

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000110.D
 Acq On : 08 Sep 2019 23:54
 Operator : HP/JU
 Sample : K4696-08RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 09 06:15:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

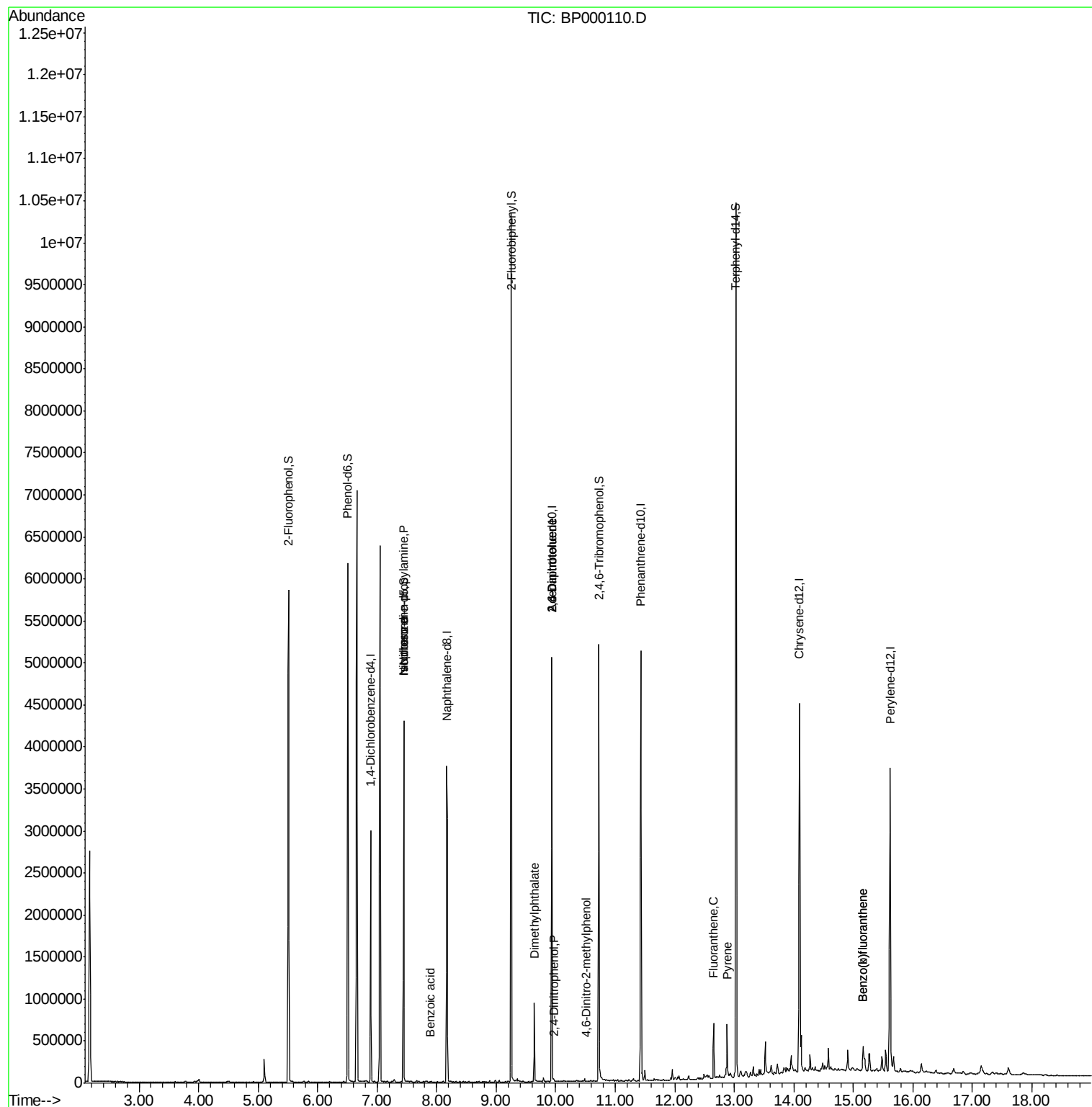
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	430786	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1604862	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	880703	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1664011	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	1441541	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1551842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1737664	64.32	ng	0.00
7) Phenol-d6	6.50	99	2427429	71.18	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1344862	51.42	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	532818	71.78	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	2859063	54.21	ng	0.00
79) Terphenyl-d14	13.03	244	3512073	53.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	162722	8.384	ng	# 75
25) Isophorone	7.45	82	1344084	24.321	ng	# 66
32) Benzoic acid	7.89	122	182	8.072	ng	# 87
50) Dimethylphthalate	9.64	163	345898	5.764	ng	100
51) 2,6-Dinitrotoluene	9.93	165	114886	9.019	ng	# 30
54) 2,4-Dinitrophenol	9.98	184	574	8.755	ng	# 28
57) 2,4-Dinitrotoluene	9.93	165	114936	7.067	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.52	198	314	7.765	ng	# 76
69) Atrazine	11.12	200	1117	Below Cal		90
75) Fluoranthene	12.65	202	222803	2.472	ng	94
78) Pyrene	12.88	202	221126	2.085	ng	97
88) Benzo(b)fluoranthene	15.16	252	225341	2.377	ng	98
89) Benzo(k)fluoranthene	15.16	252	225341	2.598	ng	99

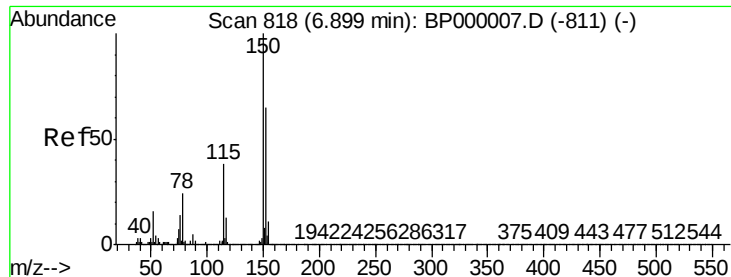
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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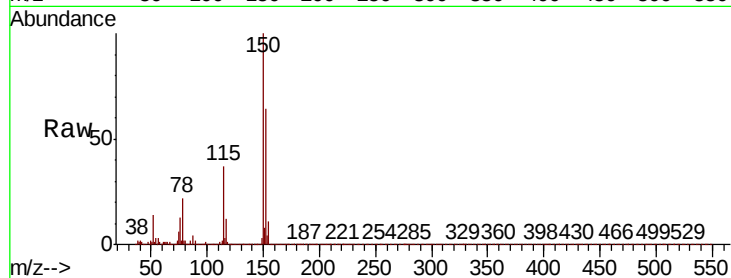


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	57.7	46.7	70.1

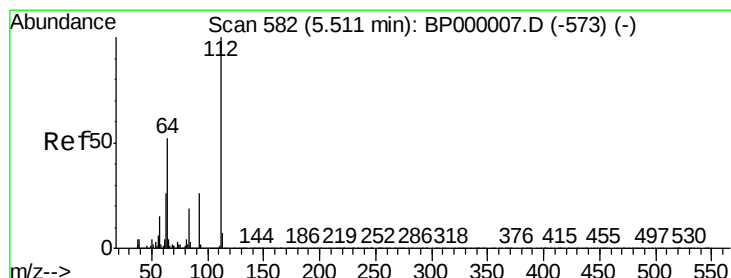
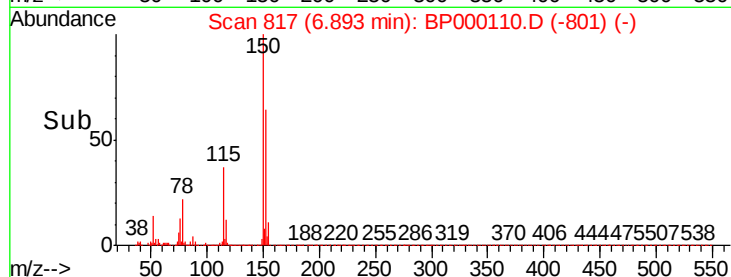
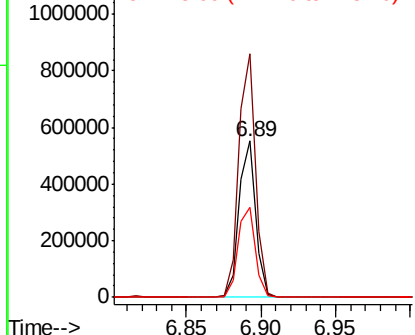


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

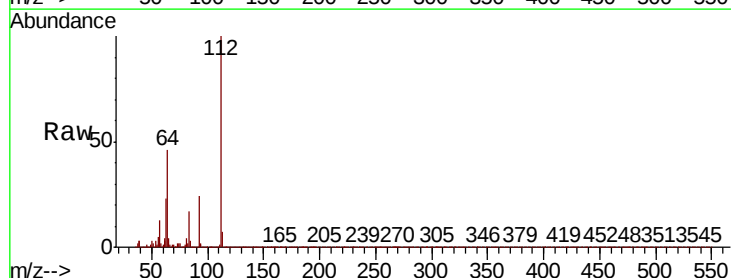
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.322 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.9	41.8	62.8
63	23.1	21.0	31.4

