

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000495.D
 Acq On : 03 Oct 2019 15:09
 Operator : JU
 Sample : K5095-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-1

Quant Time: Oct 04 01:28:40 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

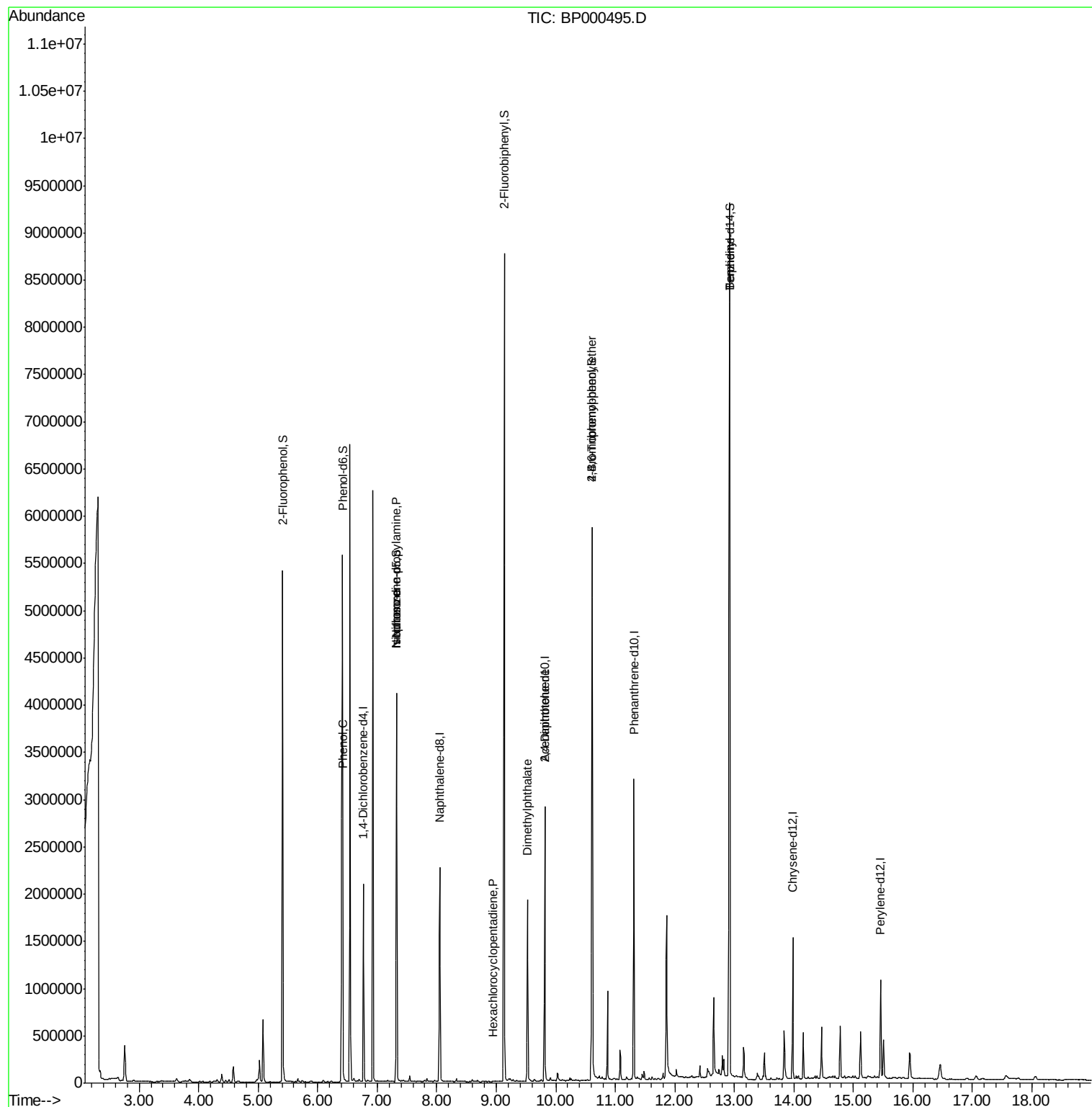
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	302913	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1101697	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	615915	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1112960	20.00	ng	0.00
76) Chrysene-d12	13.98	240	483181	20.00	ng	0.00
87) Perylene-d12	15.46	264	511360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2061952	109.42	ng	0.02
7) Phenol-d6	6.42	99	2502222	110.19	ng	0.00
23) Nitrobenzene-d5	7.33	82	1510662	83.75	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	936902	142.75	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	3293891	86.53	ng	0.00
79) Terphenyl-d14	12.92	244	3635156	152.33	ng	0.00
Target Compounds						
10) Phenol	6.43	94	118379	5.092	ng	87
19) n-Nitroso-di-n-propylamine	7.33	70	187574	17.920	ng	# 73
25) Isophorone	7.33	82	1510293	47.176	ng	# 61
41) Hexachlorocyclopentadiene	8.95	237	9	7.298	ng	77
50) Dimethylphthalate	9.53	163	863328	20.173	ng	99
57) 2,4-Dinitrotoluene	9.82	165	81070	6.551	ng	# 31
67) 4-Bromophenyl-phenylether	10.61	248	63500	5.069	ng	# 1
77) Benzidine	12.92	184	50513	3.610	ng	97

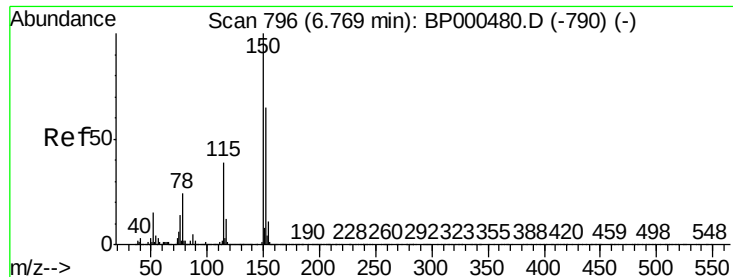
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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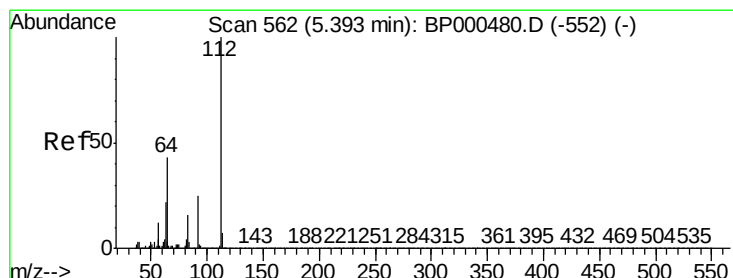
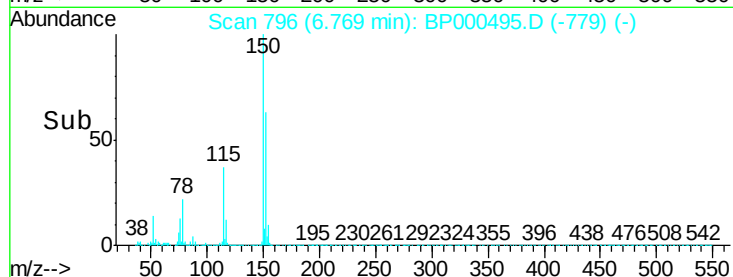
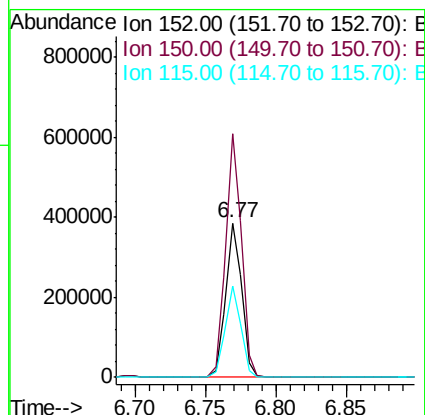
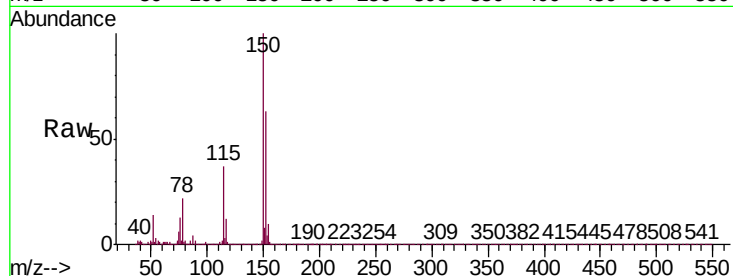


