

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000497.D
 Acq On : 03 Oct 2019 15:57
 Operator : JU
 Sample : K5095-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

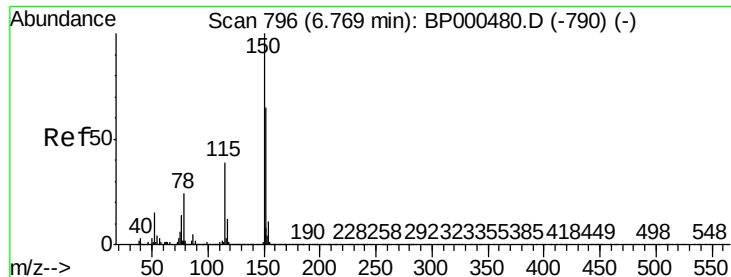
Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-3

Quant Time: Oct 04 01:29:08 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	283302	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1022496	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	586432	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1070748	20.00	ng	0.00
76) Chrysene-d12	13.98	240	870372	20.00	ng	0.00
87) Perylene-d12	15.46	264	503266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1915020	108.66	ng	0.02
7) Phenol-d6	6.42	99	2418429	113.87	ng	0.00
23) Nitrobenzene-d5	7.33	82	1385182	82.74	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	878197	140.53	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	3015091	83.19	ng	0.00
79) Terphenyl-d14	12.92	244	3691199	85.87	ng	0.00
Target Compounds						
10) Phenol	6.43	94	102735	4.725	ng	89
19) n-Nitroso-di-n-propylamine	7.33	70	171545	17.523	ng	# 72
25) Isophorone	7.33	82	1384954	46.611	ng	# 61