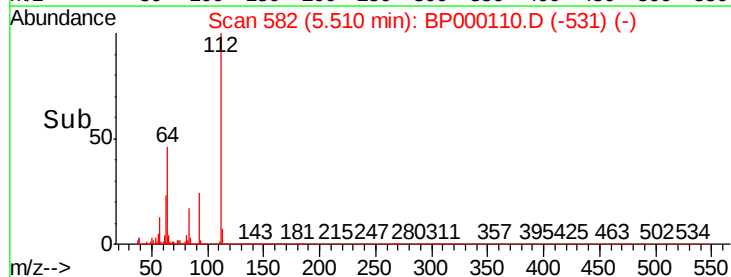
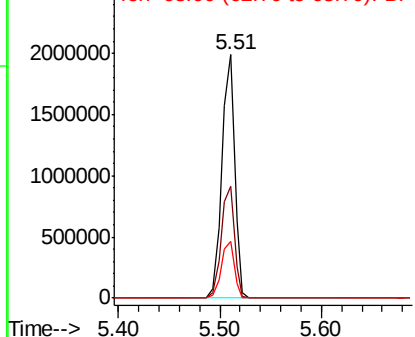


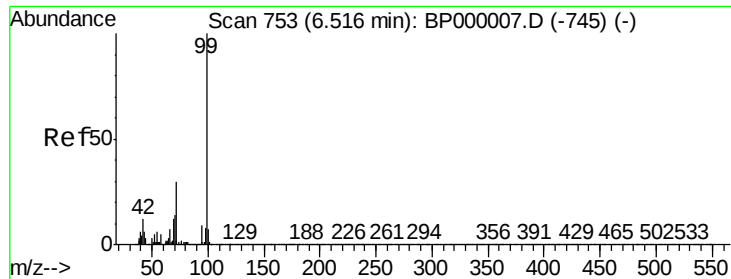
Abundance

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: 71.177 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

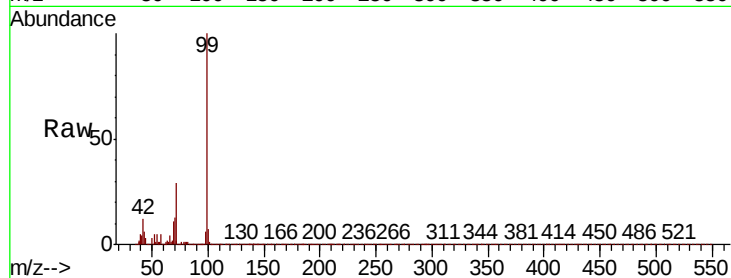
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2427429

Ion	Ratio	Lower	Upper
99	100		
42	11.6	9.8	14.8
71	29.0	23.8	35.8

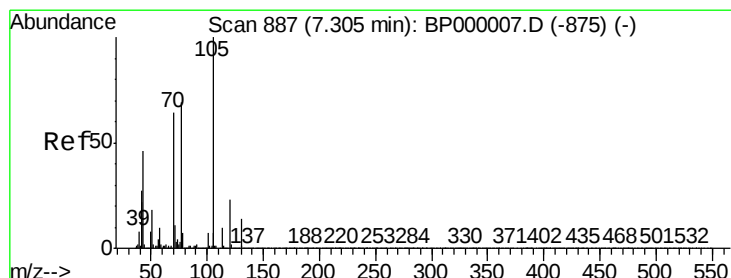
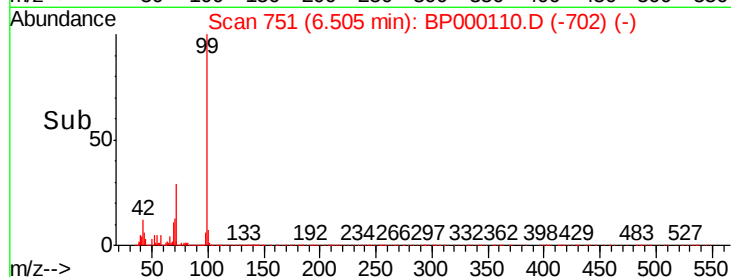
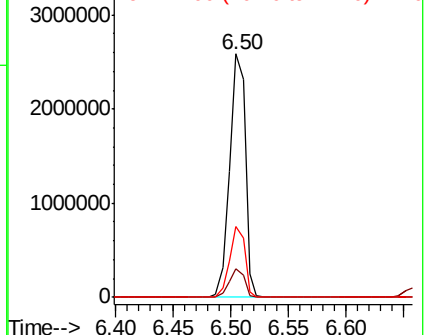


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 8.384 ng

RT: 7.45 min Scan# 911

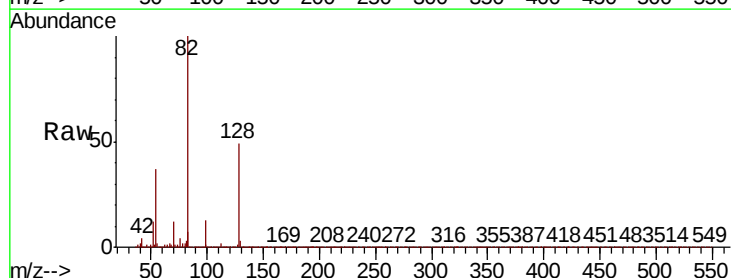
Delta R.T. 0.14 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

Tgt Ion: 70 Resp: 162722

Ion	Ratio	Lower	Upper
70	100		
42	33.0	33.8	50.6#
101	0.0	8.7	13.1#
130	2.5	18.1	27.1#



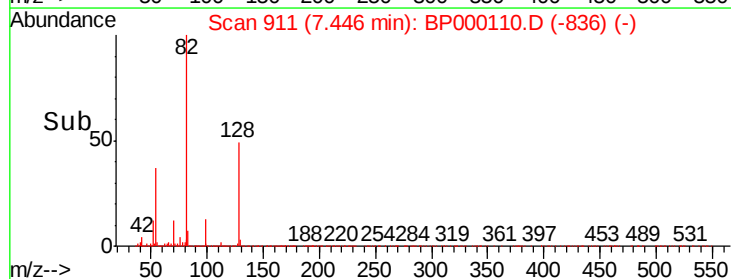
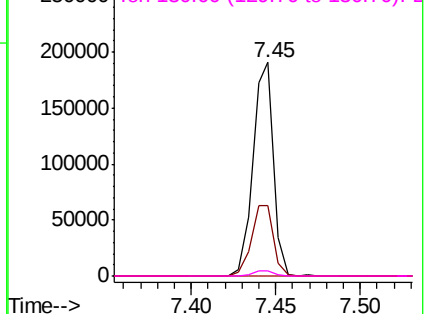
Abundance

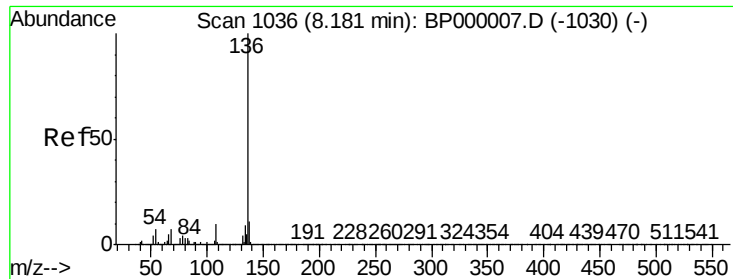
Ion 70.00 (69.70 to 70.70): BP0

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

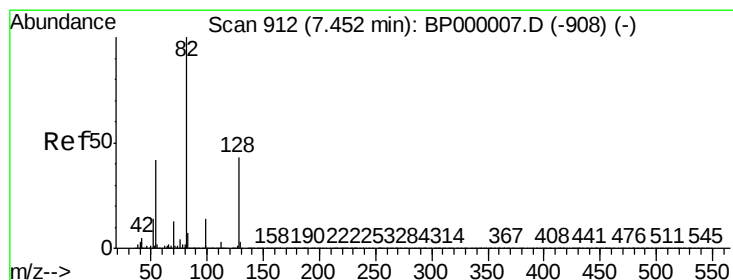
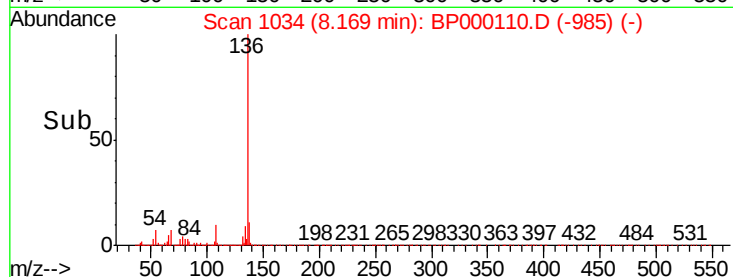
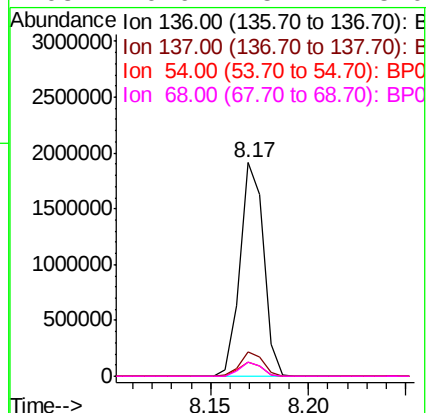
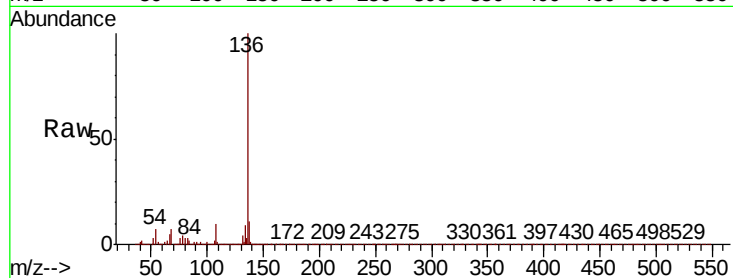




