

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000499.D
 Acq On : 03 Oct 2019 16:45
 Operator : JU
 Sample : K5131-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190829-COMPOSITE-E

Quant Time: Oct 04 01:29:35 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	289489	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1033761	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	607076	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1110547	20.00	ng	0.00
76) Chrysene-d12	13.98	240	867754	20.00	ng	0.00
87) Perylene-d12	15.46	264	516745	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1823890	101.28	ng	0.02
7) Phenol-d6	6.42	99	2111490	97.29	ng	0.00
23) Nitrobenzene-d5	7.33	82	1439707	85.06	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	875100	135.27	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	3128401	83.38	ng	0.00
79) Terphenyl-d14	12.92	244	3524492	82.24	ng	0.00

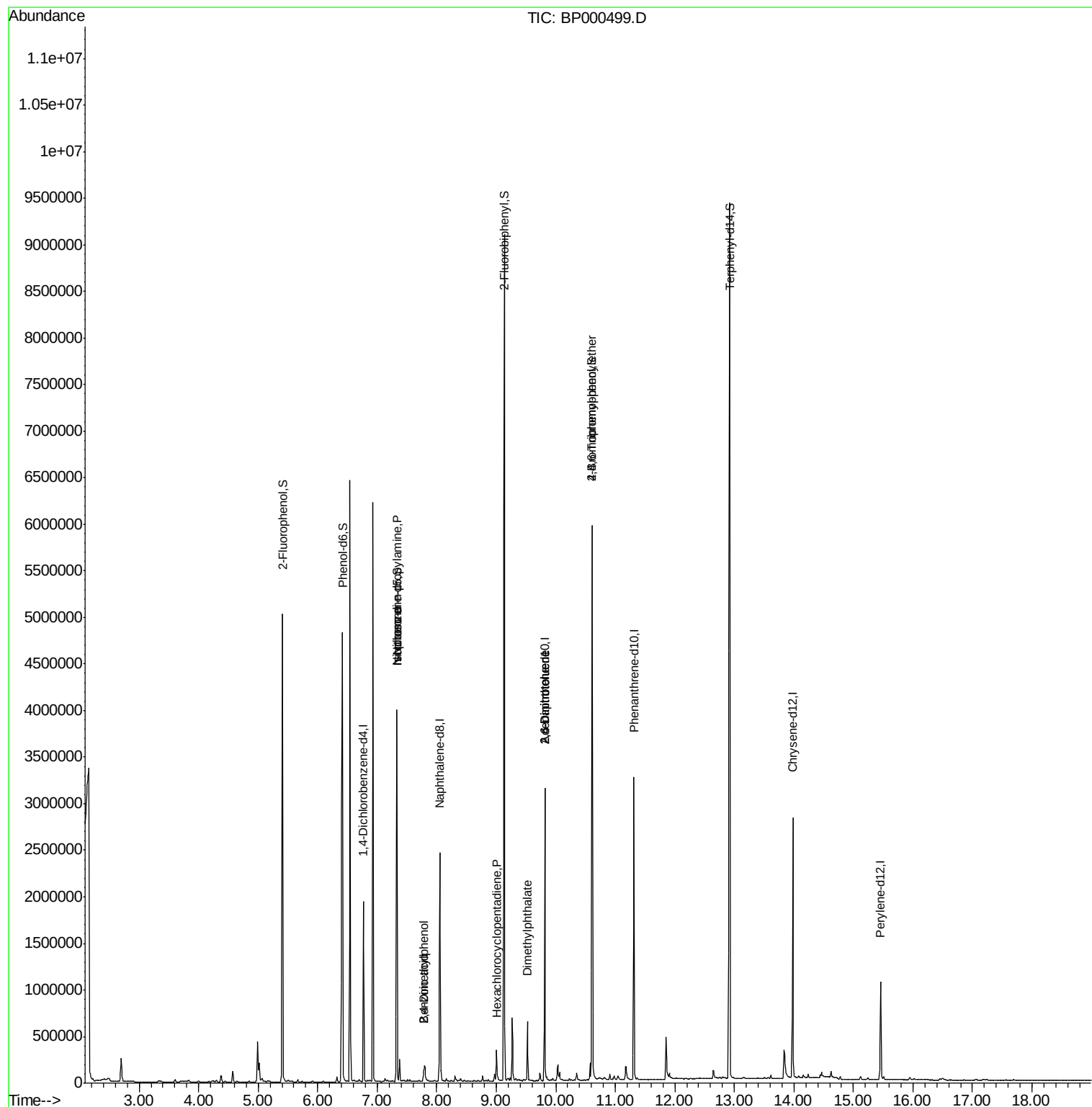
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	176752	17.669	ng	# 72
25) Isophorone	7.33	82	1439204	47.909	ng	# 61
27) 2,4-Dimethylphenol	7.79	122	41404	3.146	ng	# 5
32) Benzoic acid	7.79	122	41404	4.983	ng	98
41) Hexachlorocyclopentadiene	9.02	237	27	7.300	ng	93
50) Dimethylphthalate	9.53	163	237939	5.641	ng	100
51) 2,6-Dinitrotoluene	9.82	165	79265	8.617	ng	# 35
57) 2,4-Dinitrotoluene	9.82	165	79311	6.503	ng	# 31
67) 4-Bromophenyl-phenylether	10.61	248	60358	4.828	ng	# 1

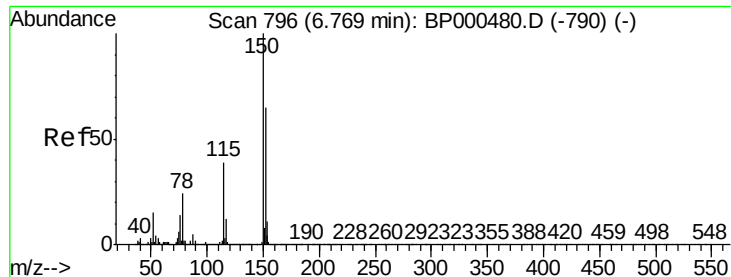
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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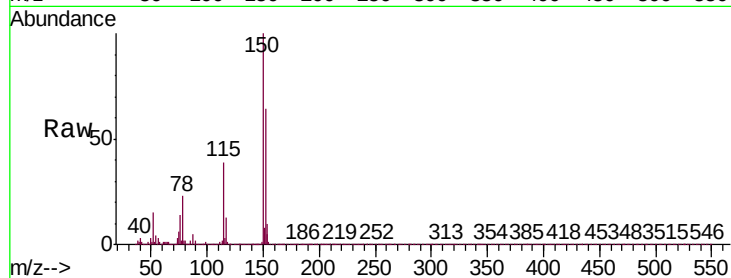


