

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000502.D
 Acq On : 03 Oct 2019 17:57
 Operator : JU
 Sample : K5131-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190827-COMPOSITE-C

Quant Time: Oct 04 01:30:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	263955	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	487896	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	287232	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	545732	20.00	ng	0.00
76) Chrysene-d12	13.98	240	477795	20.00	ng	0.00
87) Perylene-d12	15.46	264	512323	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1691828	103.03	ng	0.02
7) Phenol-d6	6.42	99	1598718	80.79	ng	0.00
23) Nitrobenzene-d5	7.33	82	1269857	158.96	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	563967	184.26	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1744874	98.29	ng	0.00
79) Terphenyl-d14	12.92	244	2209239	93.62	ng	0.00

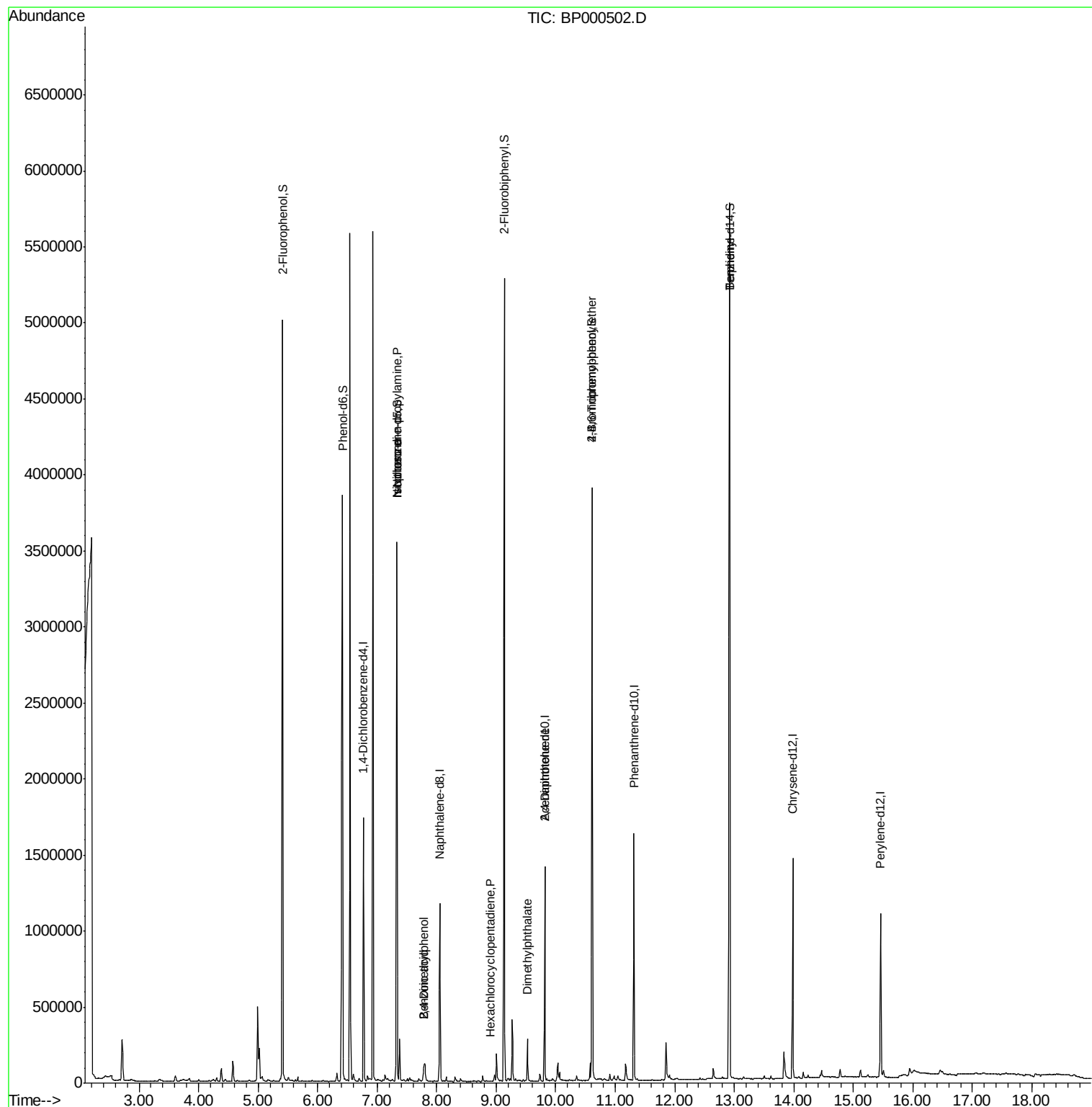
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	158714	17.401	ng	# 73
25) Isophorone	7.33	82	1269635	89.551	ng	# 61
27) 2,4-Dimethylphenol	7.79	122	29654	4.775	ng	# 6
32) Benzoic acid	7.79	122	29654	7.562	ng	92
41) Hexachlorocyclopentadiene	8.90	237	20	7.302	ng	76
50) Dimethylphthalate	9.53	163	101169	5.069	ng	100
57) 2,4-Dinitrotoluene	9.82	165	37377	6.477	ng	# 32
67) 4-Bromophenyl-phenylether	10.61	248	37172	6.051	ng	# 1
77) Benzidine	12.92	184	30345	2.193	ng	97

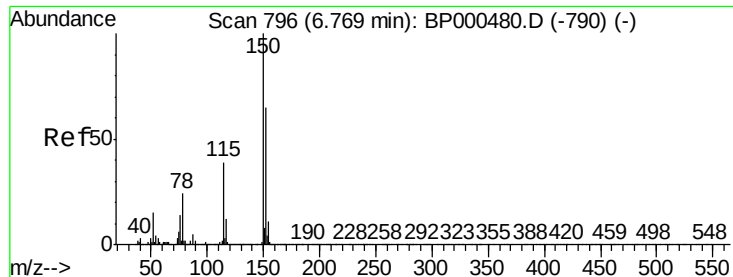
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
Data File : BP000502.D
Acq On : 03 Oct 2019 17:57
Operator : JU
Sample : K5131-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Quant Time: Oct 04 01:30:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



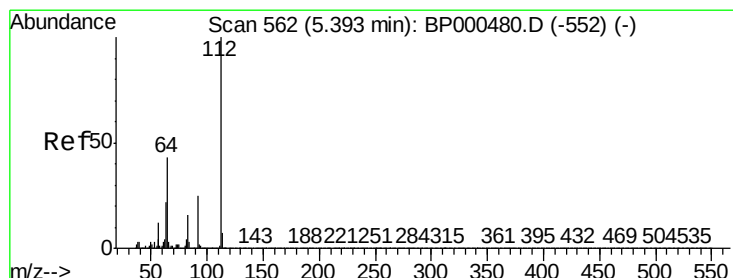
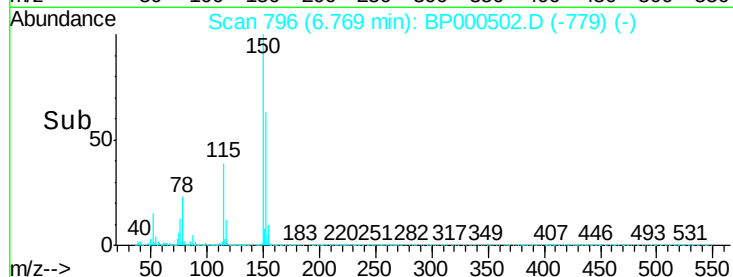
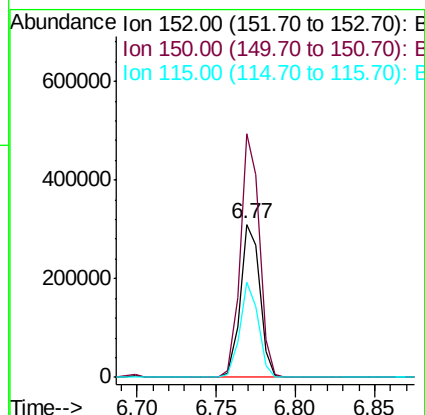
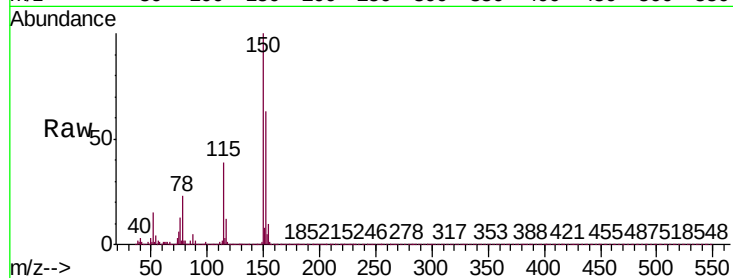


