

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001231.D
 Acq On : 06 Dec 2019 15:55
 Operator : JU
 Sample : K6025-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 17:55:31 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	80424	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	292546	20.00	ng	-0.02
39) Acenaphthene-d10	13.20	164	174537	20.00	ng	-0.01
64) Phenanthrene-d10	15.59	188	356768	20.00	ng	-0.02
76) Chrysene-d12	19.23	240	295492	20.00	ng	-0.02
87) Perylene-d12	21.00	264	296309	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	379506	78.29	ng	0.00
7) Phenol-d6	7.75	99	314877	48.76	ng	-0.02
23) Nitrobenzene-d5	9.19	82	694220	102.96	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	313280	187.26	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	1149577	96.40	ng	-0.02
79) Terphenyl-d14	17.88	244	1665876	104.30	ng	-0.01

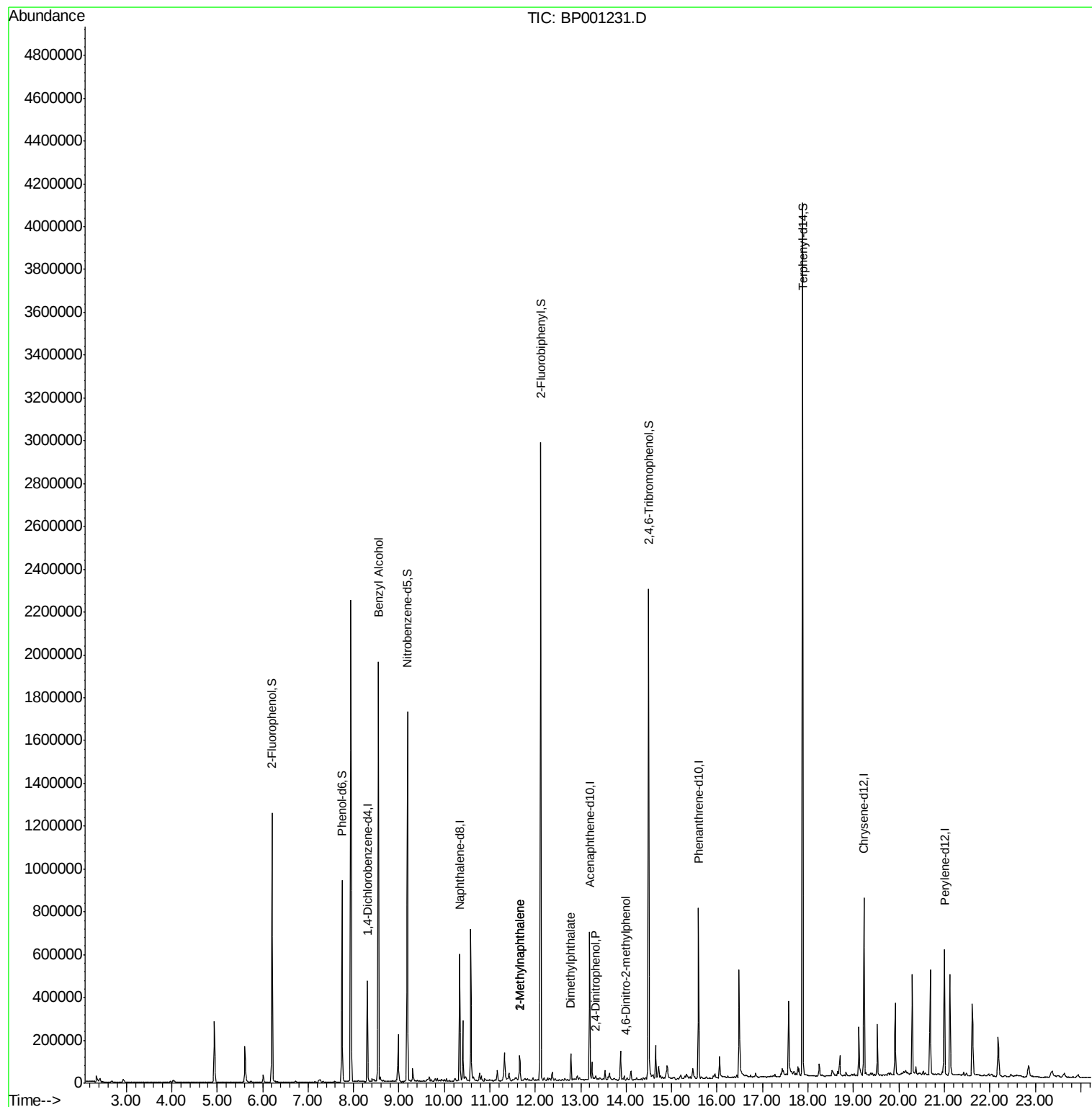
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.59	77	479	Below Cal		# 58
15) Benzyl Alcohol	8.55	79	13360	2.520	ng	# 57
37) 2-Methylnaphthalene	11.66	142	35267	3.459	ng	99
38) 1-Methylnaphthalene	11.66	142	35267	3.662	ng	97
50) Dimethylphthalate	12.78	163	51822	3.970	ng	98
54) 2,4-Dinitrophenol	13.32	184	18	7.123	ng	# 1
65) 4,6-Dinitro-2-methylphenol	13.99	198	27	6.292	ng	# 1

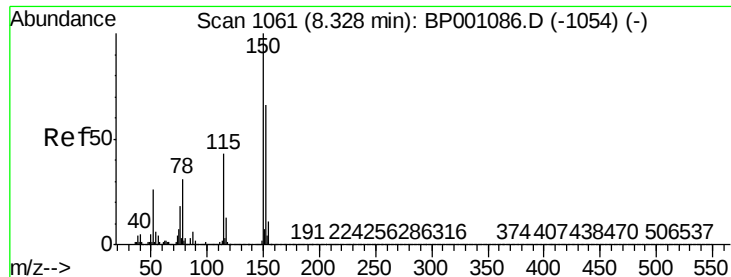
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Instrument :

BNA_P

ClientSampled :