#1

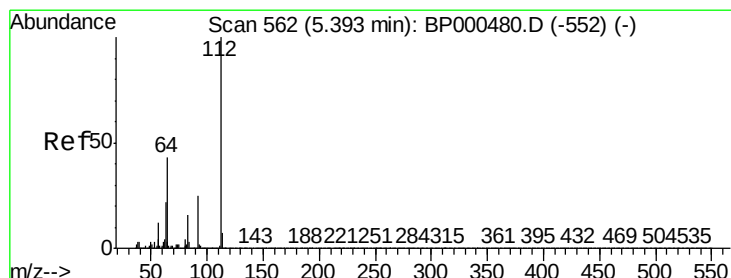
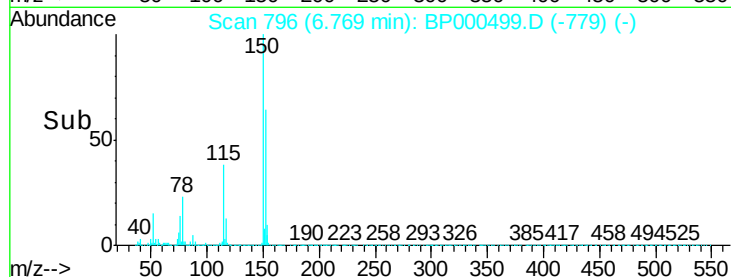
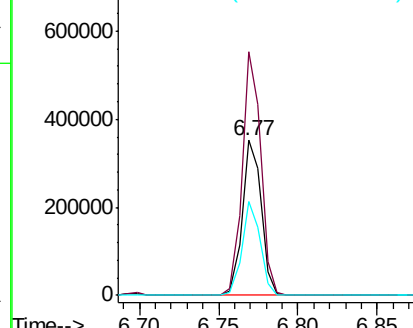
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	60.5	48.7	73.1



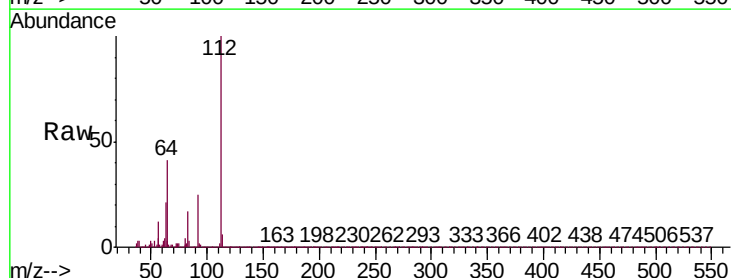
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



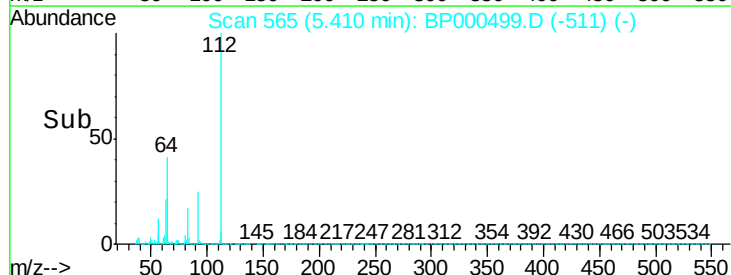
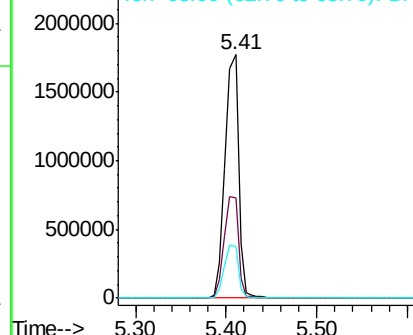
#5

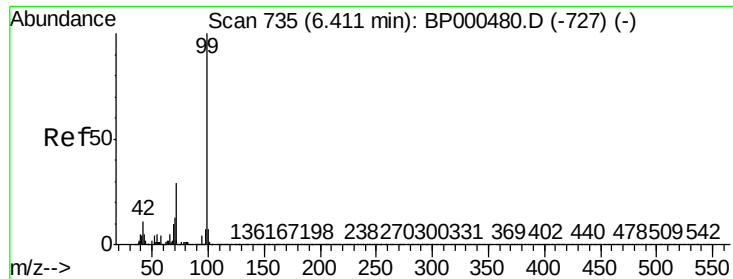
2-Fluorophenol
Concen: 101.275 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	34.2	51.4
63	21.5	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





#7

Phenol-d6

Concen: 97.295 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

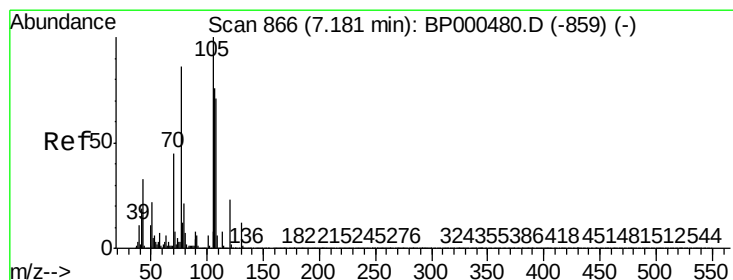
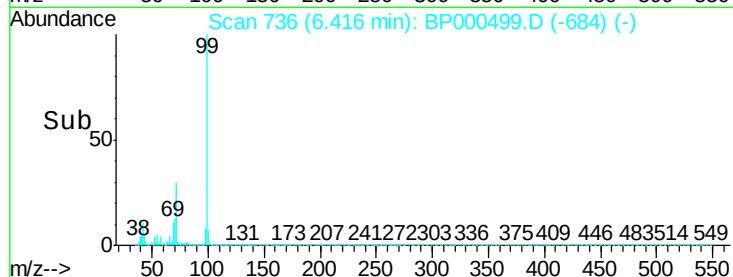
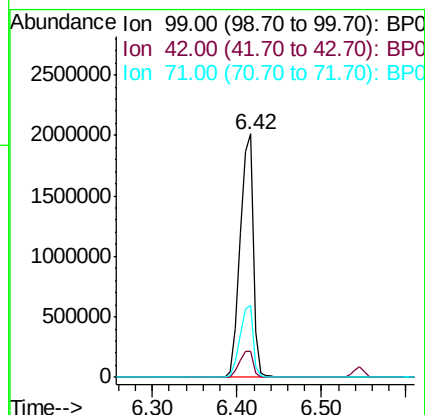
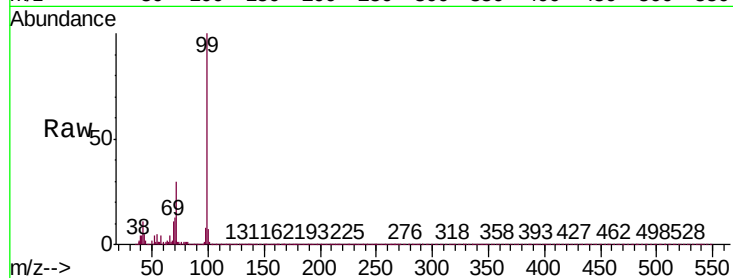
Tgt Ion: 99 Resp: 2111490

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

71 29.5 23.0 34.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.669 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Tgt Ion: 70 Resp: 176752

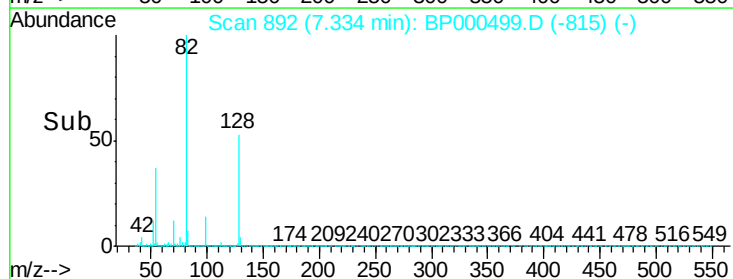
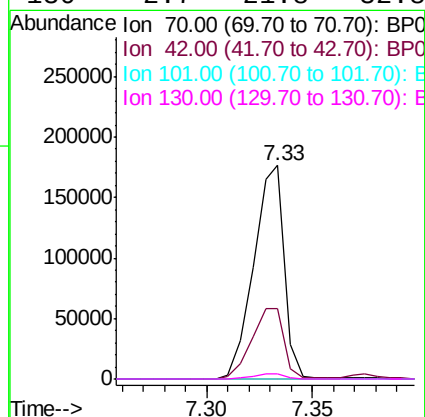
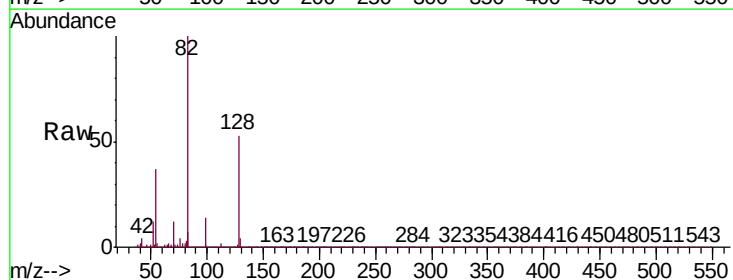
Ion Ratio Lower Upper