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

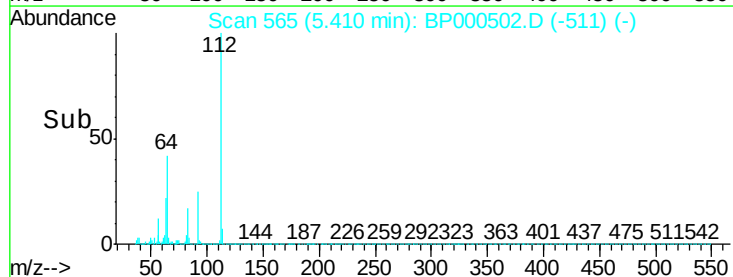
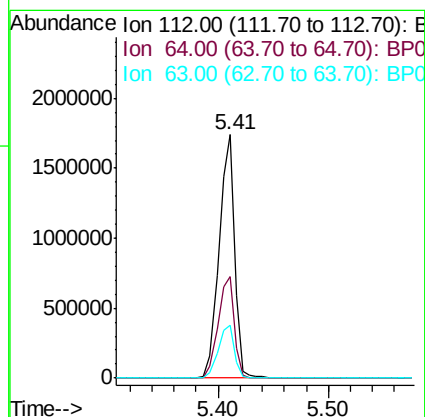
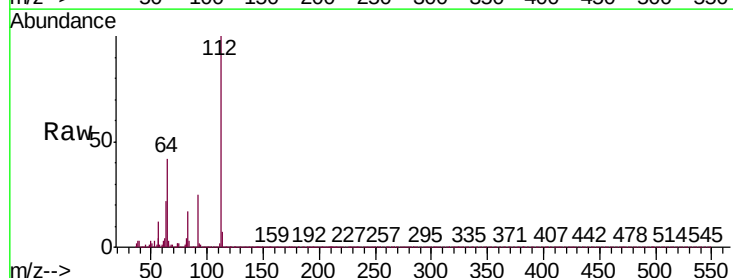
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.1	186.1
115	61.9	48.7	73.1

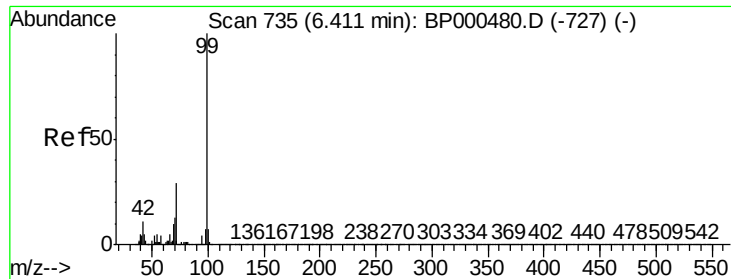


#5

2-Fluorophenol
Concen: 103.030 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.8	34.2	51.4
63	21.9	17.9	26.9





#7

Phenol-d6

Concen: 80.793 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

Instrument :

BNA_P

ClientSampleId :

20190827-COMPOSITE-C

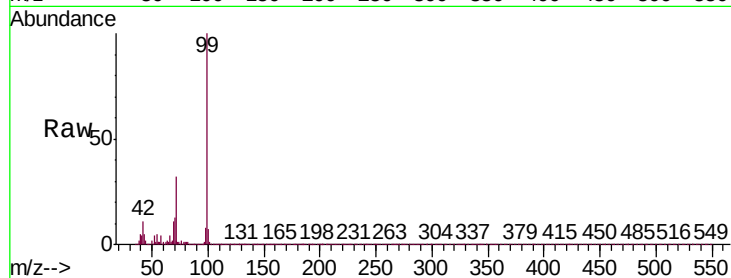
Tgt Ion: 99 Resp: 1598718

Ion Ratio Lower Upper

99 100

42 11.2 8.6 12.8

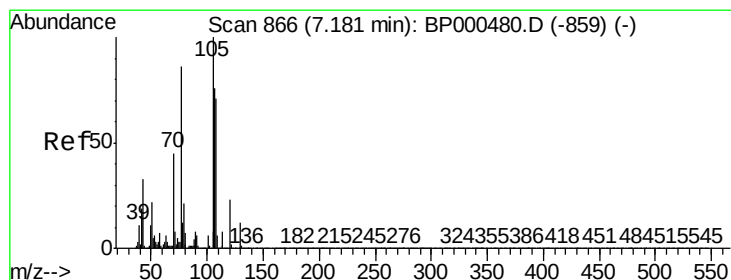
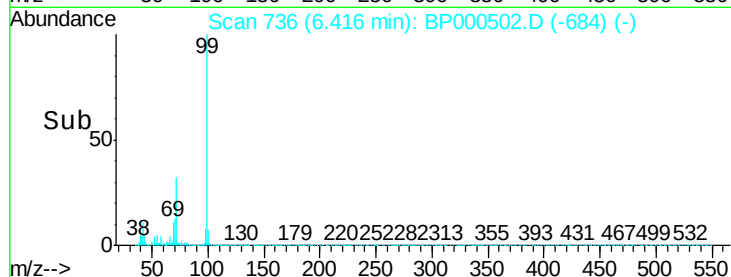
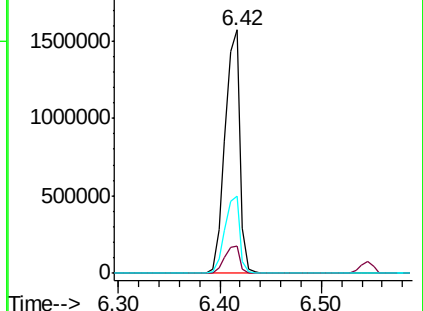
71 31.8 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BPC