41) Hexachlorocyclopentadiene	8.91	237	14	7.299	ng	85
50) Dimethylphthalate	9.53	163	600083	14.727	ng	99
57) 2,4-Dinitrotoluene	9.82	165	76654	6.506	ng	# 32
67) 4-Bromophenyl-phenylether	10.61	248	60929	5.055	ng	# 1
77) Benzidine	12.92	184	50769	2.014	ng	96

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

```
Data Path : Z:\SV0ASRV\HPCHEM1\BNA_P\DATA\BP100319\  
Data File : BP000497.D  
Acq On    : 03 Oct 2019  15:57  
Operator  : JU  
Sample    : K5095-03  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

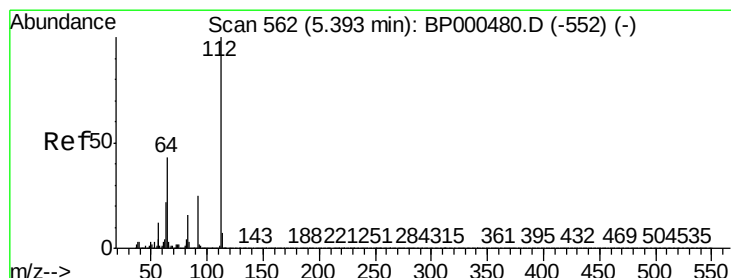
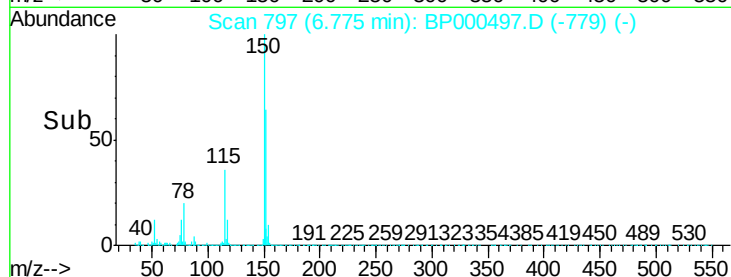
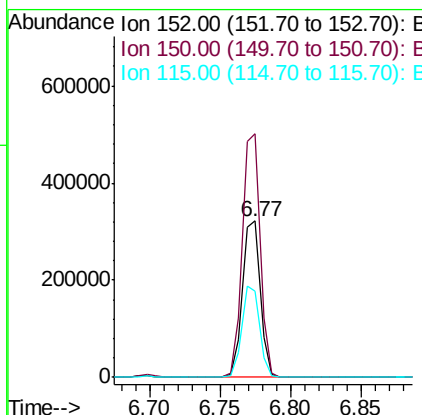
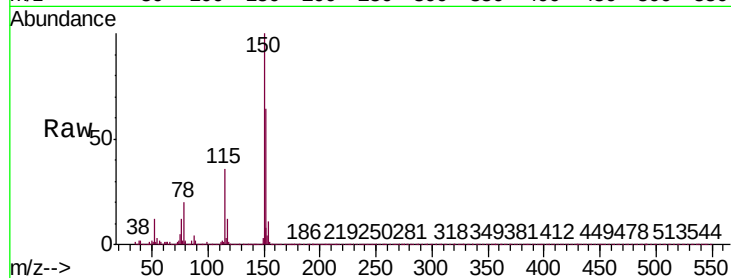


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-3

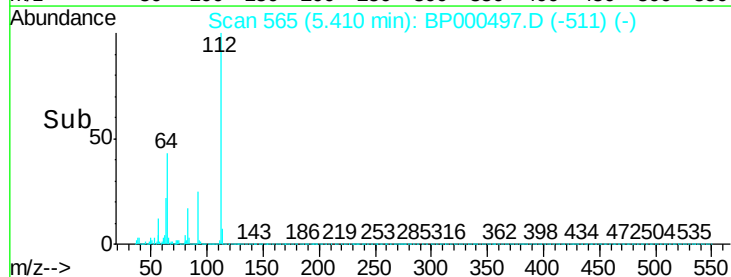
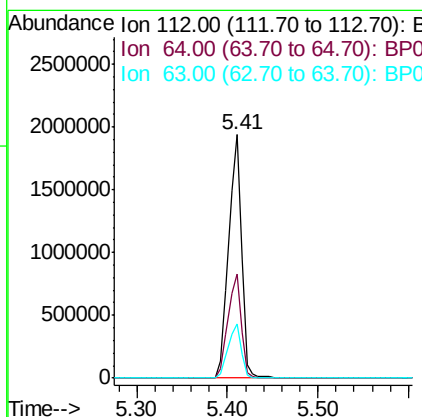
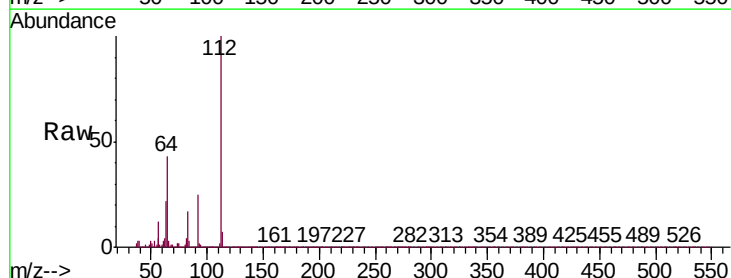
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.1	186.1
115	55.4	48.7	73.1

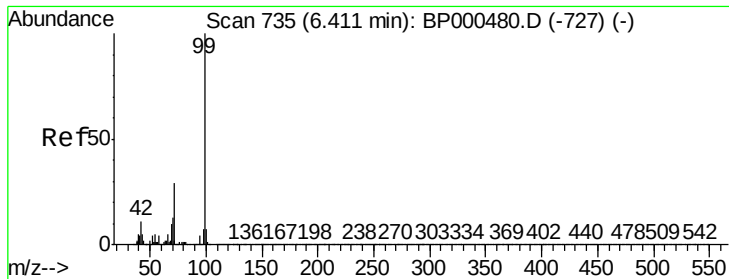


#5

2-Fluorophenol
Concen: 108.657 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.7	34.2	51.4
63	22.2	17.9	26.9





#7

Phenol-d6

Concen: 113.872 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000497.D