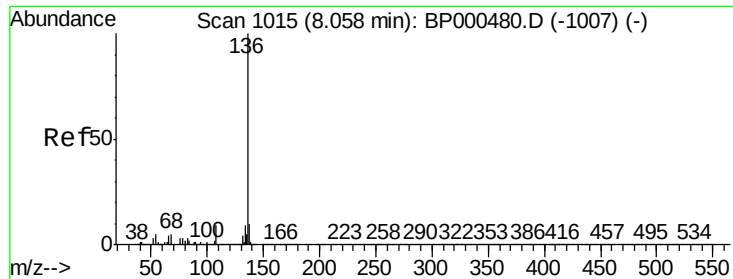
70 100

42 32.8 33.2 49.8#

101 0.0 9.9 14.9#

130 2.7 21.8 32.8#

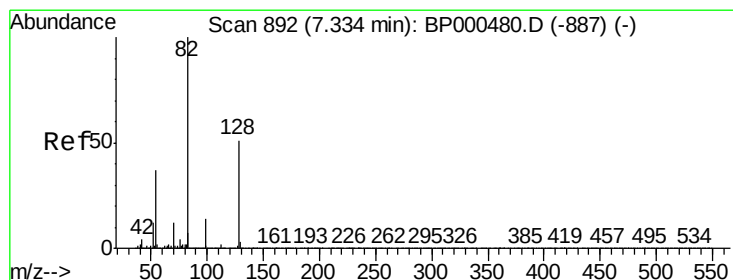
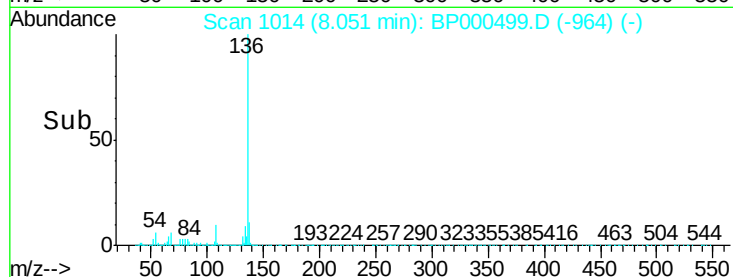
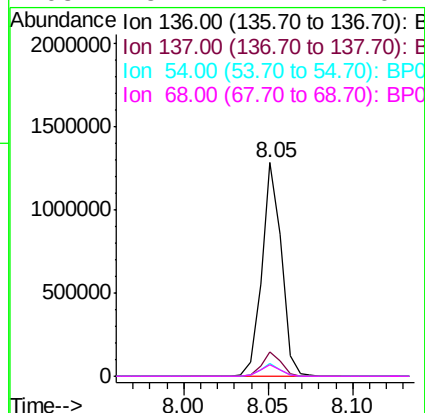
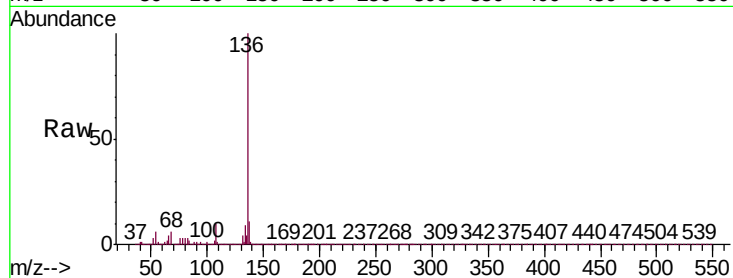




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

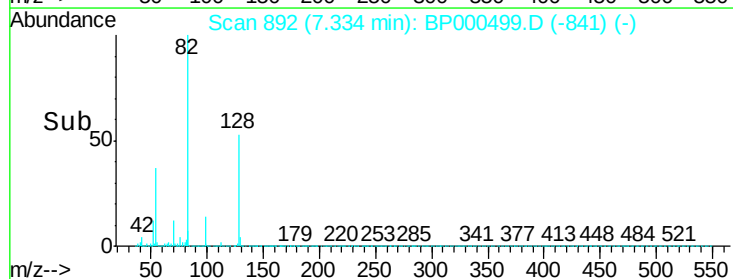
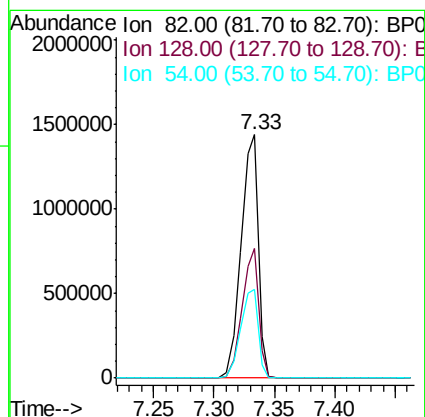
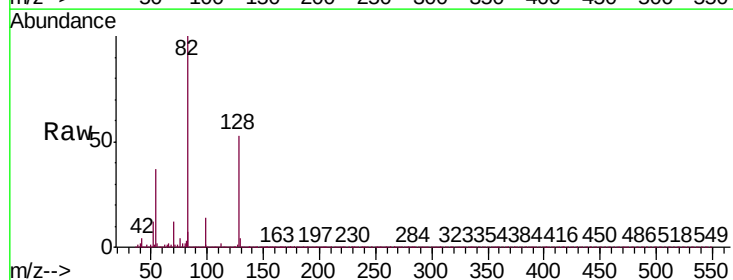
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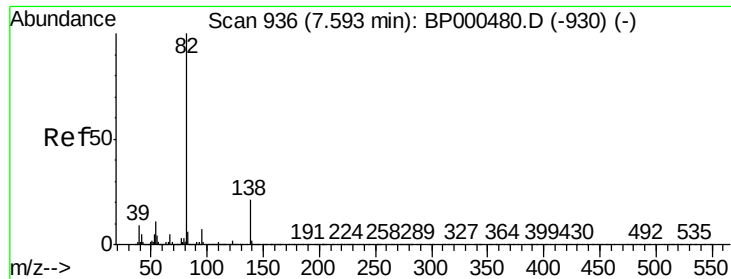
Tgt Ion:	136	Resp:	1033761
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.8	4.1	6.1
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 85.059 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Tgt Ion:	82	Resp:	1439707
Ion	Ratio	Lower	Upper
82	100		
128	53.1	40.9	61.3
54	36.7	29.4	44.2





