

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000496.D
 Acq On : 03 Oct 2019 15:33
 Operator : JU
 Sample : K5095-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-2

Quant Time: Oct 04 01:28:54 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

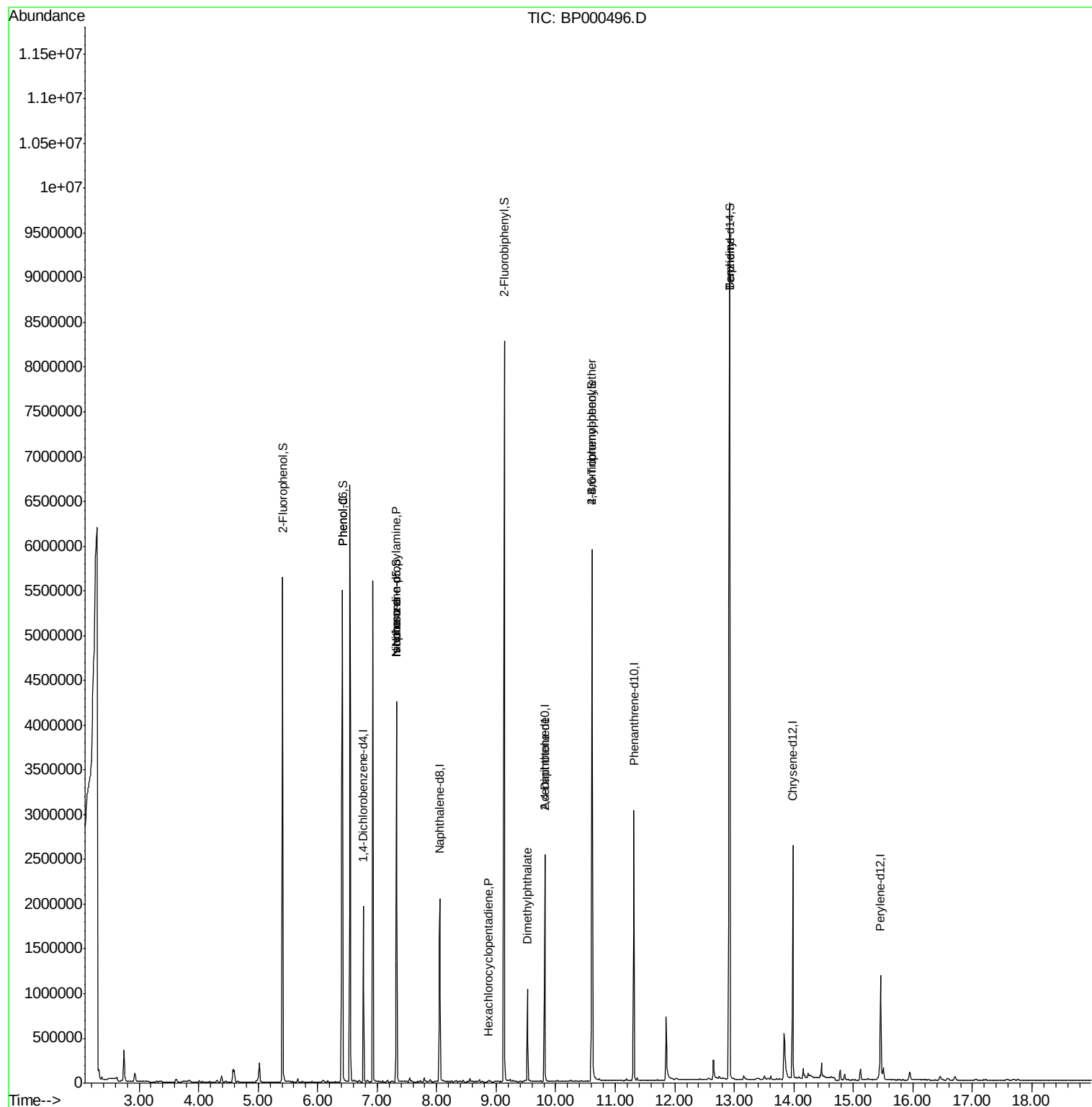
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	278188	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1024407	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	583881	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1087132	20.00	ng	0.00
76) Chrysene-d12	13.98	240	839234	20.00	ng	0.00
87) Perylene-d12	15.46	264	515258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1967597	113.69	ng	0.02
7) Phenol-d6	6.42	99	2385032	114.36	ng	0.00
23) Nitrobenzene-d5	7.33	82	1432873	85.43	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	900648	144.75	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	3132713	86.81	ng	0.00
79) Terphenyl-d14	12.92	244	3760407	90.72	ng	0.00
Target Compounds						
10) Phenol	6.42	94	72545	3.397	ng	88
19) n-Nitroso-di-n-propylamine	7.33	70	176951	18.408	ng	# 73
25) Isophorone	7.33	82	1432274	48.114	ng	# 61
41) Hexachlorocyclopentadiene	8.87	237	12	7.299	ng	94
50) Dimethylphthalate	9.53	163	453400	11.175	ng	100
57) 2,4-Dinitrotoluene	9.82	165	76171	6.493	ng	# 32
67) 4-Bromophenyl-phenylether	10.61	248	61364	5.014	ng	# 1
77) Benzidine	12.92	184	52260	2.150	ng	97

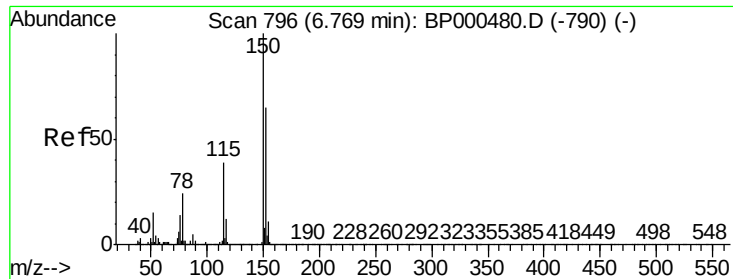
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 01 18:03:42 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BP000496.D