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-1

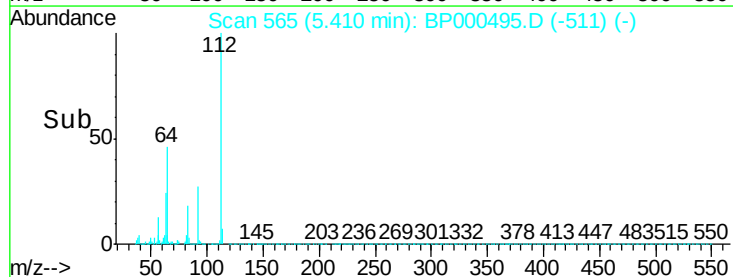
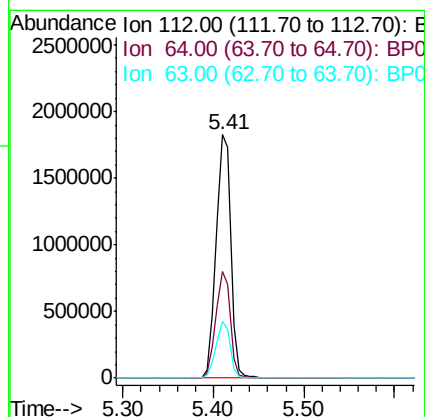
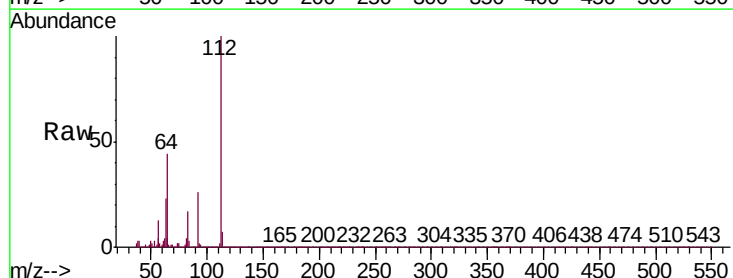
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.1	186.1
115	59.0	48.7	73.1

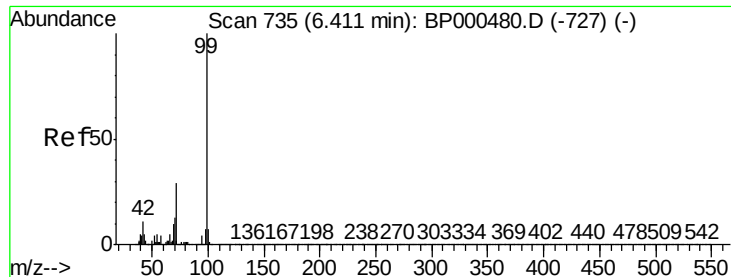


#5

2-Fluorophenol
Concen: 109.420 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.8	34.2	51.4
63	23.1	17.9	26.9





#7

Phenol-d6

Concen: 110.190 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000495.D

Acq: 03 Oct 2019 15:09

Instrument :

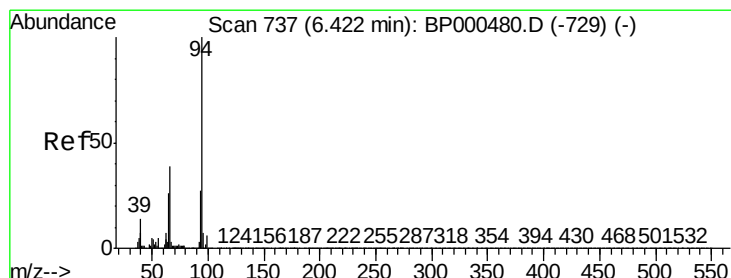
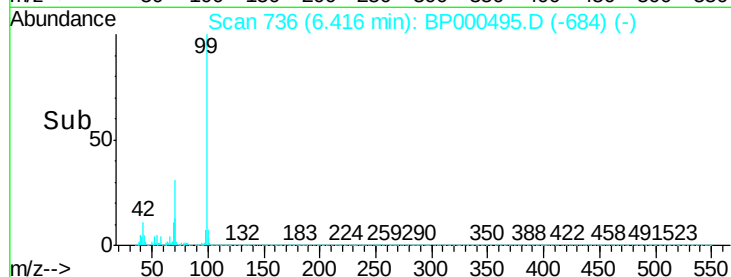
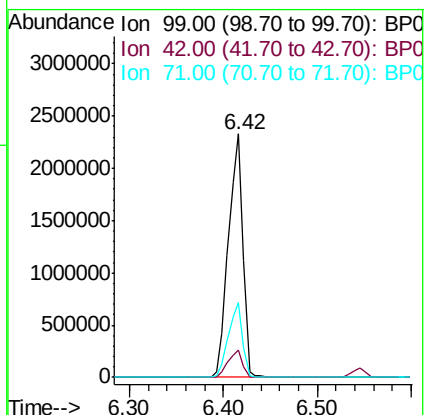
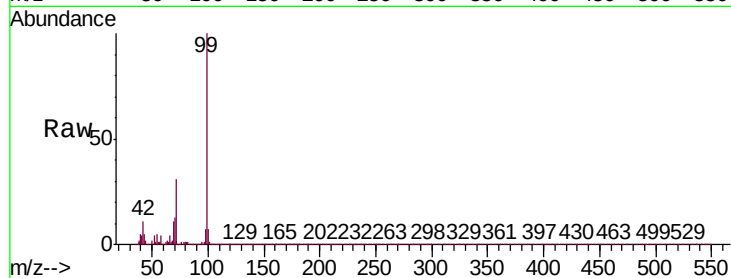
BNA_P

ClientSampleId :