#25

Isophorone

Concen: 47.909 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

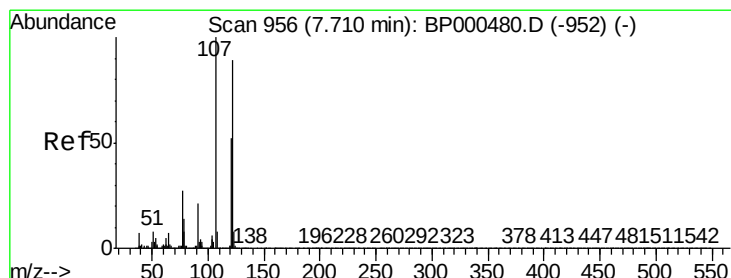
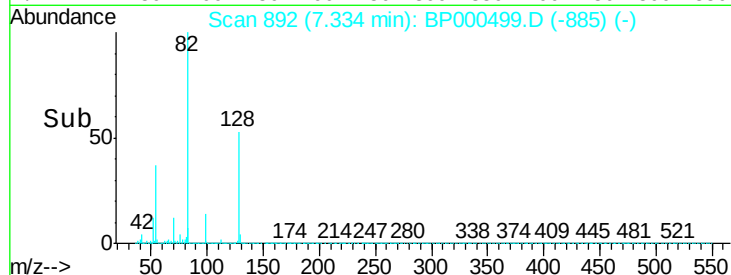
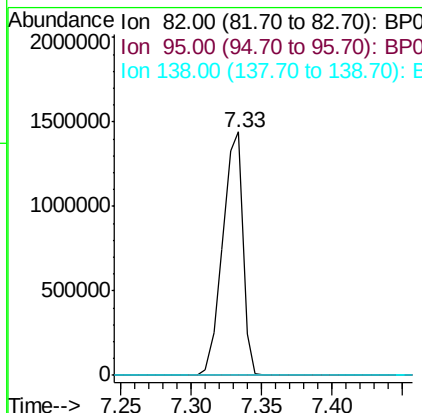
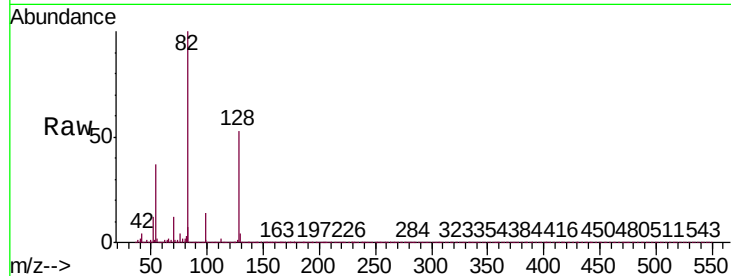
Tgt Ion: 82 Resp: 1439204

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: 3.146 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.08 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

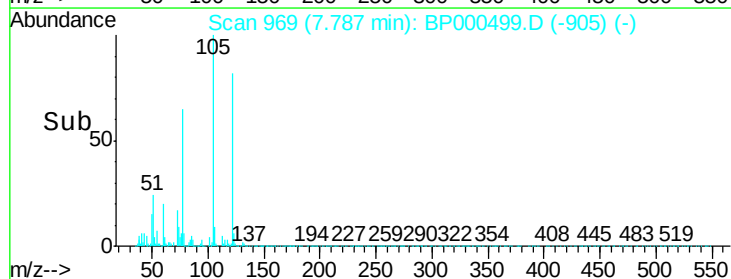
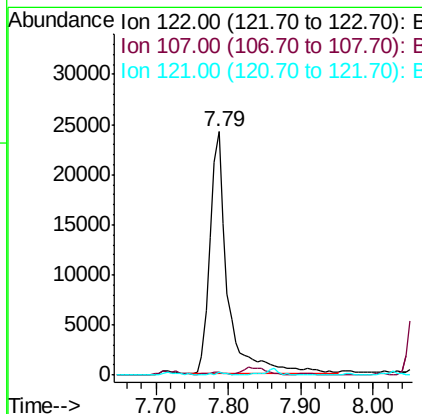
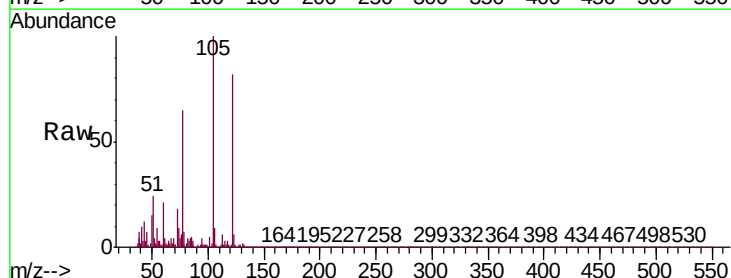
Tgt Ion: 122 Resp: 41404

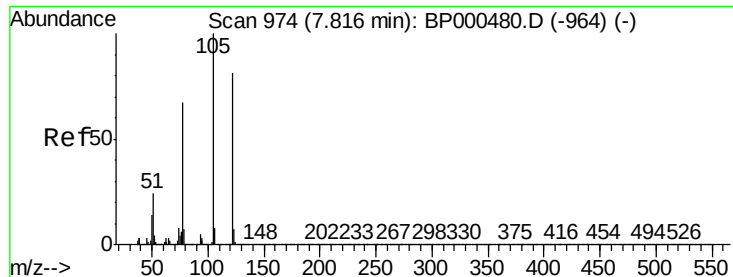
Ion Ratio Lower Upper

122 100

107 1.3 89.9 134.9#

121 1.3 46.6 70.0#

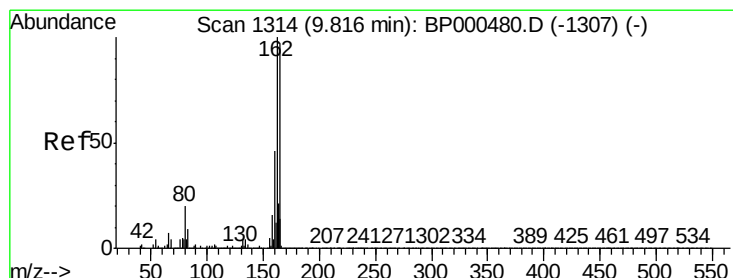
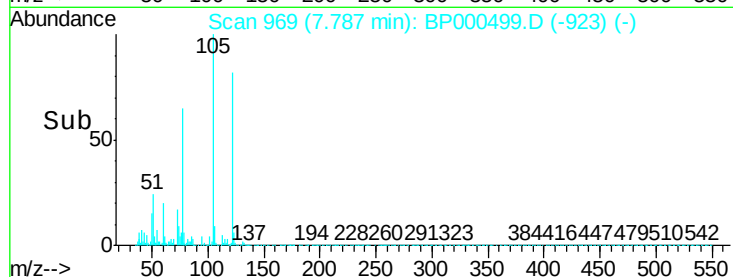
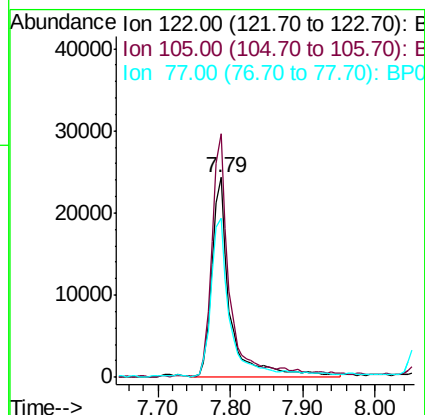
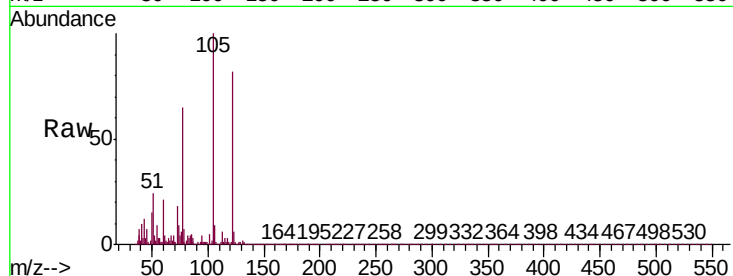




