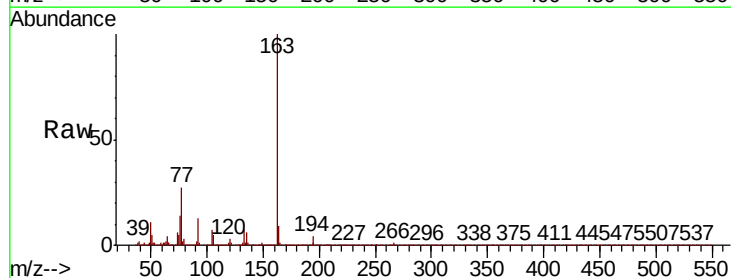
Instrument :
BNA_P
ClientSampleId :

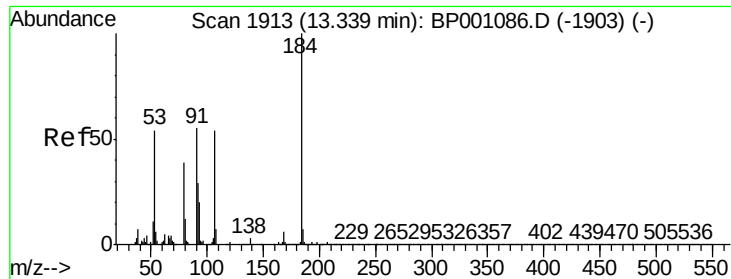
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	23.9	19.2	28.8



#50
Dimethylphthalate
Concen: 5.430 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.4	8.2	12.4

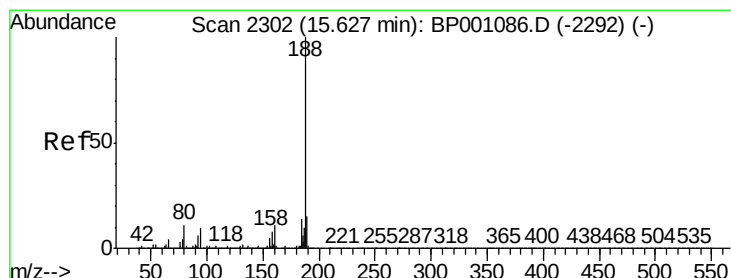
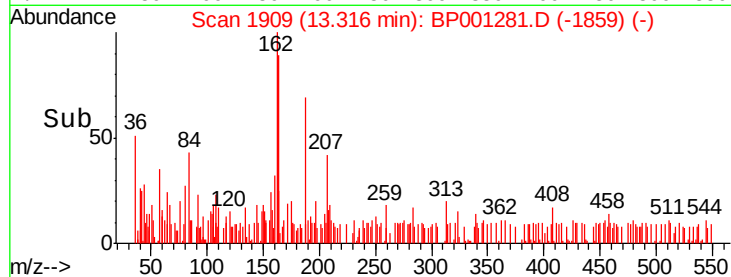
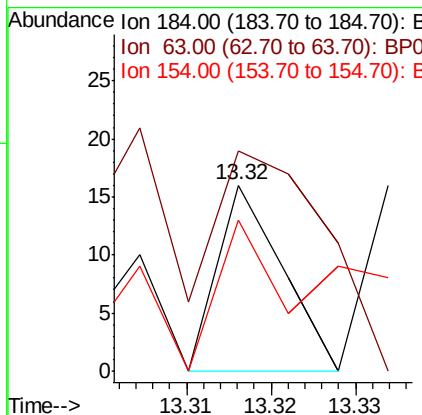
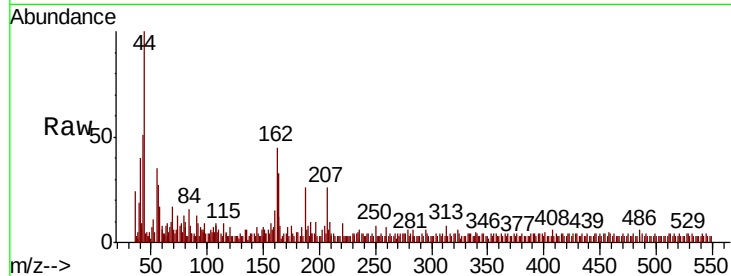