COMPOSITE-1

Tgt Ion: 99 Resp: 2502222

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.6	12.8
71	30.7	23.0	34.4



#10

Phenol

Concen: 5.092 ng

RT: 6.43 min Scan# 738

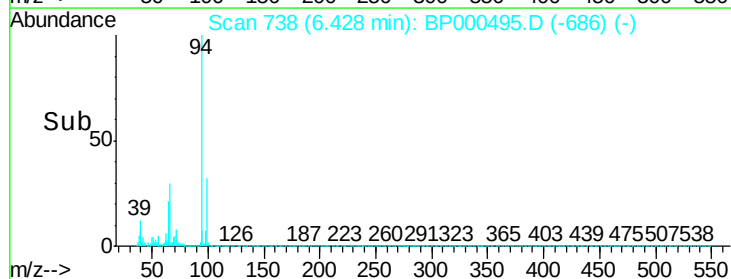
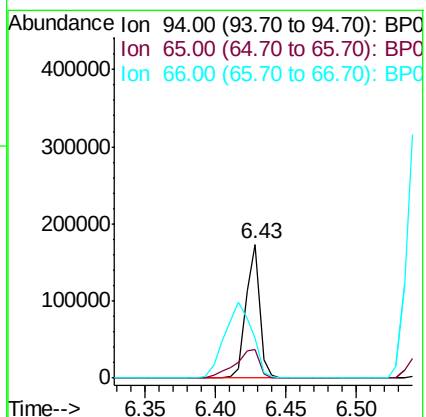
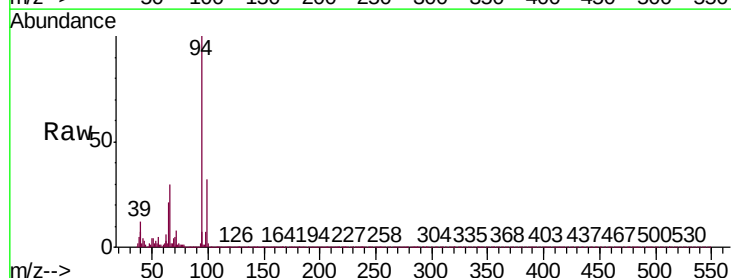
Delta R.T. 0.01 min

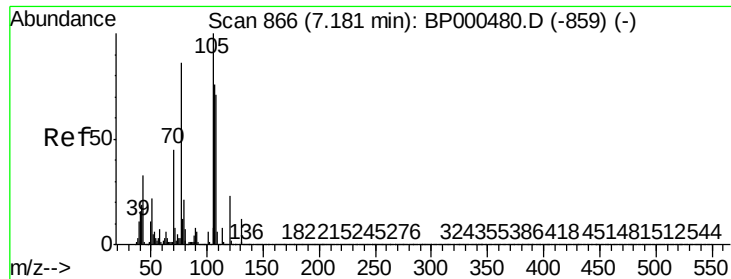
Lab File: BP000495.D

Acq: 03 Oct 2019 15:09

Tgt Ion: 94 Resp: 118379

Ion	Ratio	Lower	Upper
94	100		
65	21.1	5.9	45.9
66	29.9	18.8	58.8

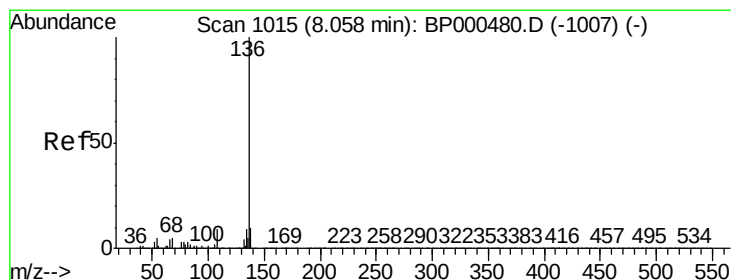
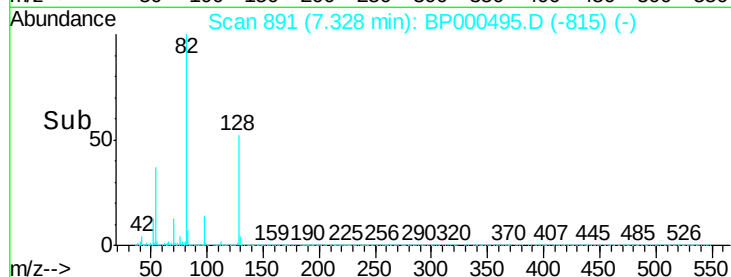
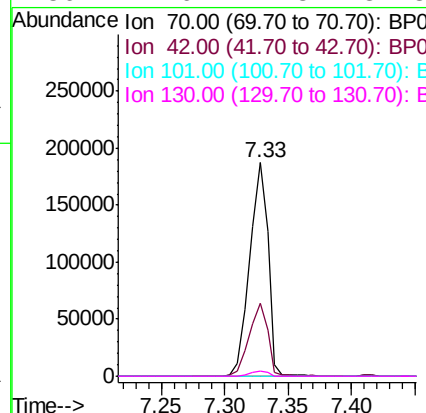
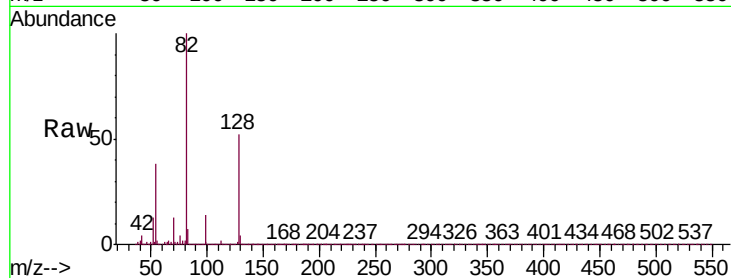




#19
n-Nitroso-di-n-propylamine
Concen: 17.920 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

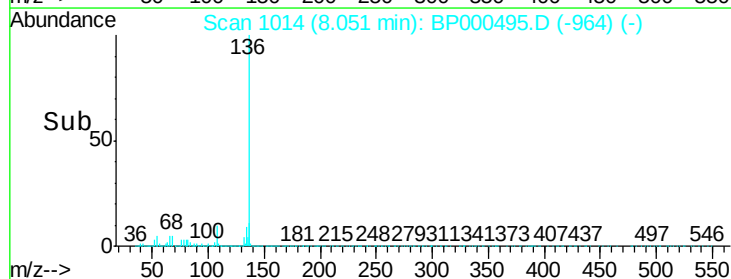
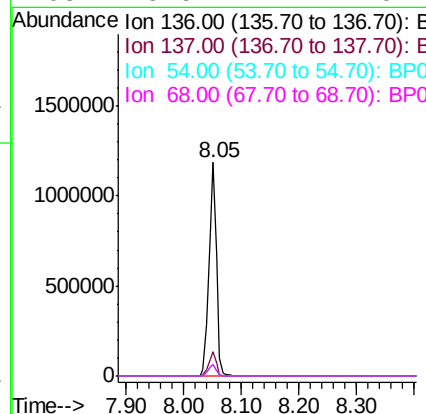
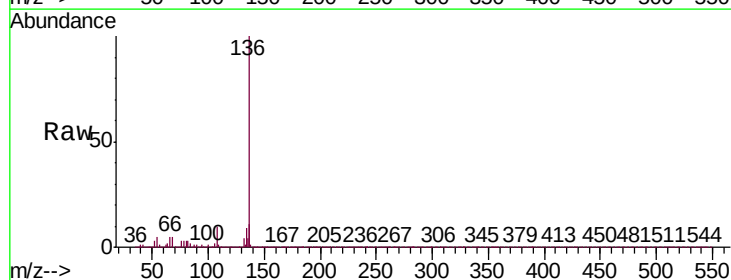
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-1

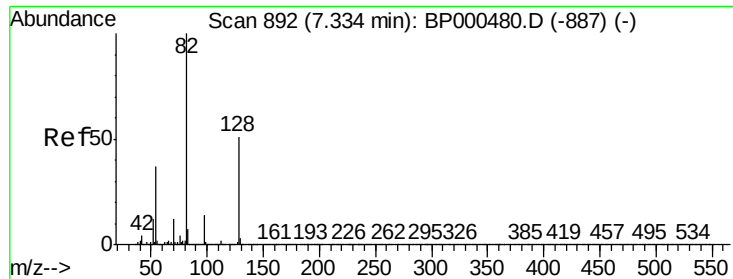
Tgt Ion:	70	Resp:	187574
Ion	Ratio	Lower	Upper
70	100		
42	33.9	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