#32
Benzoic acid
Concen: 4.983 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

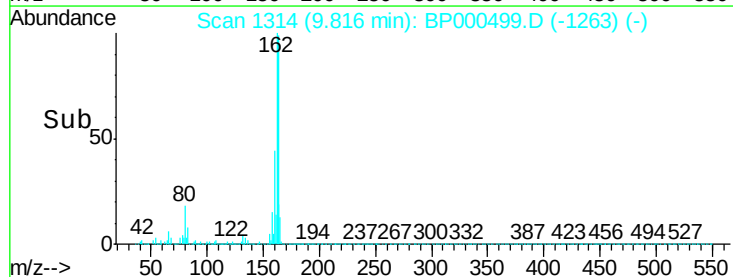
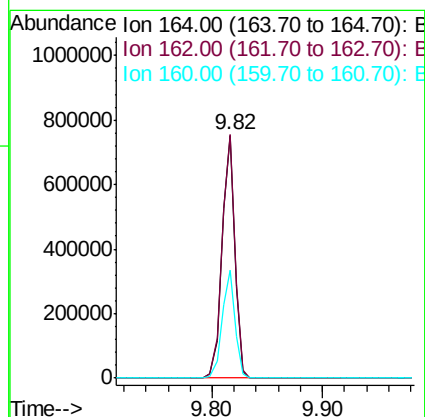
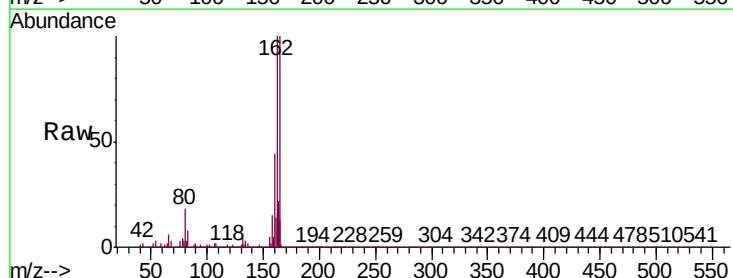
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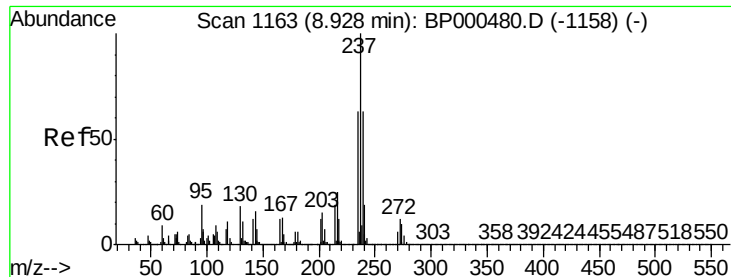
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	101.4	141.4
77	79.5	62.1	102.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	44.6	37.6	56.4





#41

Hexachlorocyclopentadiene

Concen: 7.300 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.09 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

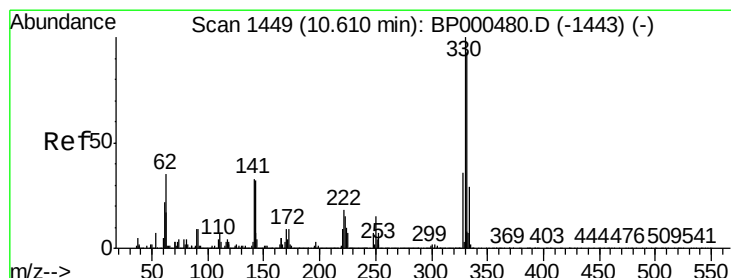
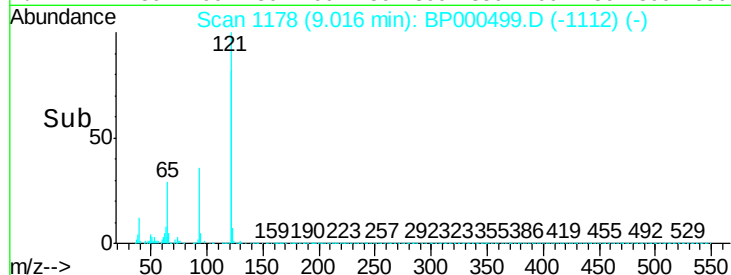
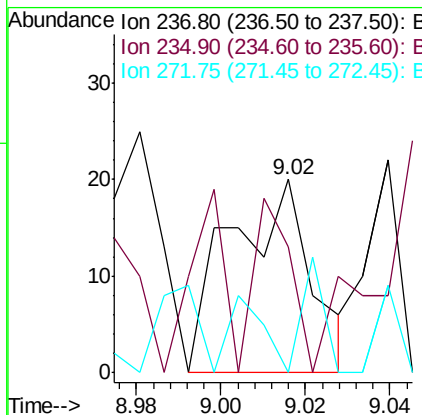
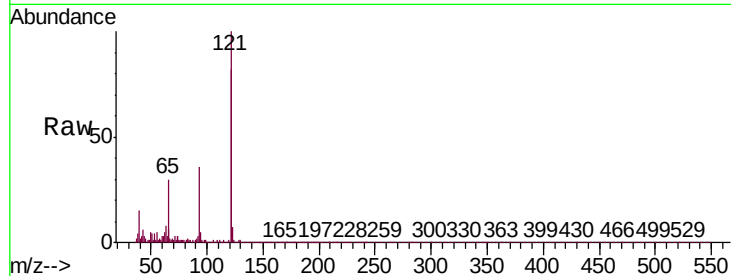
Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

Tgt Ion:	237	Resp:	27
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.9	82.9
272	0.0	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 135.274 ng

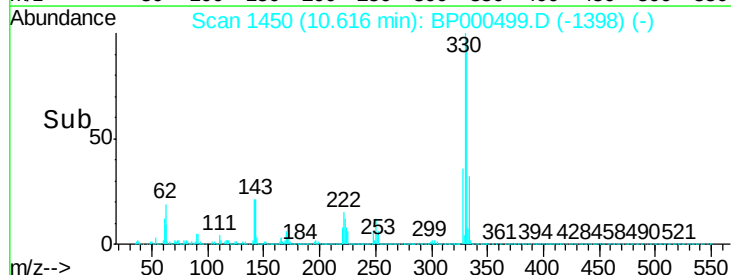
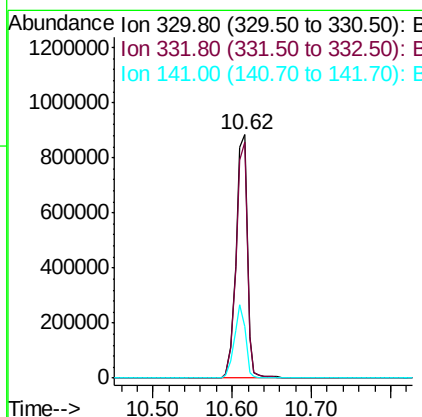
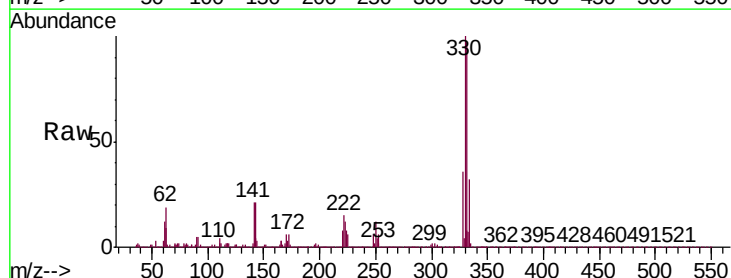
RT: 10.62 min Scan# 1450