Acq: 03 Oct 2019 15:33

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-2

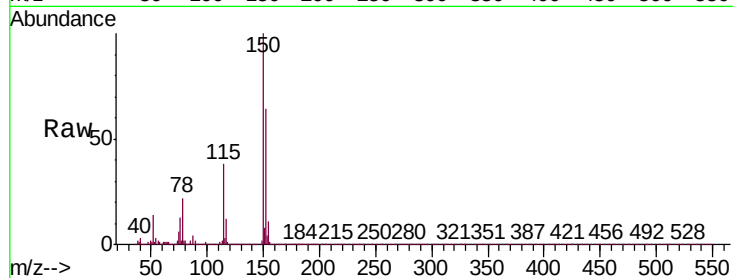
Tgt Ion:152 Resp: 278188

Ion Ratio Lower Upper

152 100

150 155.7 124.1 186.1

115 59.1 48.7 73.1

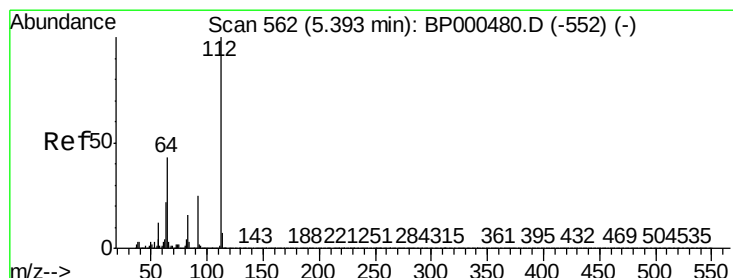
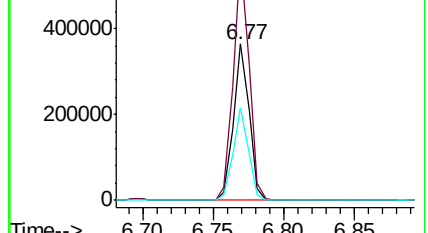
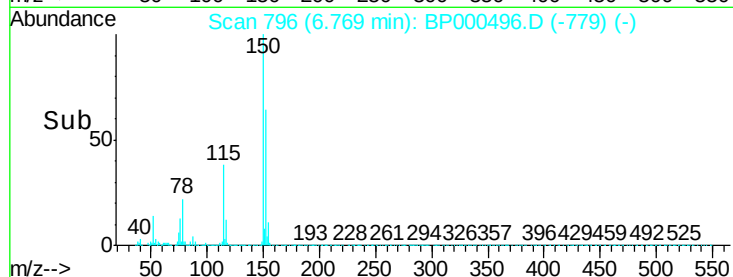


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

6.77



#5

2-Fluorophenol

Concen: 113.693 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.02 min

Lab File: BP000496.D

Acq: 03 Oct 2019 15:33

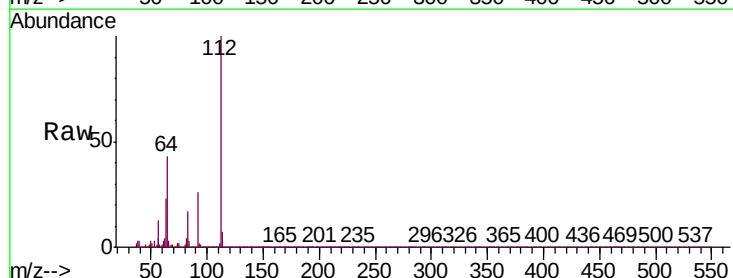
Tgt Ion:112 Resp: 1967597

Ion Ratio Lower Upper

112 100

64 43.2 34.2 51.4

63 22.8 17.9 26.9

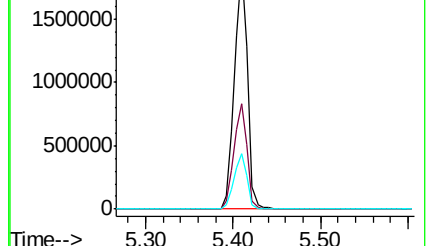
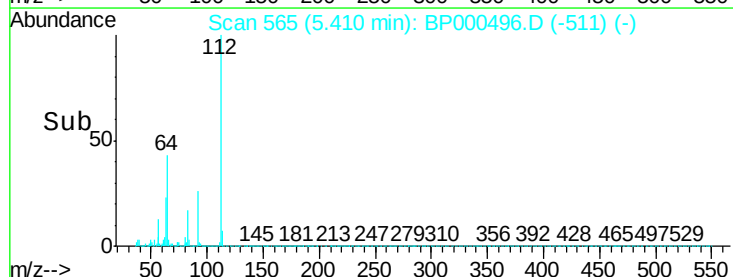


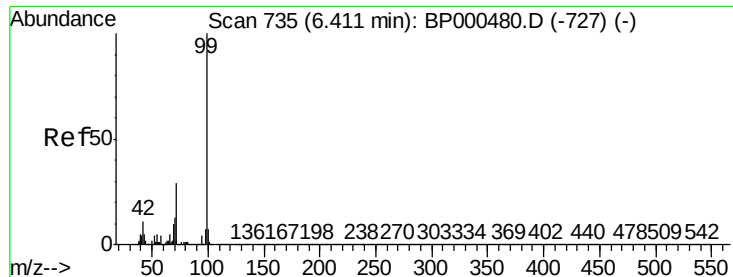
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.41





#7

Phenol-d6

Concen: 114.364 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000496.D

Acq: 03 Oct 2019 15:33

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-2

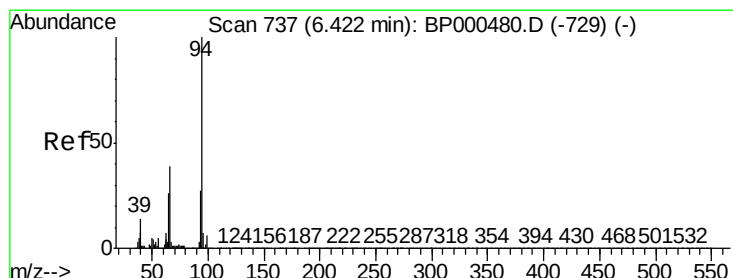
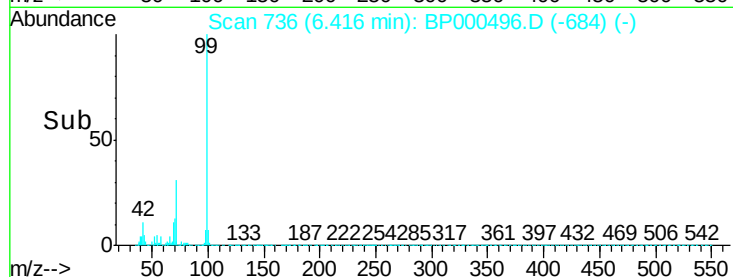
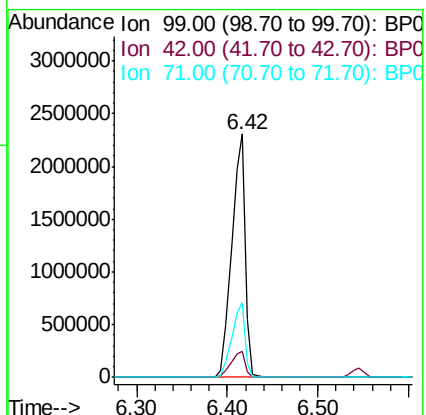
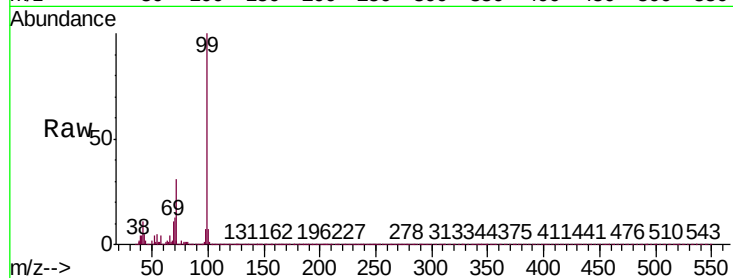
Tgt Ion: 99 Resp: 2385032