Ion 42.00 (41.70 to 42.70): BPC

Ion 71.00 (70.70 to 71.70): BPC



#19

n-Nitroso-di-n-propylamine

Concen: 17.401 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

Tgt Ion: 70 Resp: 158714

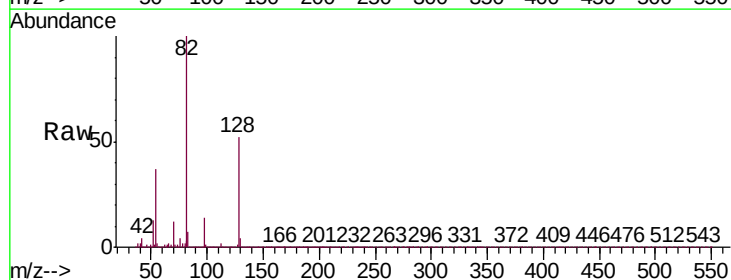
Ion Ratio Lower Upper

70 100

42 33.6 33.2 49.8

101 0.1 9.9 14.9#

130 2.7 21.8 32.8#

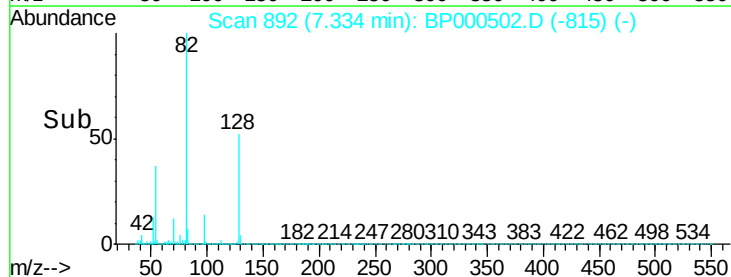
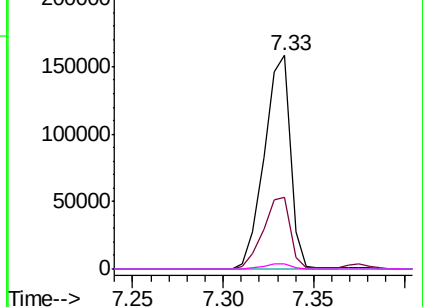


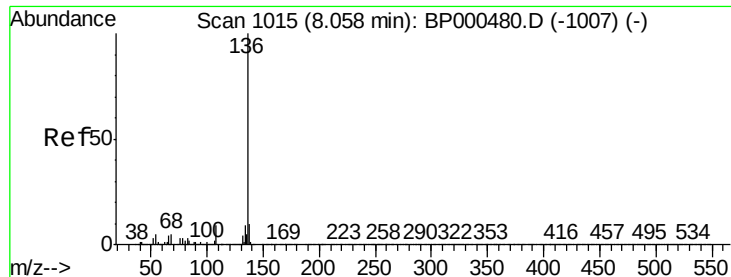
Abundance Ion 70.00 (69.70 to 70.70): BPC

Ion 42.00 (41.70 to 42.70): BPC

Ion 101.00 (100.70 to 101.70): BPC

Ion 130.00 (129.70 to 130.70): BPC

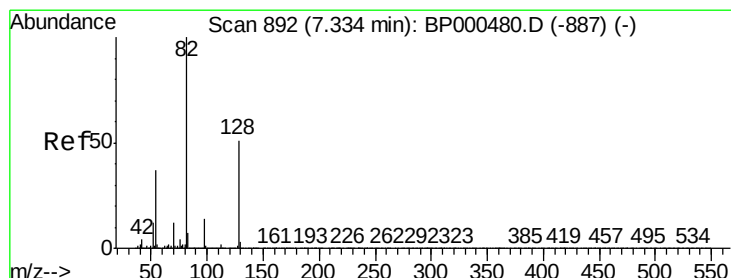
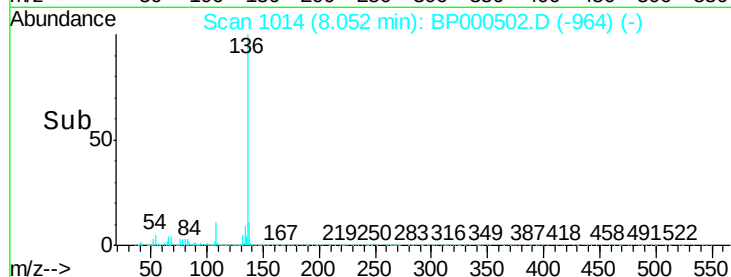
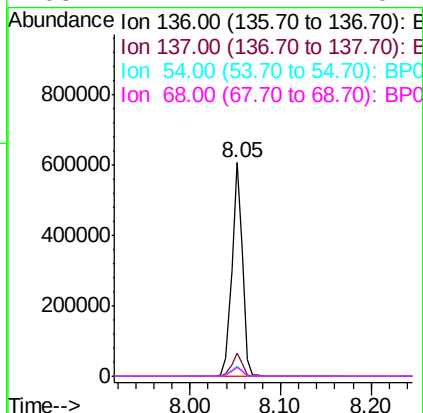
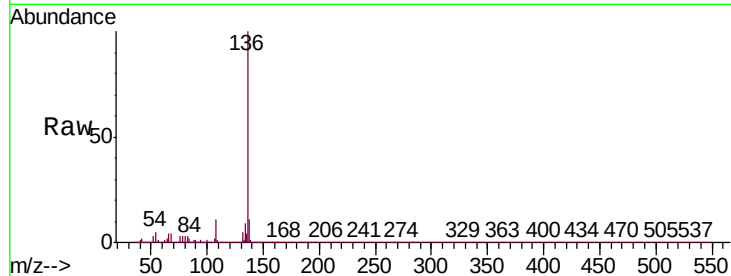




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

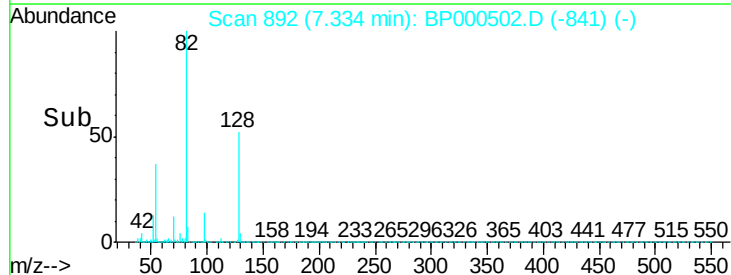
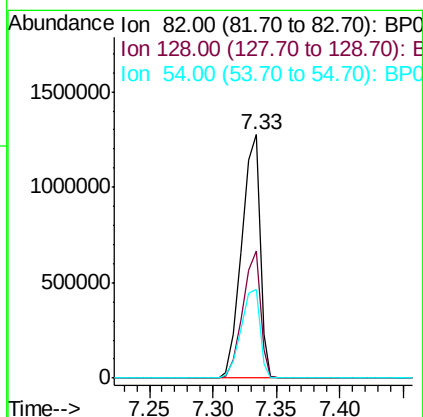
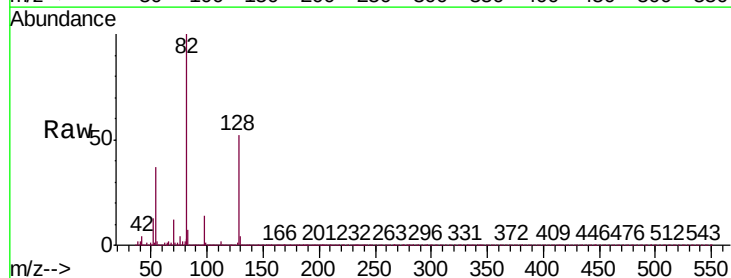
Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

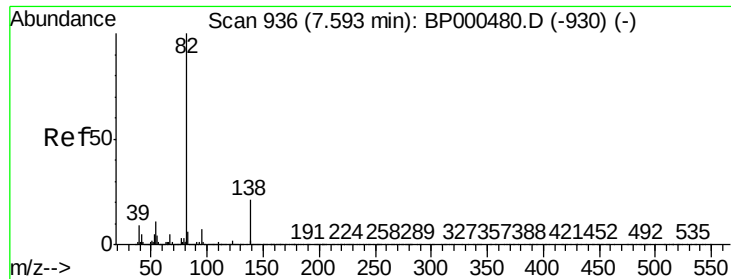
Tgt Ion:	136	Resp:	487896
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.1	4.1	6.1
68	4.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 158.962 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Tgt Ion:	82	Resp:	1269857
Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.9	61.3
54	36.6	29.4	44.2





#25

Isophorone

Concen: 89.551 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

Instrument :

BNA_P

ClientSampleId :

