

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000505.D
 Acq On : 03 Oct 2019 19:10
 Operator : JU
 Sample : K5131-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190831-COMPOSITE-G

Quant Time: Oct 04 01:30:58 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	221193	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	778905	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	436972	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	818281	20.00	ng	0.00
76) Chrysene-d12	13.98	240	752853	20.00	ng	0.00
87) Perylene-d12	15.46	264	490728	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1409189	102.41	ng	0.01
7) Phenol-d6	6.41	99	1603198	96.68	ng	0.00
23) Nitrobenzene-d5	7.33	82	1119856	87.81	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	684979	147.10	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2397443	88.77	ng	0.00
79) Terphenyl-d14	12.92	244	3014556	81.07	ng	0.00

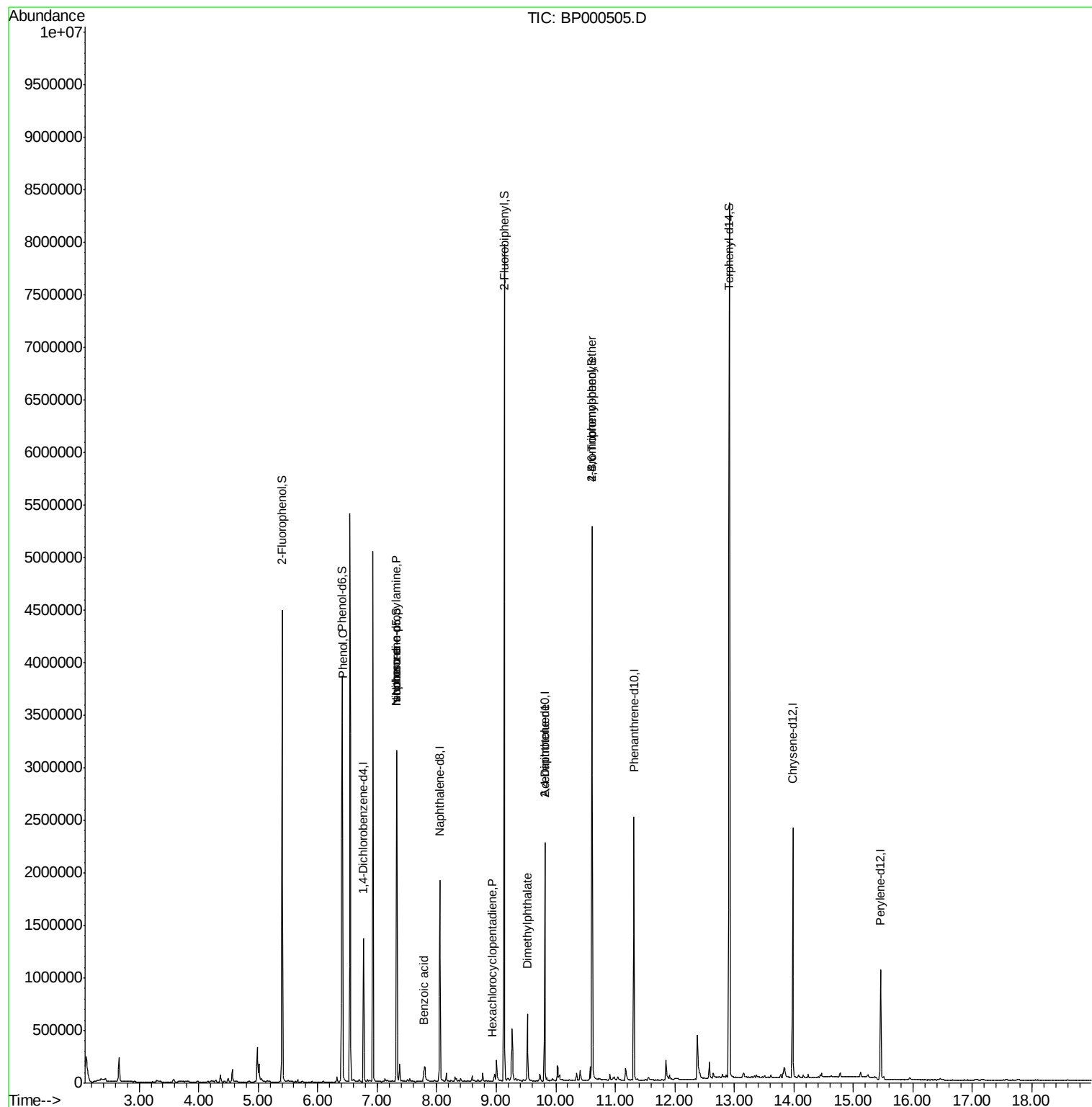
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.42	94	37087	2.184	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	137935	18.047	ng	# 74
25) Isophorone	7.33	82	1119770	49.472	ng	# 61
32) Benzoic acid	7.79	122	34168	5.457	ng	96
41) Hexachlorocyclopentadiene	8.92	237	18	7.300	ng	94
50) Dimethylphthalate	9.53	163	224729	7.401	ng	100
57) 2,4-Dinitrotoluene	9.82	165	56327	6.416	ng	# 32
67) 4-Bromophenyl-phenylether	10.61	248	46554	5.054	ng	# 1