Acq: 03 Oct 2019 15:57

Instrument :

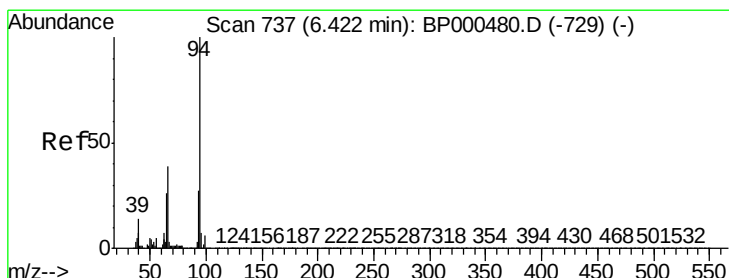
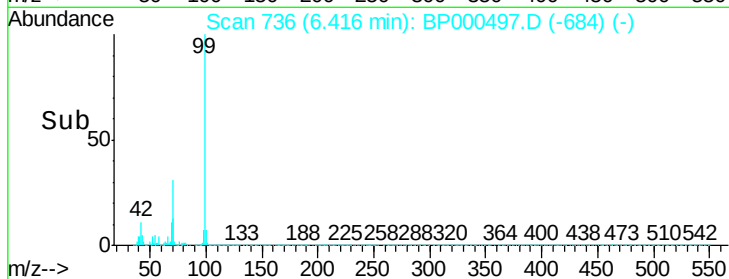
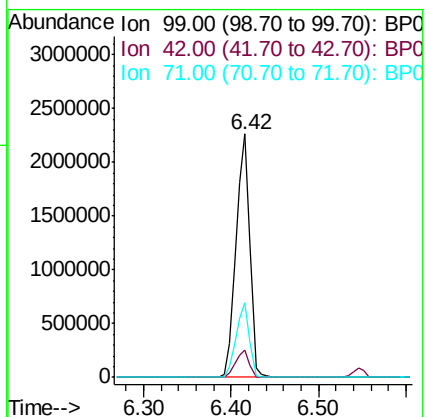
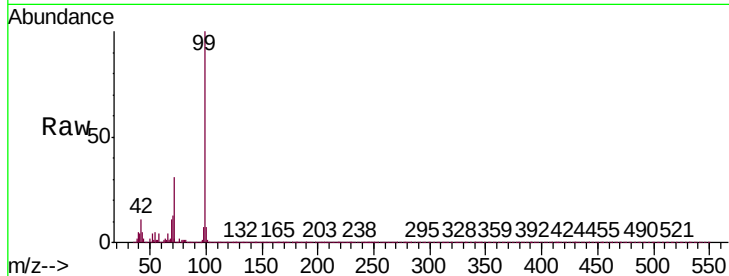
BNA_P

ClientSampleId :

COMPOSITE-3

Tgt Ion: 99 Resp: 2418429

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.6	12.8
71	30.7	23.0	34.4



#10

Phenol

Concen: 4.725 ng

RT: 6.43 min Scan# 738

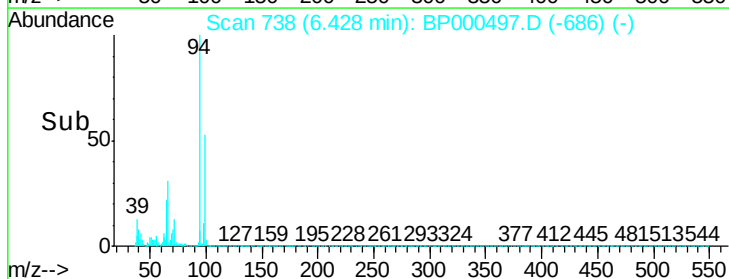
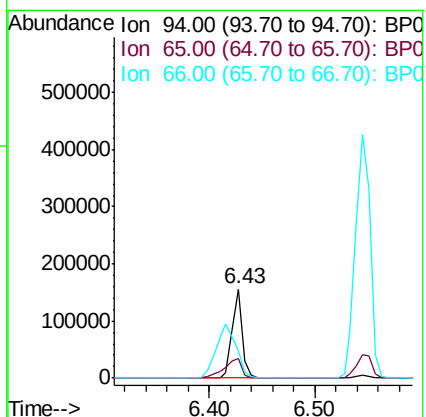
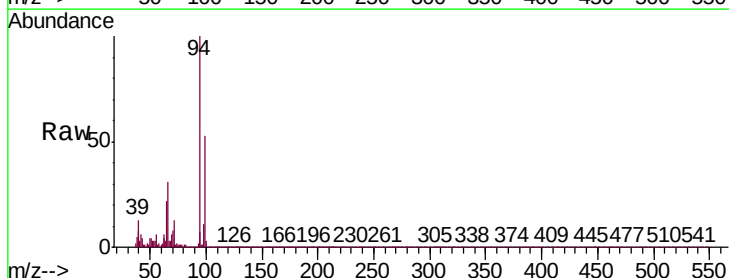
Delta R.T. 0.01 min

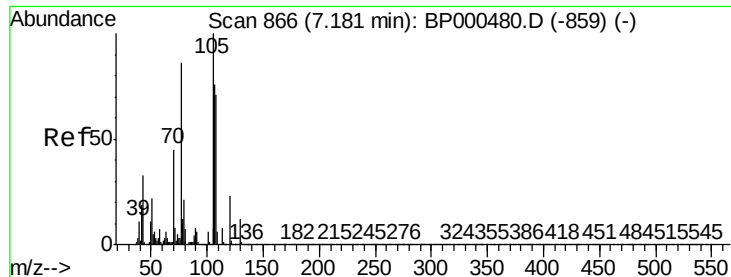
Lab File: BP000497.D

Acq: 03 Oct 2019 15:57

Tgt Ion: 94 Resp: 102735

Ion	Ratio	Lower	Upper
94	100		
65	21.7	5.9	45.9
66	31.1	18.8	58.8

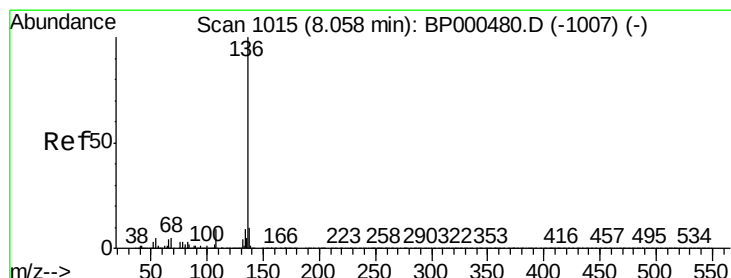
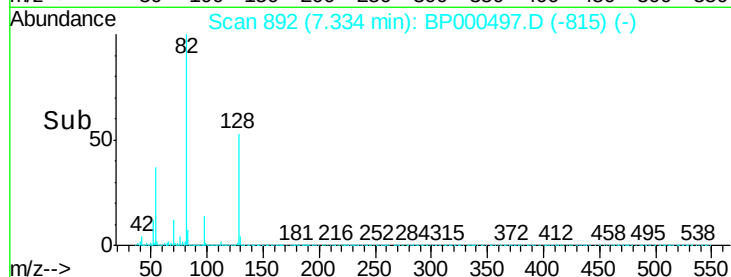
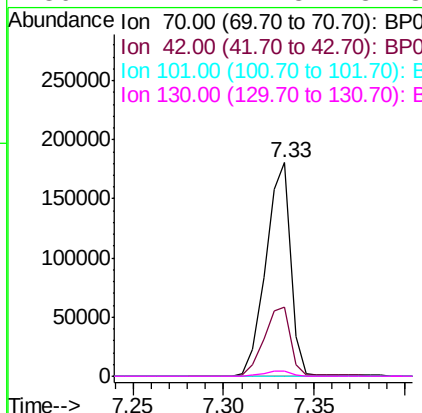
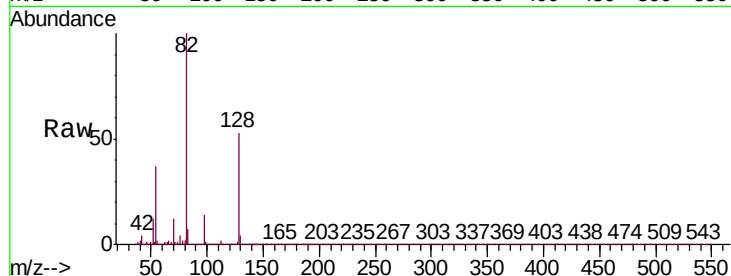




#19
n-Nitroso-di-n-propylamine
Concen: 17.523 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

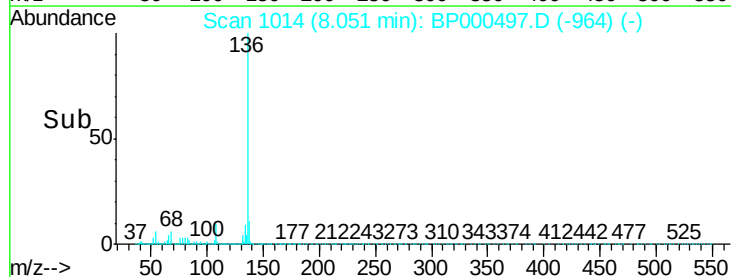
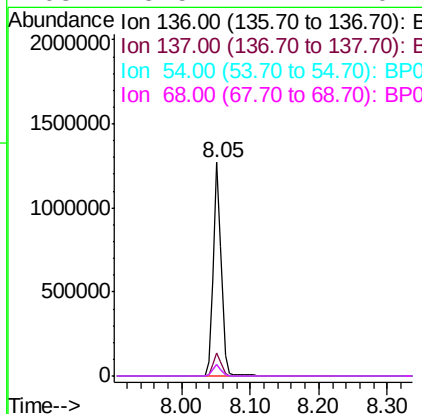
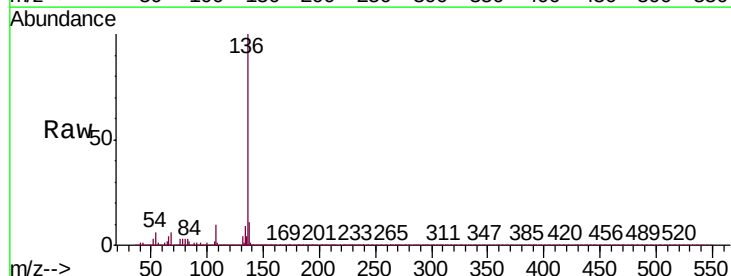
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-3