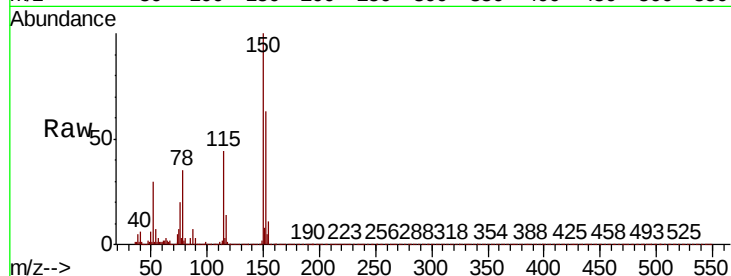
Tot Ion:152 Resp: 80424

Ion Ratio Lower Upper

152 100

150 158.6 127.3 190.9

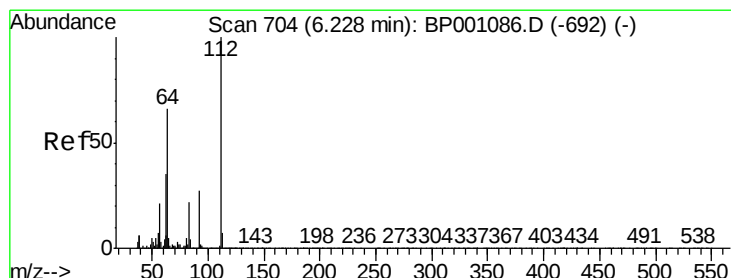
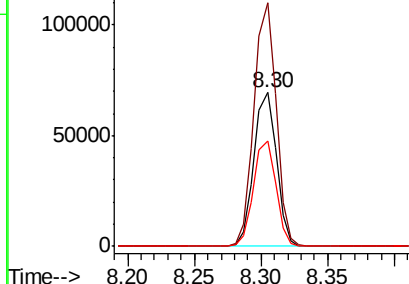
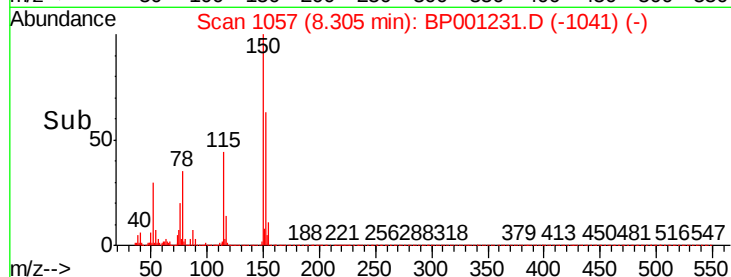
115 69.0 56.0 84.0



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: 78.289 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

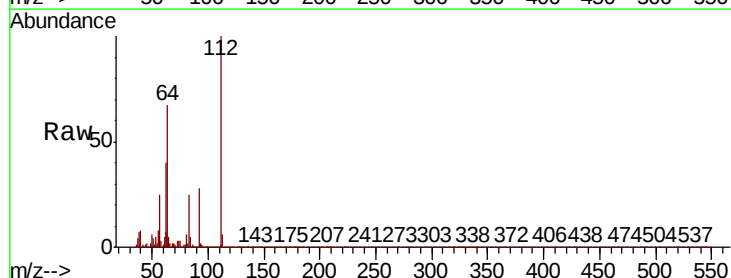
Tgt Ion:112 Resp: 379506

Ion Ratio Lower Upper

112 100

64 67.3 56.8 85.2

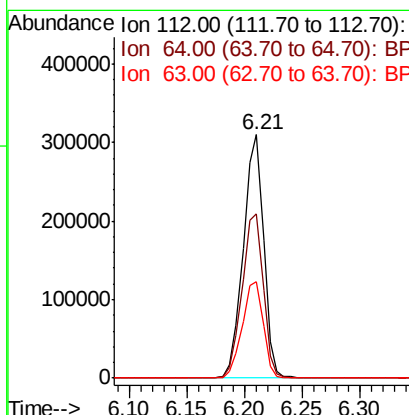
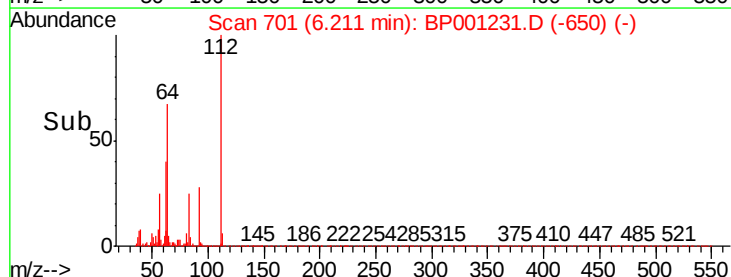
63 39.8 32.2 48.2

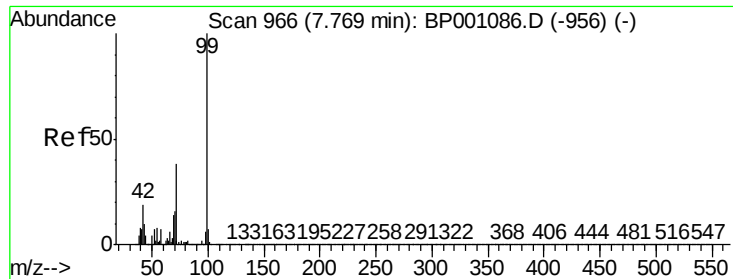


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 48.757 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

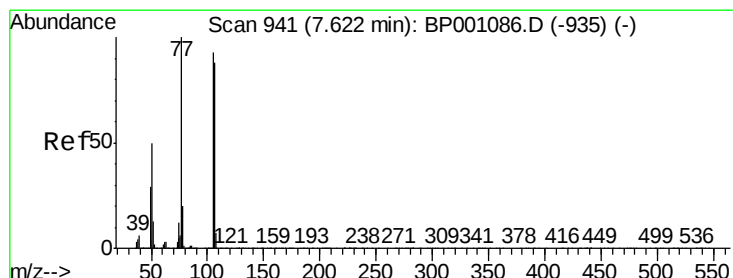
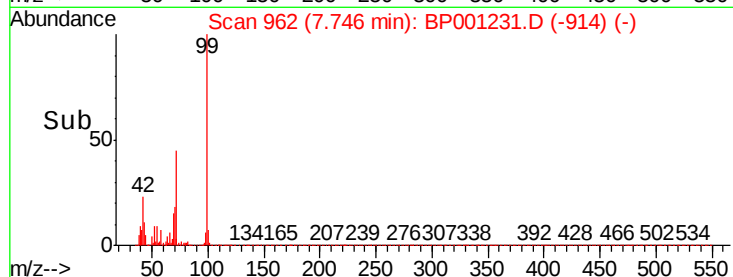
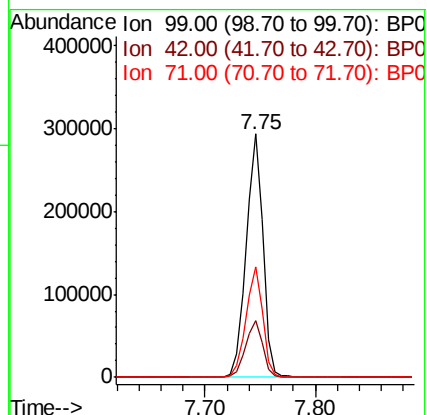
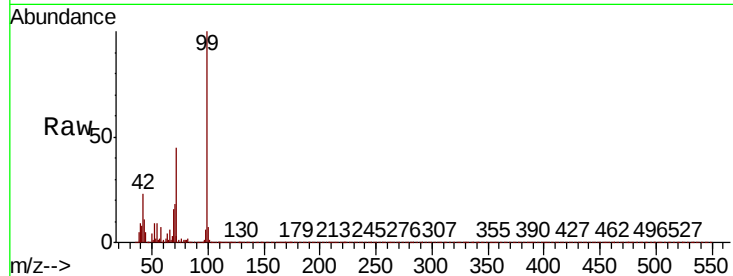
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 314877