Tgt Ion:	136	Resp:	1101697
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	5.5	4.1	6.1
68	5.5	4.1	6.1

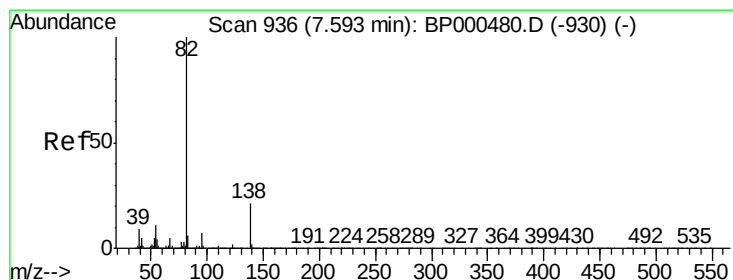
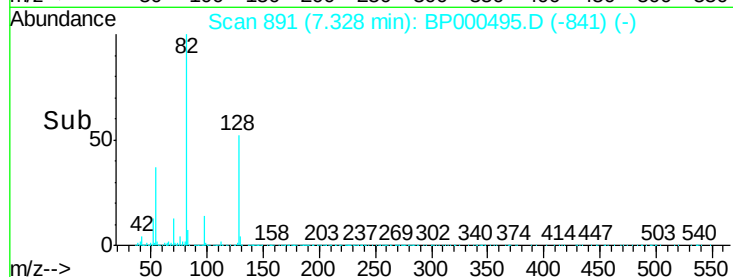
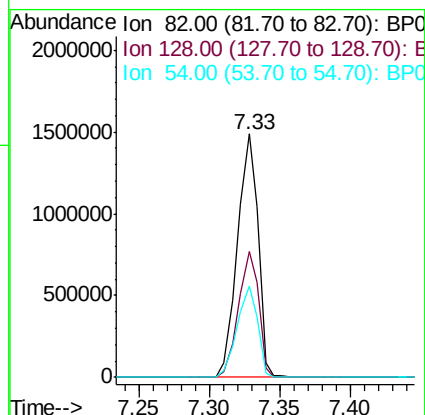
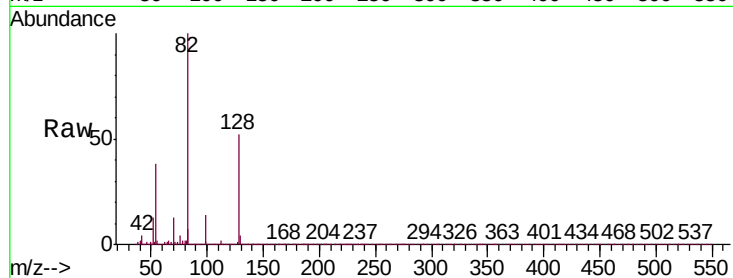




#23
 Nitrobenzene-d5
 Concen: 83.747 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BP000495.D
 Acq: 03 Oct 2019 15:09

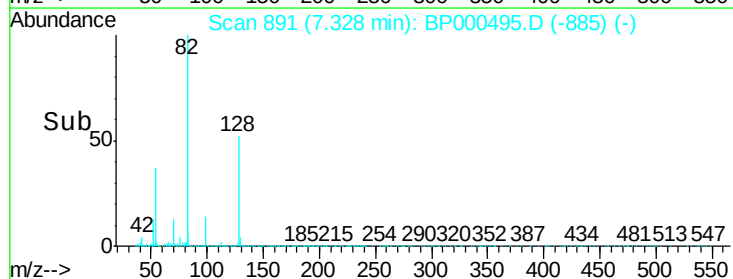
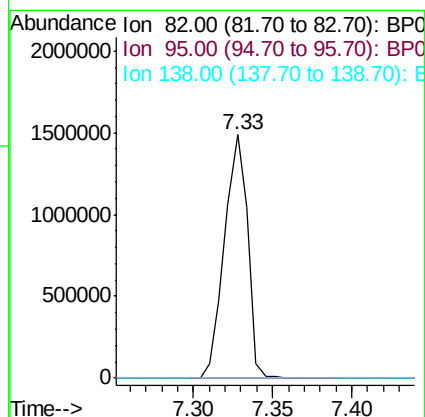
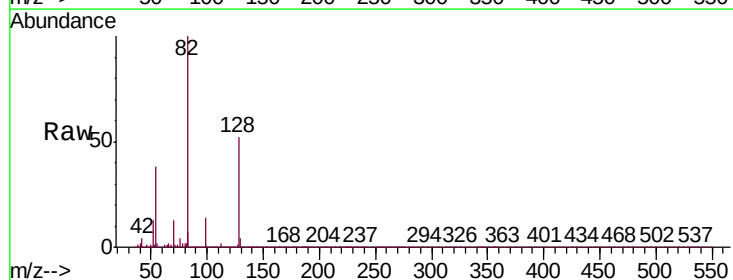
Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-1

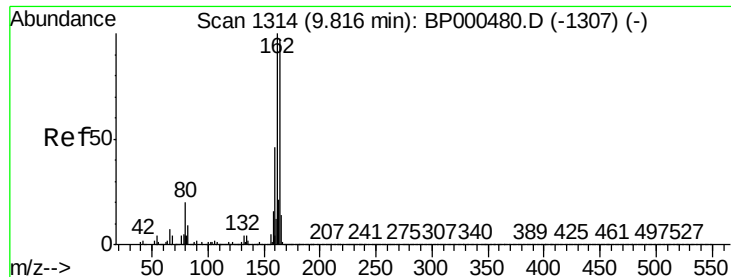
Tgt Ion: 82 Resp: 1510662
 Ion Ratio Lower Upper
 82 100
 128 51.5 40.9 61.3
 54 37.5 29.4 44.2



#25
 Isophorone
 Concen: 47.176 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.27 min
 Lab File: BP000495.D
 Acq: 03 Oct 2019 15:09

Tgt Ion: 82 Resp: 1510293
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#

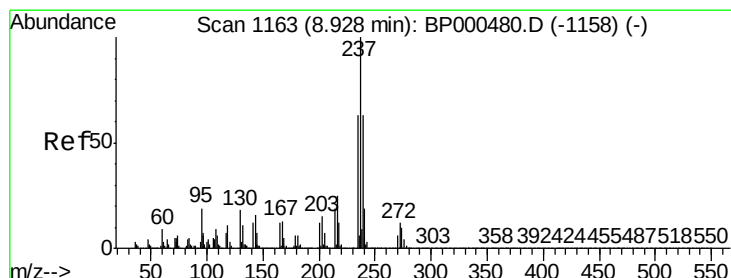
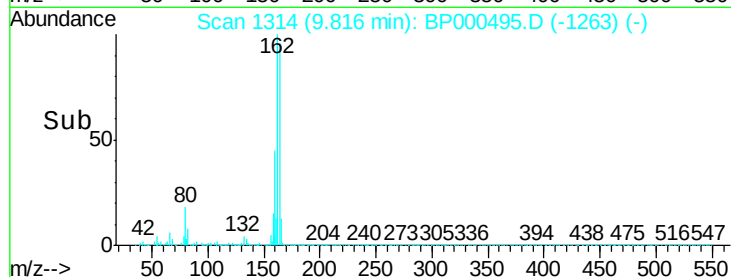
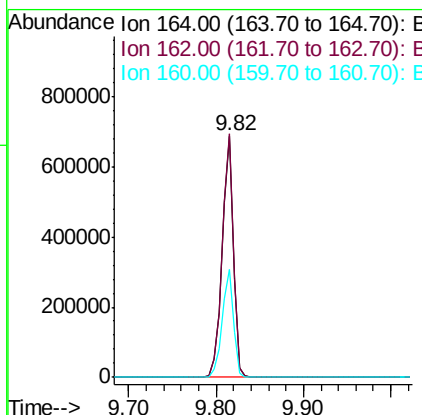
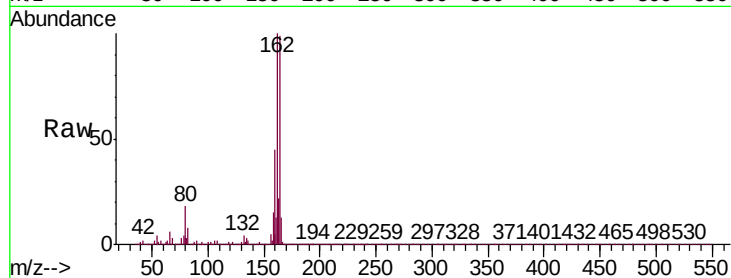