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

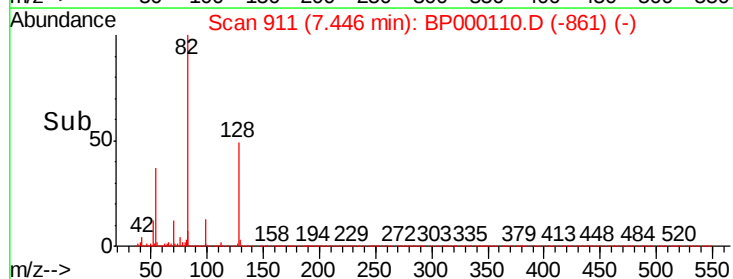
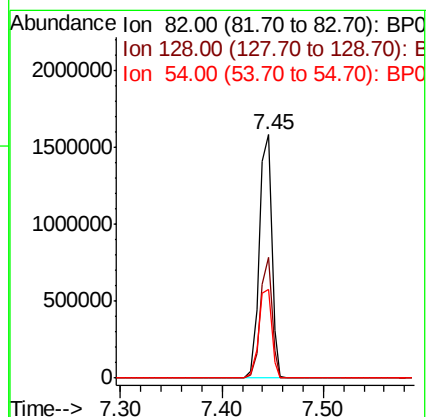
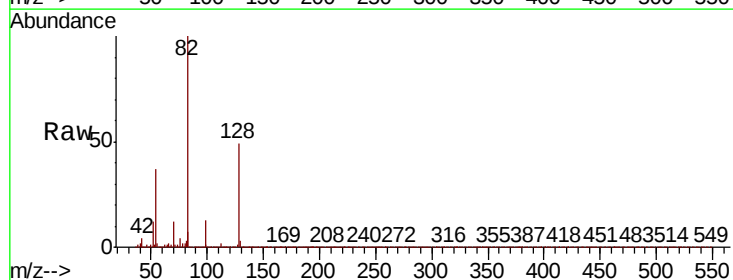
Instrument :
BNA_P
ClientSampled :

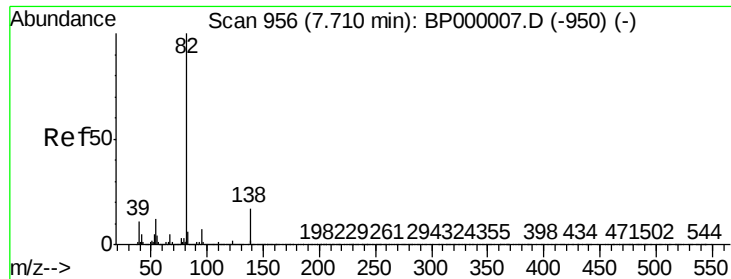
Tot Ion:136	Resp: 1604862
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 13.0
54 6.6	5.4 8.2
68 6.6	5.4 8.0



#23
Nitrobenzene-d5
Concen: 51.419 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion: 82	Resp: 1344862
Ion Ratio	Lower Upper
82 100	
128 49.4	34.5 51.7
54 36.6	33.2 49.8





#25

Isophorone

Concen: 24.321 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

Instrument :

BNA_P

ClientSampleId :

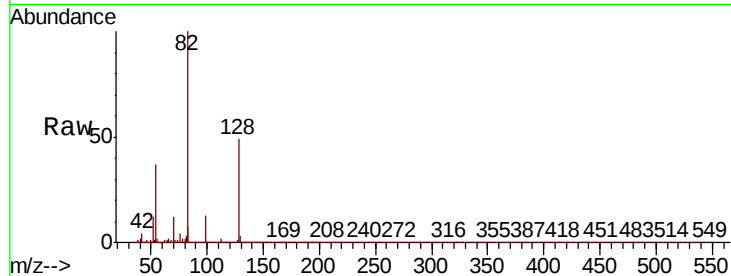
Tot Ion: 82 Resp: 1344084

Ion Ratio Lower Upper

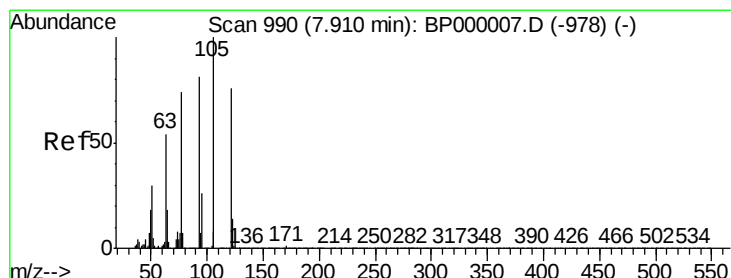
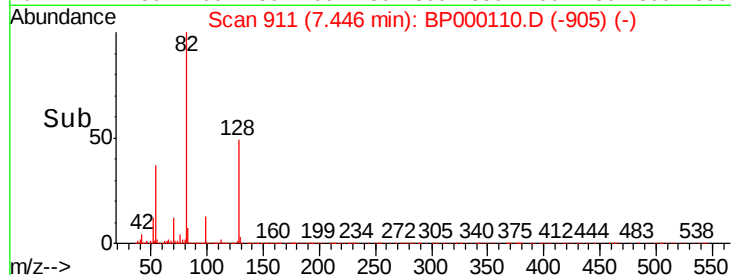
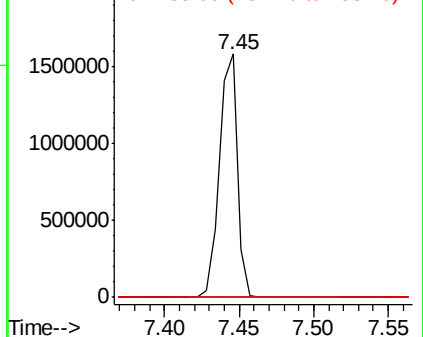
82 100

95 0.0 5.6 8.4#

138 0.0 13.8 20.6#



Abundance Ion 82.00 (81.70 to 82.70): BPO
Ion 95.00 (94.70 to 95.70): BPO
Ion 138.00 (137.70 to 138.70): BPO



#32

Benzoic acid

Concen: 8.072 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

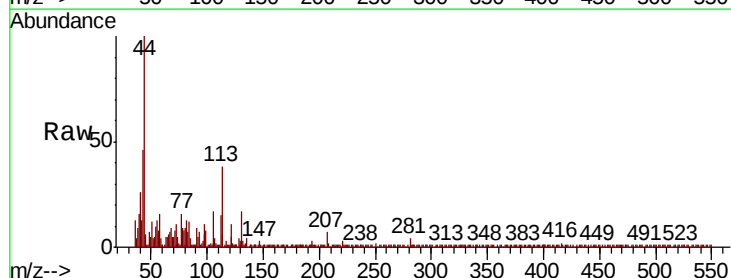
Tgt Ion: 122 Resp: 182

Ion Ratio Lower Upper

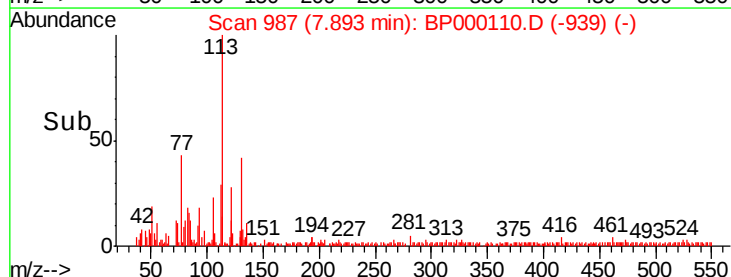
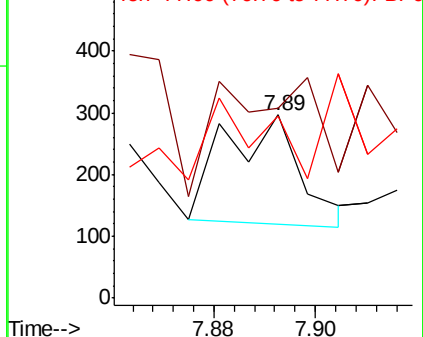
122 100