20190827-COMPOSITE-C

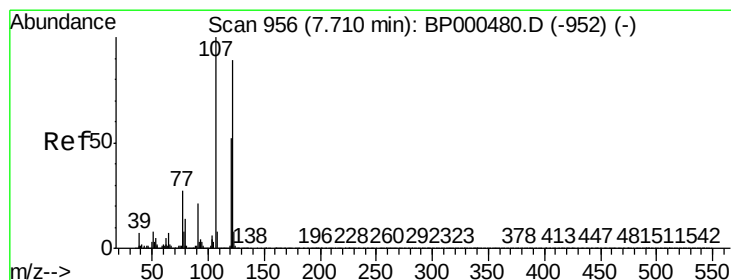
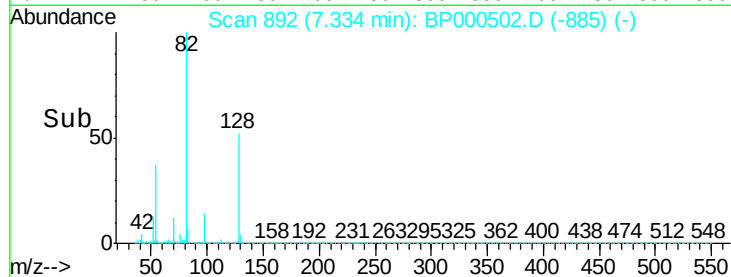
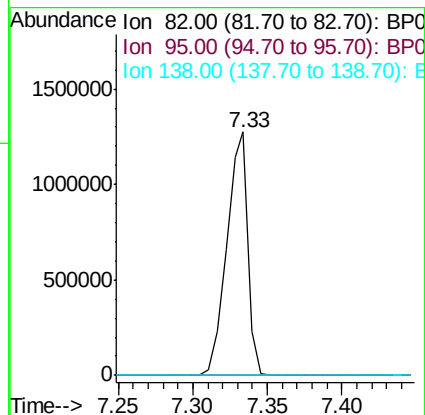
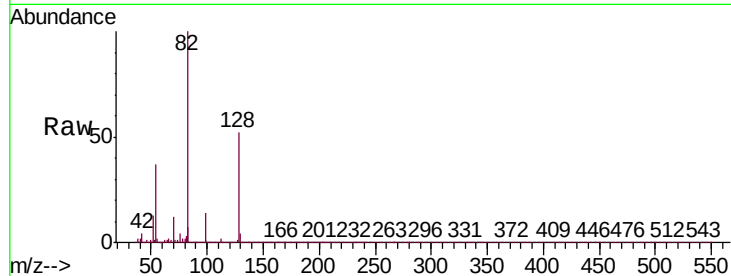
Tgt Ion: 82 Resp: 1269635

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 17.0 25.4#



#27

2,4-Dimethylphenol

Concen: 4.775 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.08 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

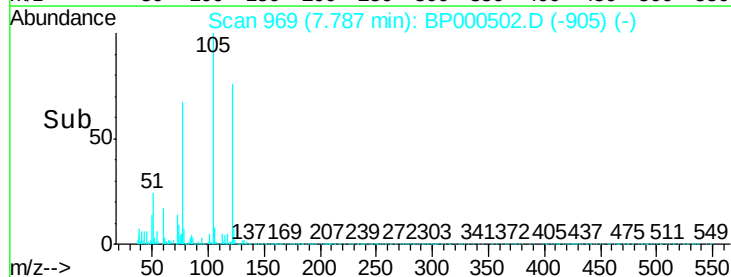
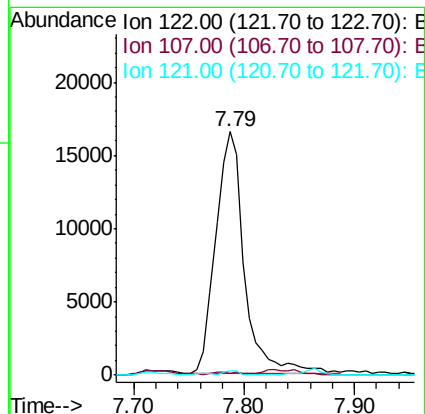
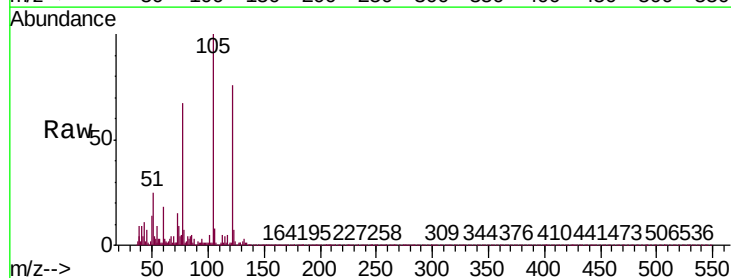
Tgt Ion: 122 Resp: 29654

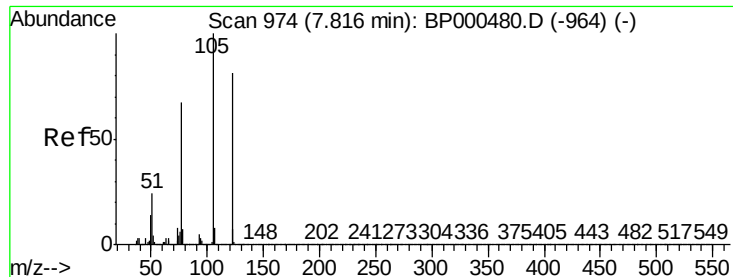
Ion Ratio Lower Upper

122 100

107 0.9 89.9 134.9#

121 1.9 46.6 70.0#

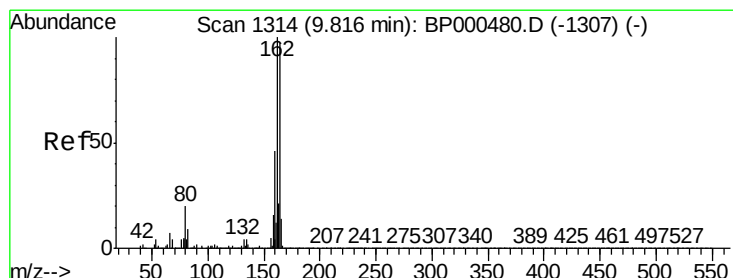
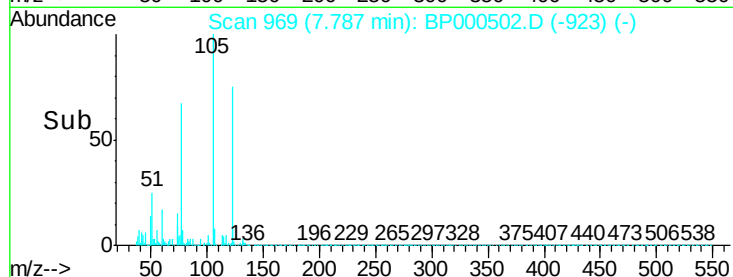
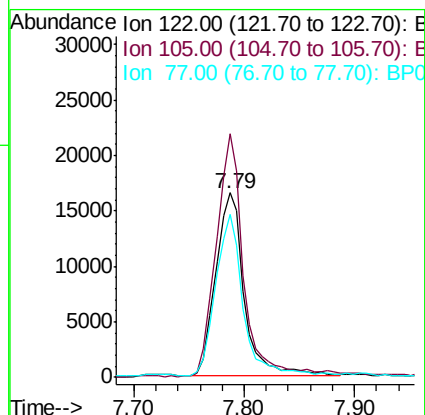
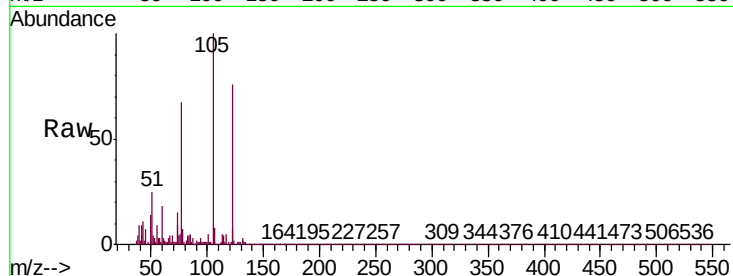