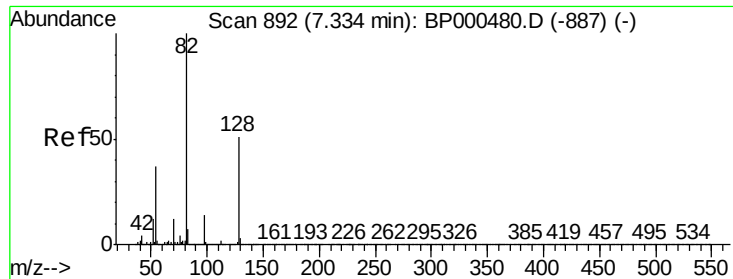
Tgt Ion:	70	Resp:	171545
Ion	Ratio	Lower	Upper
70	100		
42	32.7	33.2	49.8#
101	0.1	9.9	14.9#
130	2.7	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

Tgt Ion:	136	Resp:	1022496
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.6	4.1	6.1
68	5.5	4.1	6.1

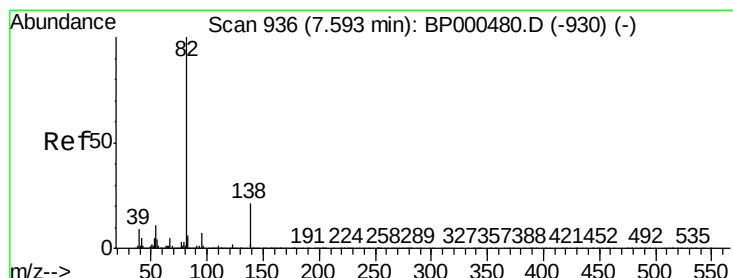
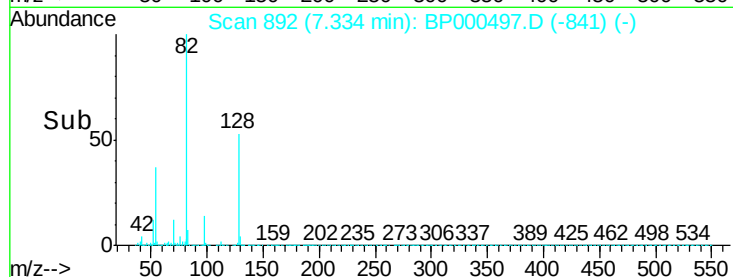
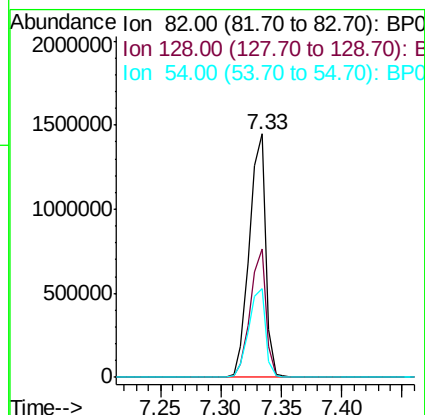
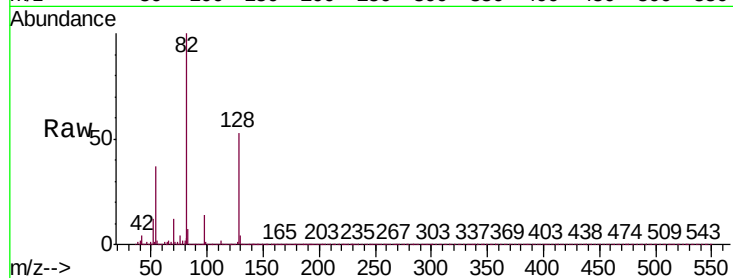




#23
 Nitrobenzene-d5
 Concen: 82.739 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BP000497.D
 Acq: 03 Oct 2019 15:57

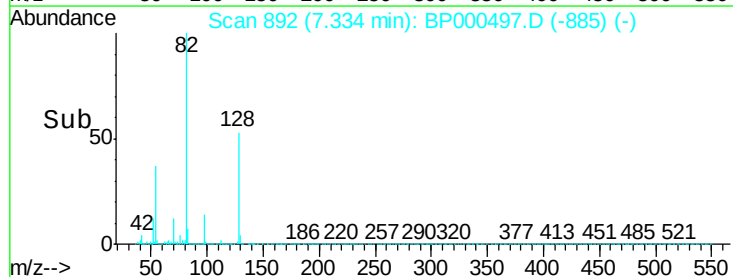
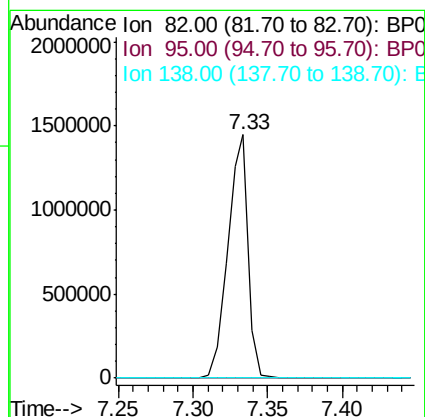
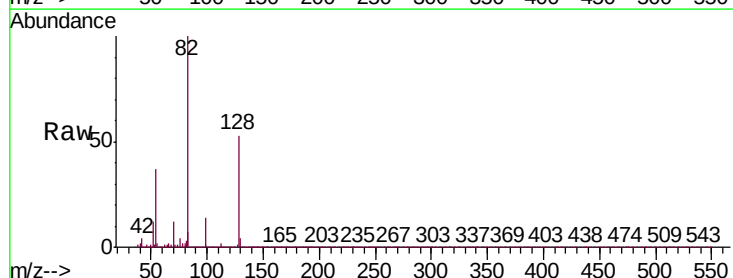
Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-3

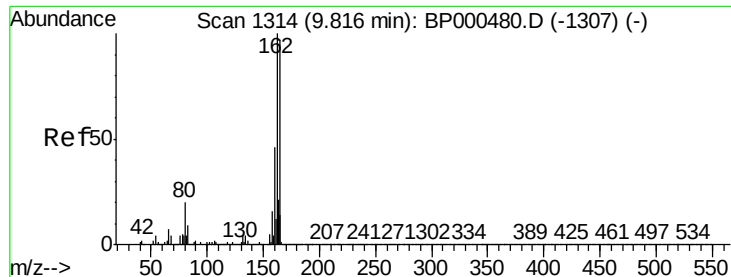
Tgt Ion: 82 Resp: 1385182
 Ion Ratio Lower Upper
 82 100
 128 53.0 40.9 61.3
 54 36.6 29.4 44.2



#25
 Isophorone
 Concen: 46.611 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BP000497.D
 Acq: 03 Oct 2019 15:57

Tgt Ion: 82 Resp: 1384954
 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: BP000497.D

Acq: 03 Oct 2019 15:57

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-3