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

71 30.6 23.0 34.4



#10

Phenol

Concen: 3.397 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000496.D

Acq: 03 Oct 2019 15:33

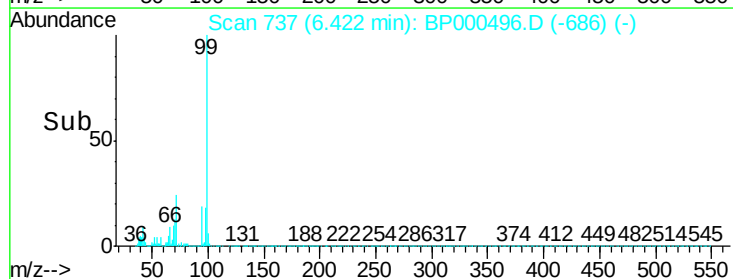
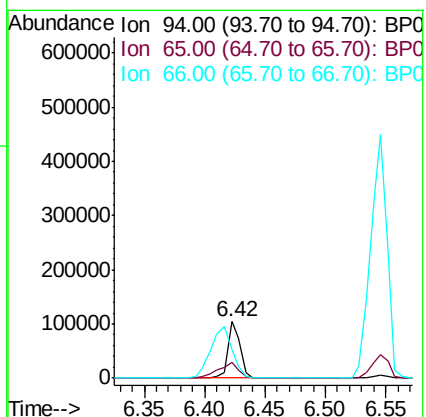
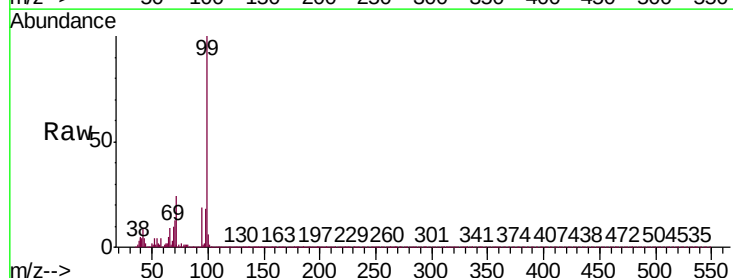
Tgt Ion: 94 Resp: 72545

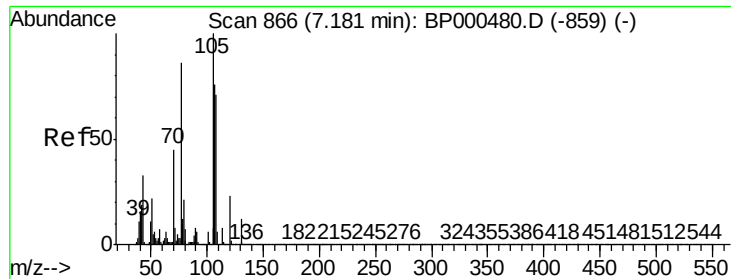
Ion Ratio Lower Upper

94 100

65 27.9 5.9 45.9

66 49.8 18.8 58.8

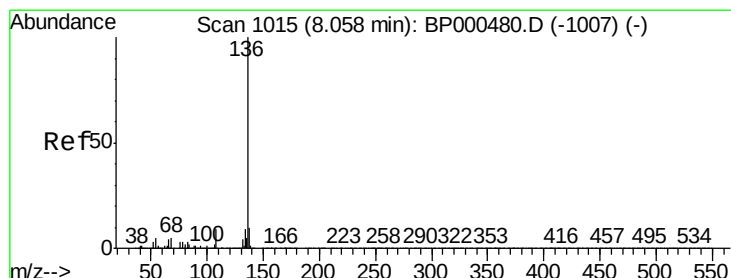
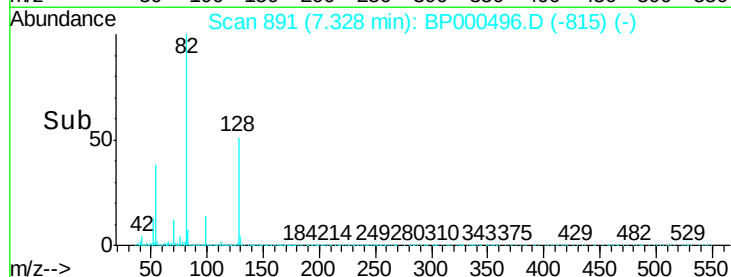
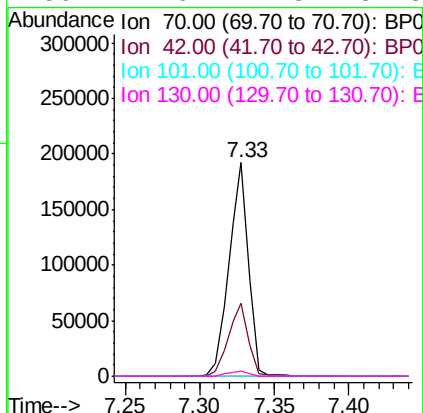
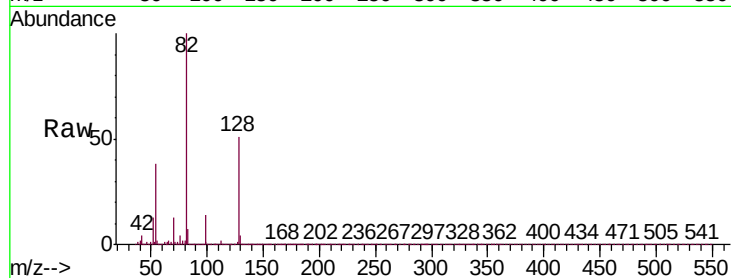




#19
n-Nitroso-di-n-propylamine
Concen: 18.408 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

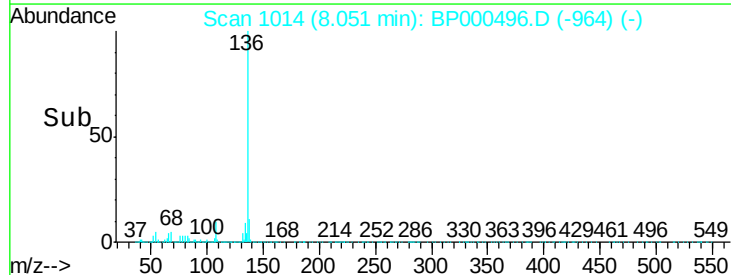
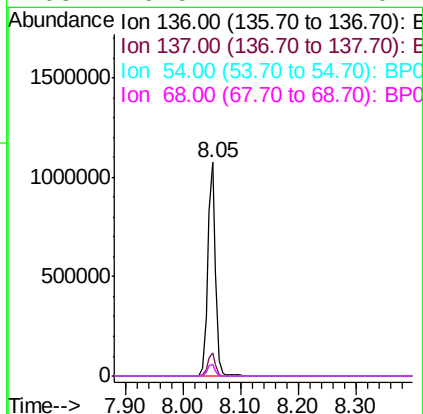
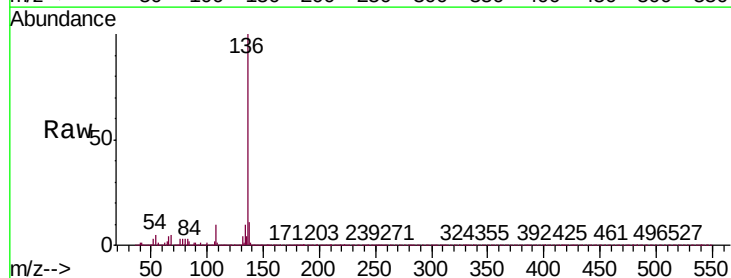
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-2