#32
Benzoic acid
Concen: 7.562 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

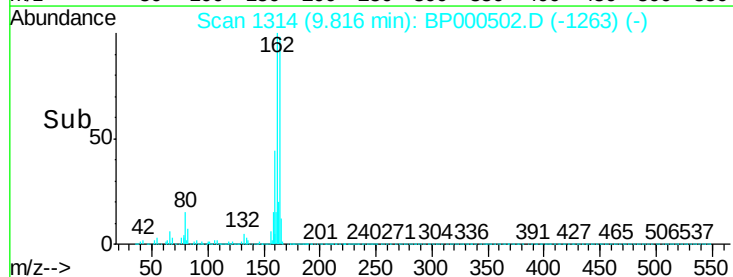
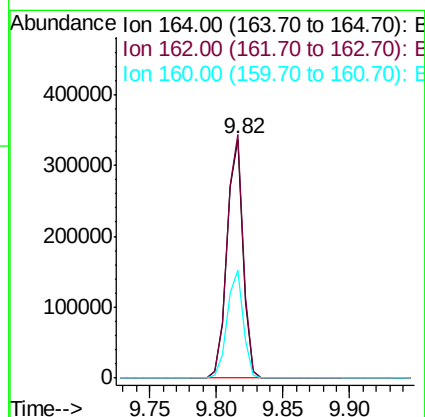
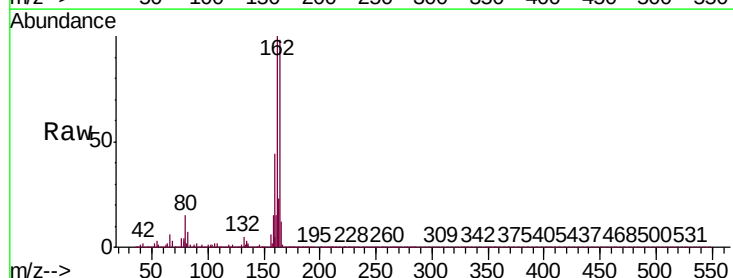
Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

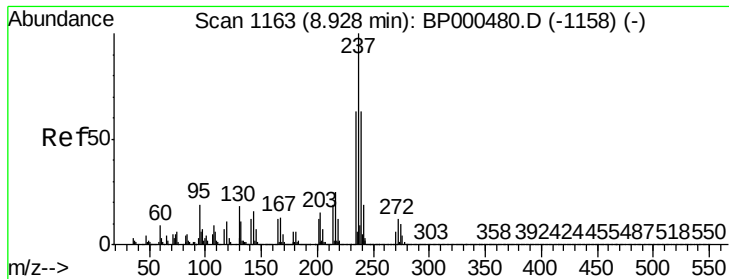
Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	101.4	141.4
77	88.1	62.1	102.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	45.2	37.6	56.4





#41

Hexachlorocyclopentadiene

Concen: 7.302 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

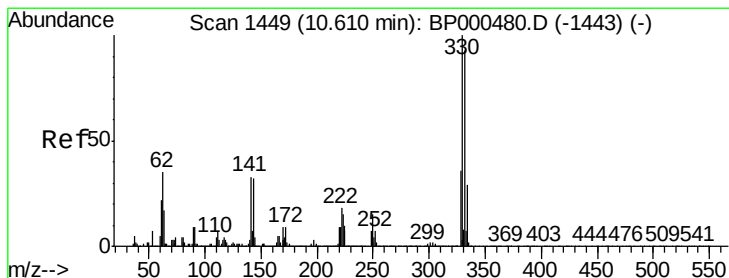
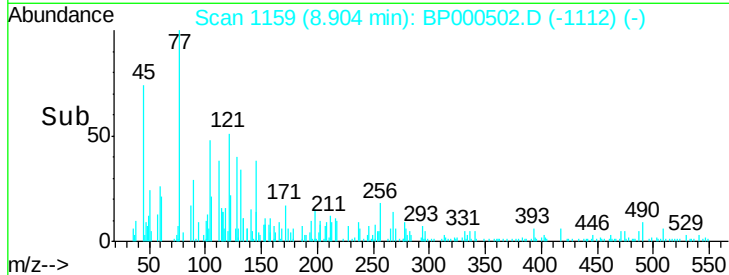
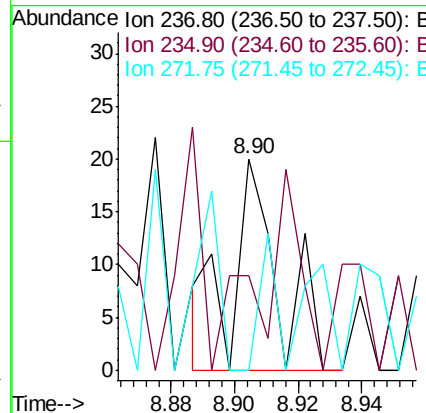
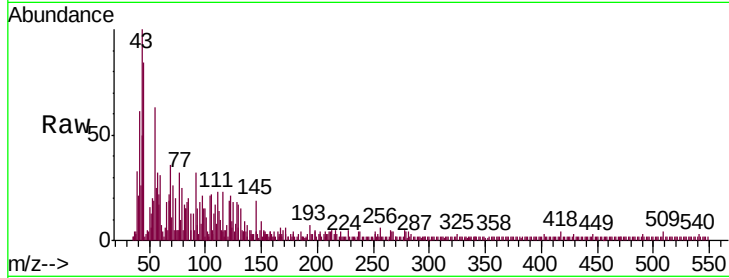
Instrument :

BNA_P

ClientSampleId :

20190827-COMPOSITE-C

Tgt Ion:	237	Resp:	20
Ion Ratio	Lower	Upper	
237	100		
235	45.0	42.9	82.9
272	0.0	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 184.255 ng

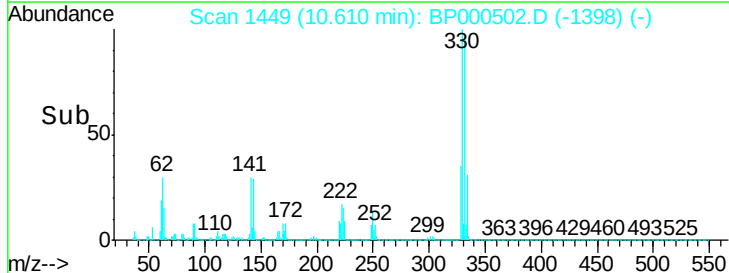
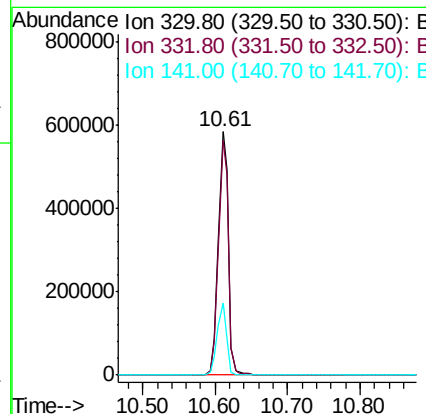
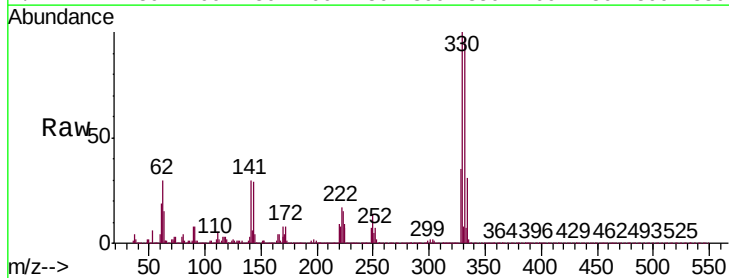
RT: 10.61 min Scan# 1449