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

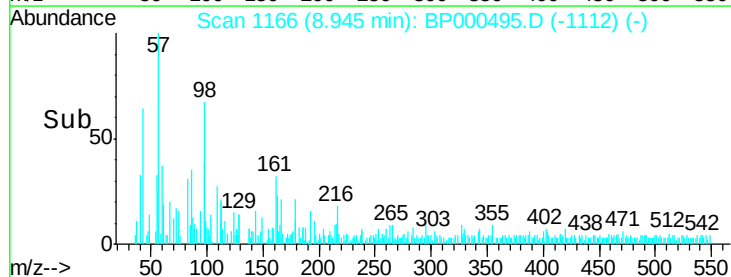
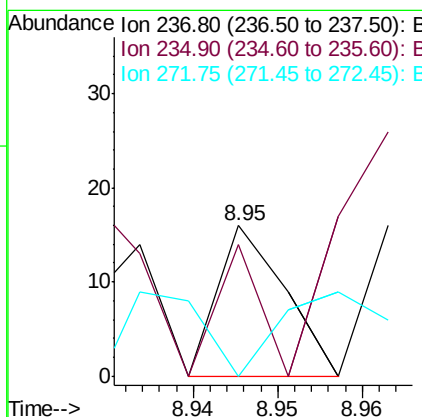
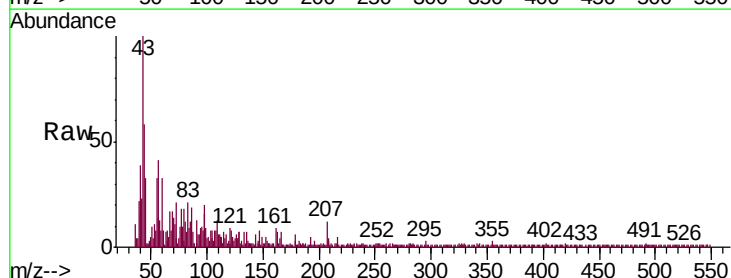
Instrument :
BNA_P
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COMPOSITE-1

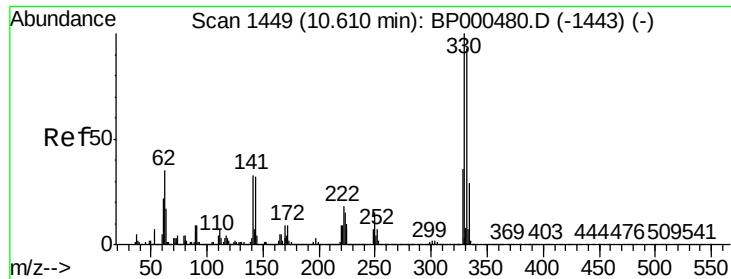
Tgt Ion:164 Resp: 615915
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 45.0 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.02 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

Tgt Ion:237 Resp: 9
Ion Ratio Lower Upper
237 100
235 46.7 42.9 82.9
272 0.0 0.0 32.4

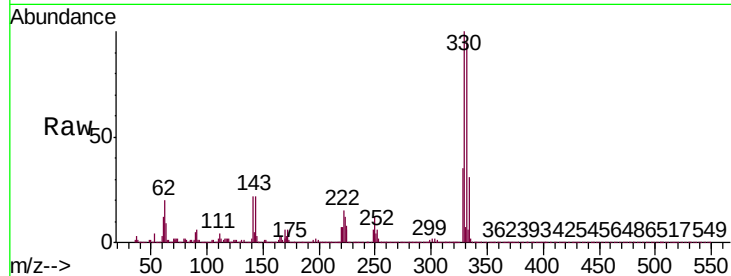




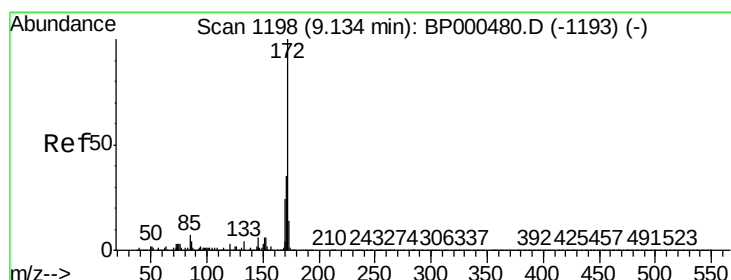
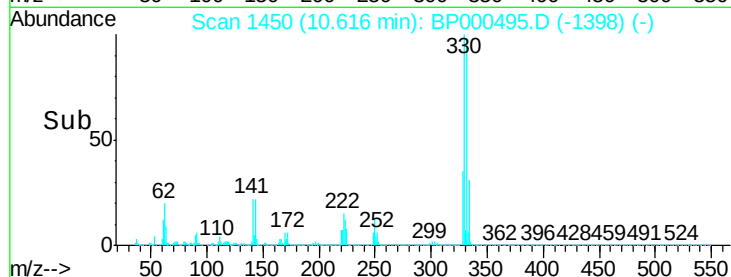
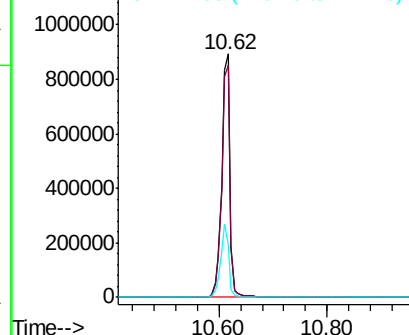
#42
2,4,6-Tribromophenol
Concen: 142.749 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-1

Tgt Ion: 330 Resp: 936902
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 29.6 26.0 39.0

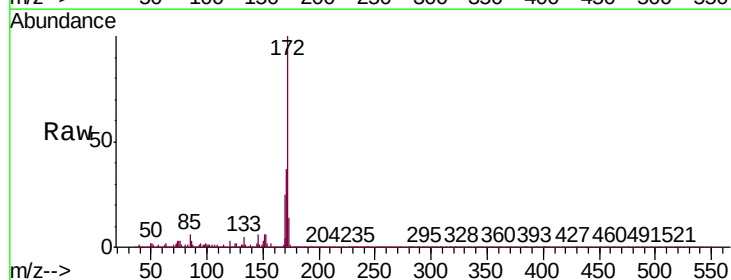


Abundance Ion 329.80 (329.50 to 330.50): E
1200000 Ion 331.80 (331.50 to 332.50): E
1000000 Ion 141.00 (140.70 to 141.70): E