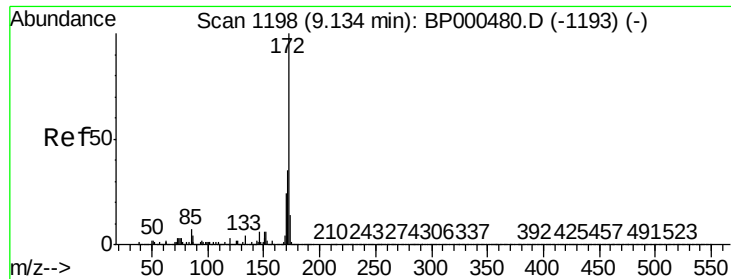
Delta R.T. 0.01 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Tgt Ion:	330	Resp:	875100
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	30.1	26.0	39.0

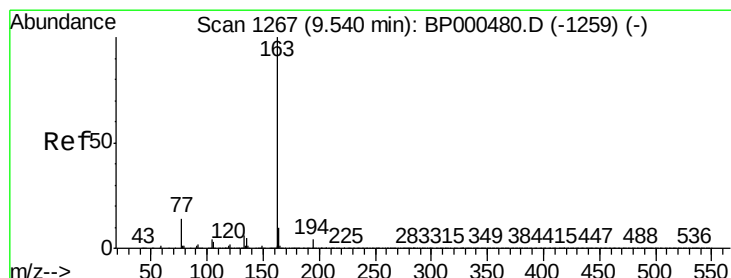
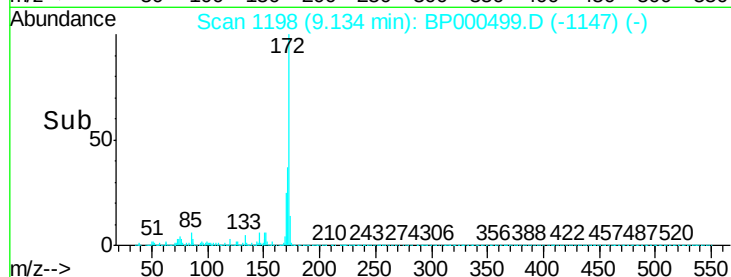
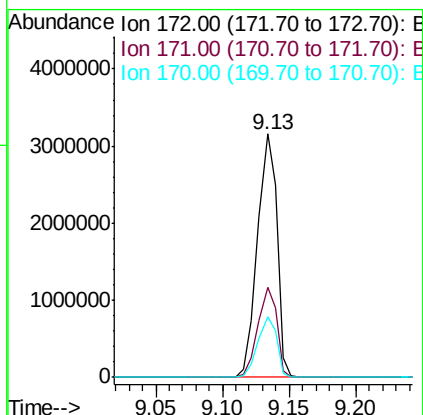
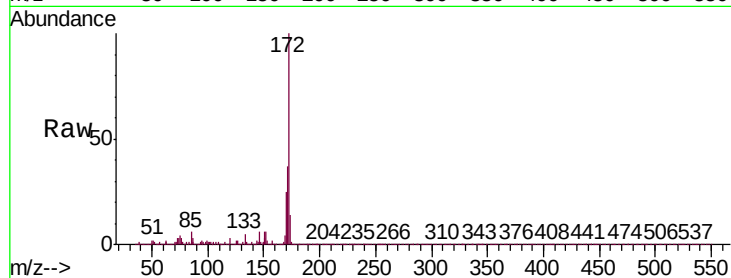




#45
2-Fluorobiphenyl
Concen: 83.379 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

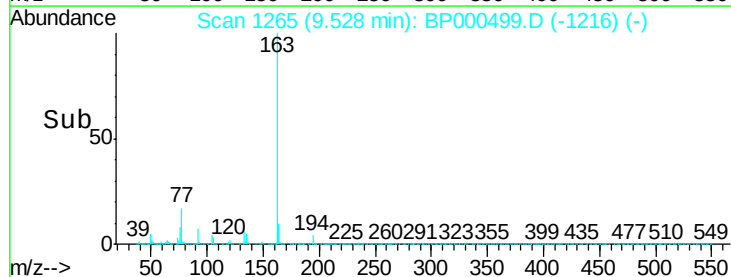
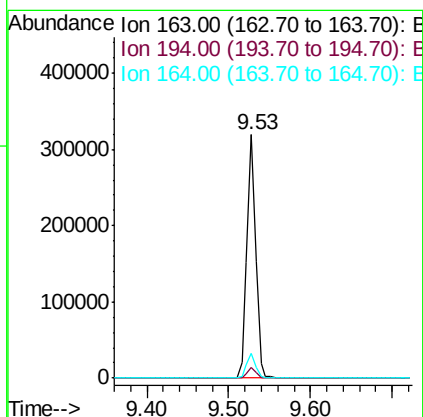
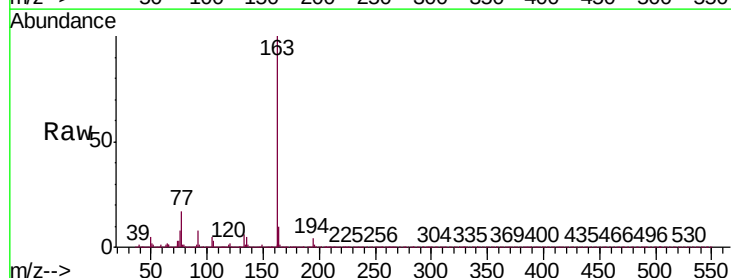
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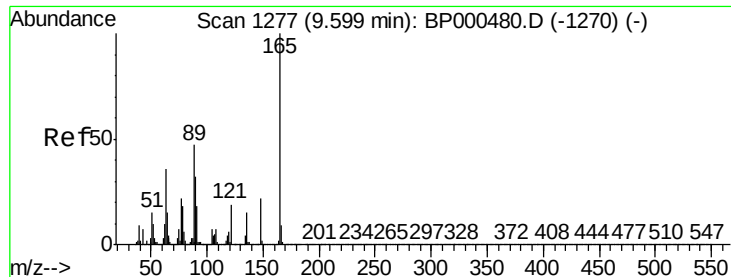
Tgt Ion:172 Resp: 3128401
Ion Ratio Lower Upper
172 100
171 37.2 28.4 42.6
170 24.6 19.1 28.7



#50
Dimethylphthalate
Concen: 5.641 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Tgt Ion:163 Resp: 237939
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 8.617 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.22 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