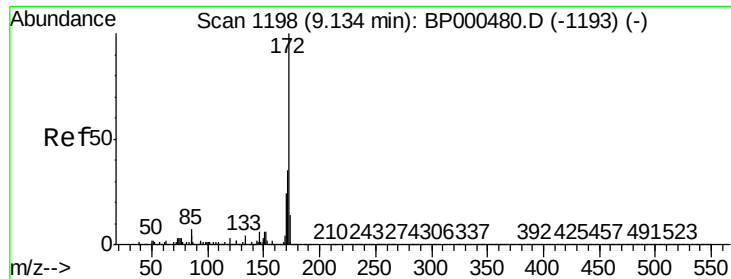
Delta R.T. -0.00 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

Tgt Ion:	330	Resp:	563967
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.1	115.7
141	27.9	26.0	39.0

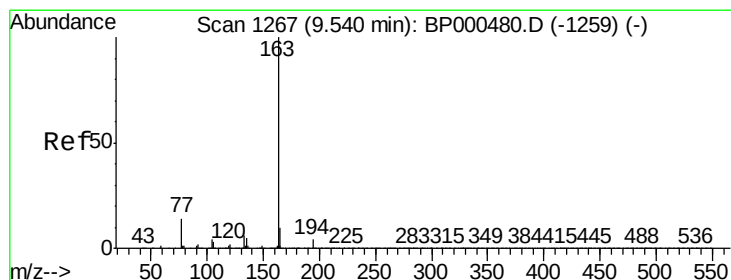
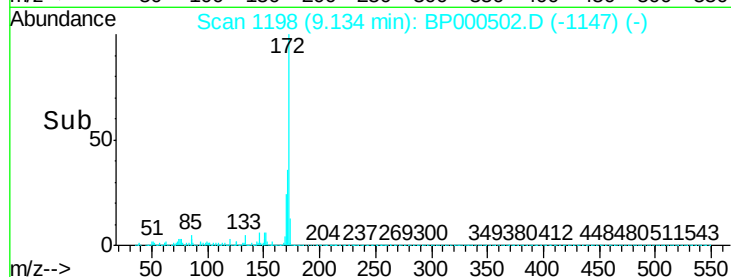
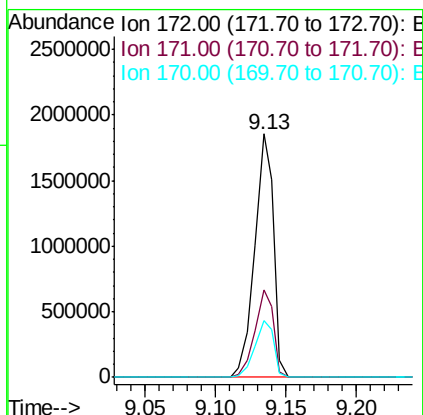
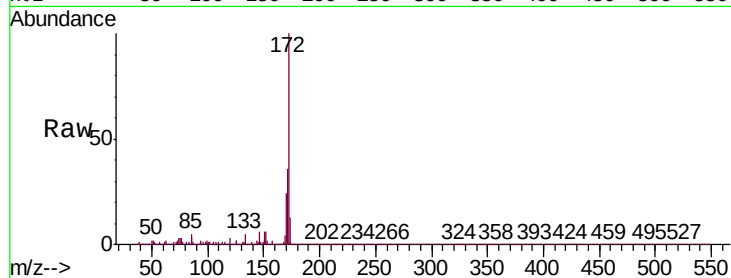




#45
2-Fluorobiphenyl
Concen: 98.290 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

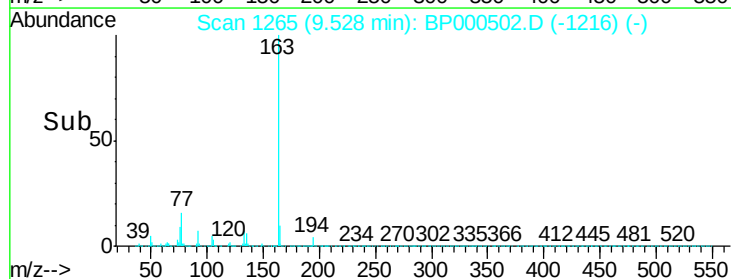
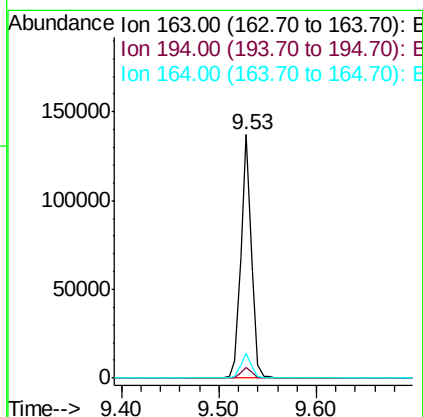
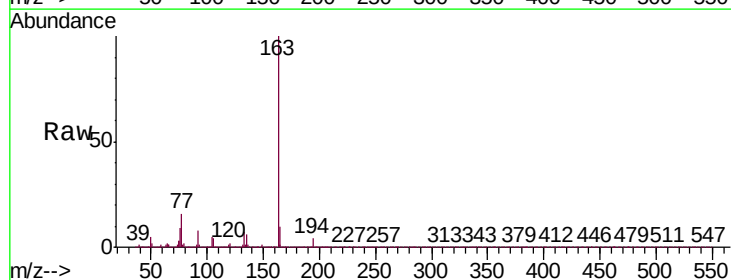
Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

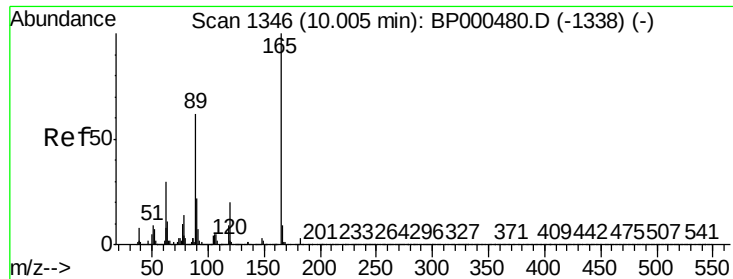
Tgt Ion:172 Resp: 1744874
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.5 19.1 28.7



#50
Dimethylphthalate
Concen: 5.069 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Tgt Ion:163 Resp: 101169
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.0 12.0

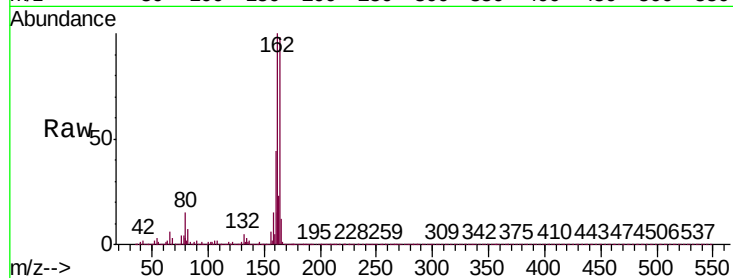




#57
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.2	36.4#
89	1.4	49.4	74.0#
182	0.1	2.5	3.7#