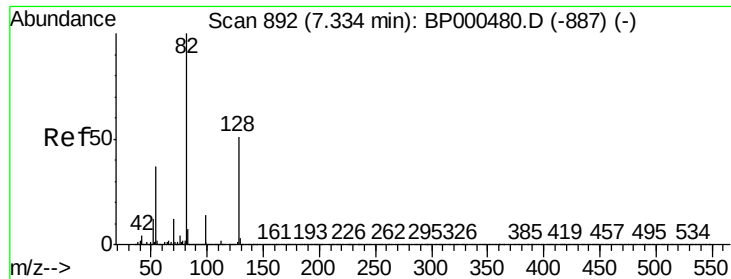
Tgt Ion:	70	Resp:	176951
Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

Tgt Ion:	136	Resp:	1024407
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.4	4.1	6.1
68	5.5	4.1	6.1

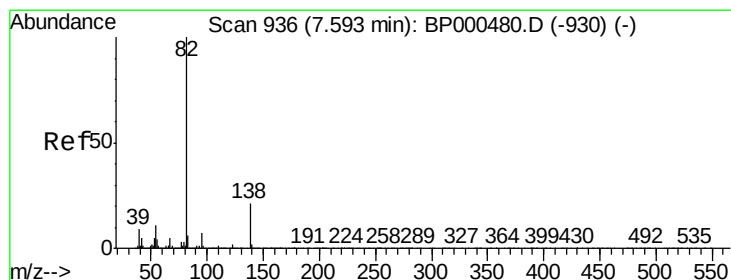
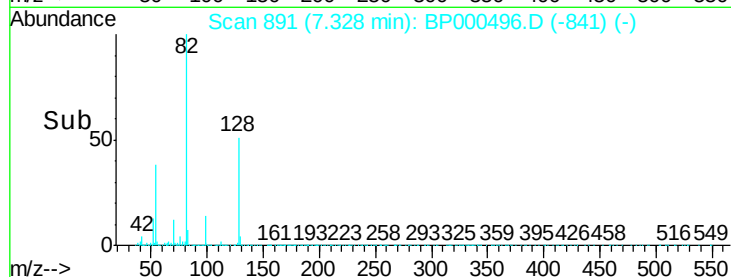
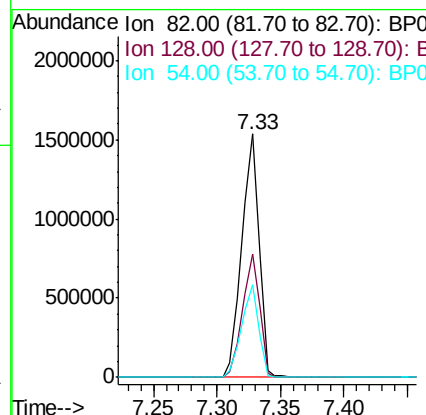
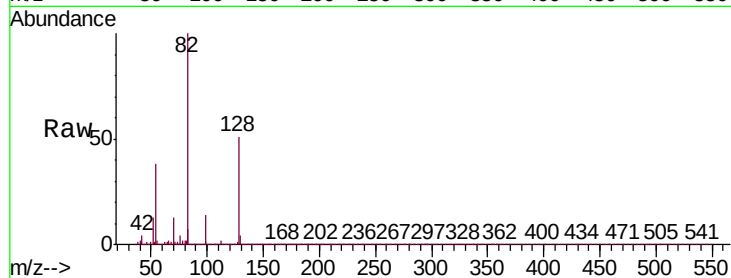




#23
Nitrobenzene-d5
Concen: 85.428 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

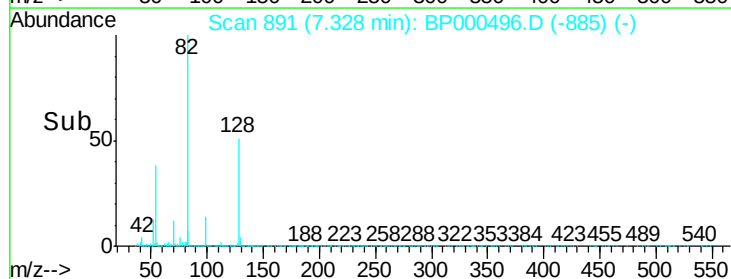
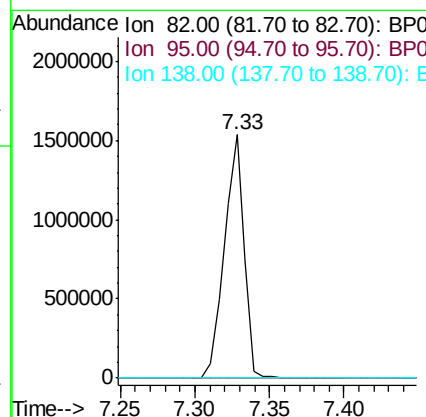
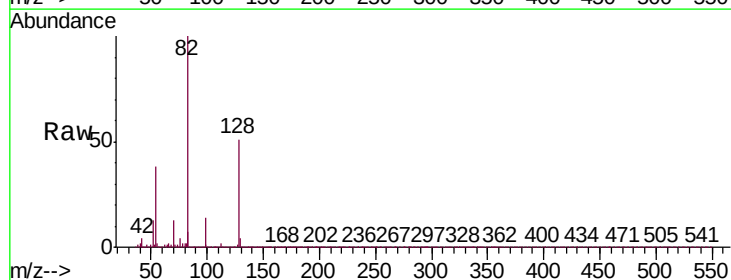
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-2

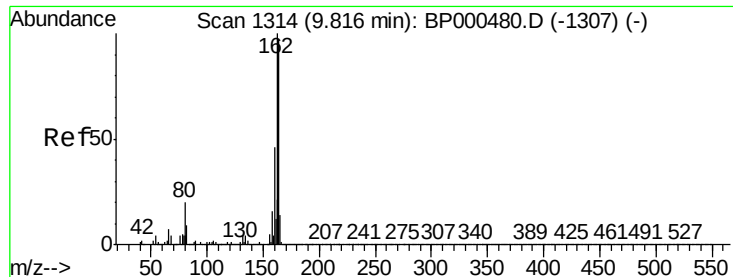
Tgt Ion: 82 Resp: 1432873
Ion Ratio Lower Upper
82 100
128 50.9 40.9 61.3
54 37.8 29.4 44.2



#25
Isophorone
Concen: 48.114 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