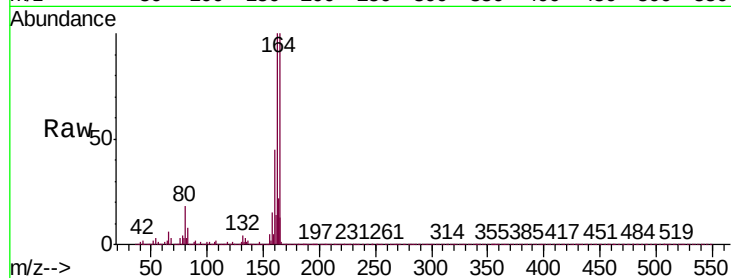
Tgt Ion:164 Resp: 586432

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

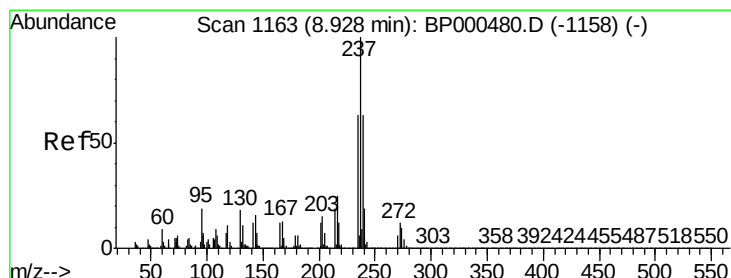
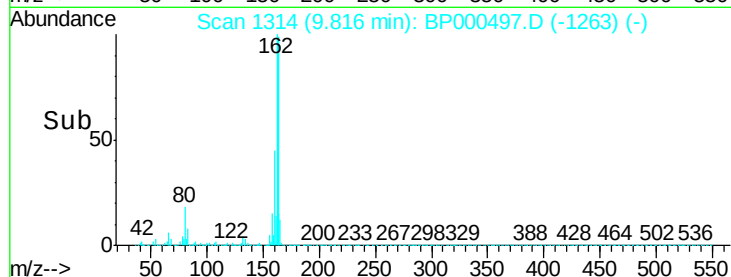
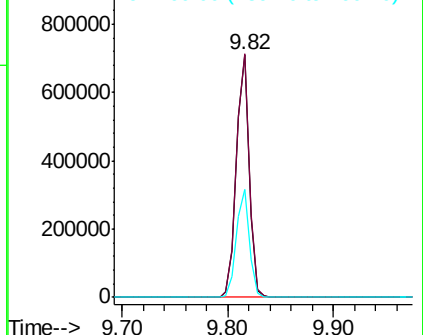
160 44.7 37.6 56.4



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



#41

Hexachlorocyclopentadiene

Concen: 7.299 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000497.D

Acq: 03 Oct 2019 15:57

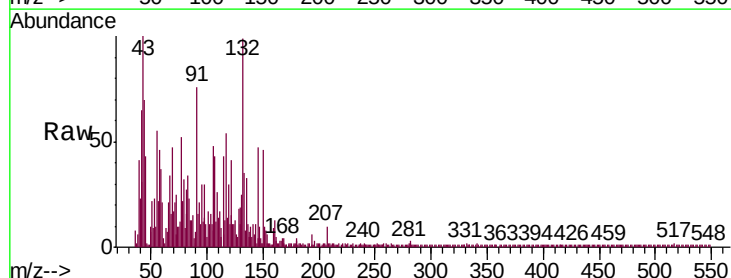
Tgt Ion:237 Resp: 14

Ion Ratio Lower Upper

237 100

235 72.2 42.9 82.9

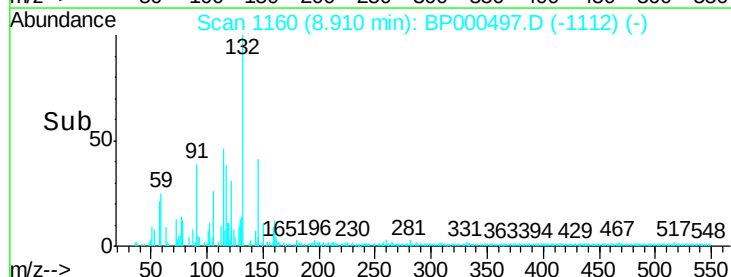
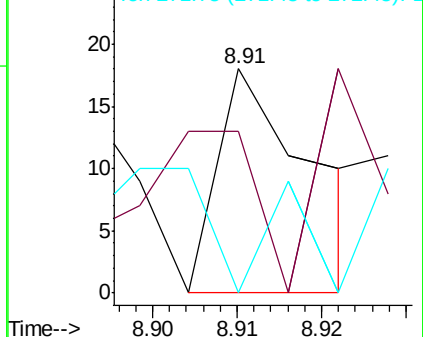
272 0.0 0.0 32.4

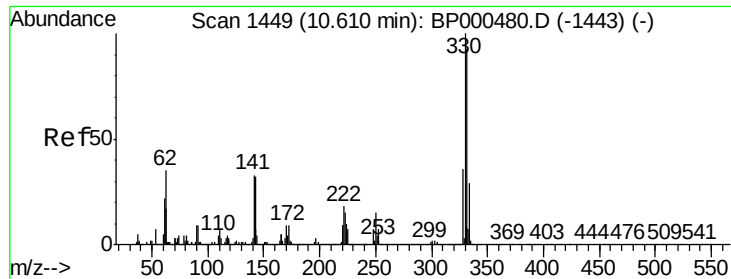


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

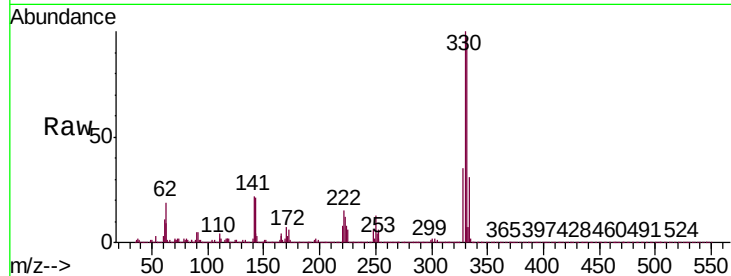




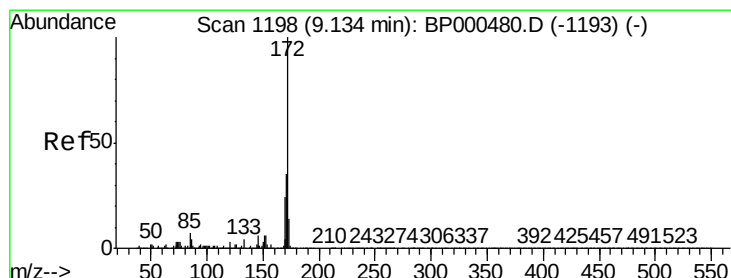
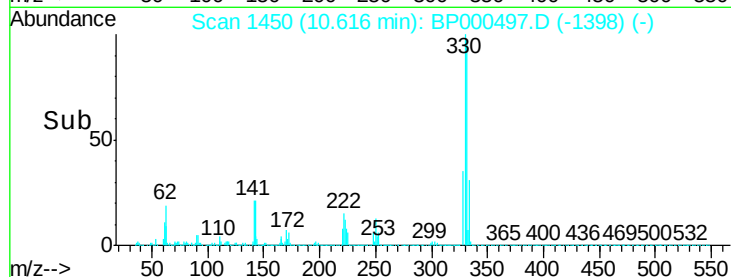
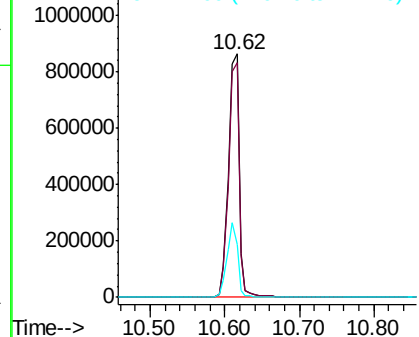
#42
2,4,6-Tribromophenol
Concen: 140.531 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-3

Tgt Ion:330 Resp: 878197
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 30.0 26.0 39.0

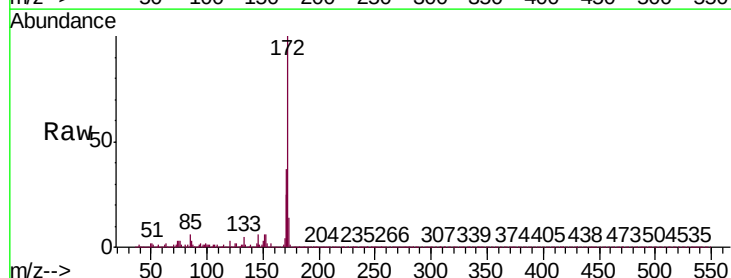