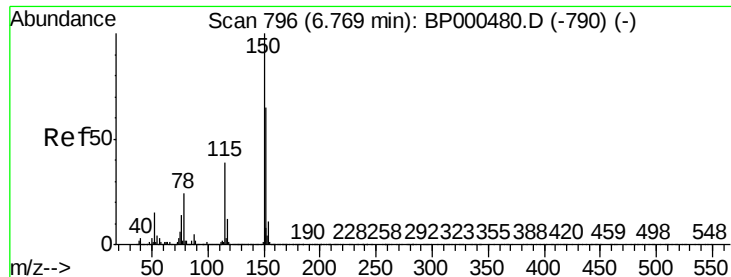
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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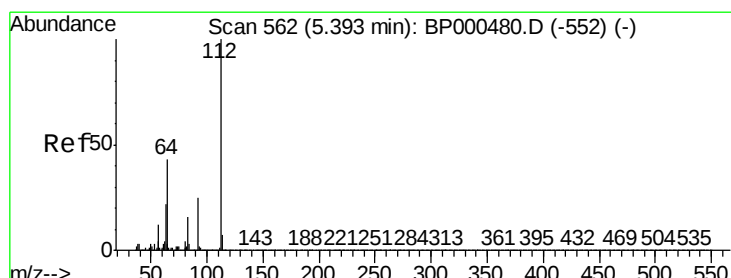
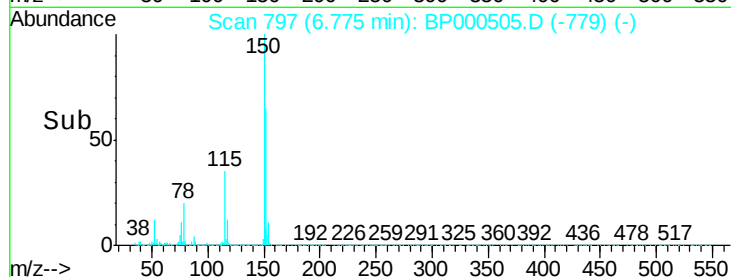
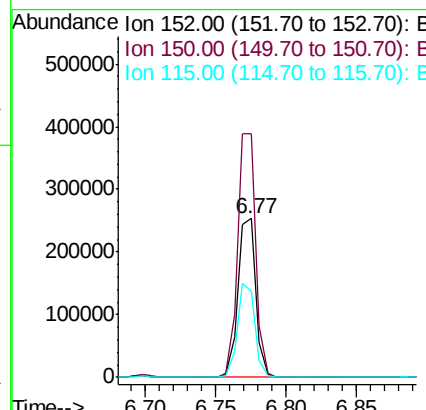
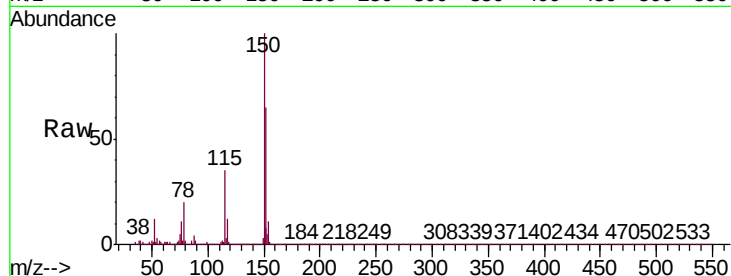