Tgt Ion: 82 Resp: 1432274
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

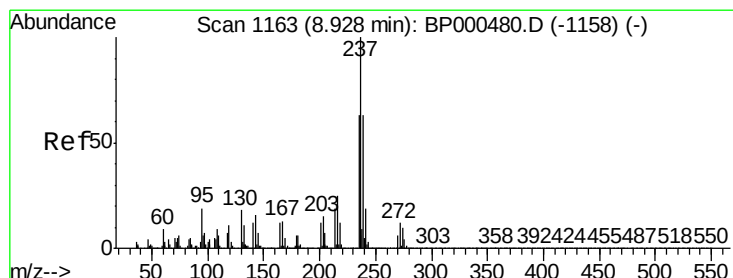
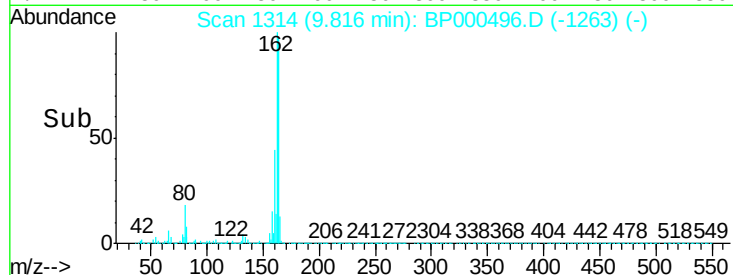
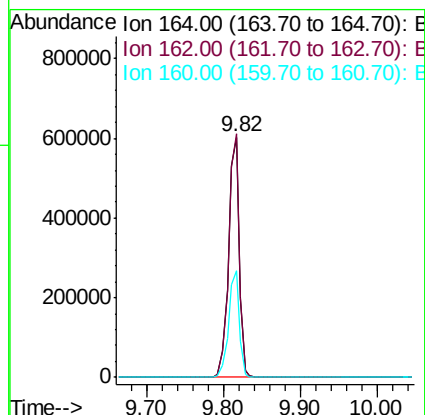
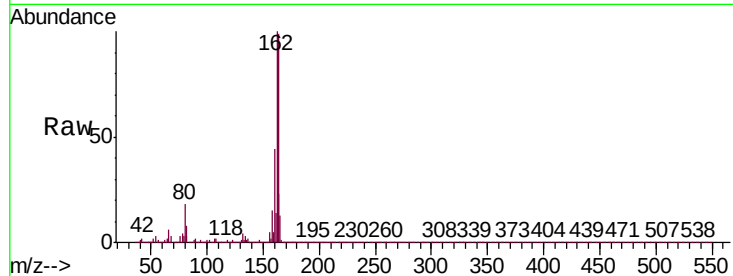




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

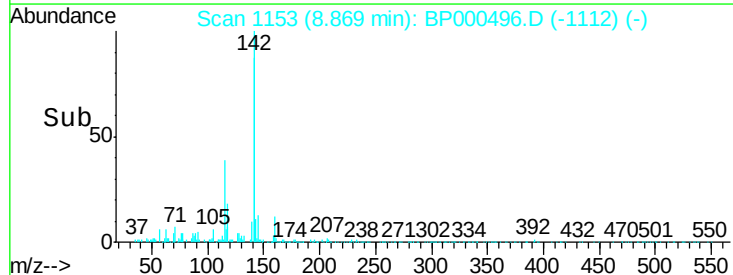
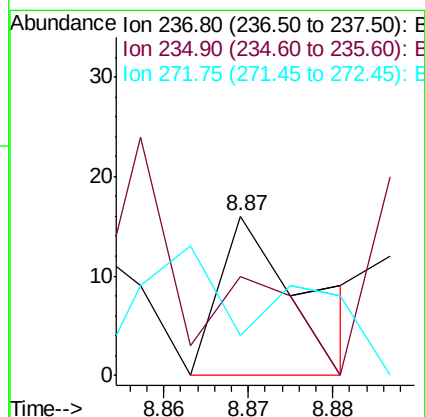
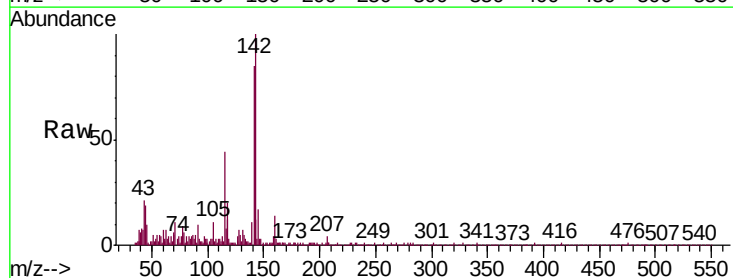
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-2

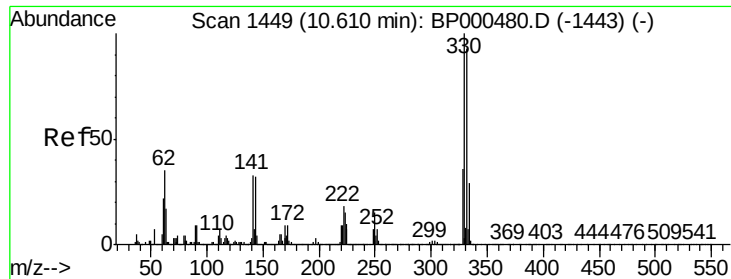
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.2
160	44.6	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.06 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.9	82.9
272	25.0	0.0	32.4

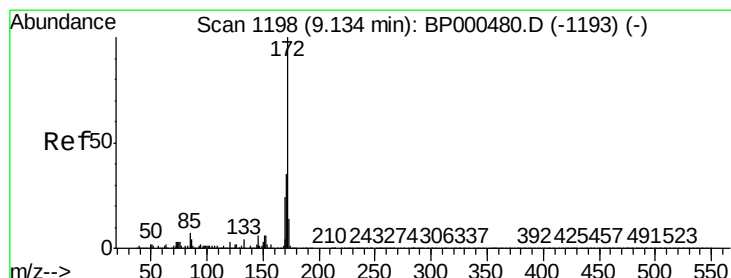
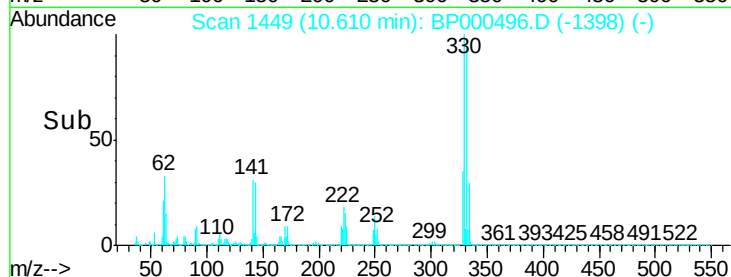
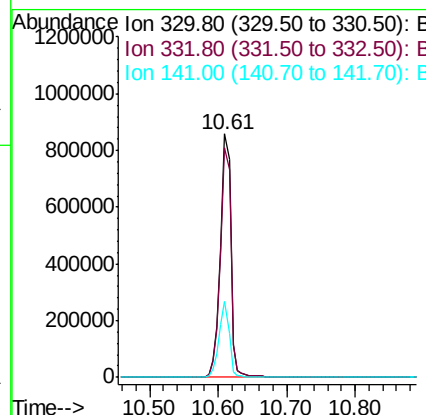
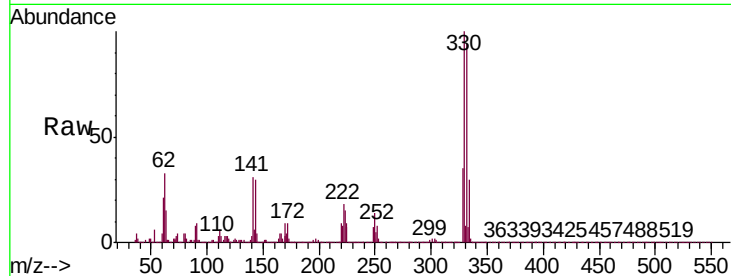




#42
 2,4,6-Tribromophenol
 Concen: 144.754 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BP000496.D
 Acq: 03 Oct 2019 15:33