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

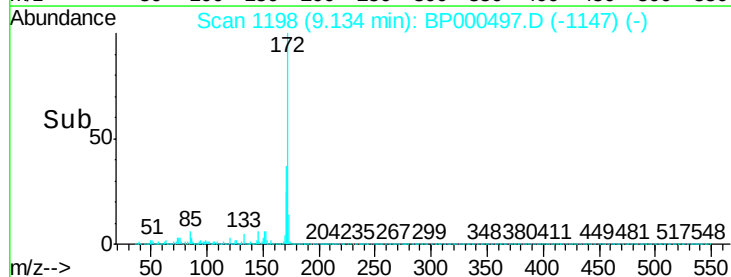
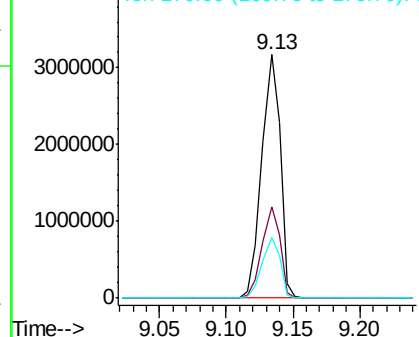


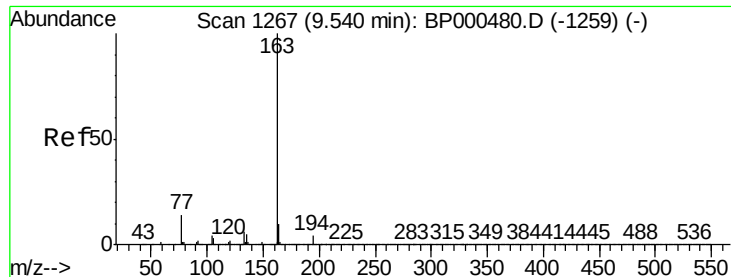
#45
2-Fluorobiphenyl
Concen: 83.188 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

Tgt Ion:172 Resp: 3015091
Ion Ratio Lower Upper
172 100
171 37.3 28.4 42.6
170 24.8 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

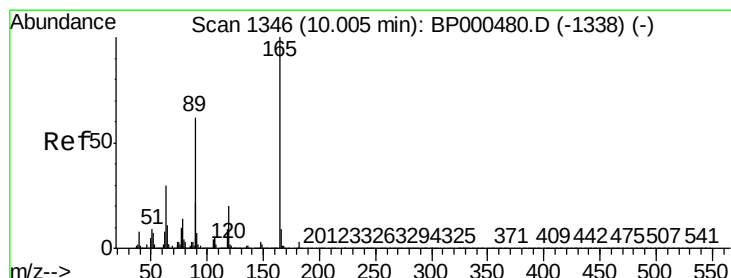
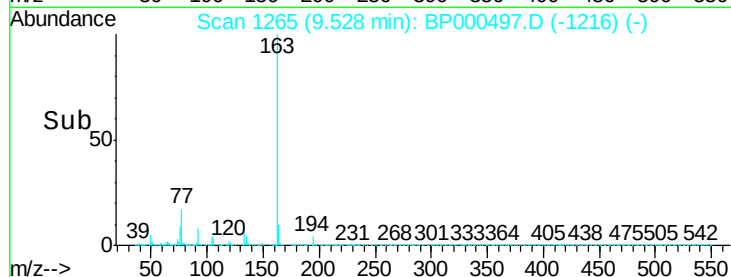
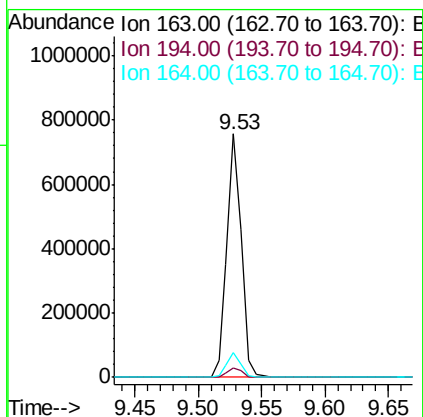
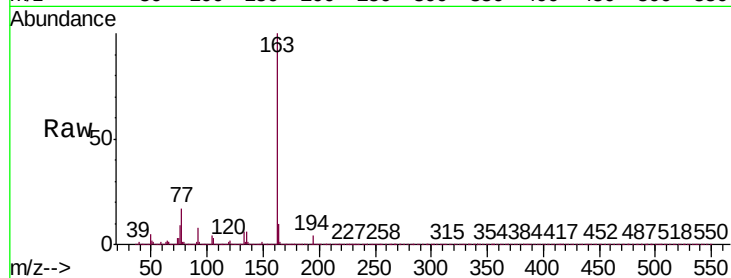




#50
Dimethylphthalate
Concen: 14.727 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

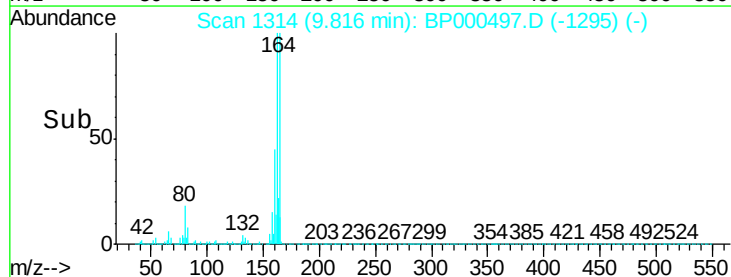
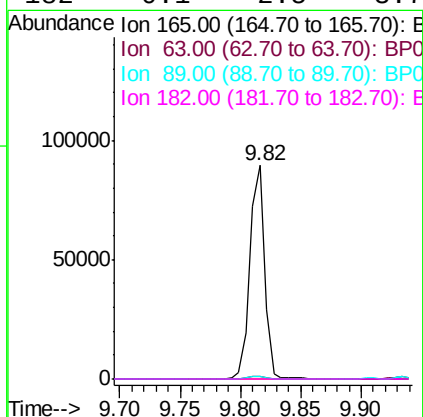
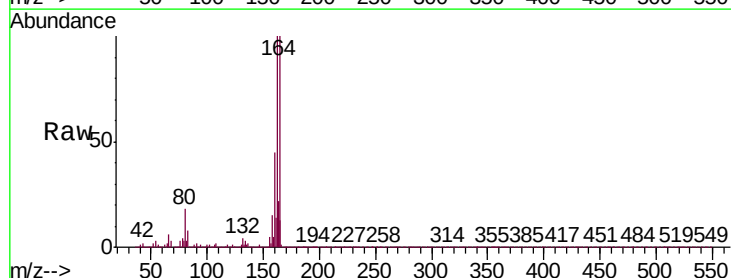
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-3

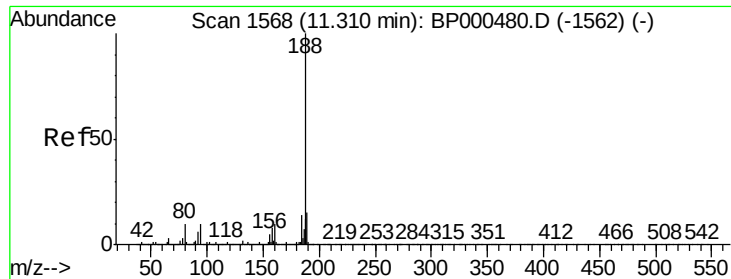
Tgt Ion:163 Resp: 600083
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.4 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.506 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

Tgt Ion:165 Resp: 76654
Ion Ratio Lower Upper
165 100
63 1.1 24.2 36.4#