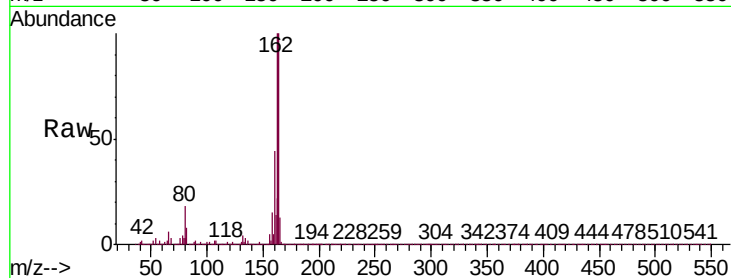
Tgt Ion:165 Resp: 79265

Ion Ratio Lower Upper

165 100

63 1.0 29.9 44.9#

89 1.3 37.3 55.9#



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

120000

100000

80000

60000

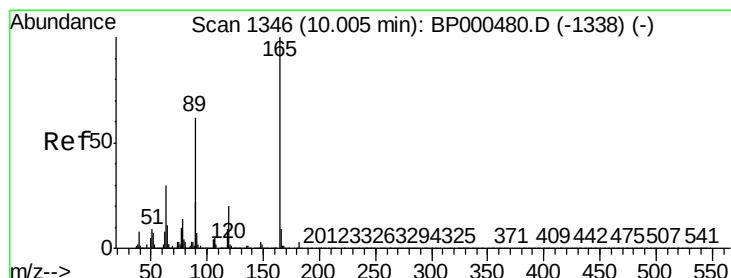
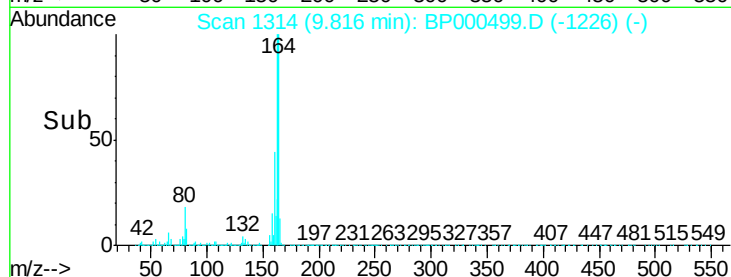
40000

20000

0

9.75 9.80 9.85 9.90

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.503 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.19 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Tgt Ion:165 Resp: 79311

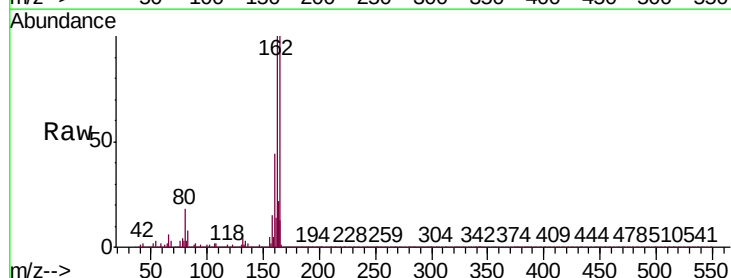
Ion Ratio Lower Upper

165 100

63 1.0 24.2 36.4#

89 1.3 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

150000

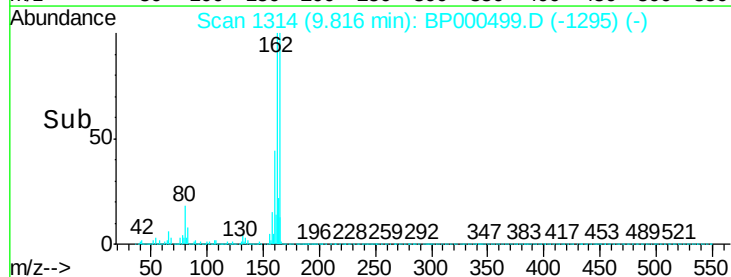
100000

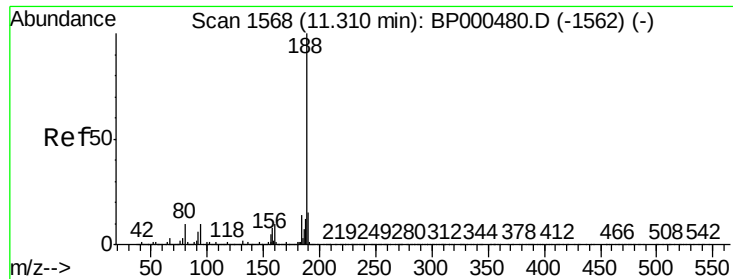
50000

0

9.70 9.75 9.80 9.85 9.90

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

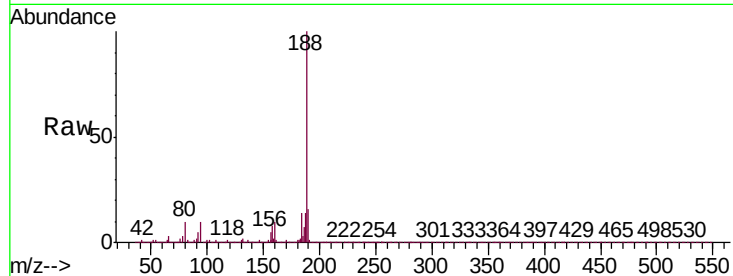
Tgt Ion:188 Resp: 1110547

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

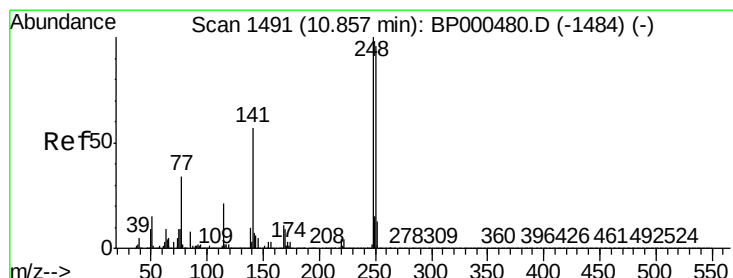
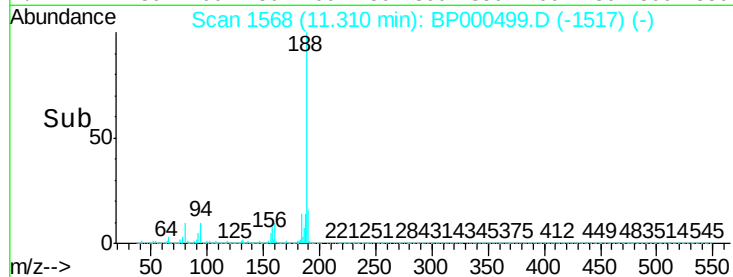
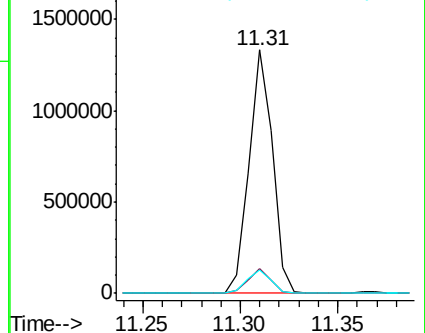
80 9.9 8.3 12.5



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: 4.828 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