#54
2,4-Dinitrophenol
Concen: 7.117 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

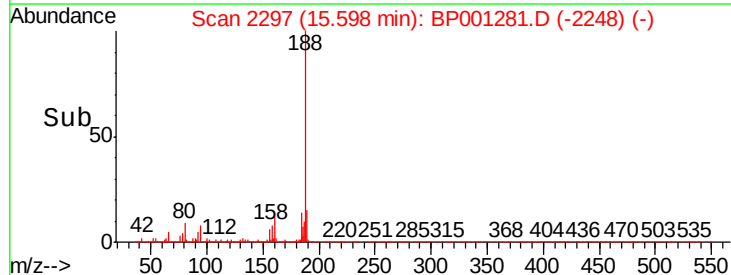
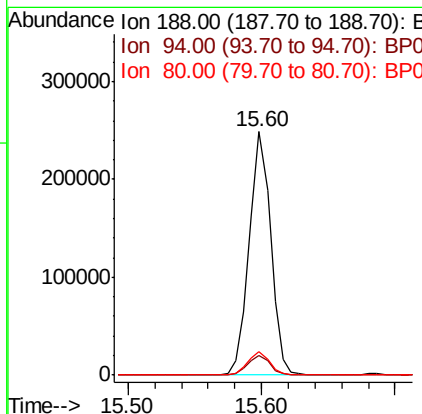
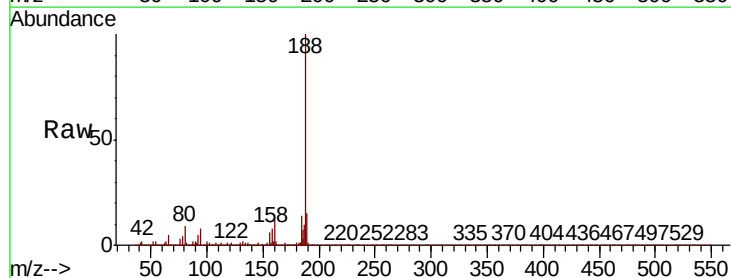
Instrument :
BNA_P
ClientSampled :

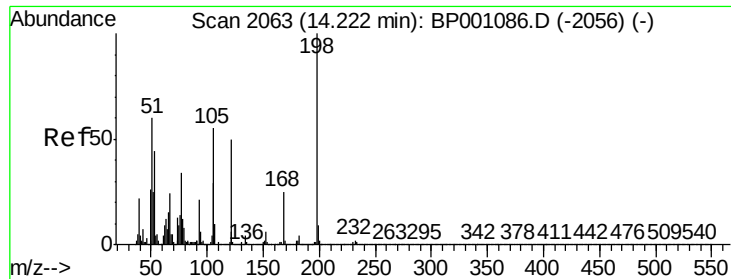
Tot Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 118.8 69.4 104.0#
154 81.3 57.4 86.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

Tgt Ion:188 Resp: 275483
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 9.5 7.8 11.6