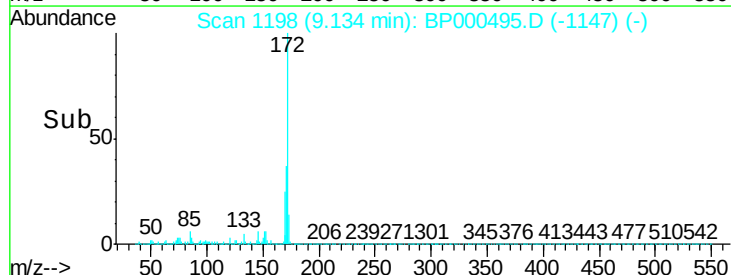
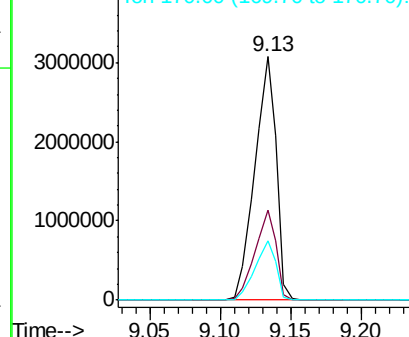


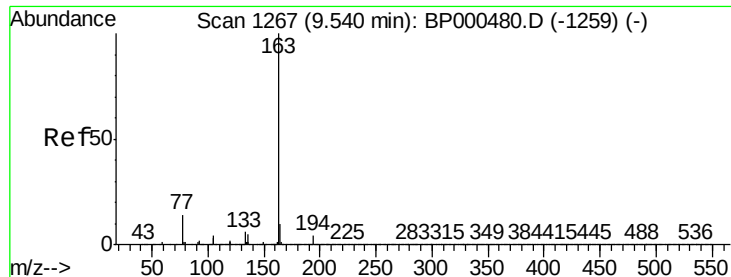
#45
2-Fluorobiphenyl
Concen: 86.530 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000495.D
Acq: 03 Oct 2019 15:09

Tgt Ion: 172 Resp: 3293891
Ion Ratio Lower Upper
172 100
171 37.0 28.4 42.6
170 24.6 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
4000000 Ion 171.00 (170.70 to 171.70): E
3000000 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 20.173 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BP000495.D

Acq: 03 Oct 2019 15:09

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-1

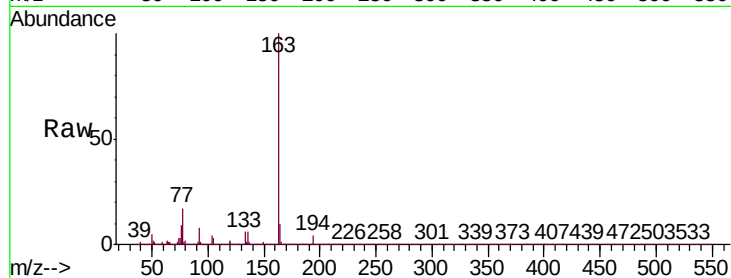
Tgt Ion:163 Resp: 863328

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

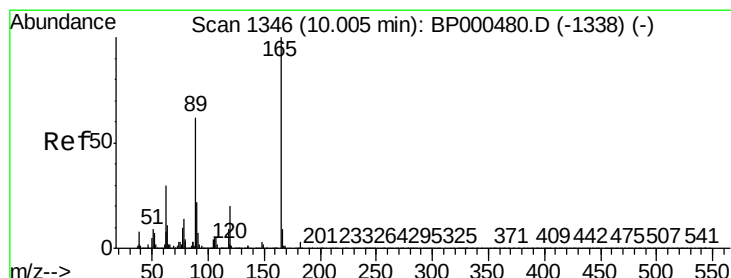
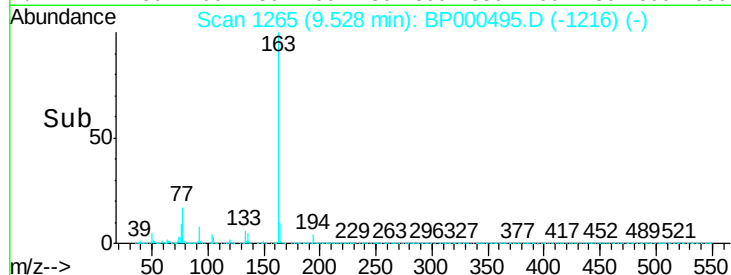
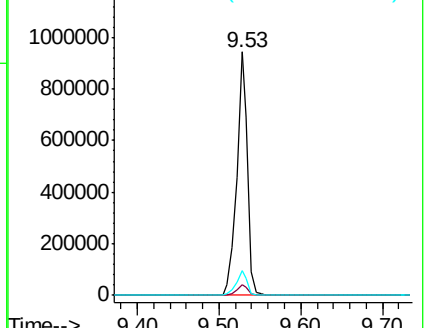
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.551 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.19 min

Lab File: BP000495.D

Acq: 03 Oct 2019 15:09

Tgt Ion:165 Resp: 81070

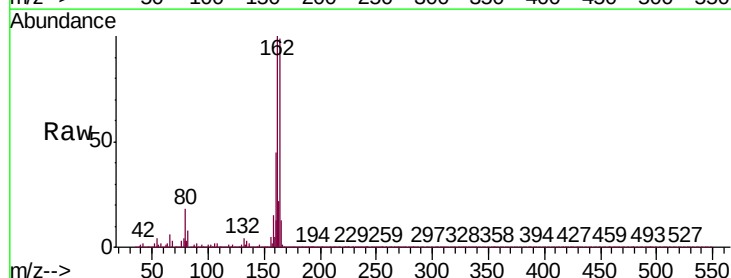
Ion Ratio Lower Upper

165 100

63 1.0 24.2 36.4#

89 1.2 49.4 74.0#

182 0.0 2.5 3.7#

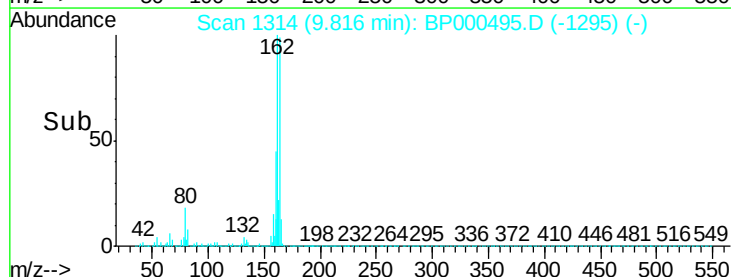
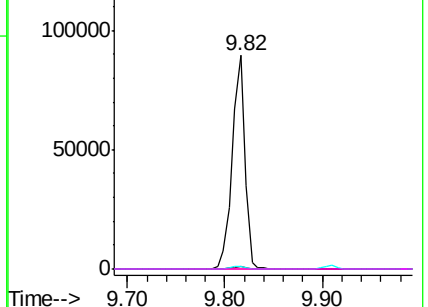


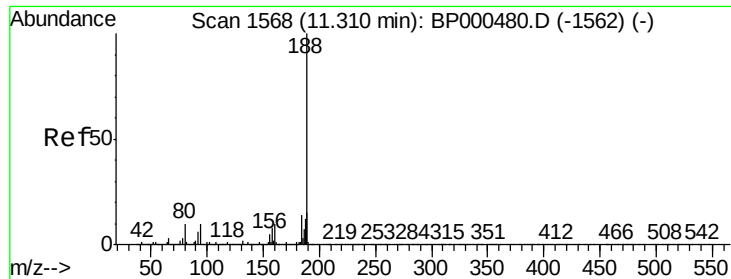
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000495.D