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
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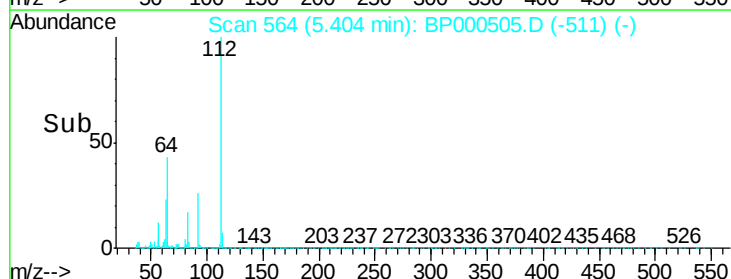
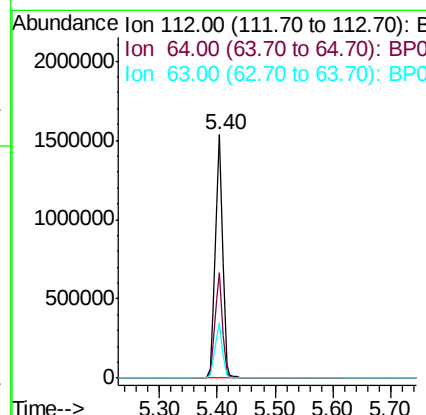
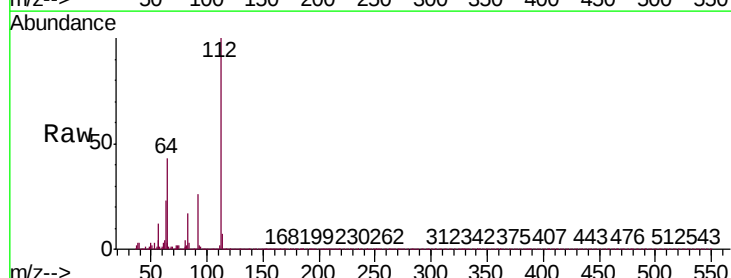
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.1	186.1
115	54.1	48.7	73.1

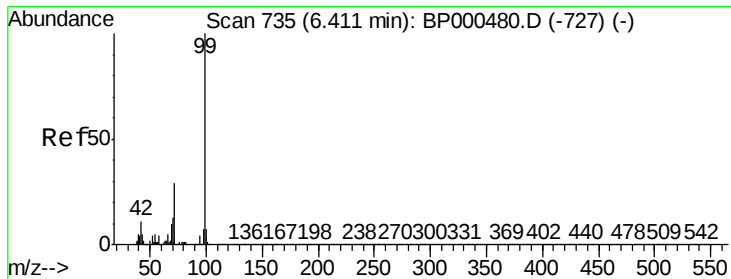


#5

2-Fluorophenol
Concen: 102.408 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.3	34.2	51.4
63	22.8	17.9	26.9





#7

Phenol-d6

Concen: 96.683 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000505.D

Acq: 03 Oct 2019 19:10

Instrument :

BNA_P

ClientSampleId :