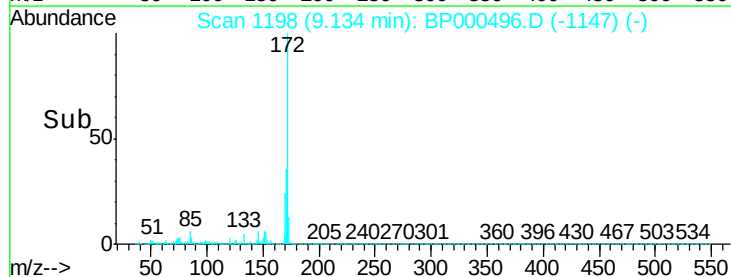
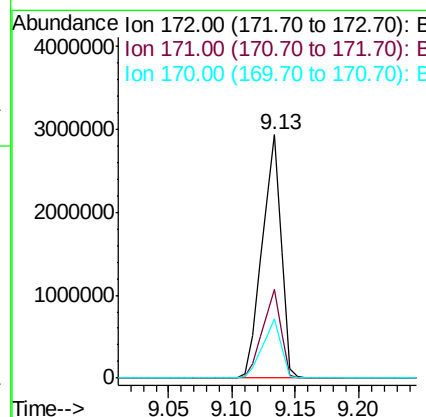
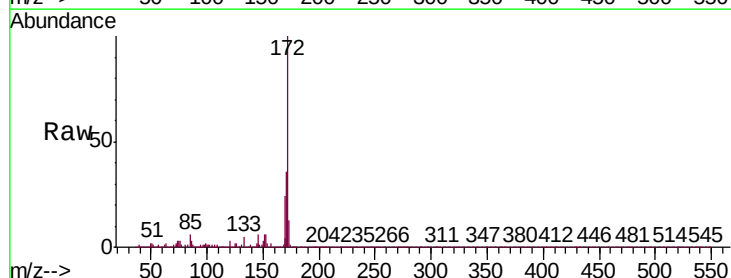
Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-2

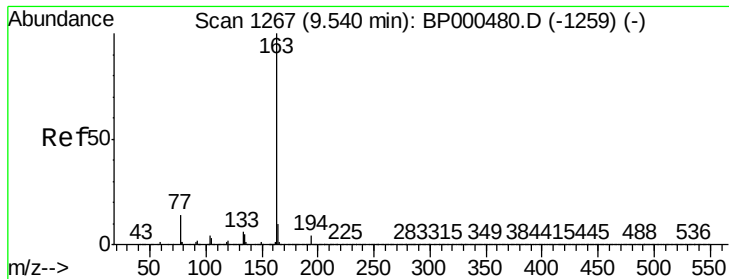
Tgt Ion:330 Resp: 900648
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 30.6 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 86.811 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BP000496.D
 Acq: 03 Oct 2019 15:33

Tgt Ion:172 Resp: 3132713
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.4 42.6
 170 24.5 19.1 28.7

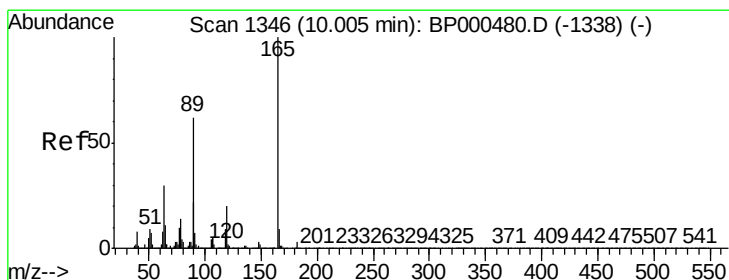
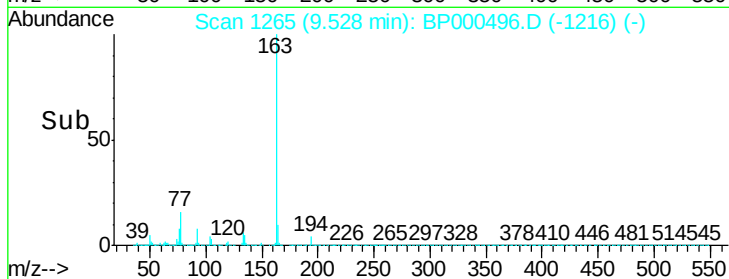
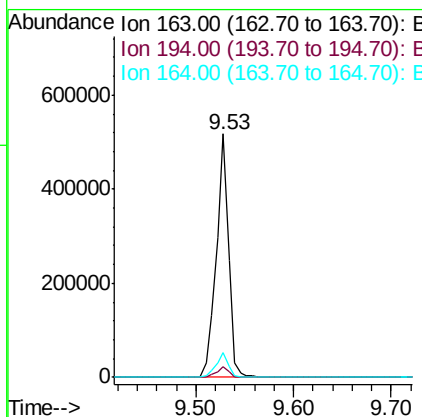
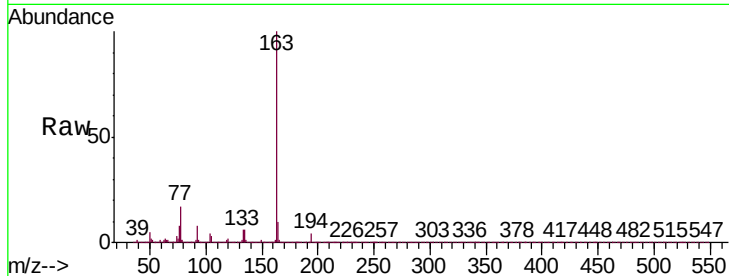




#50
Dimethylphthalate
Concen: 11.175 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

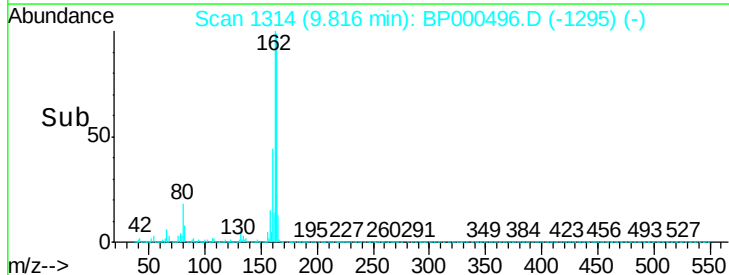
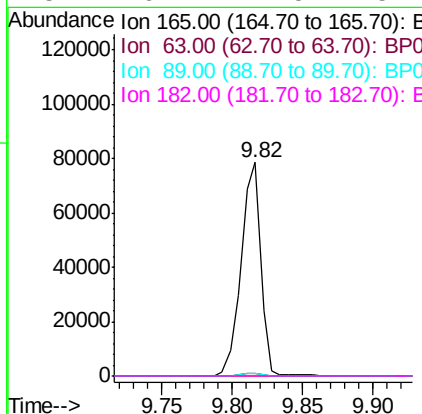
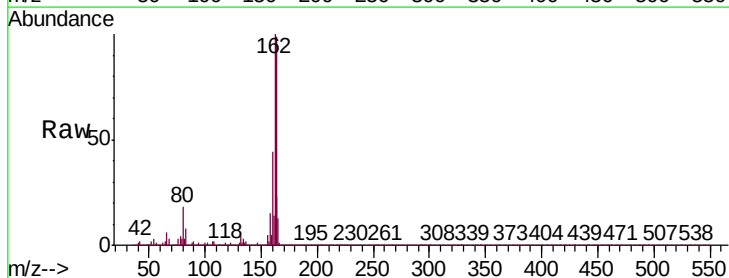
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-2