89 1.3 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: BP000497.D

Acq: 03 Oct 2019 15:57

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-3

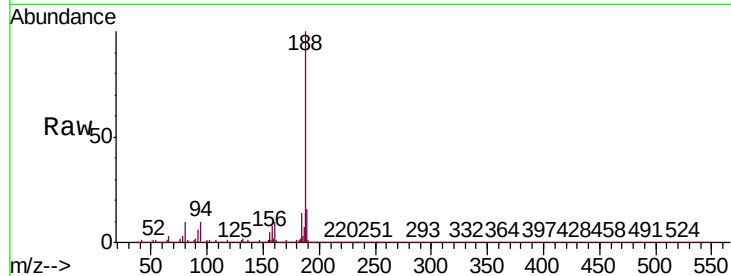
Tgt Ion:188 Resp: 1070748

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

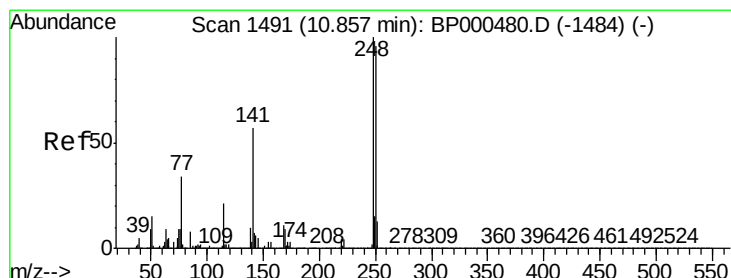
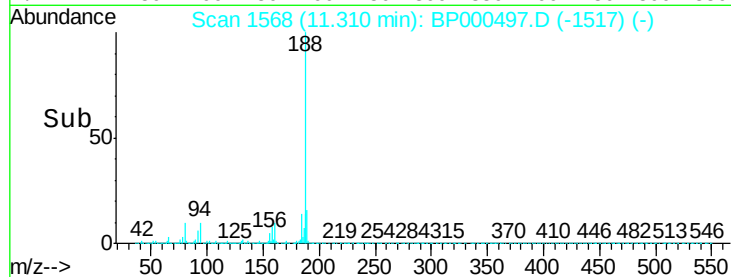
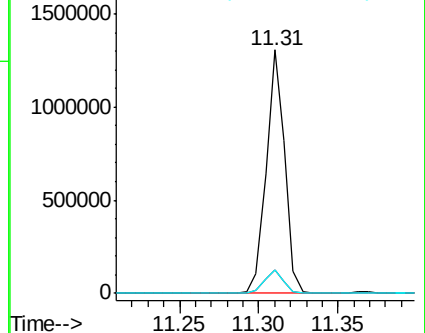
80 9.8 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#67

4-Bromophenyl-phenylether

Concen: 5.055 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000497.D

Acq: 03 Oct 2019 15:57

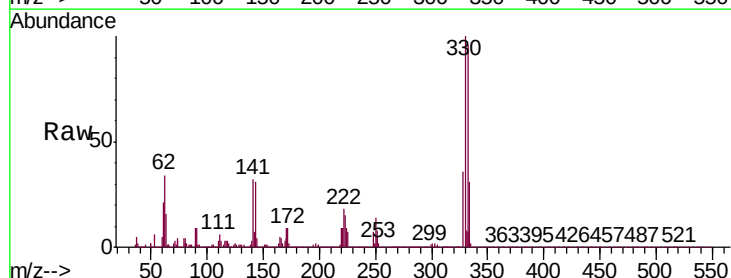
Tgt Ion:248 Resp: 60929

Ion Ratio Lower Upper

248 100

250 198.3 77.2 115.8#

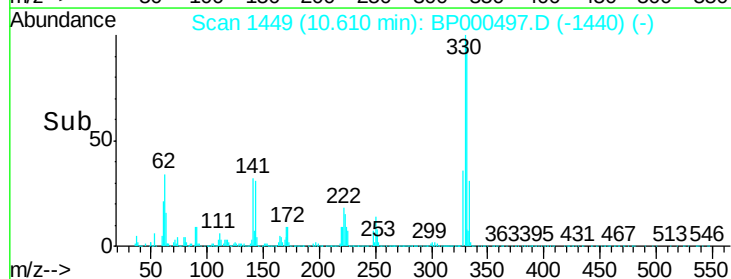
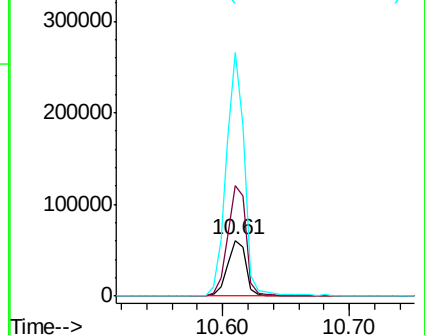
141 438.4 45.3 67.9#

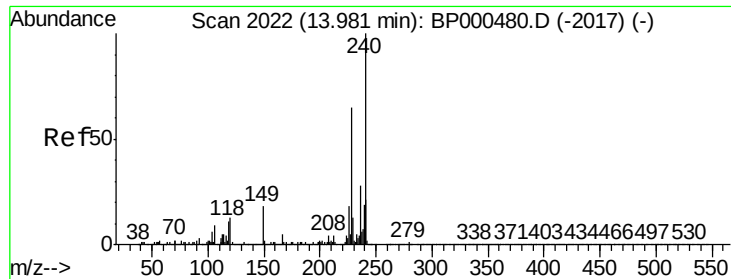


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

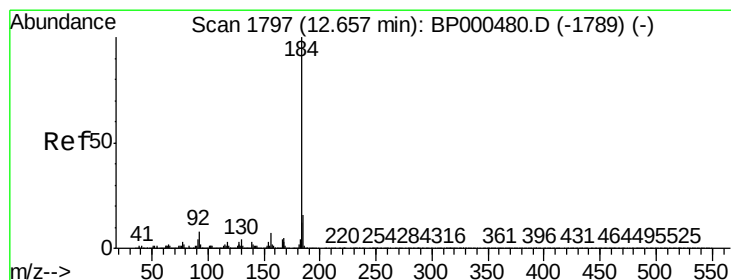
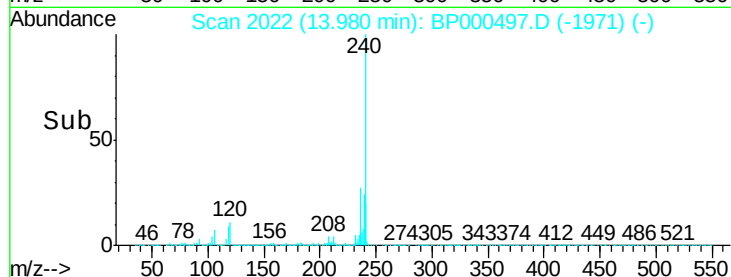
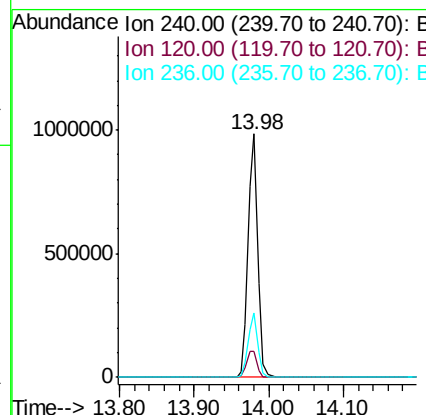
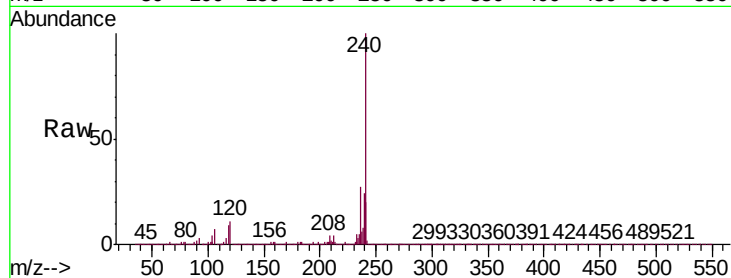




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

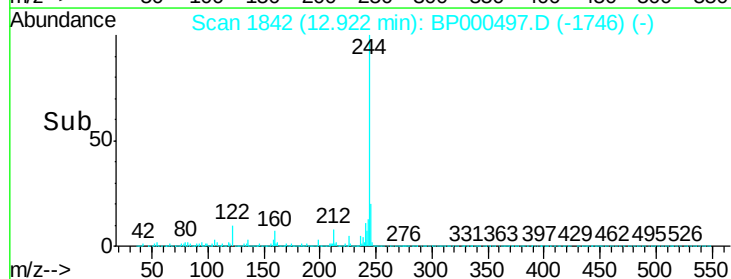
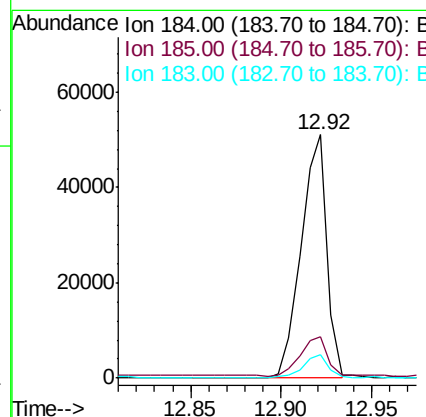