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.6	26.4
71	45.4	33.8	50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.59 min Scan# 936

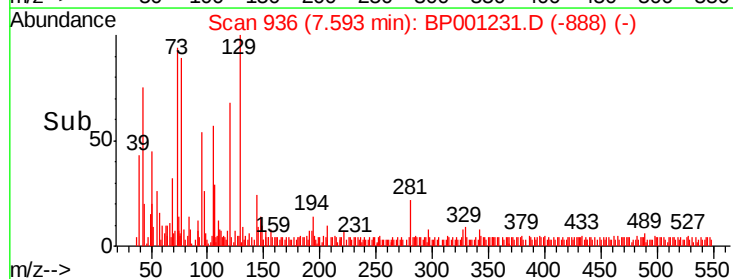
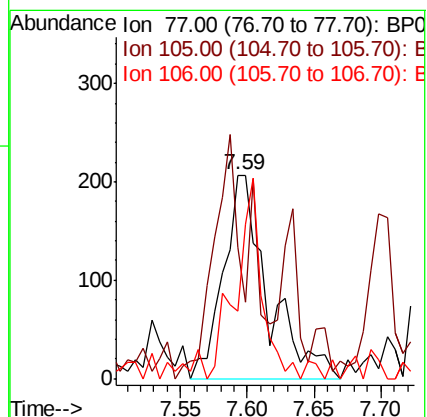
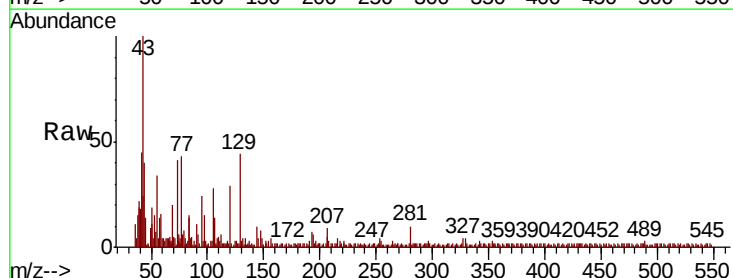
Delta R.T. -0.02 min

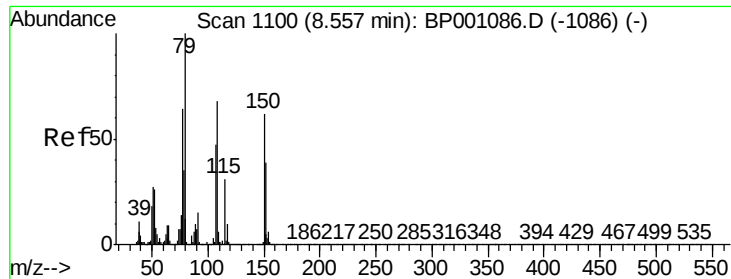
Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Tgt Ion: 77 Resp: 479

Ion	Ratio	Lower	Upper
77	100		
105	64.7	69.7	109.7#
106	32.9	67.1	107.1#

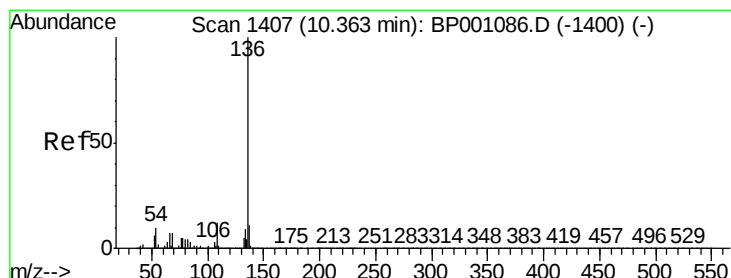
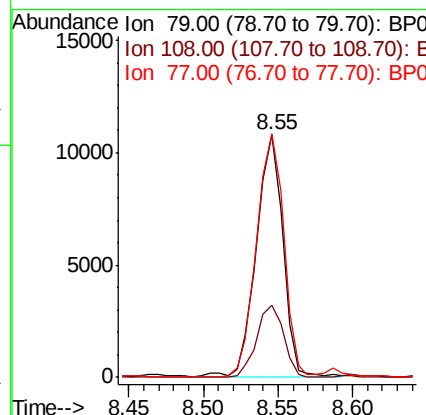
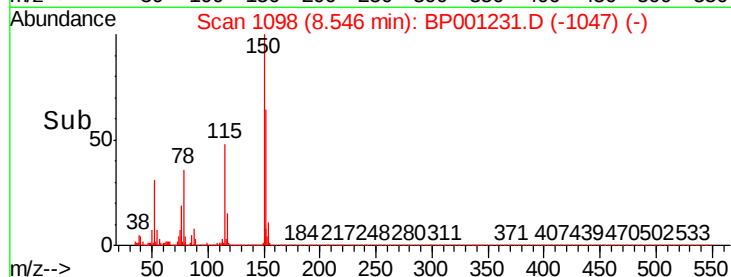
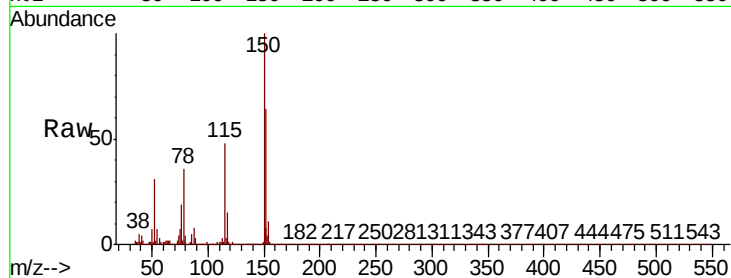




#15
Benzyl Alcohol
Concen: 2.520 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

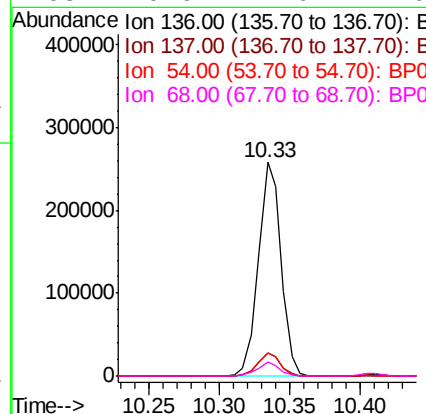
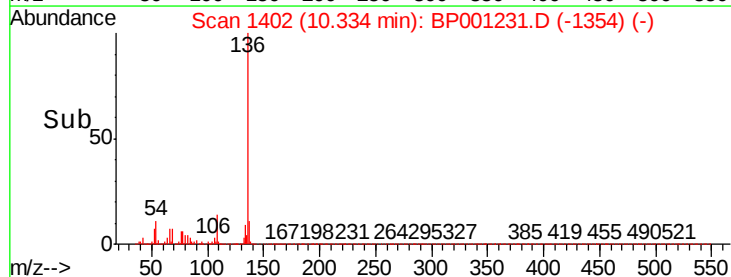
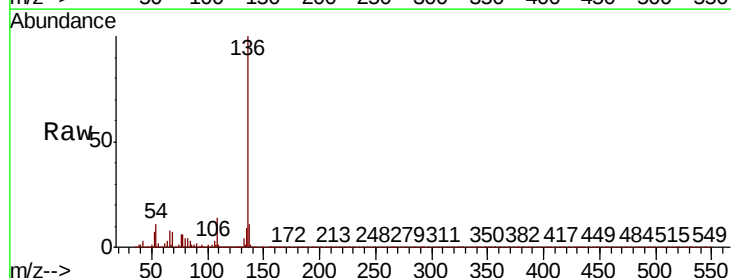
Instrument :
BNA_P
ClientSampleId :