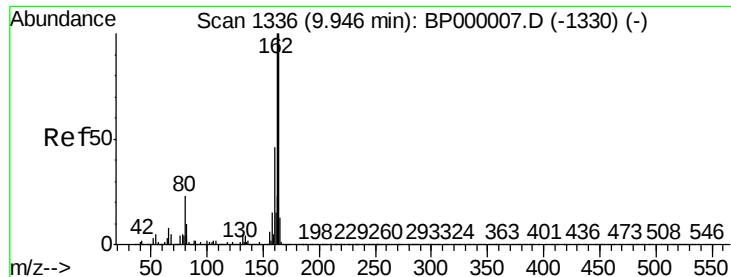
105 103.7 104.6 144.6#

77 99.7 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): BPO
Ion 105.00 (104.70 to 105.70): BPO
Ion 77.00 (76.70 to 77.70): BPO

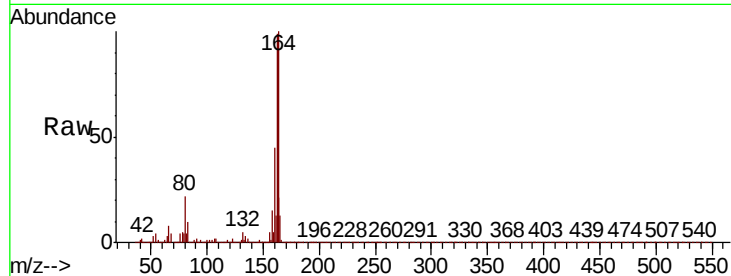




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.2	120.4
160	44.9	36.6	55.0

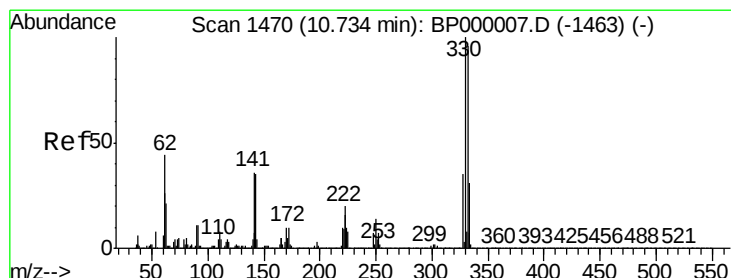
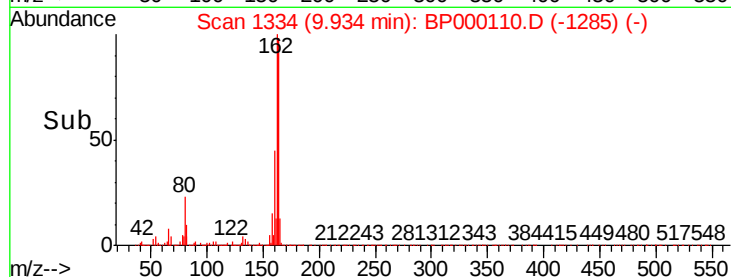
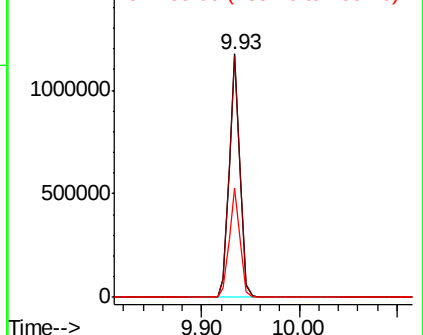


Abundance

Ion 164.00 (163.70 to 164.70): E

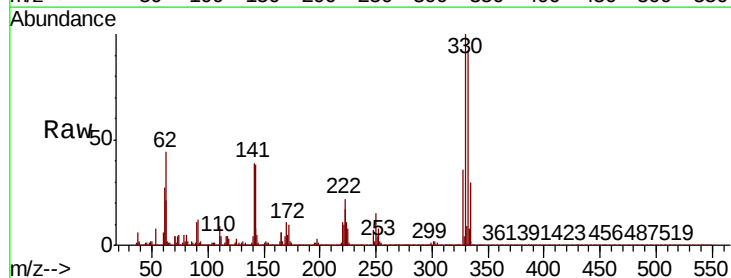
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 71.775 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.8	115.2
141	38.1	33.6	50.4

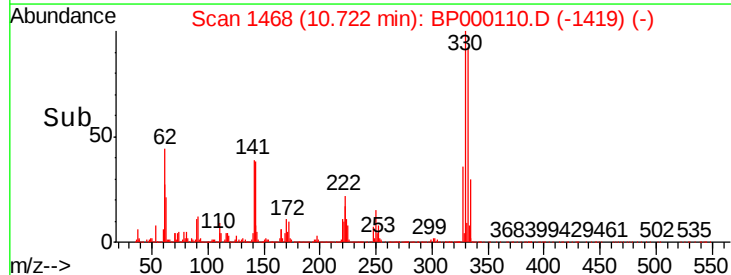
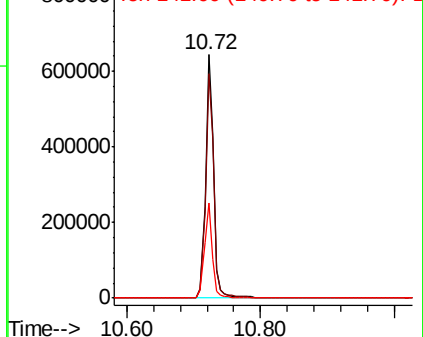


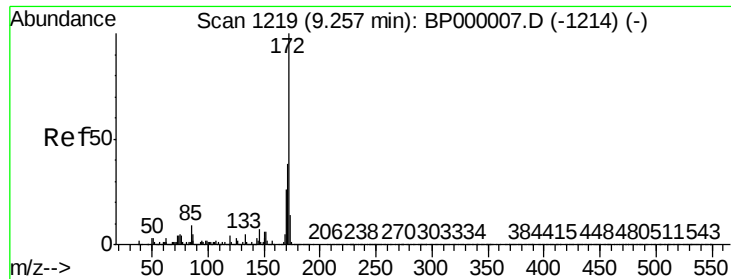
Abundance

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

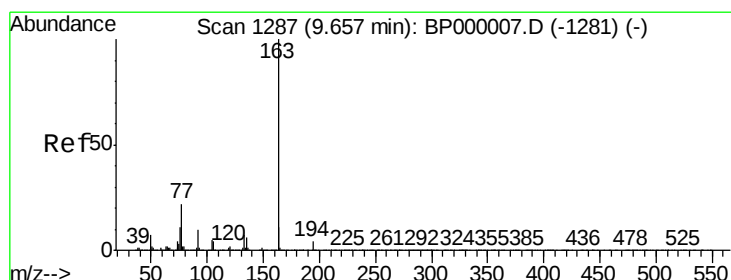
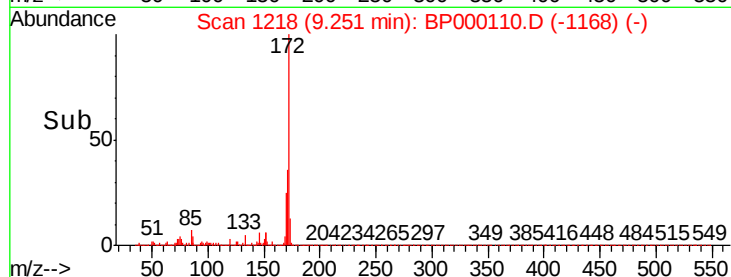
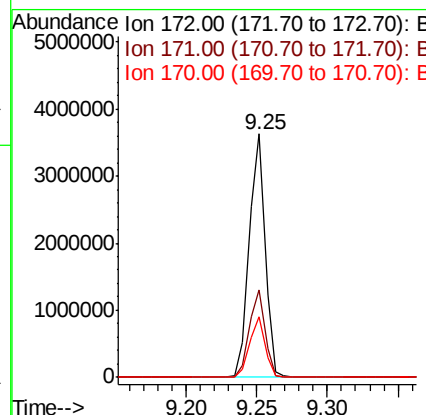
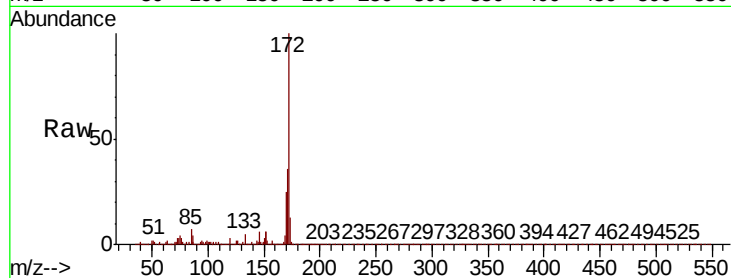




#45
2-Fluorobiphenyl
Concen: 54.214 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