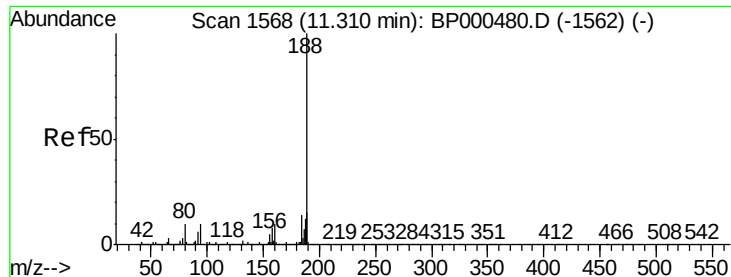
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.493 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.4	49.4	74.0#
182	0.1	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BP000496.D

Acq: 03 Oct 2019 15:33

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-2

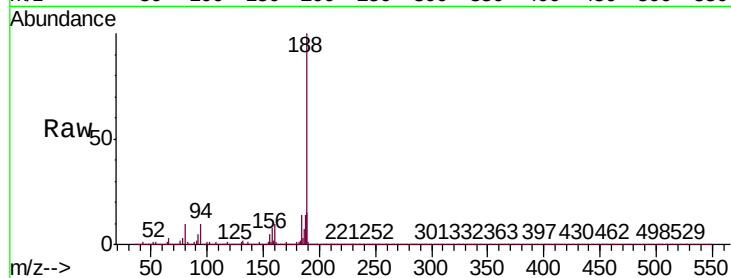
Tgt Ion:188 Resp: 1087132

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

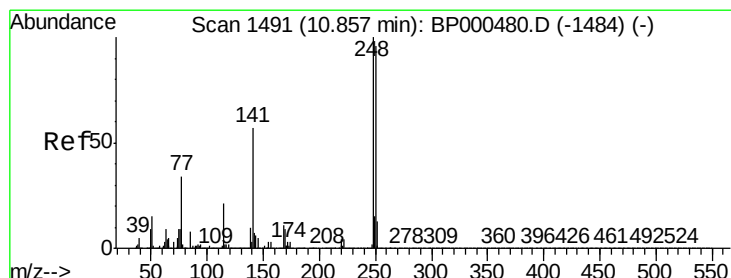
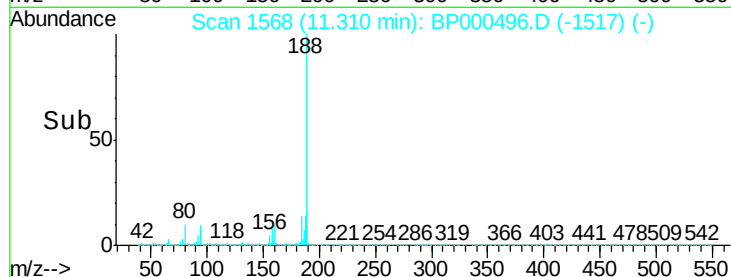
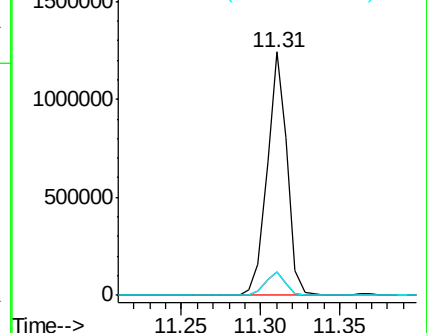
80 9.8 8.3 12.5



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: 5.014 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000496.D

Acq: 03 Oct 2019 15:33

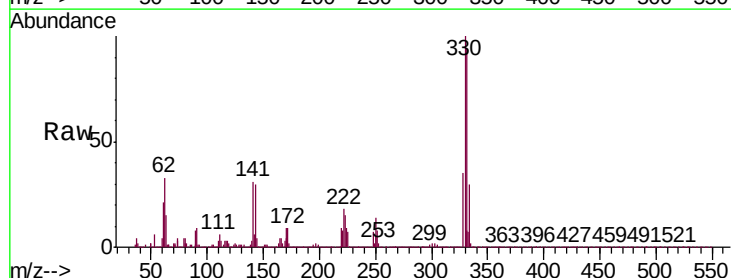
Tgt Ion:248 Resp: 61364

Ion Ratio Lower Upper

248 100

250 200.6 77.2 115.8#

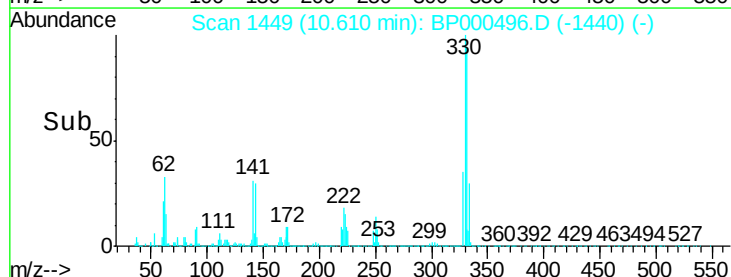
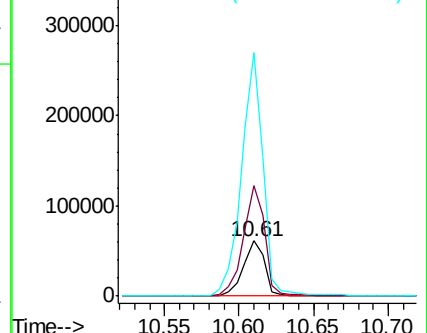
141 439.4 45.3 67.9#

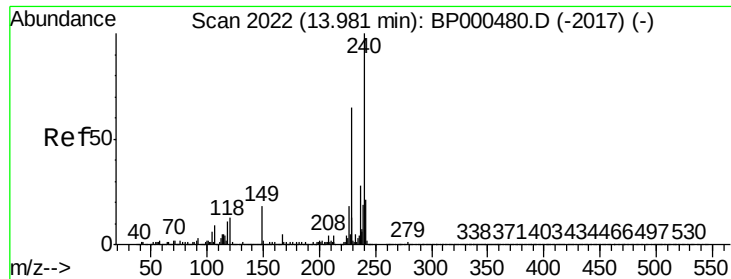


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

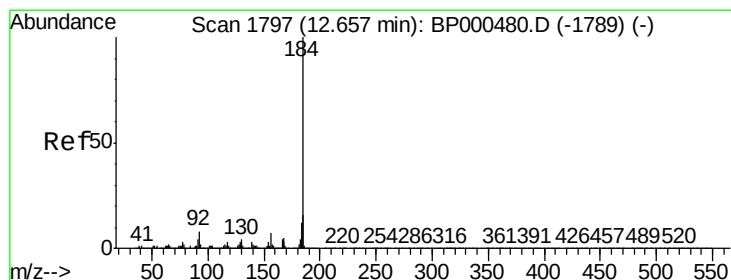
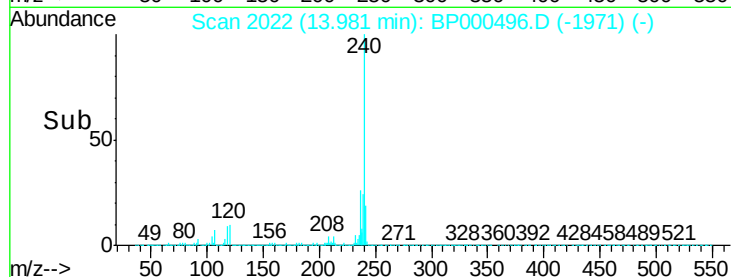
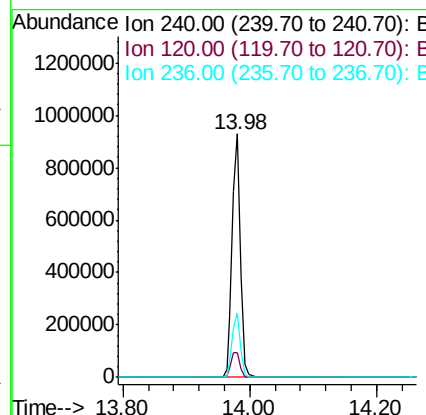
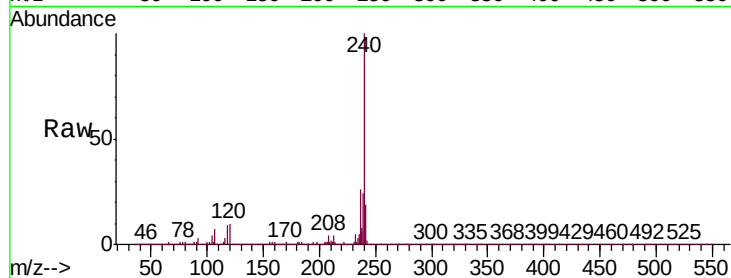