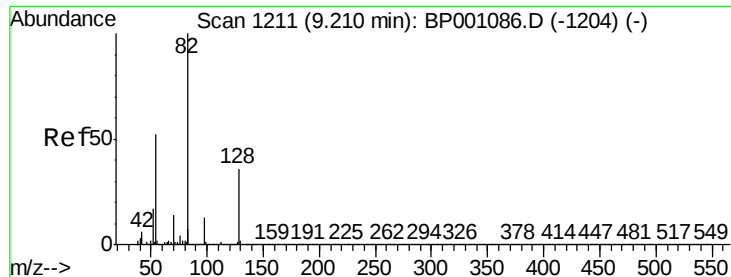
Tot Ion	Ratio	Lower	Upper
79	100		
108	29.6	51.6	77.4#
77	100.3	53.5	80.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	10.6	7.4	11.0
68	6.6	4.6	7.0

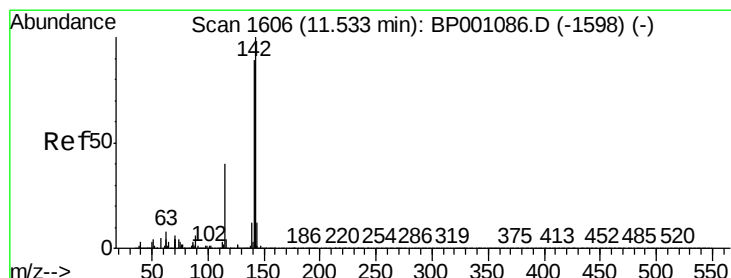
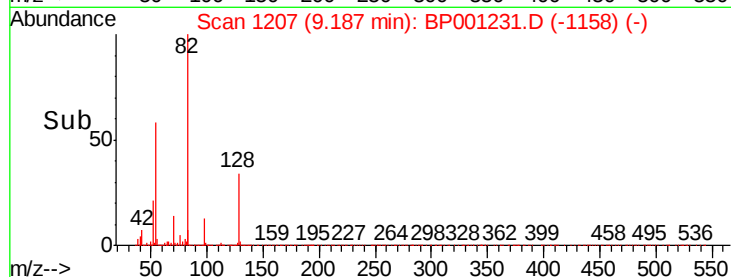
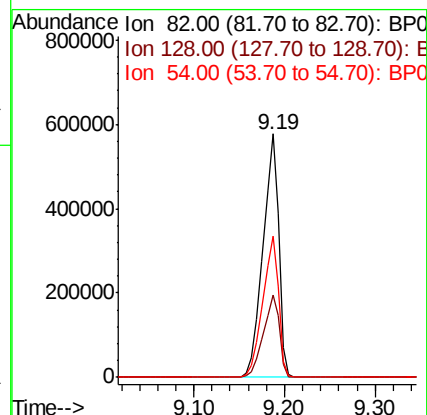
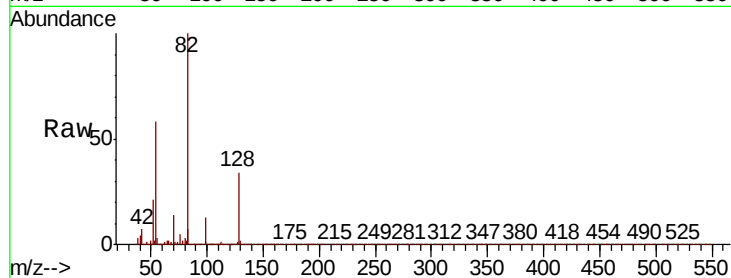




#23
 Nitrobenzene-d5
 Concen: 102.956 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001231.D
 Acq: 06 Dec 2019 15:55

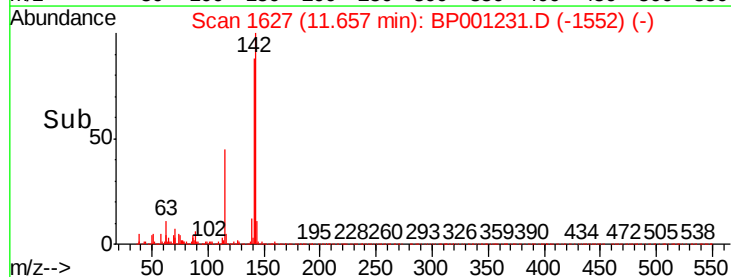
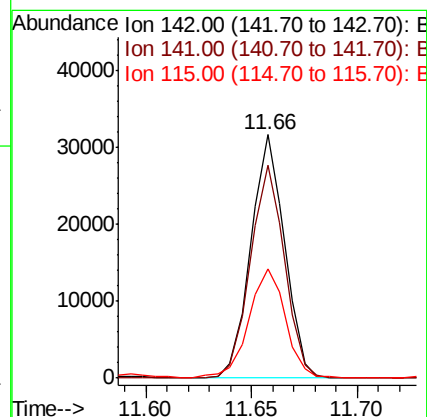
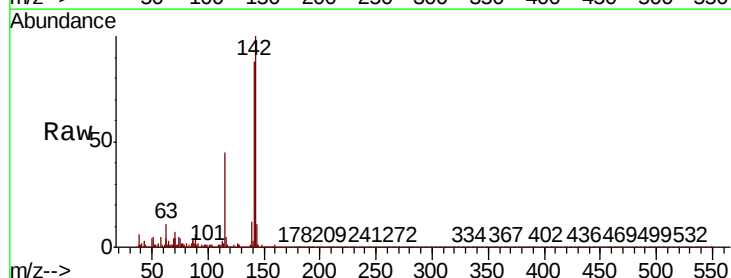
Instrument :
 BNA_P
 ClientSampleId :

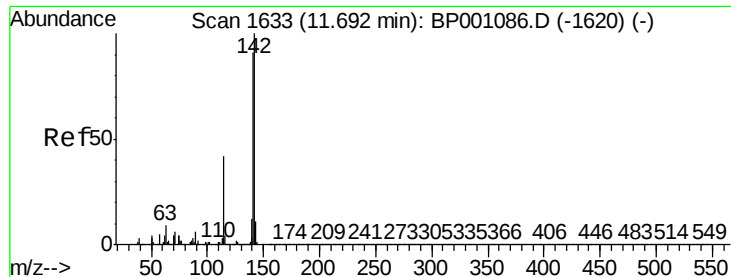
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.5	41.3
54	57.9	45.7	68.5