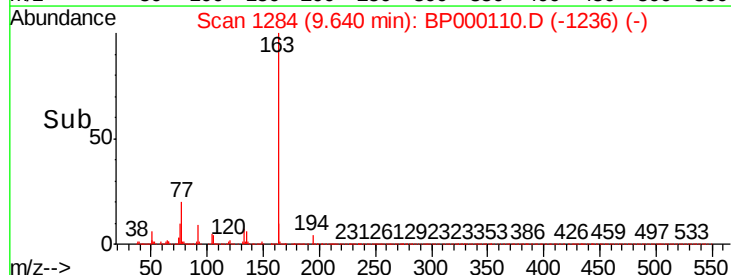
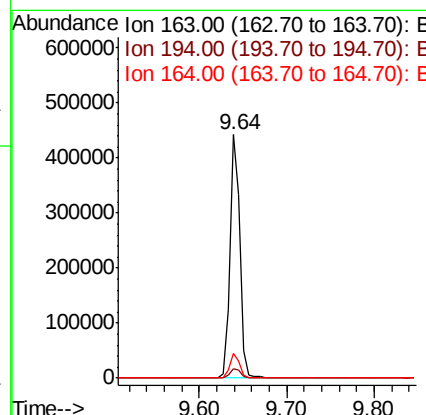
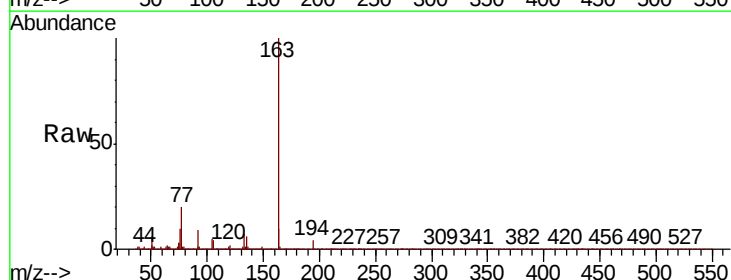
Instrument :
BNA_P
ClientSampleId :

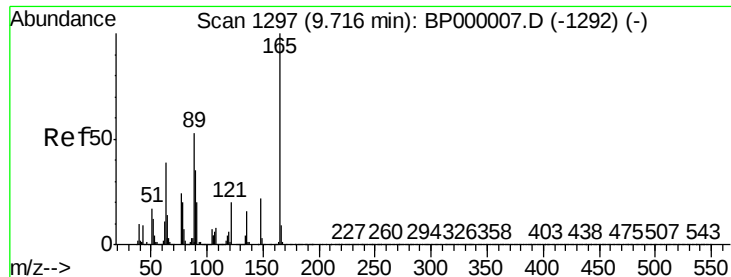
Tot Ion:172 Resp: 2859063
Ion Ratio Lower Upper
172 100
171 35.9 30.7 46.1
170 24.7 20.7 31.1



#50
Dimethylphthalate
Concen: 5.764 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion:163 Resp: 345898
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.4 12.6

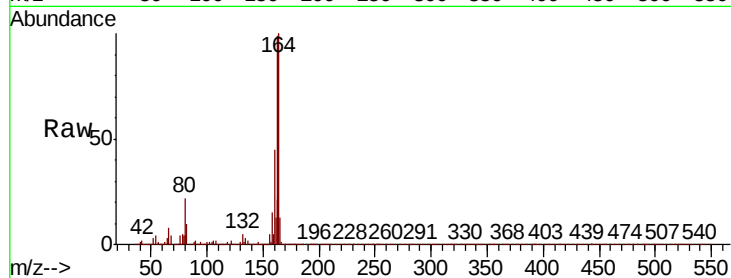




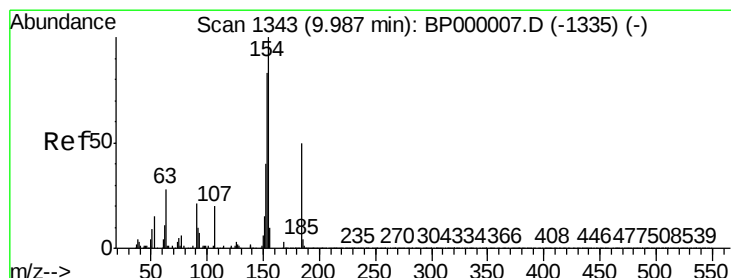
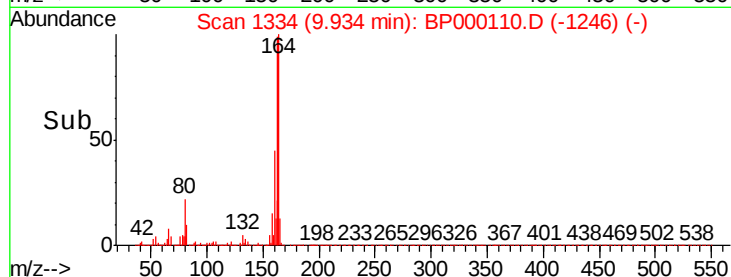
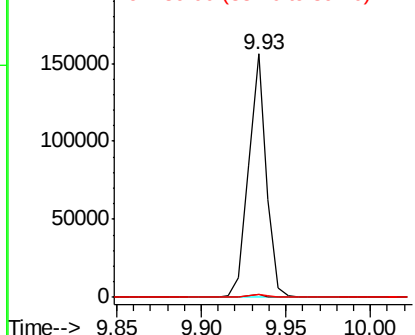
#51
2,6-Dinitrotoluene
Concen: 9.019 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.8	53.6#
89	1.2	42.2	63.4#

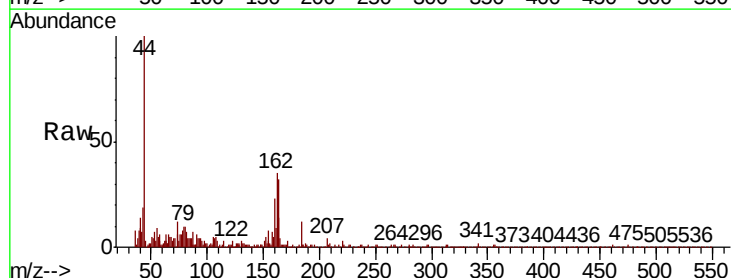


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

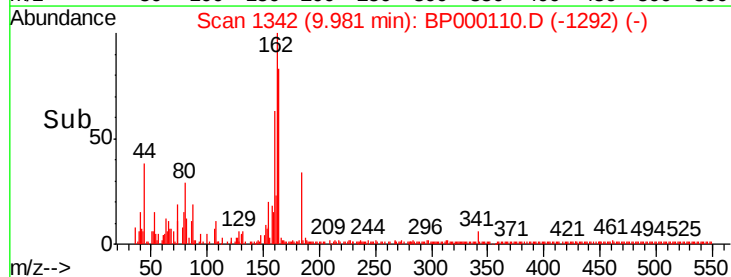
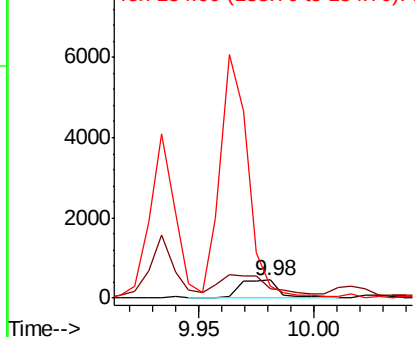


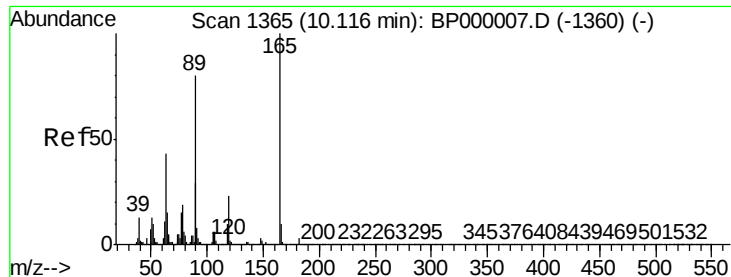
#54
2,4-Dinitrophenol
Concen: 8.755 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.9	46.0	69.0
154	64.1	161.9	242.9#