20190831-COMPOSITE-G

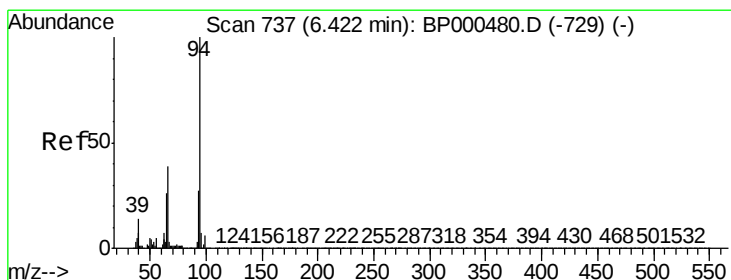
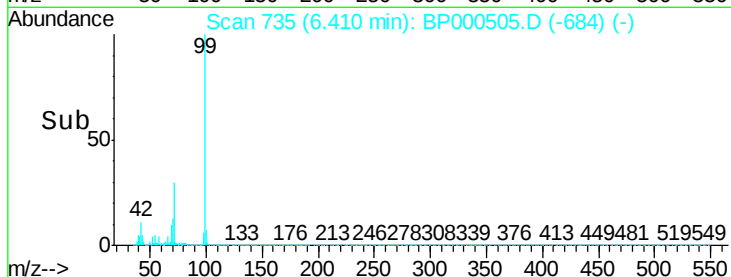
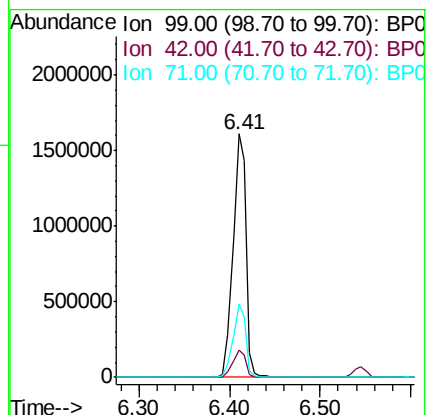
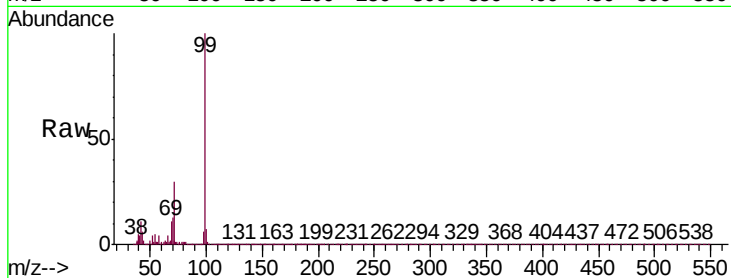
Tgt Ion: 99 Resp: 1603198

Ion Ratio Lower Upper

99 100

42 11.4 8.6 12.8

71 30.3 23.0 34.4



#10

Phenol

Concen: 2.184 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000505.D

Acq: 03 Oct 2019 19:10

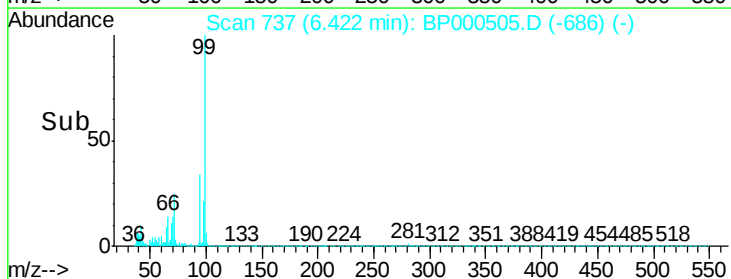
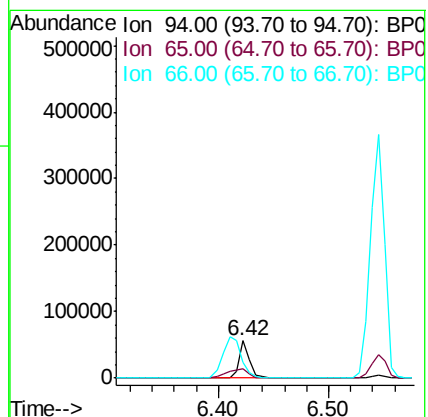
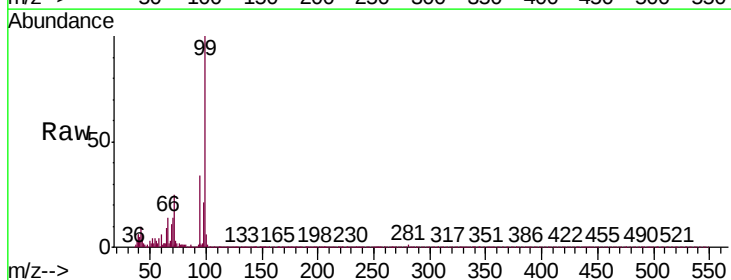
Tgt Ion: 94 Resp: 37087