#37
 2-Methylnaphthalene
 Concen: 3.459 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.14 min
 Lab File: BP001231.D
 Acq: 06 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.6	107.4
115	45.0	36.0	54.0

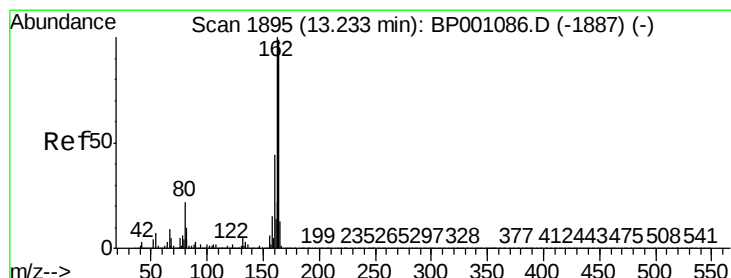
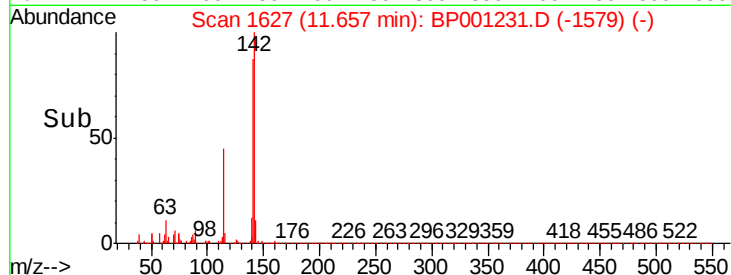
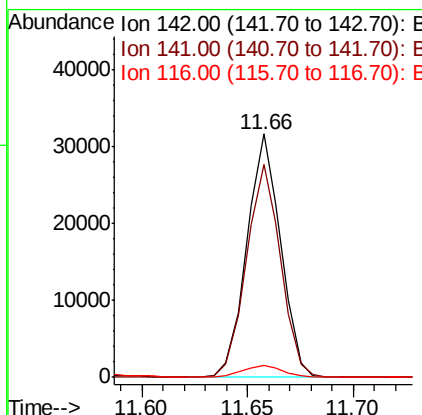
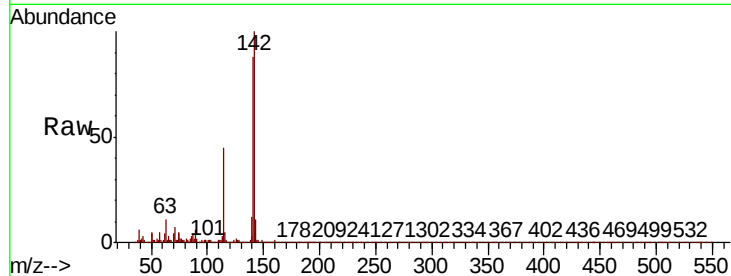




#38
1-Methylnaphthalene
Concen: 3.662 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

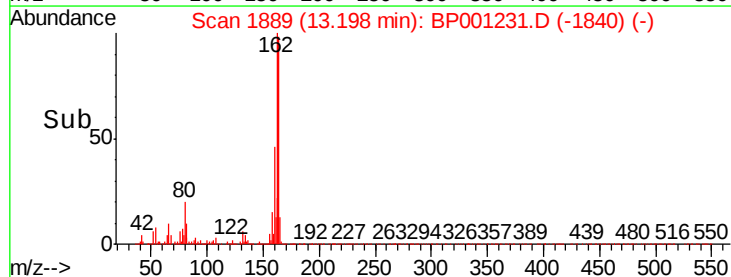
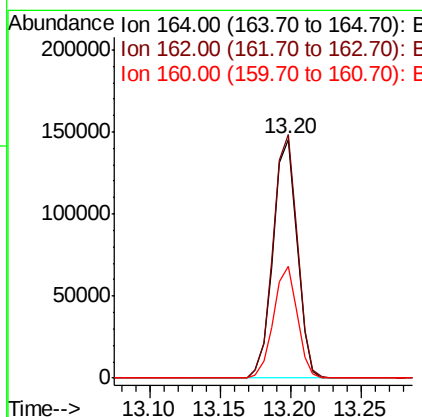
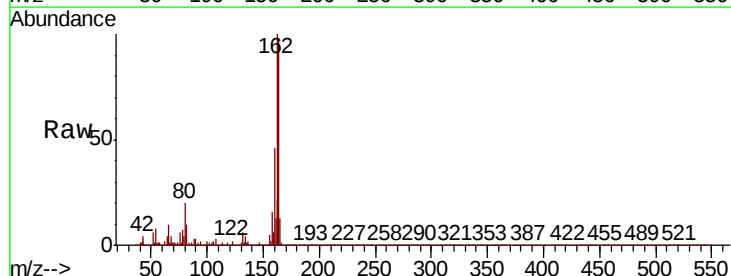
Instrument :
BNA_P
ClientSampleId :

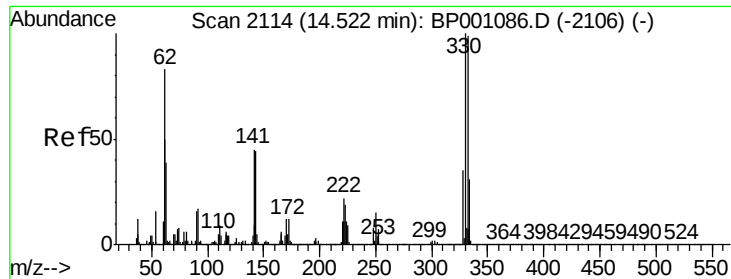
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.7	109.1
116	5.1	3.8	5.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	46.6	36.3	54.5