Acq: 03 Oct 2019 15:09

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-1

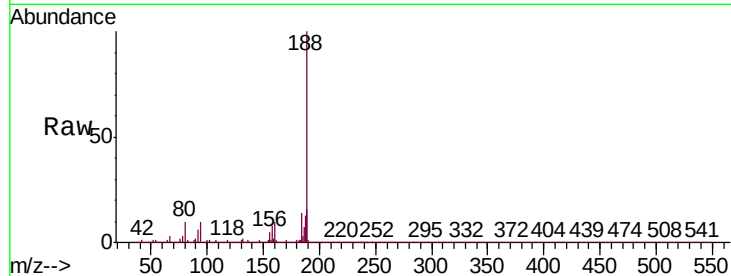
Tgt Ion:188 Resp: 1112960

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

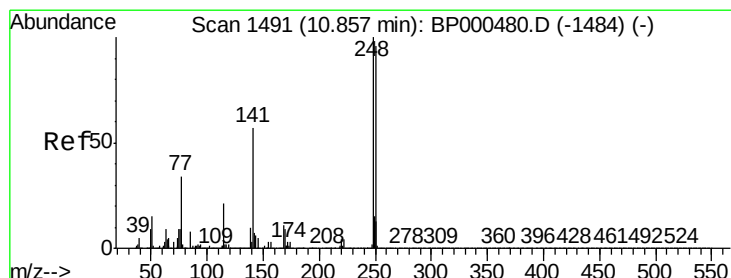
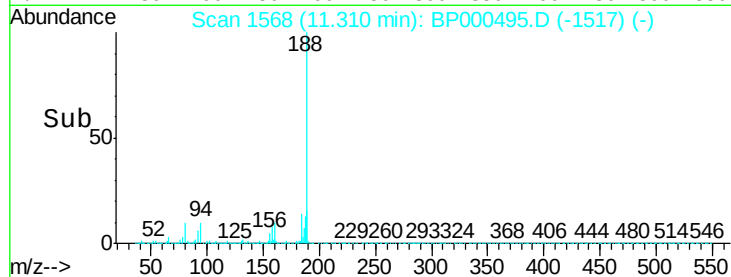
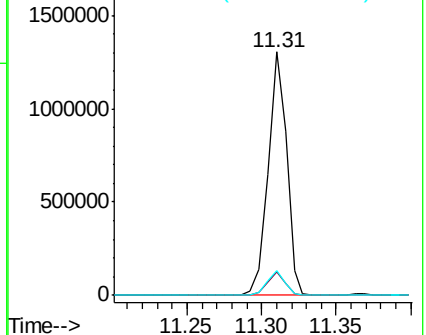
80 10.0 8.3 12.5



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: 5.069 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000495.D

Acq: 03 Oct 2019 15:09

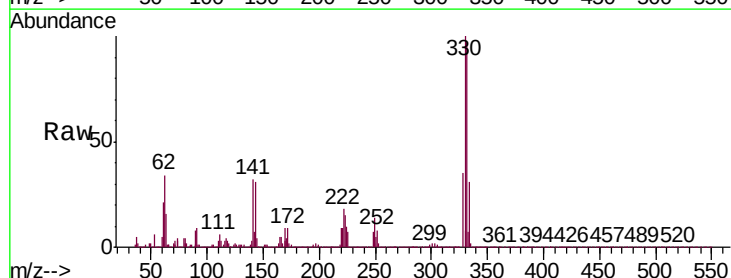
Tgt Ion:248 Resp: 63500

Ion Ratio Lower Upper

248 100

250 197.5 77.2 115.8#

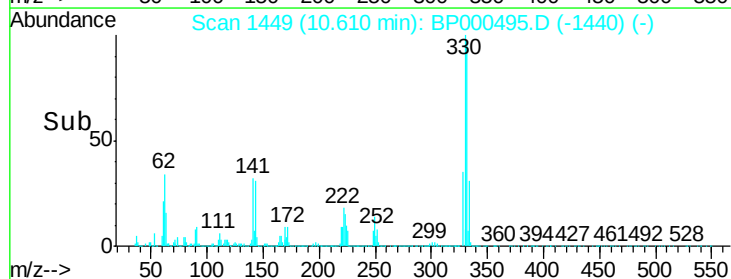
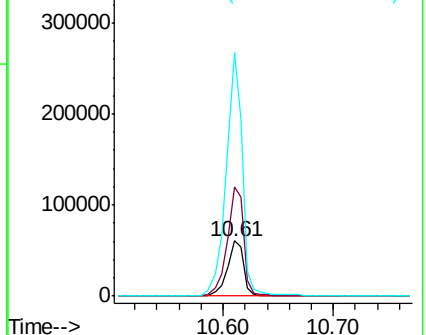
141 441.4 45.3 67.9#

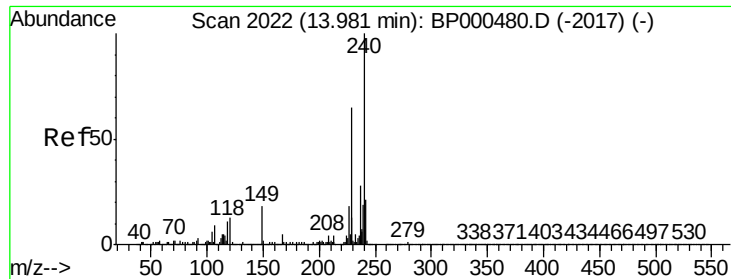


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

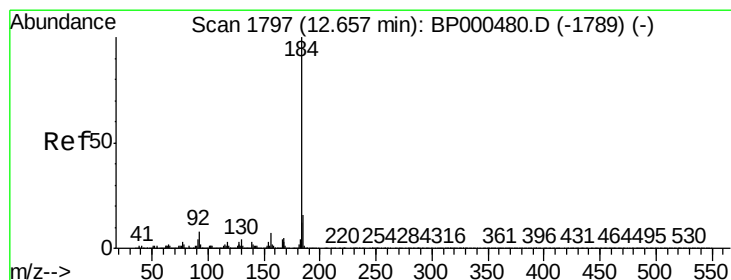
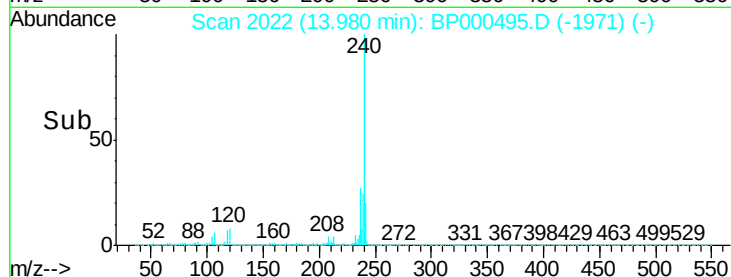
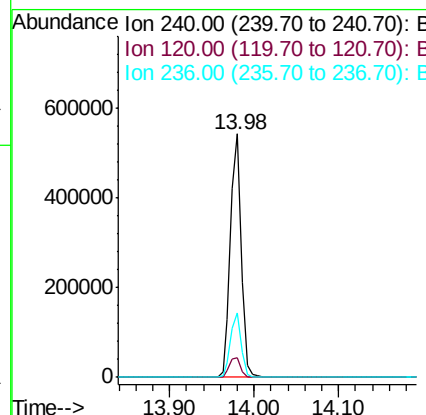
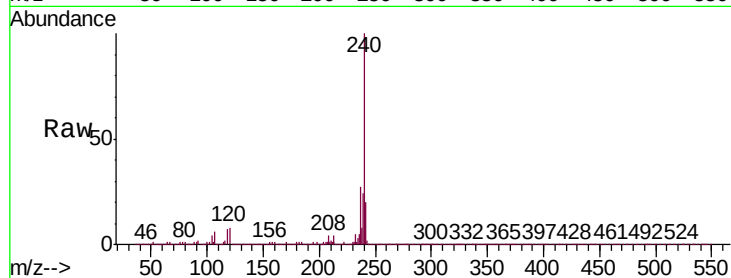