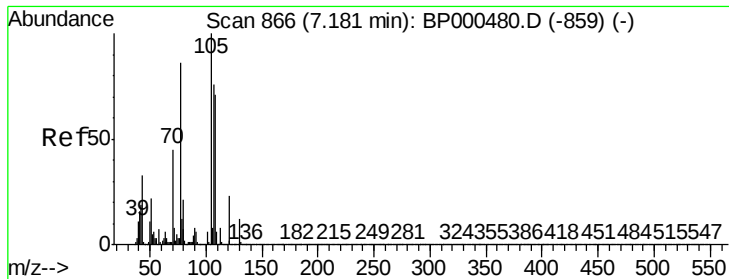
Ion Ratio Lower Upper

94 100

65 26.4 5.9 45.9

66 42.8 18.8 58.8

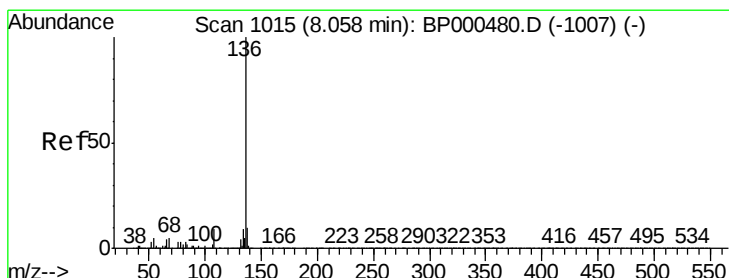
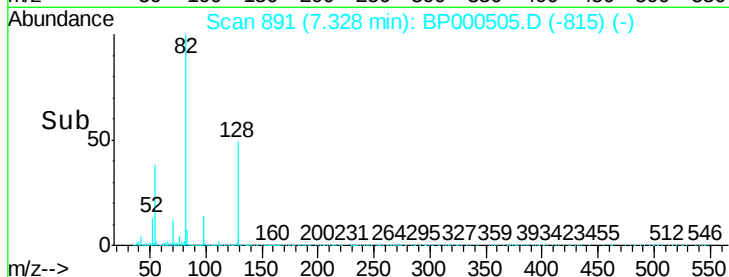
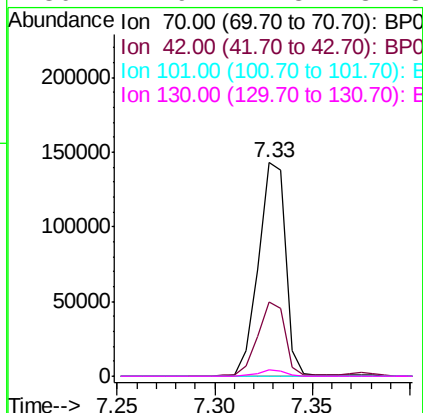
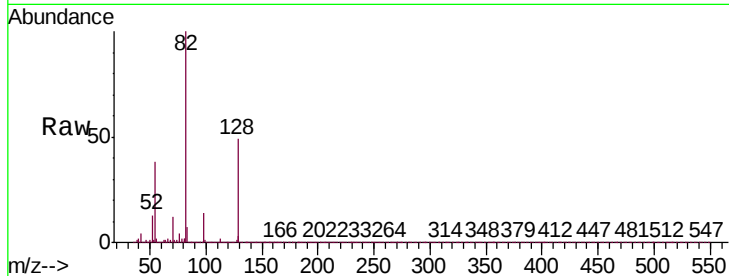