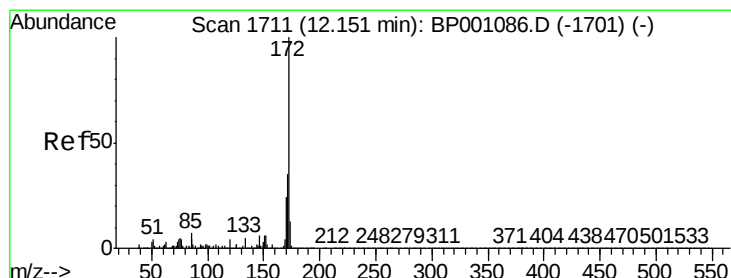
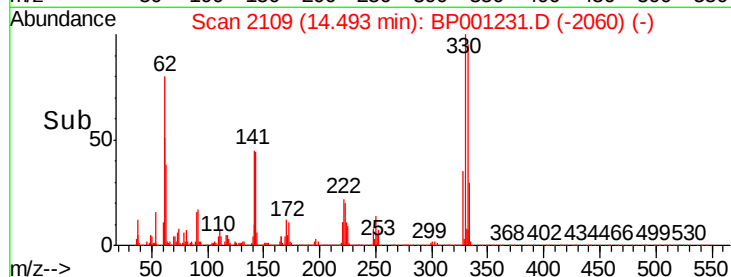
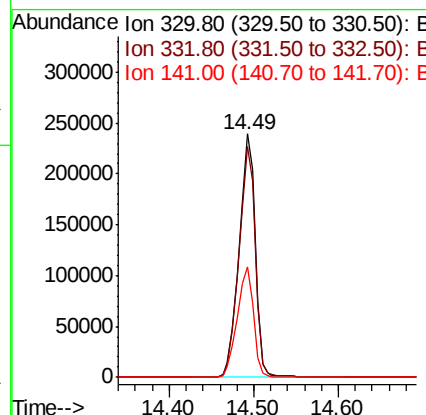
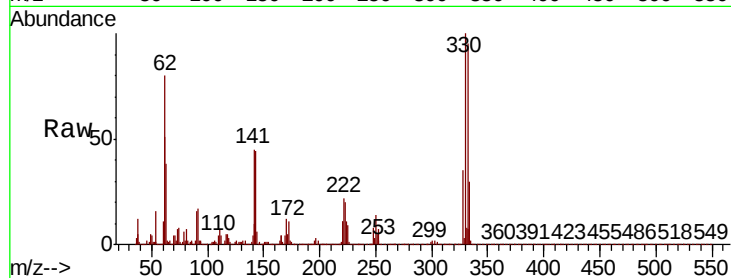




#42
2,4,6-Tribromophenol
Concen: 187.263 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

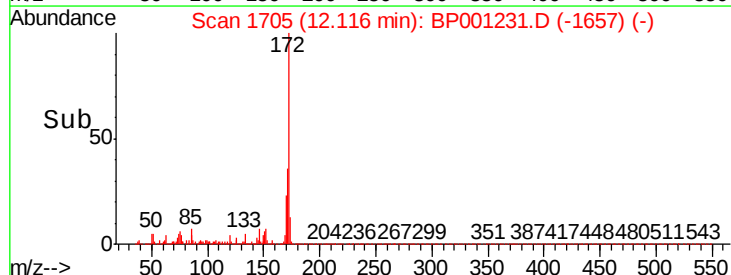
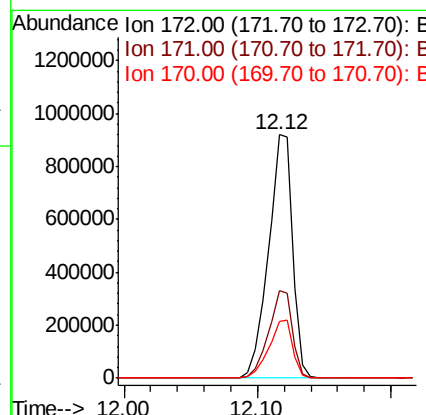
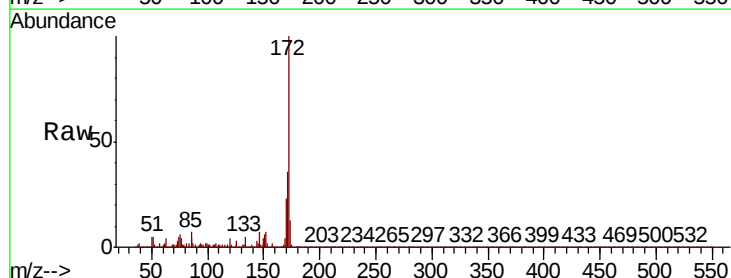
Instrument :
BNA_P
ClientSampleId :

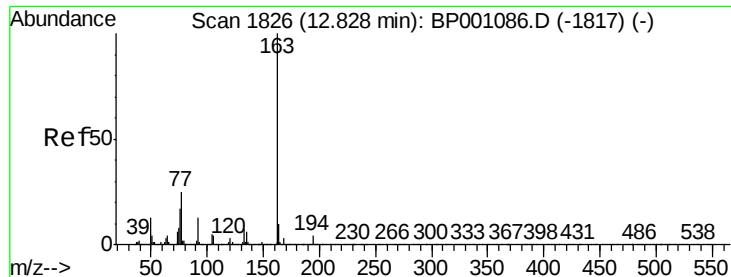
Tot Ion:330 Resp: 313280
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 45.7 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 96.397 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

Tgt Ion:172 Resp: 1149577
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.4 19.2 28.8





#50

Dimethylphthalate

Concen: 3.970 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

Instrument :

BNA_P

ClientSampleId :

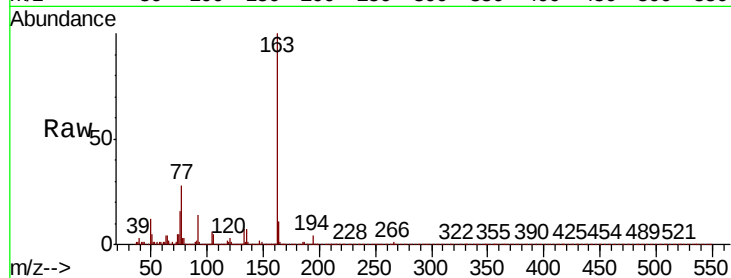
Tot Ion:163 Resp: 51822

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

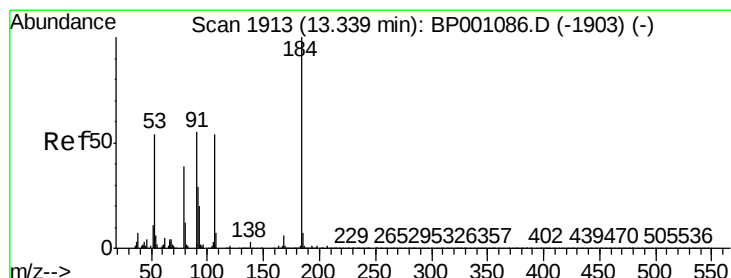
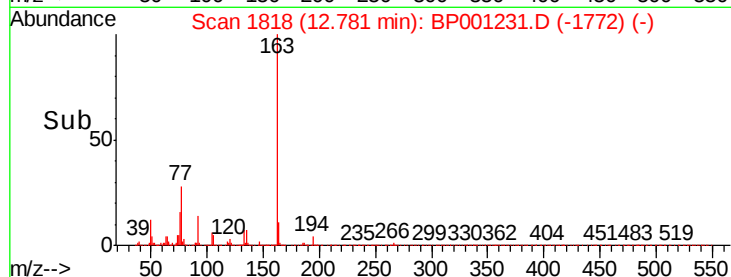
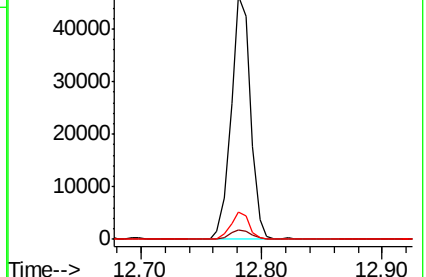
164 11.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 7.123 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001231.D