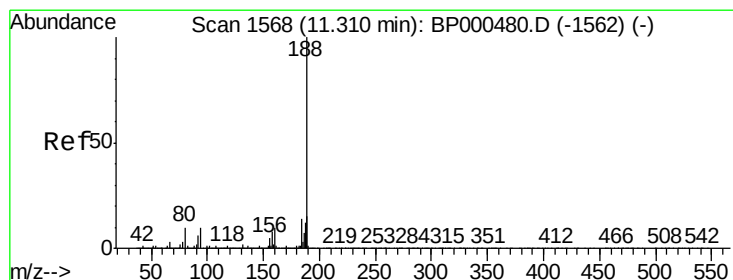
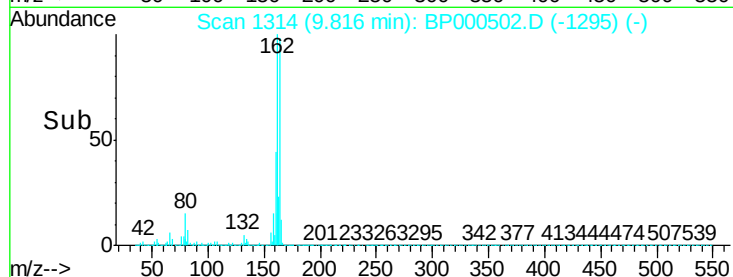
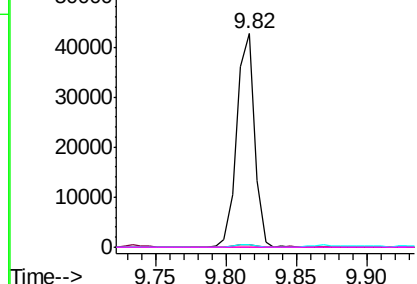


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

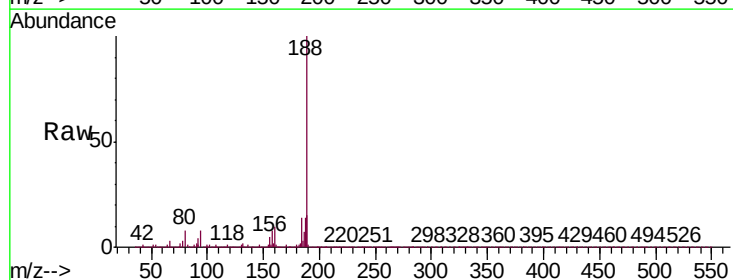
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

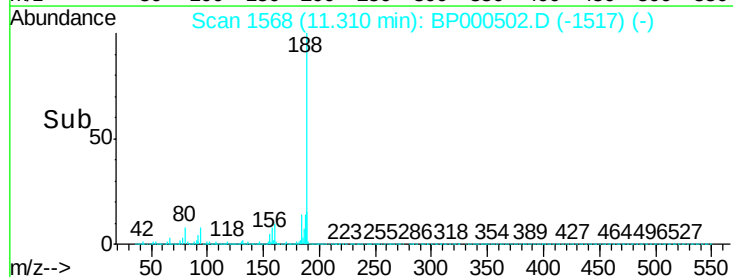
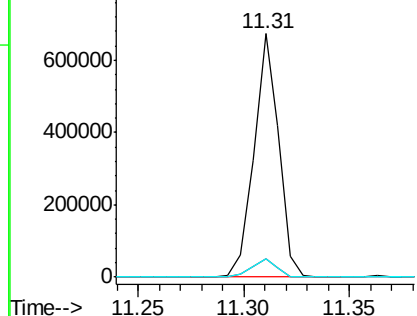
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.2	12.2#
80	7.8	8.3	12.5#

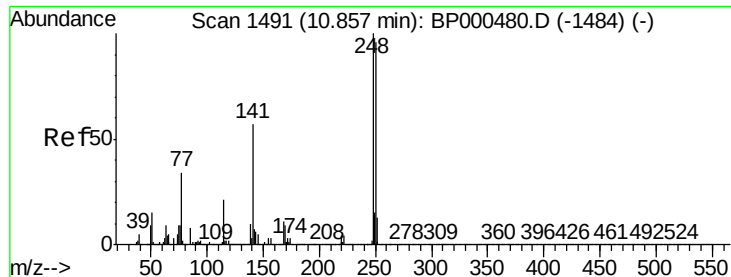


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

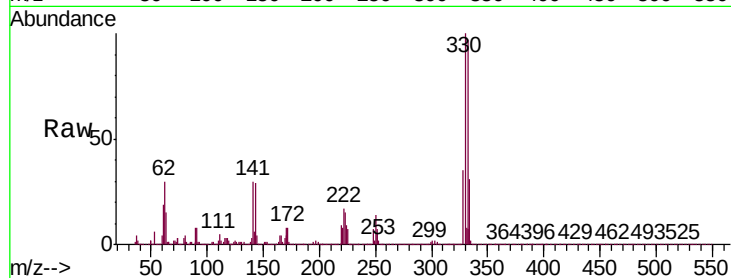




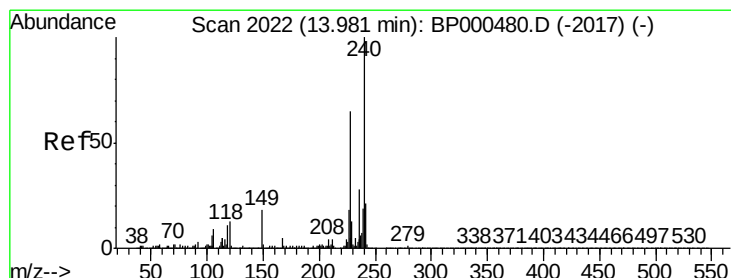
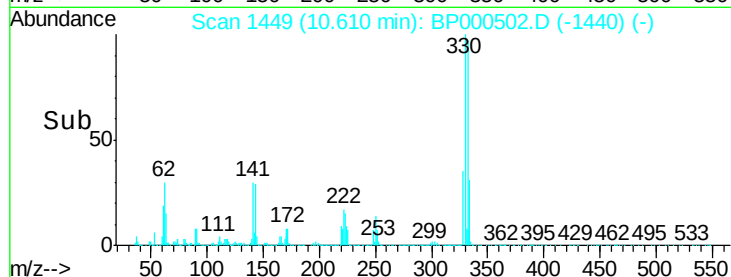
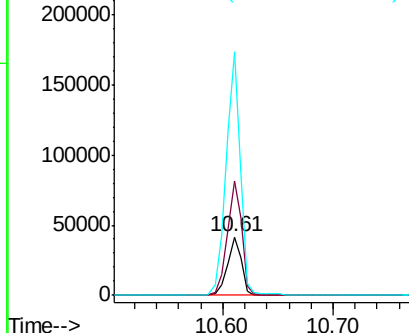
#67
4-Bromophenyl-phenylether
Concen: 6.051 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion:248 Resp: 37172
Ion Ratio Lower Upper
248 100
250 197.6 77.2 115.8#
141 418.7 45.3 67.9#