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

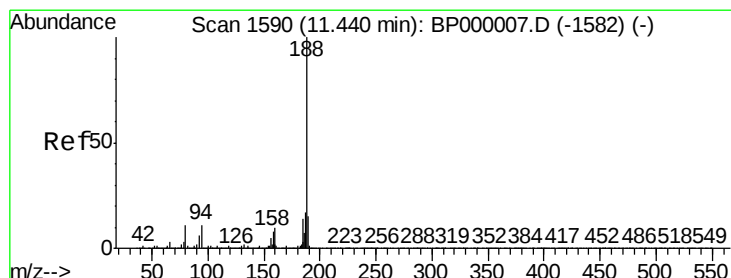
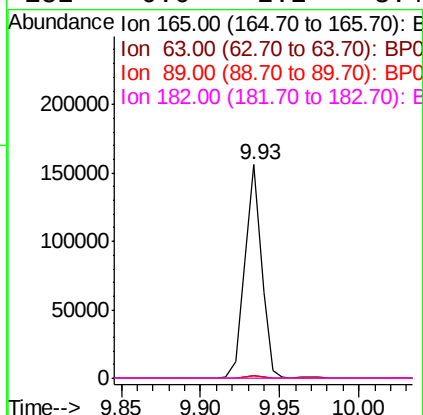
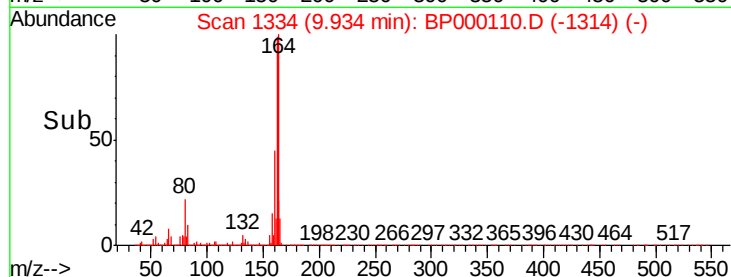
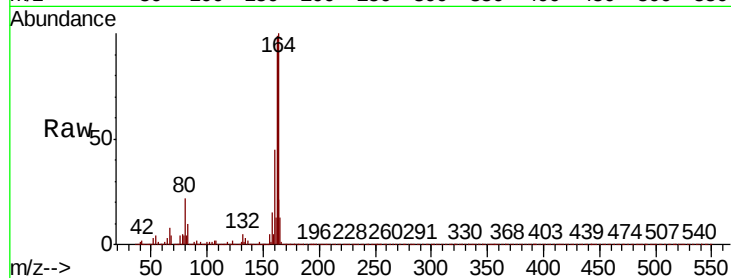




#57
2,4-Dinitrotoluene
Concen: 7.067 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

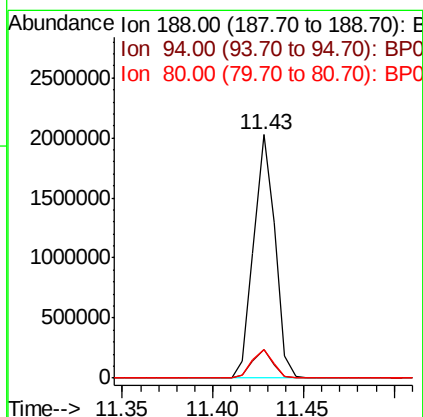
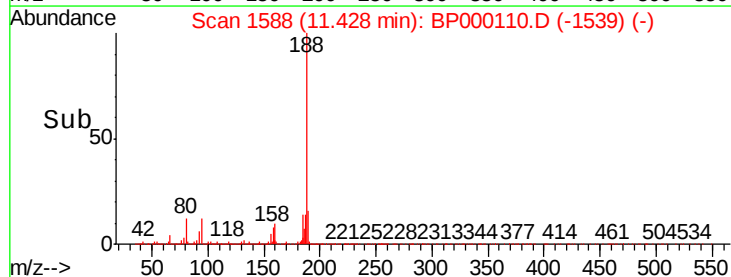
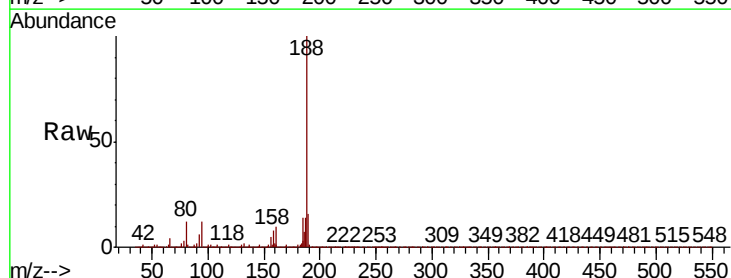
Instrument :
BNA_P
ClientSampleId :

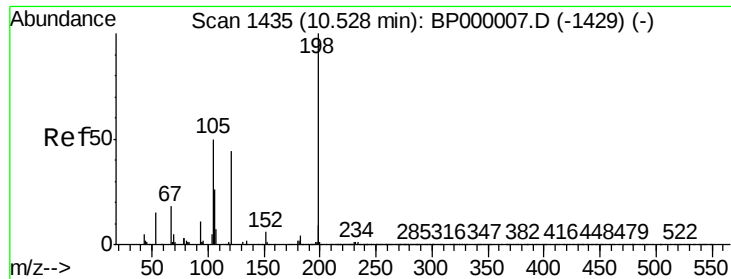
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.4	51.6#
89	1.2	64.3	96.5#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.8	13.2
80	11.6	9.0	13.6

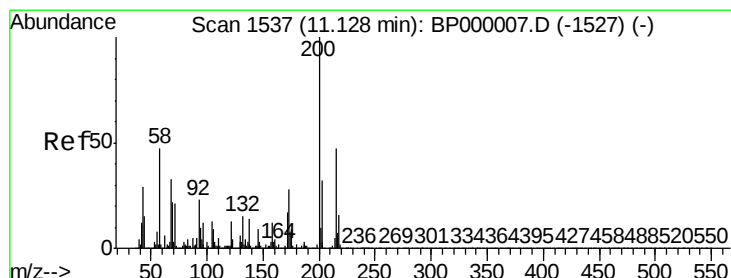
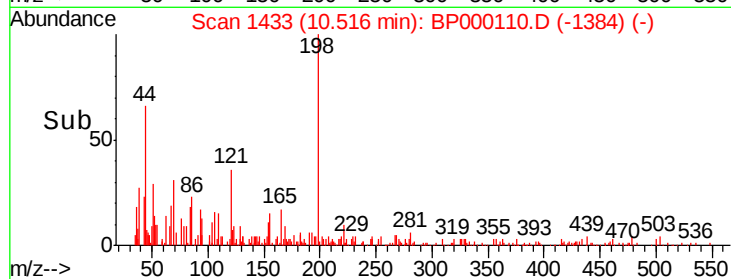
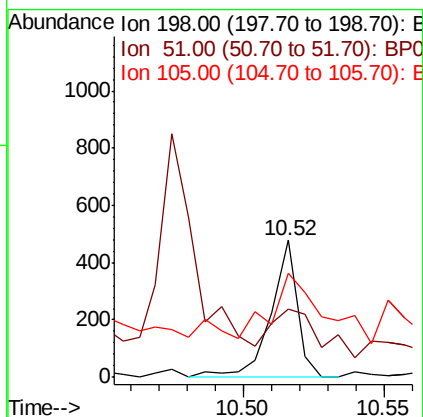
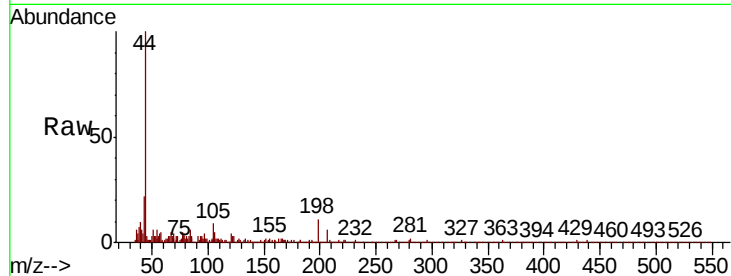




#65
4,6-Dinitro-2-methylphenol
Concen: 7.765 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

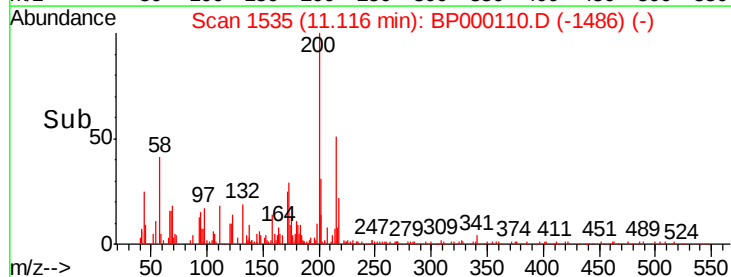
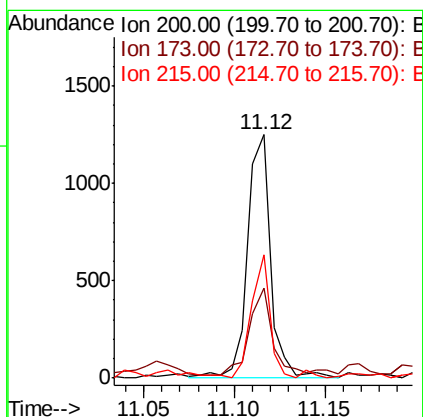
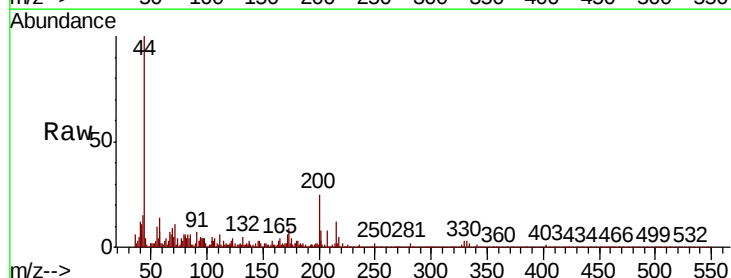
Instrument :
BNA_P
ClientSampled :