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

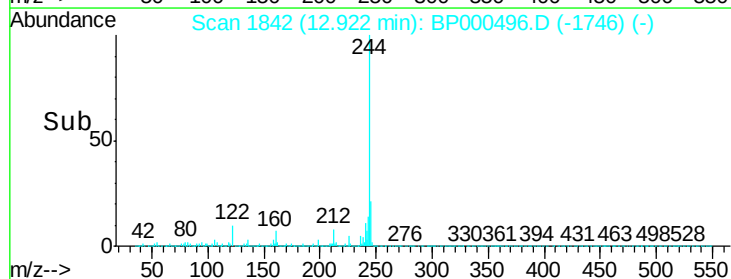
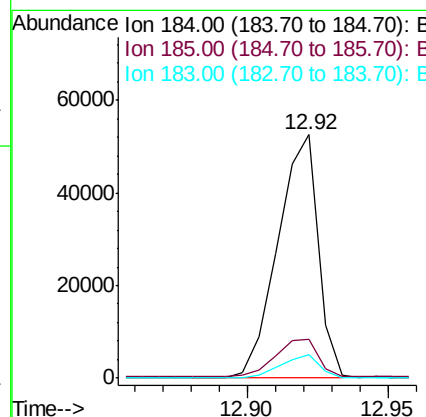
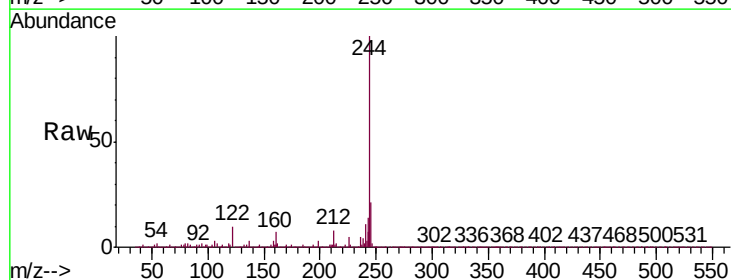
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-2

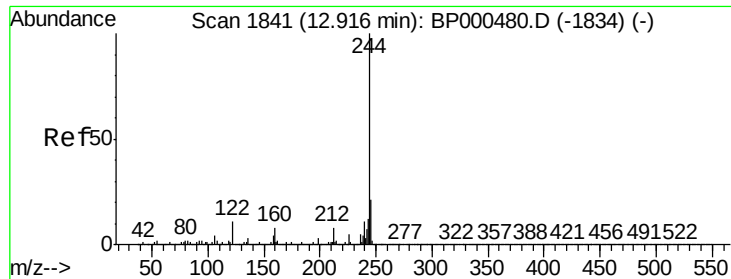
Tgt Ion:240 Resp: 839234
Ion Ratio Lower Upper
240 100
120 10.4 10.1 15.1
236 26.4 22.7 34.1



#77
Benzidine
Concen: 2.150 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.26 min
Lab File: BP000496.D
Acq: 03 Oct 2019 15:33

Tgt Ion:184 Resp: 52260
Ion Ratio Lower Upper
184 100
185 16.0 12.7 19.1
183 9.8 9.7 14.5

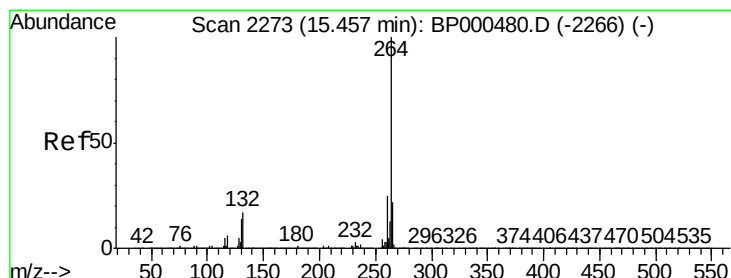
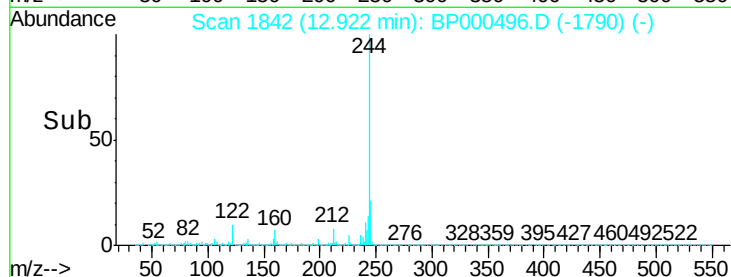
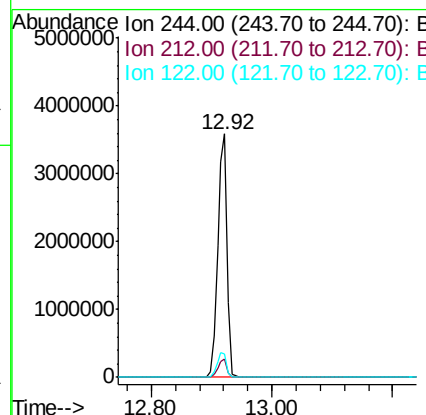
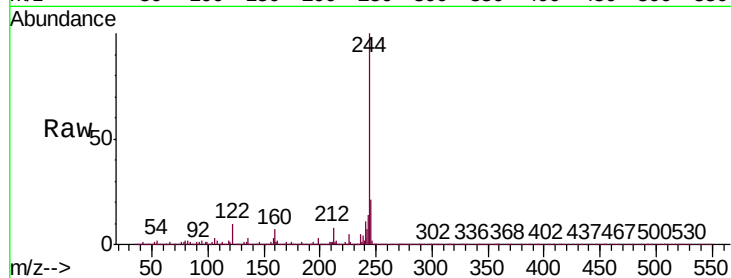




#79
 Terphenyl-d14
 Concen: 90.723 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BP000496.D
 Acq: 03 Oct 2019 15:33

Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-2

Tgt Ion:244 Resp: 3760407
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 9.8 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BP000496.D
 Acq: 03 Oct 2019 15:33

Tgt Ion:264 Resp: 515258
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.3 30.5
 265 21.0 18.0 27.0