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BP000495.D
 Acq: 03 Oct 2019 15:09

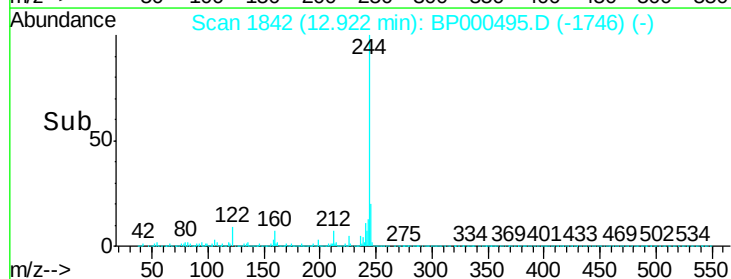
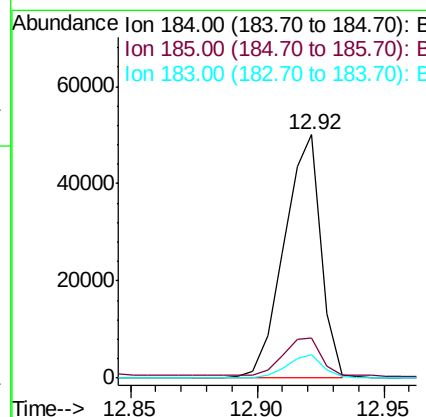
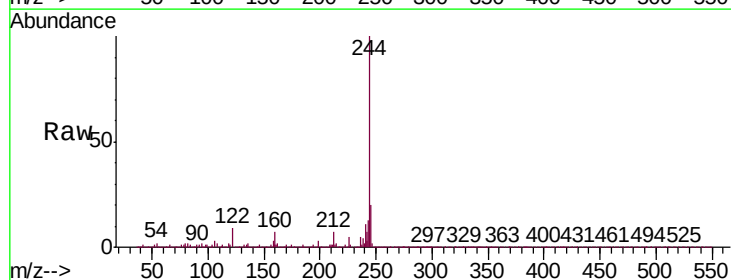
Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-1

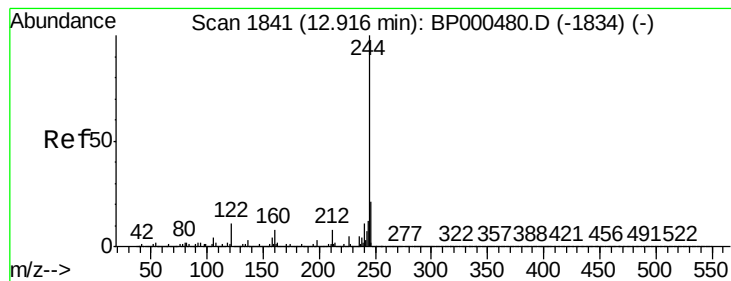
Tgt Ion:240 Resp: 483181
 Ion Ratio Lower Upper
 240 100
 120 8.1 10.1 15.1#
 236 26.6 22.7 34.1



#77
 Benzidine
 Concen: 3.610 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.26 min
 Lab File: BP000495.D
 Acq: 03 Oct 2019 15:09

Tgt Ion:184 Resp: 50513
 Ion Ratio Lower Upper
 184 100
 185 16.4 12.7 19.1
 183 9.7 9.7 14.5





#79

Terphenyl-d14

Concen: 152.328 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000495.D

Acq: 03 Oct 2019 15:09

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-1

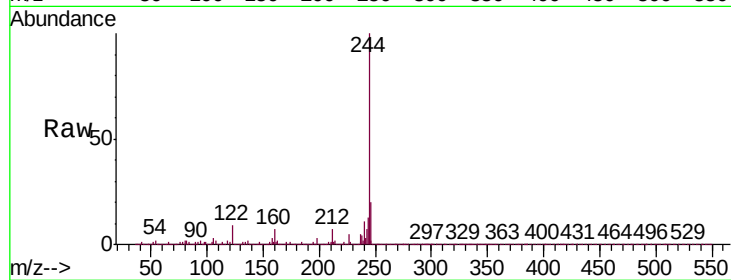
Tgt Ion:244 Resp: 3635156

Ion Ratio Lower Upper

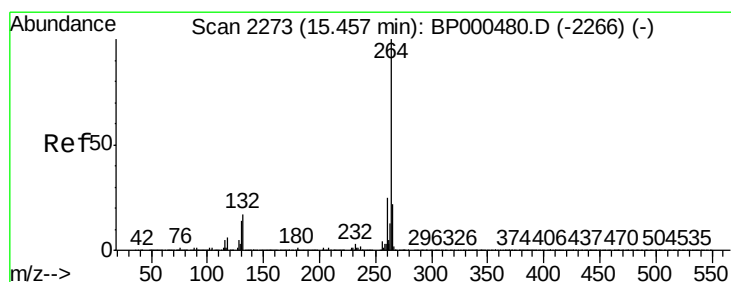
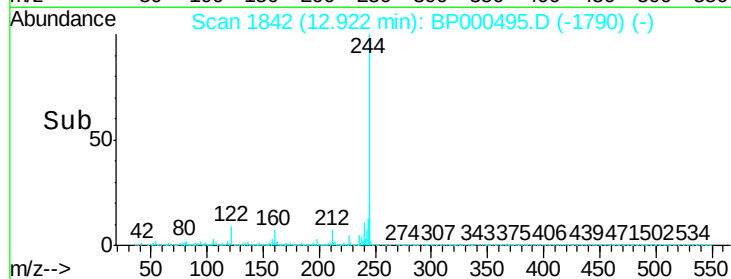
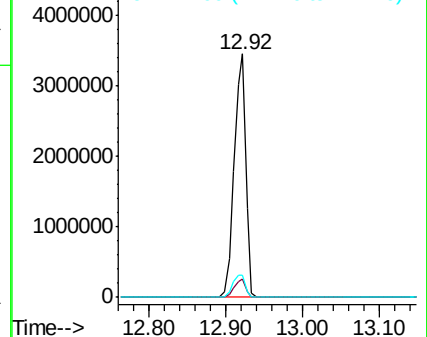
244 100

212 7.5 6.0 9.0

122 9.2 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: BP000495.D

Acq: 03 Oct 2019 15:09

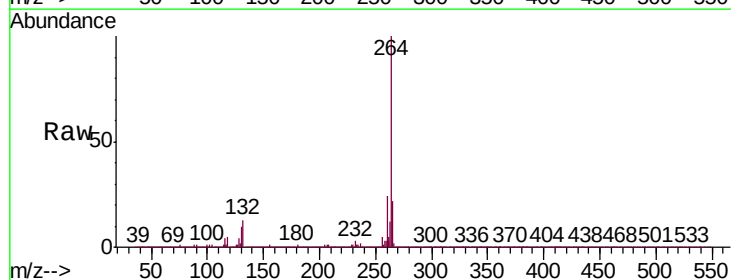
Tgt Ion:264 Resp: 511360

Ion Ratio Lower Upper

264 100

260 23.6 20.3 30.5

265 21.6 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