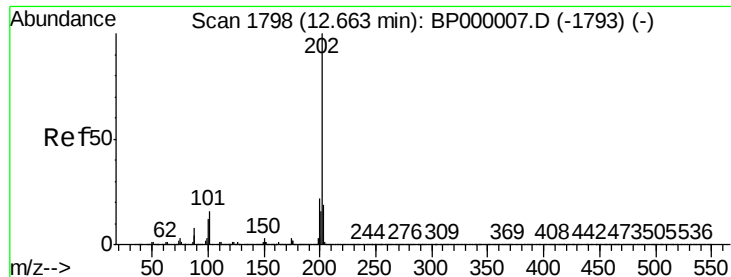
Tot Ion:198 Resp: 314
Ion Ratio Lower Upper
198 100
51 49.3 22.1 62.1
105 76.2 32.0 72.0#



#69
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion:200 Resp: 1117
Ion Ratio Lower Upper
200 100
173 37.0 8.1 48.1
215 50.4 26.7 66.7





#75

Fluoranthene

Concen: 2.472 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BP000110.D

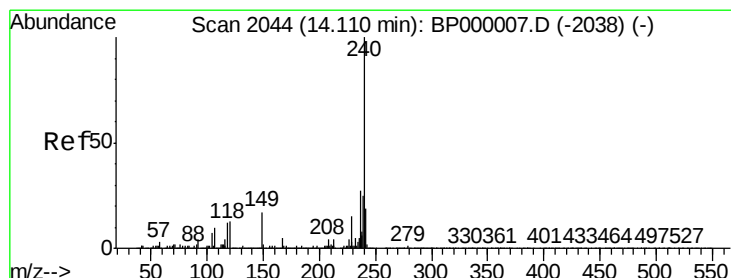
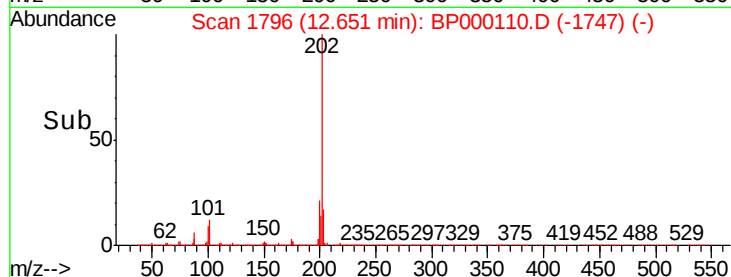
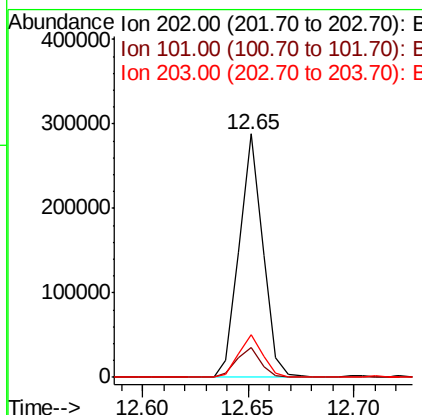
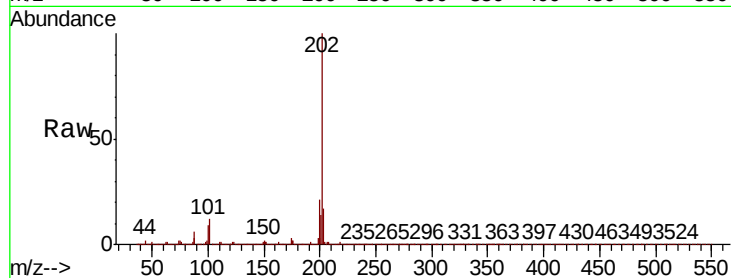
Acq: 08 Sep 2019 23:54

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	222803
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	36.4
203	17.4	0.0	38.7



#76

Chrysene-d12

Concen: 20.000 ng

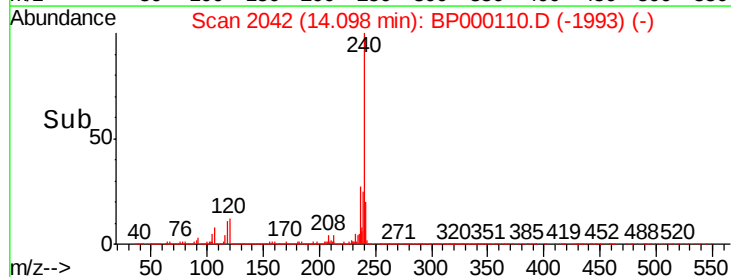
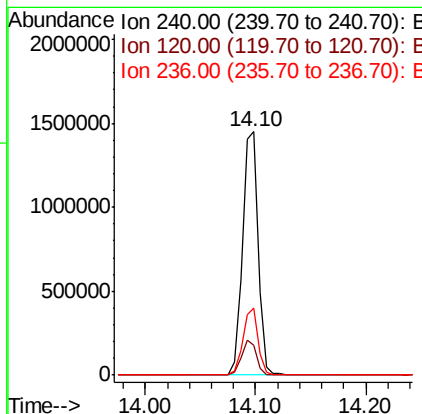
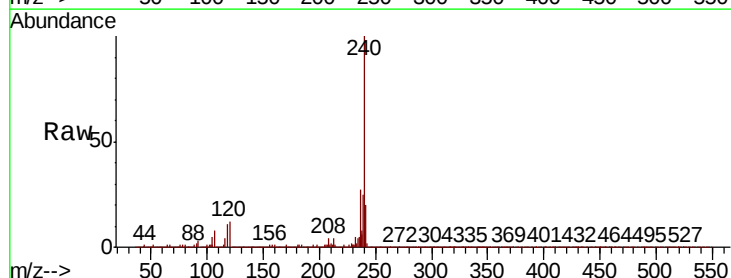
RT: 14.10 min Scan# 2042

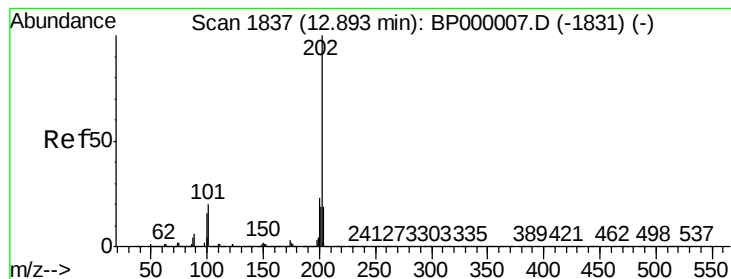
Delta R.T. -0.01 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

Tgt Ion:	240	Resp:	1441541
Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.5	15.7
236	27.4	21.5	32.3





#78

Pvrene

Concen: 2.085 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

Instrument :

BNA_P

ClientSampleId :

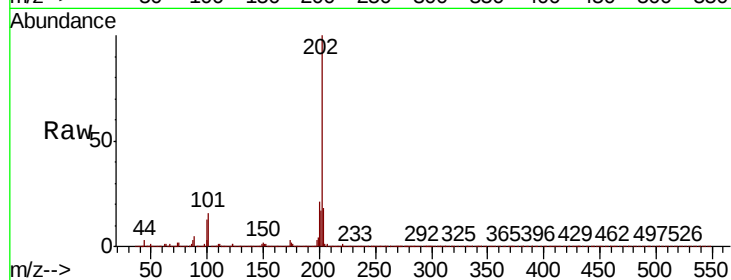
Tot Ion:202 Resp: 221126

Ion Ratio Lower Upper

202 100

200 21.1 18.5 27.7

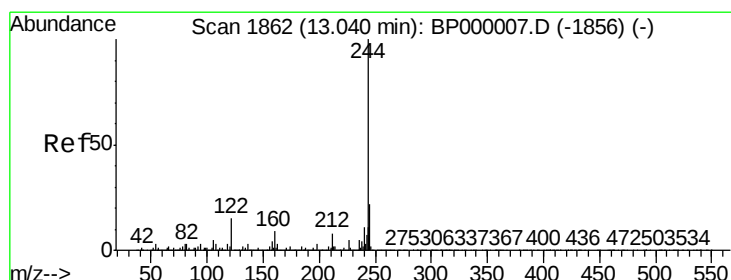
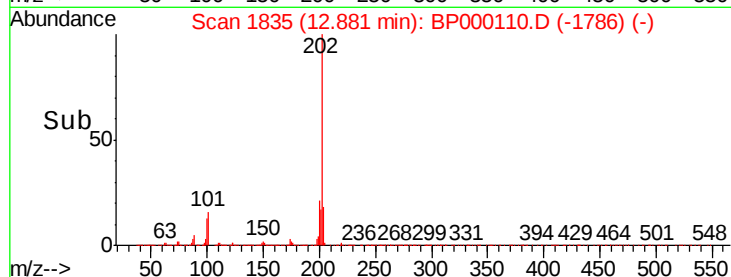
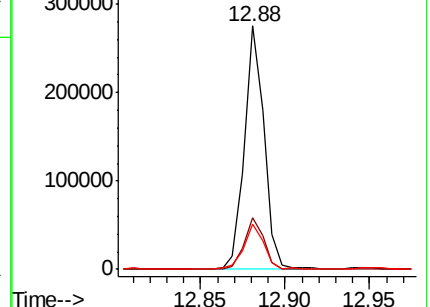
203 18.4 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 53.103 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