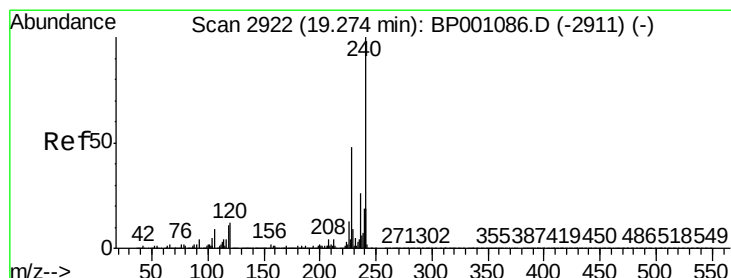
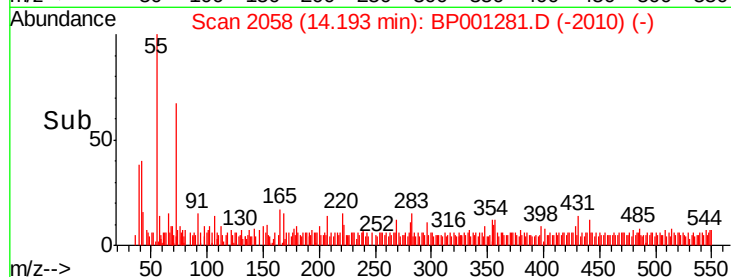
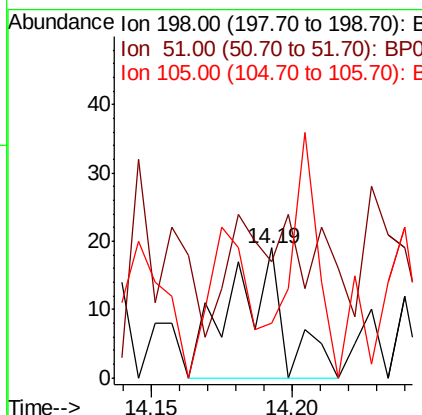
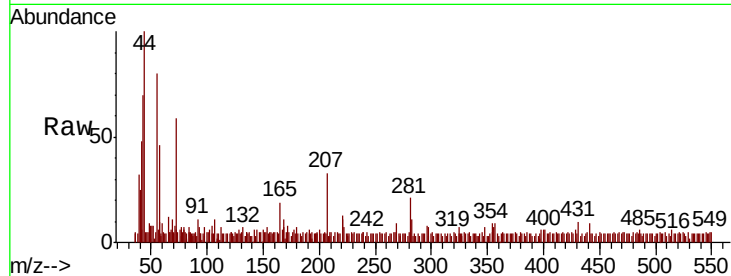




#65
4,6-Dinitro-2-methylphenol
Concen: 6.295 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

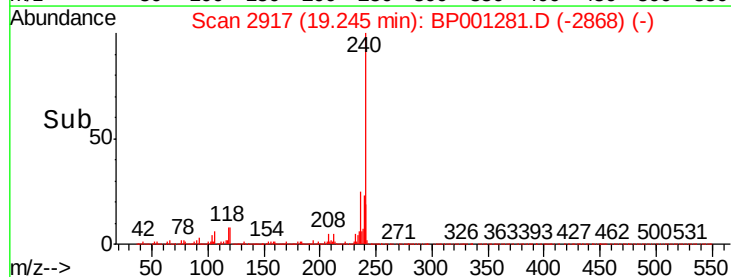
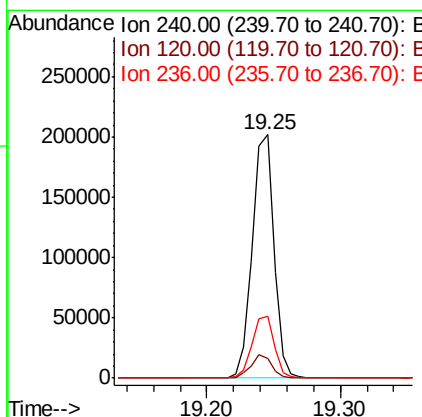
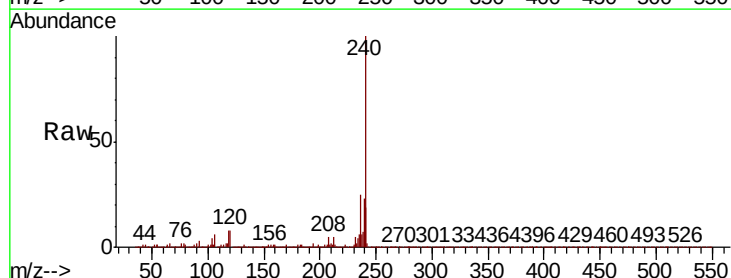
Instrument :
BNA_P
ClientSampled :