Acq: 06 Dec 2019 15:55

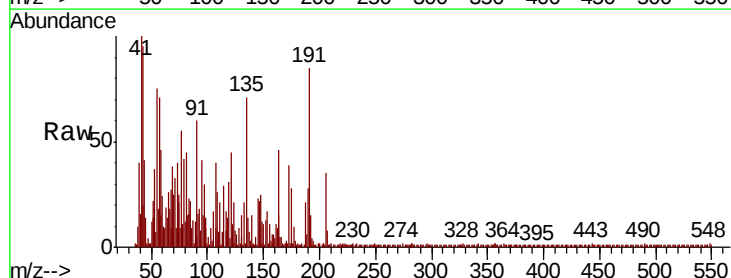
Tgt Ion:184 Resp: 18

Ion Ratio Lower Upper

184 100

63 961.1 69.4 104.0#

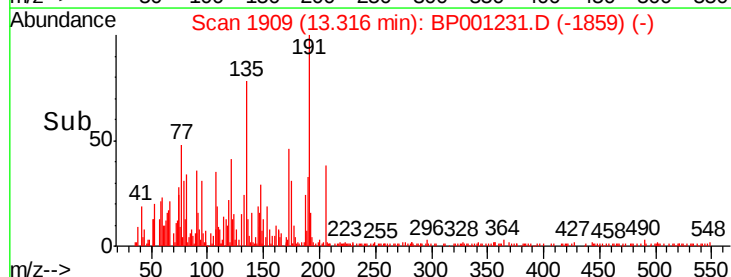
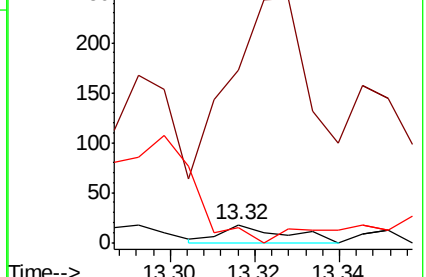
154 83.3 57.4 86.2

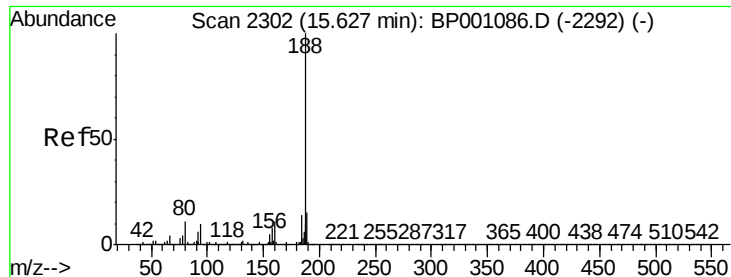


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

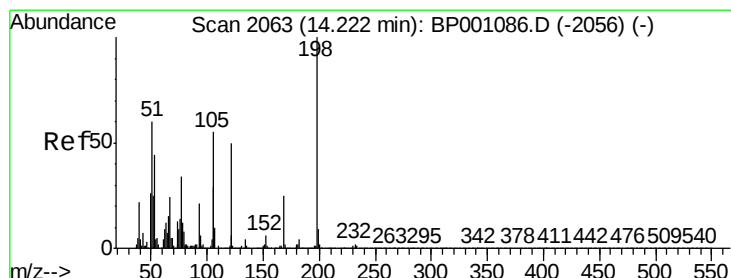
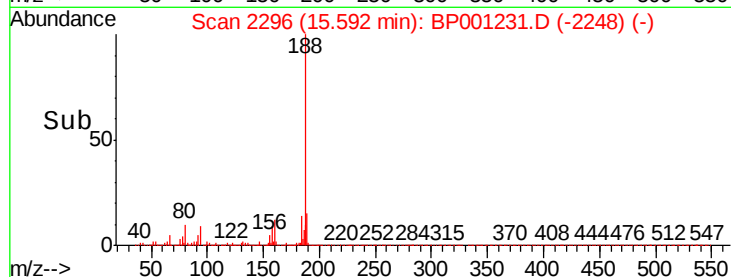
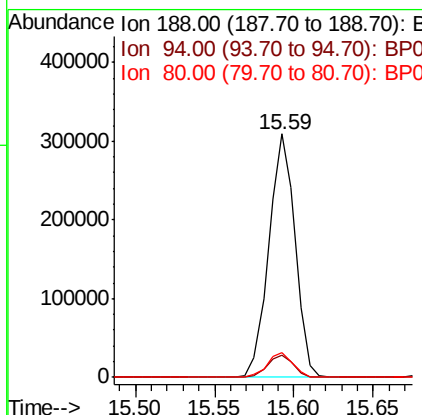
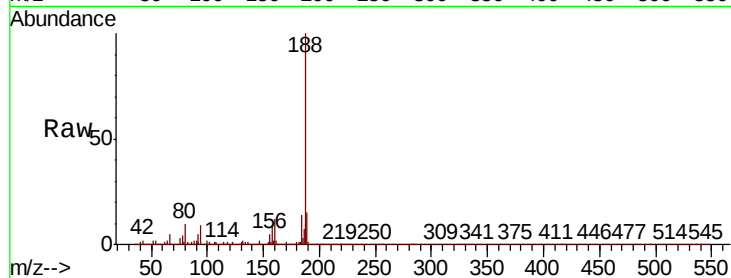




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

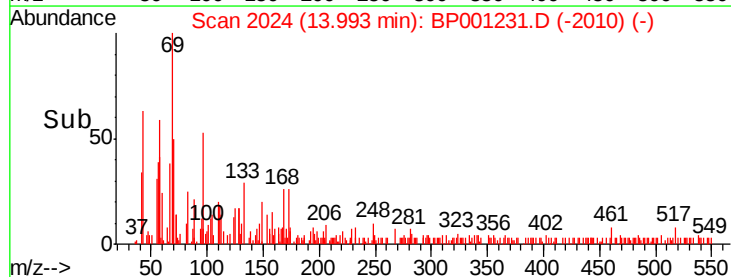
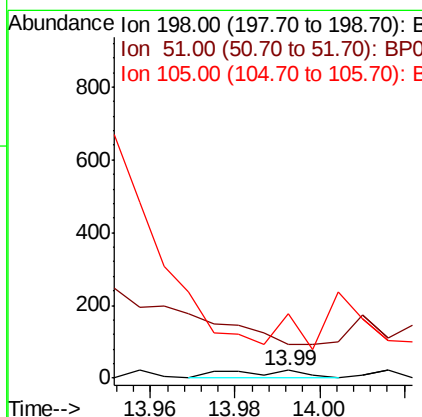
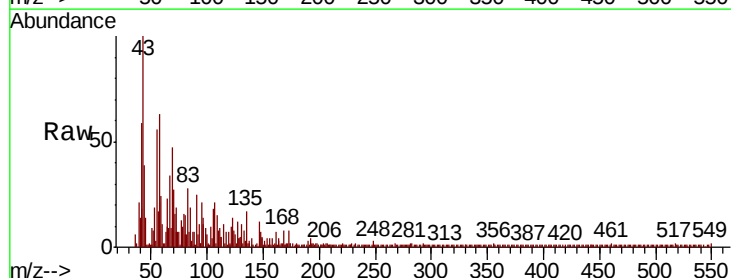
Instrument :
BNA_P
ClientSampleId :