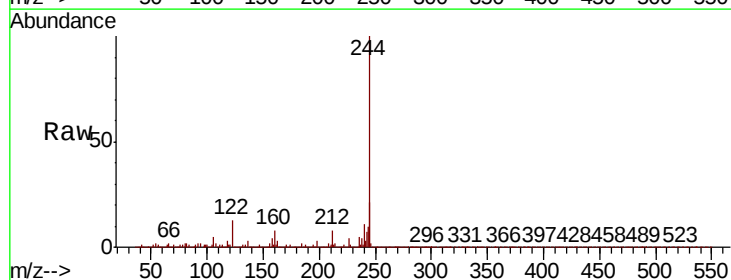
Tgt Ion:244 Resp: 3512073

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

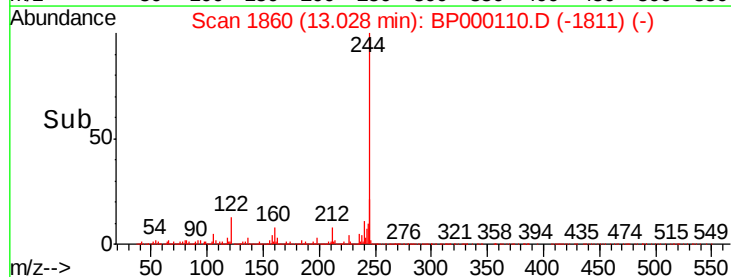
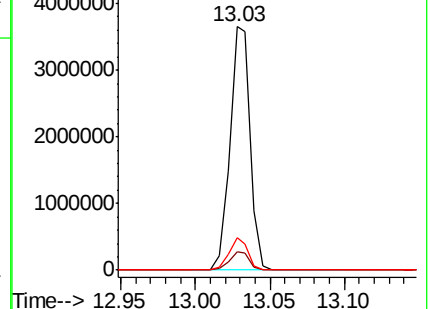
122 13.4 12.3 18.5

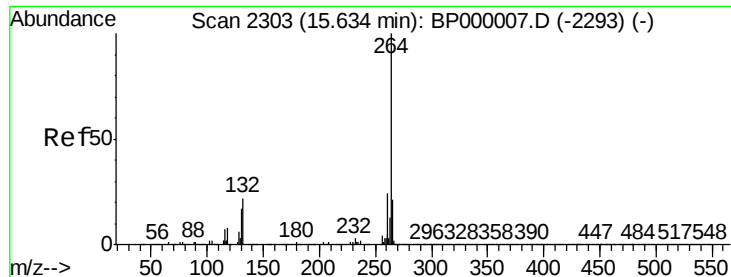


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



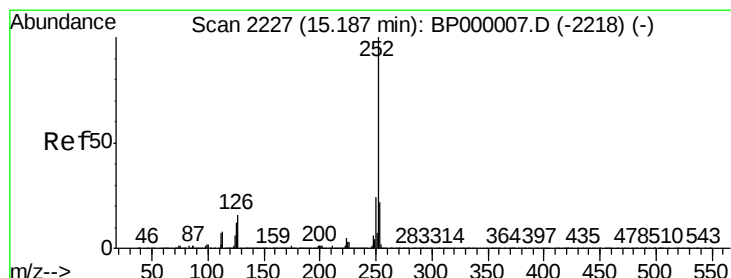
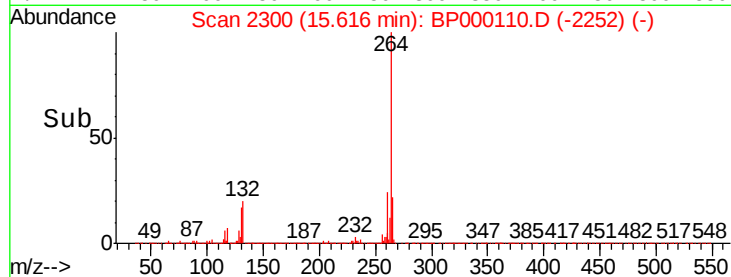
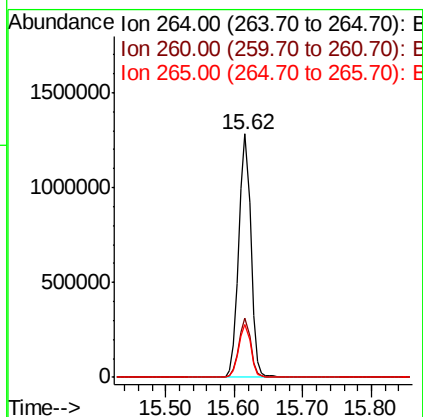
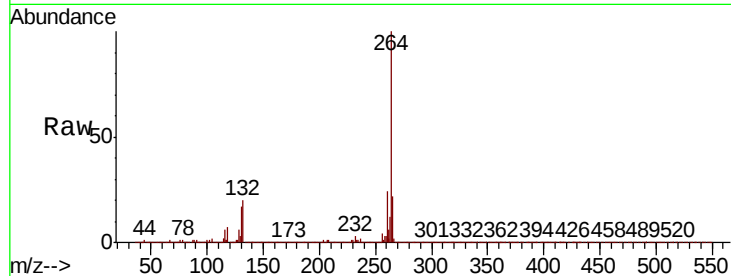


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1551842

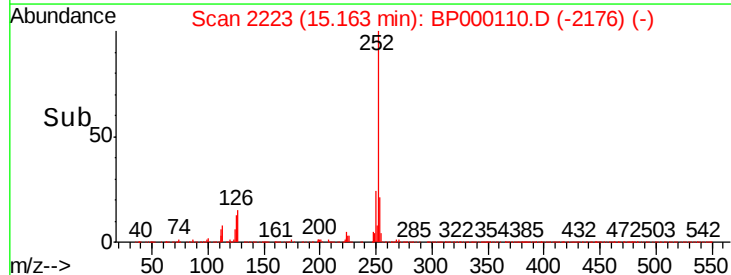
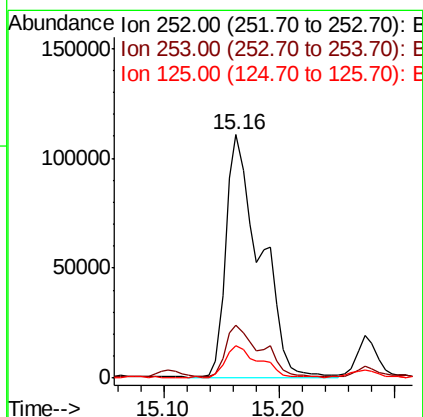
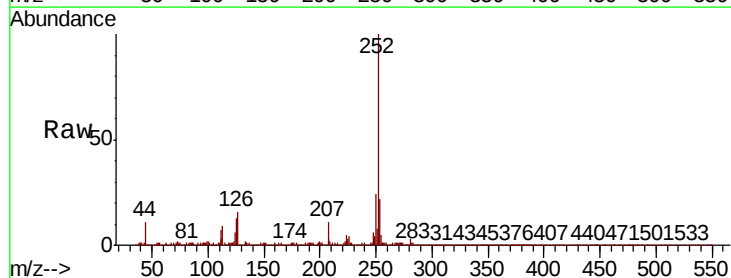
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.6	17.1	25.7

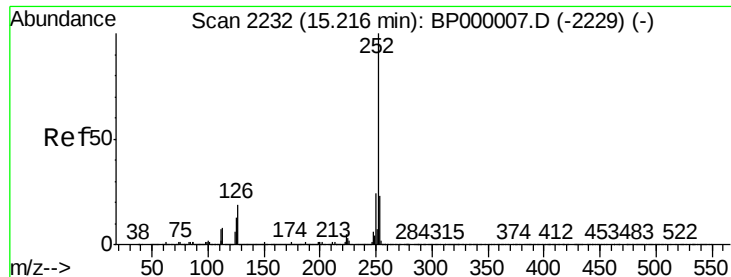


#88
Benzo(b)fluoranthene
Concen: 2.377 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BP000110.D
Acq: 08 Sep 2019 23:54

Tgt Ion:252 Resp: 225341

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	13.4	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 2.598 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.05 min

Lab File: BP000110.D

Acq: 08 Sep 2019 23:54

Instrument :

BNA_P

ClientSampleId :

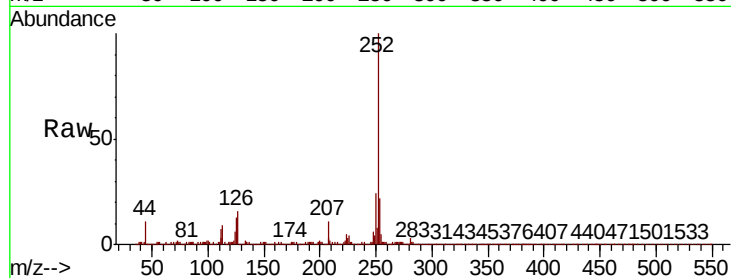
Tot Ion:252 Resp: 225341

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 13.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

150000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