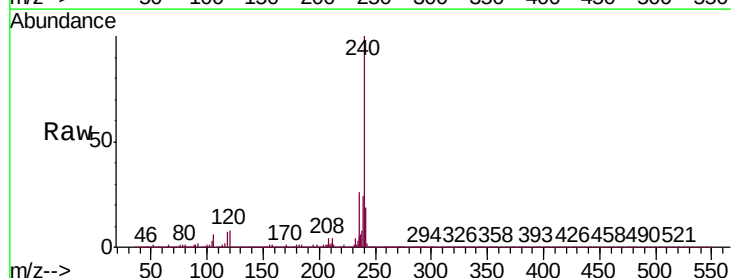


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

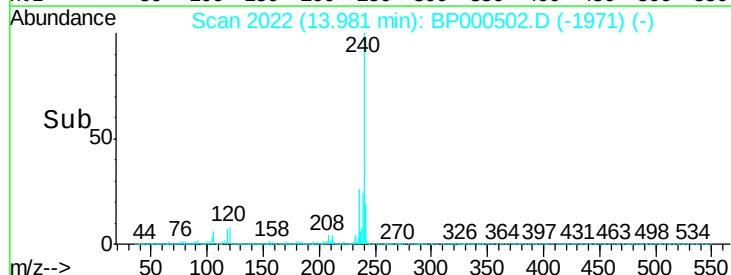
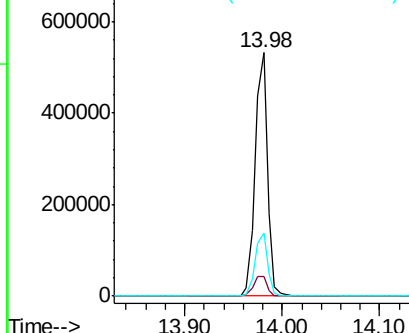


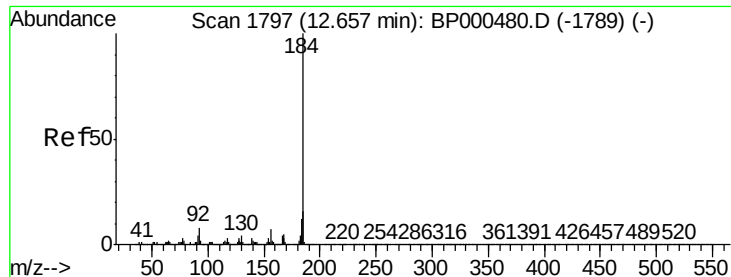
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Tgt Ion:240 Resp: 477795
Ion Ratio Lower Upper
240 100
120 8.0 10.1 15.1#
236 26.2 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.193 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.26 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

Instrument :

BNA_P

ClientSampleId :

20190827-COMPOSITE-C

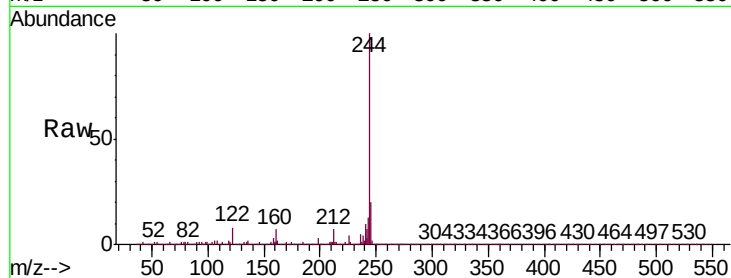
Tgt Ion:184 Resp: 30345

Ion Ratio Lower Upper

184 100

185 17.0 12.7 19.1

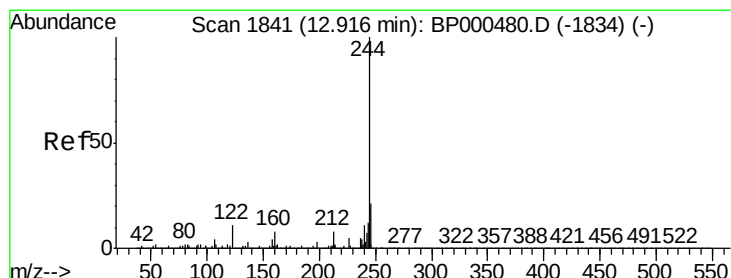
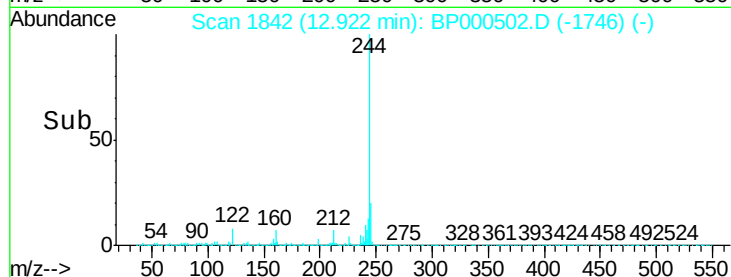
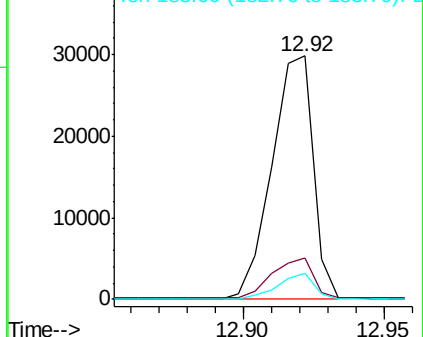
183 10.6 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 93.620 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000502.D

Acq: 03 Oct 2019 17:57

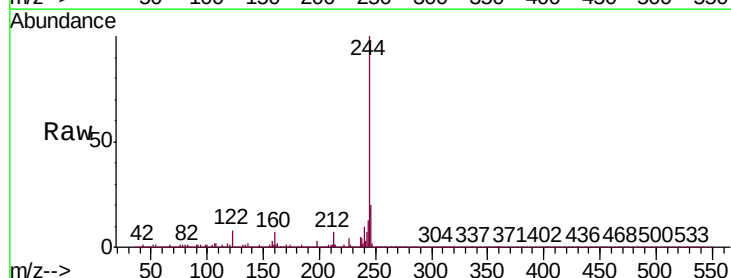
Tgt Ion:244 Resp: 2209239

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

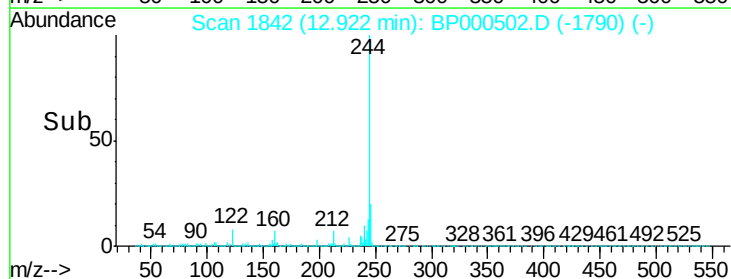
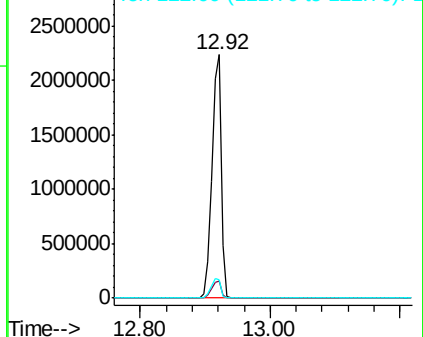
122 7.6 8.9 13.3#

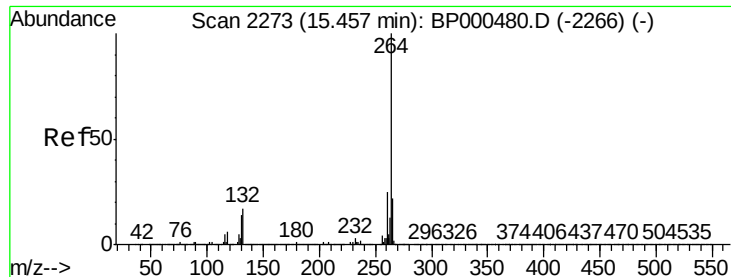


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000502.D
Acq: 03 Oct 2019 17:57

Instrument :
BNA_P
ClientSampleId :
20190827-COMPOSITE-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	21.6	18.0	27.0