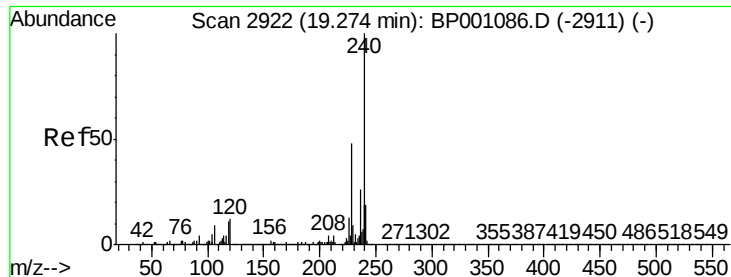
Tot Ion:188 Resp: 356768
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.0 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.292 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.22 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

Tgt Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
51 422.7 36.2 76.2#
105 809.1 30.2 70.2#

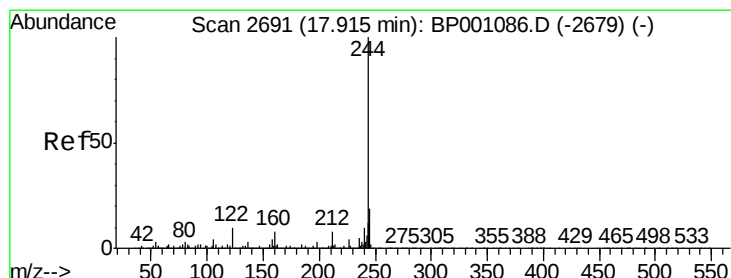
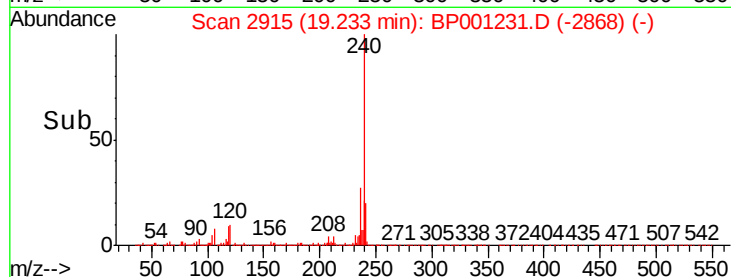
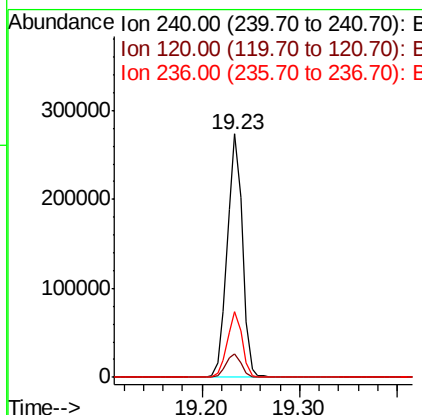
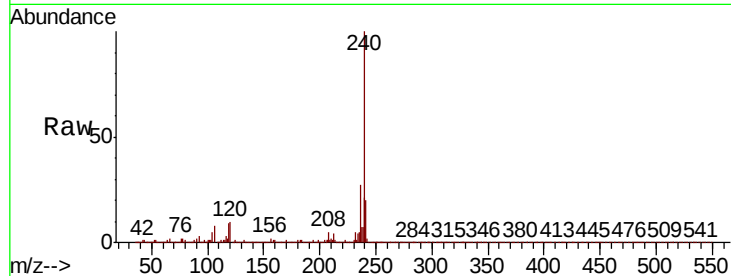




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

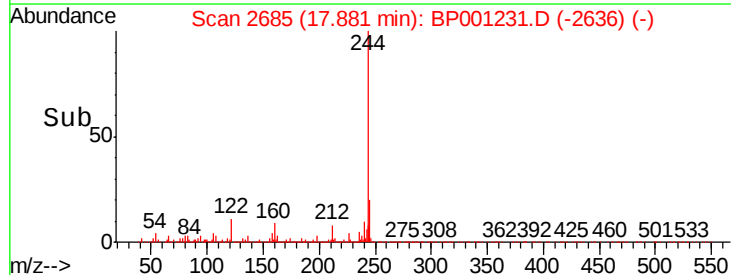
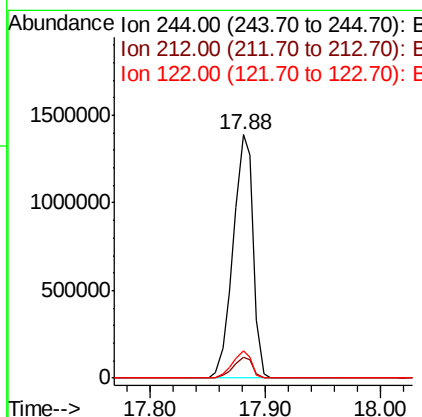
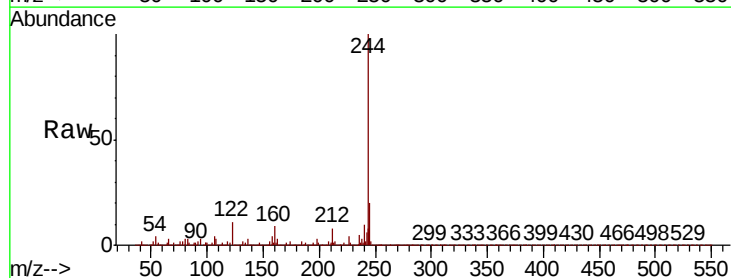
Instrument :
BNA_P
ClientSampleId :

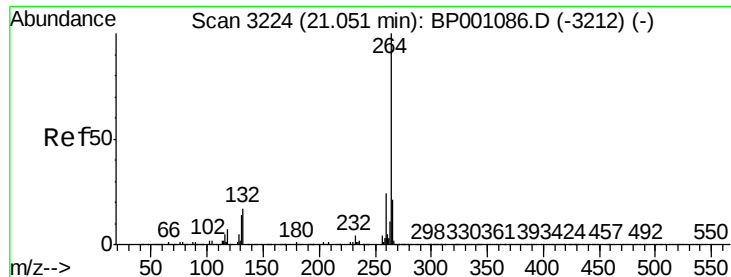
Tot Ion:240 Resp: 295492
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 27.0 21.7 32.5



#79
Terphenyl-d14
Concen: 104.301 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

Tgt Ion:244 Resp: 1665876
Ion Ratio Lower Upper
244 100
212 8.4 6.6 9.8
122 11.2 9.2 13.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BP001231.D
Acq: 06 Dec 2019 15:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.6	17.1	25.7