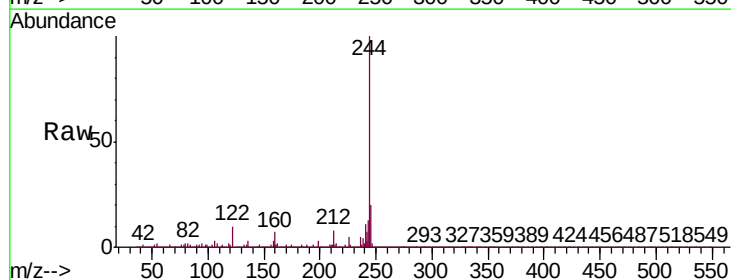
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-3

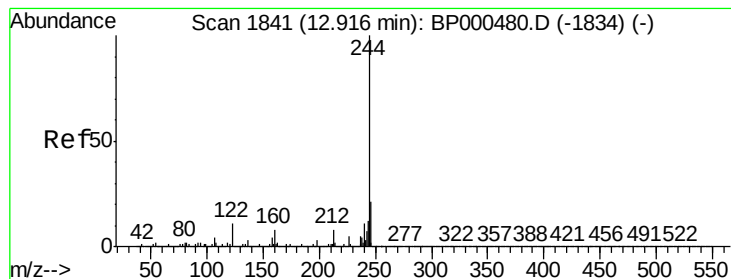
Tgt Ion:240 Resp: 870372
Ion Ratio Lower Upper
240 100
120 10.7 10.1 15.1
236 26.7 22.7 34.1



#77
Benzidine
Concen: 2.014 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.26 min
Lab File: BP000497.D
Acq: 03 Oct 2019 15:57

Tgt Ion:184 Resp: 50769
Ion Ratio Lower Upper
184 100
185 16.9 12.7 19.1
183 9.8 9.7 14.5





#79

Terphenyl-d14

Concen: 85.868 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000497.D

Acq: 03 Oct 2019 15:57

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-3

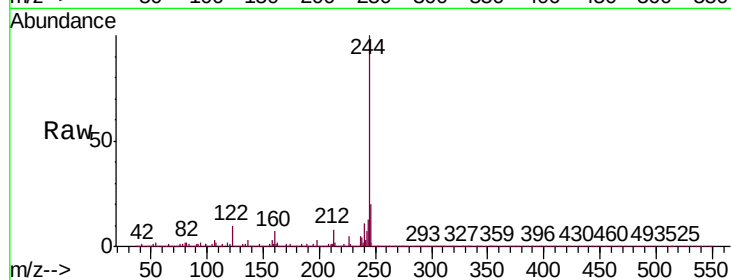
Tgt Ion:244 Resp: 3691199

Ion Ratio Lower Upper

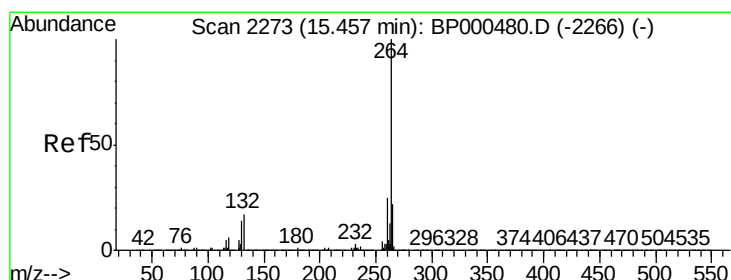
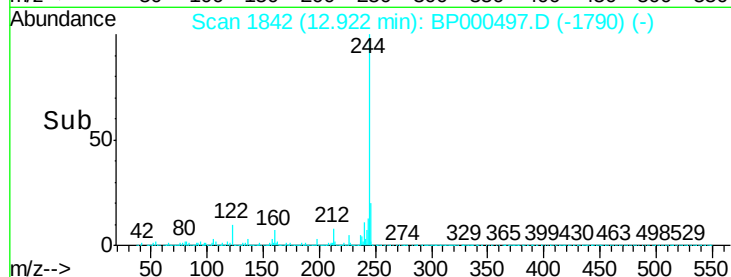
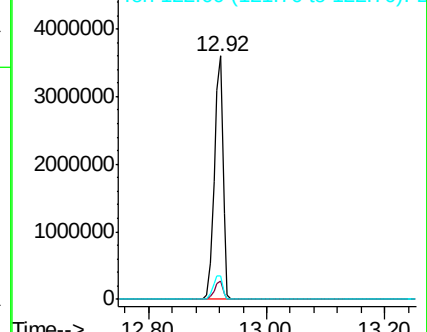
244 100

212 7.5 6.0 9.0

122 9.8 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: BP000497.D

Acq: 03 Oct 2019 15:57

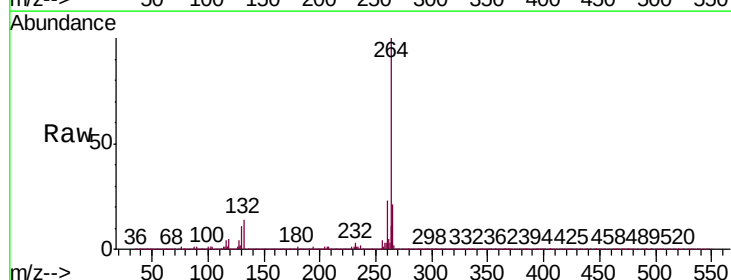
Tgt Ion:264 Resp: 503266

Ion Ratio Lower Upper

264 100

260 23.3 20.3 30.5

265 21.5 18.0 27.0



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