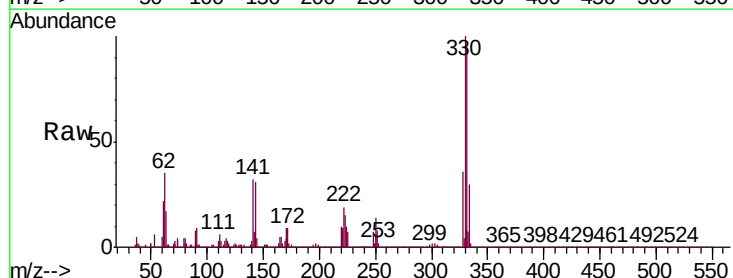
Tgt Ion:248 Resp: 60358

Ion Ratio Lower Upper

248 100

250 192.7 77.2 115.8#

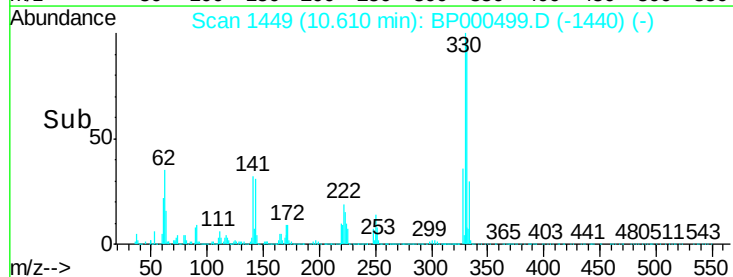
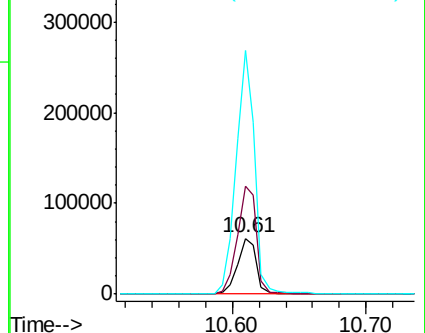
141 437.0 45.3 67.9#

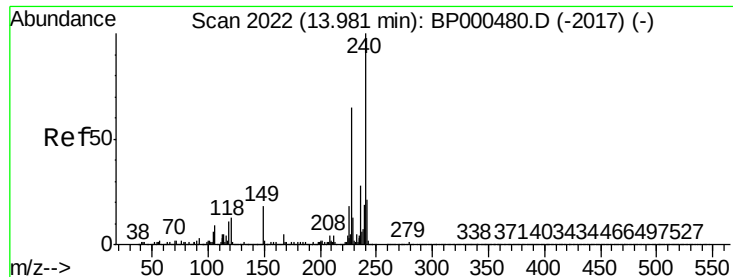


Abundance Ion 248.00 (247.70 to 248.70): E

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: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

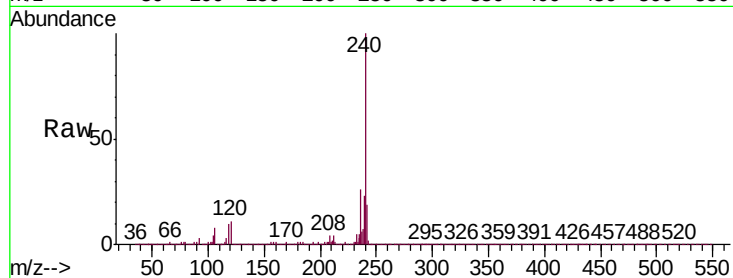
Tgt Ion:240 Resp: 867754

Ion Ratio Lower Upper

240 100

120 10.5 10.1 15.1

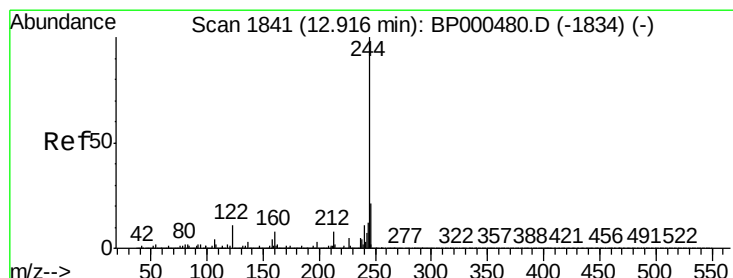
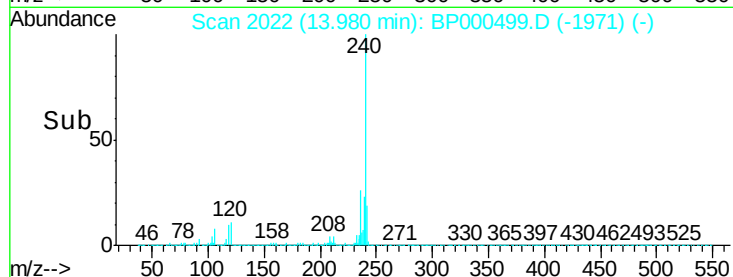
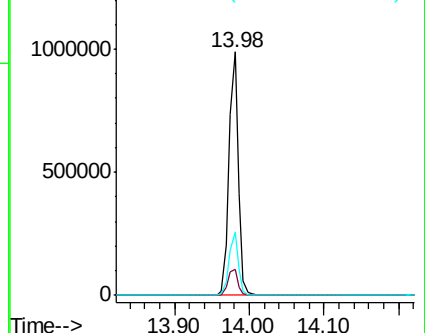
236 26.1 22.7 34.1



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



#79

Terphenyl-d14

Concen: 82.237 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

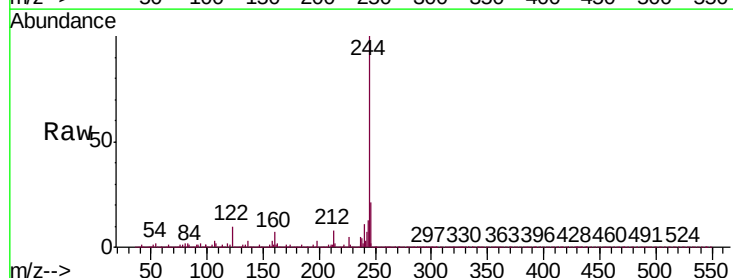
Tgt Ion:244 Resp: 3524492

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

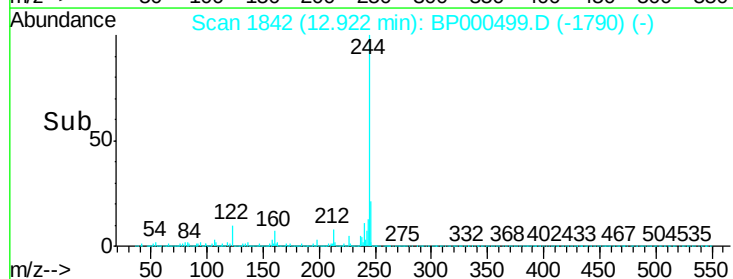
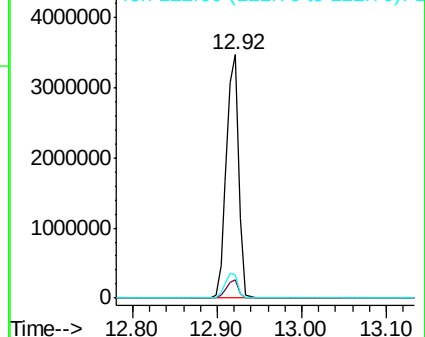
122 9.7 8.9 13.3

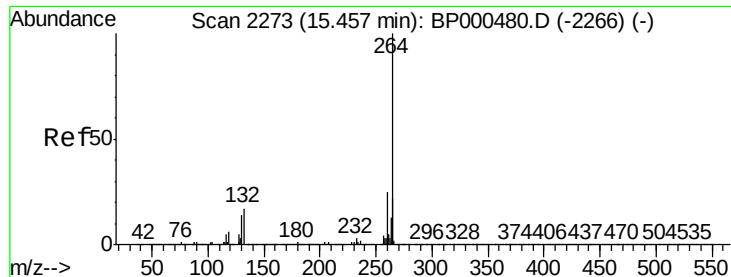


Abundance Ion 244.00 (243.70 to 244.70): E

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: BP000499.D
Acq: 03 Oct 2019 16:45

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.3	30.5
265	21.7	18.0	27.0