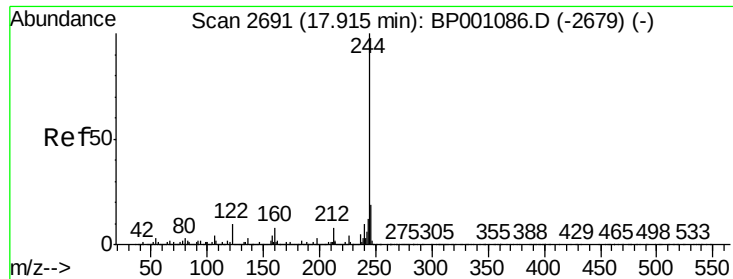
Tot Ion	Ratio	Lower	Upper
198	100		
51	89.5	36.2	76.2
105	42.1	30.2	70.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001281.D
Acq: 09 Dec 2019 20:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	25.3	21.7	32.5





#79

Terphenyl-d14

Concen: 83.673 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001281.D

Acq: 09 Dec 2019 20:45

Instrument :

BNA_P

ClientSampleId :

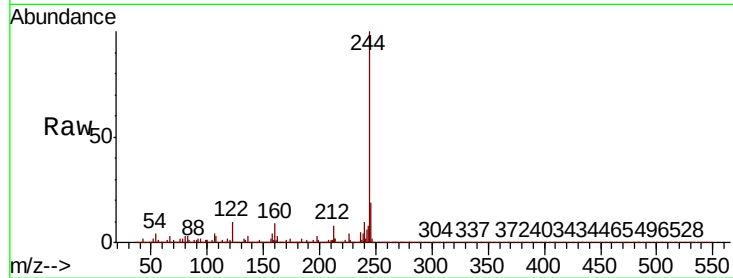
Tot Ion:244 Resp: 1013775

Ion Ratio Lower Upper

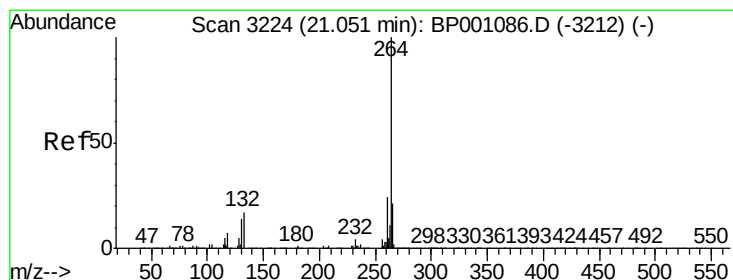
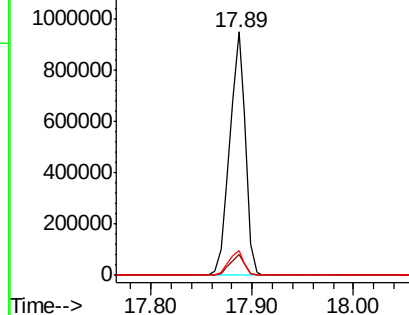
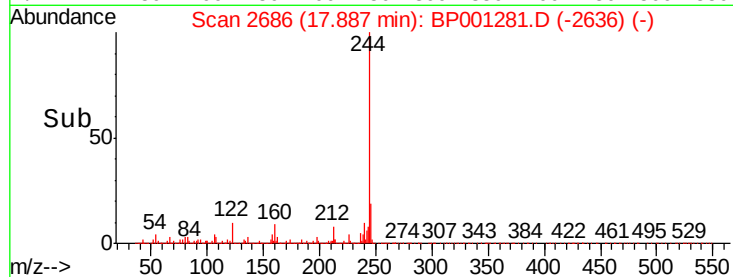
244 100

212 8.5 6.6 9.8

122 10.3 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: BP001281.D

Acq: 09 Dec 2019 20:45

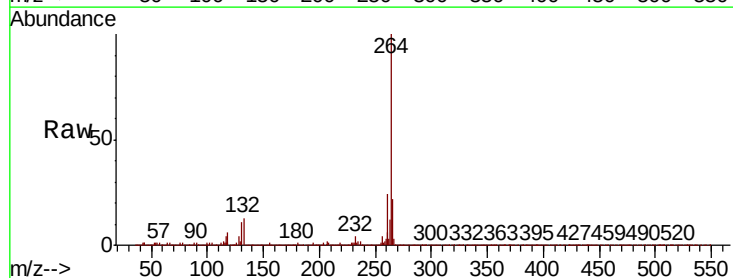
Tgt Ion:264 Resp: 238421

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.7 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