#19
n-Nitroso-di-n-propylamine
Concen: 18.047 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

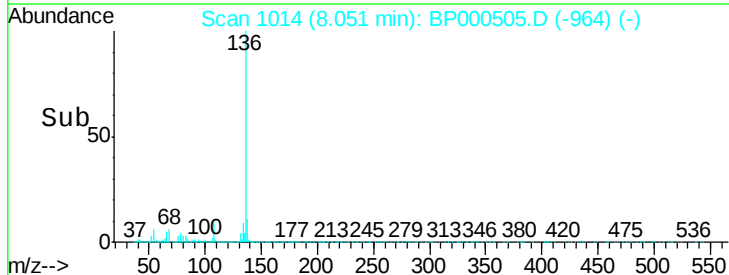
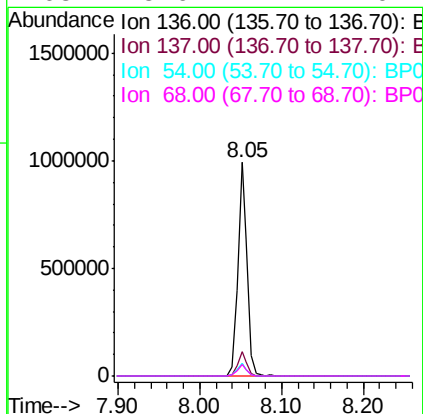
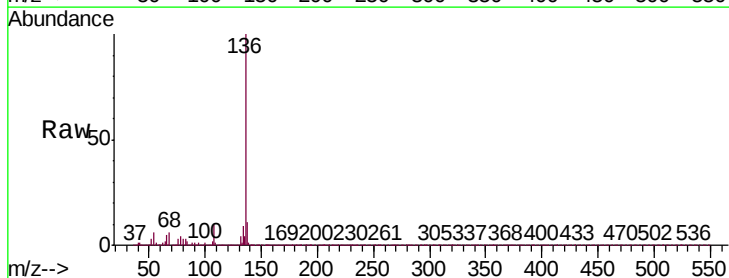
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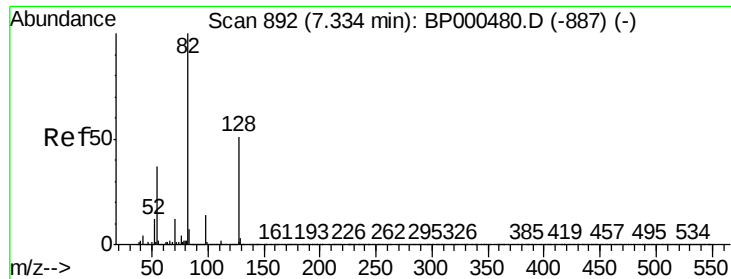
Tgt Ion:	70	Resp:	137935
Ion	Ratio	Lower	Upper
70	100		
42	35.0	33.2	49.8
101	0.0	9.9	14.9#
130	2.9	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Tgt Ion:	136	Resp:	778905
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.8	4.1	6.1
68	5.6	4.1	6.1

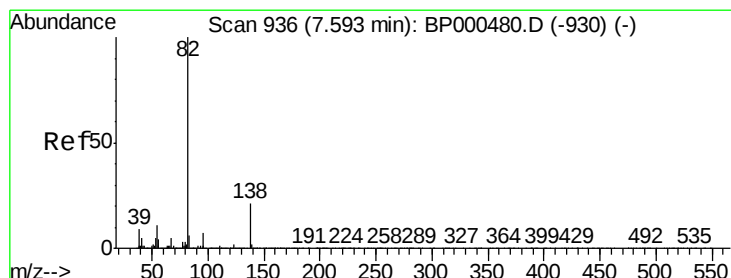
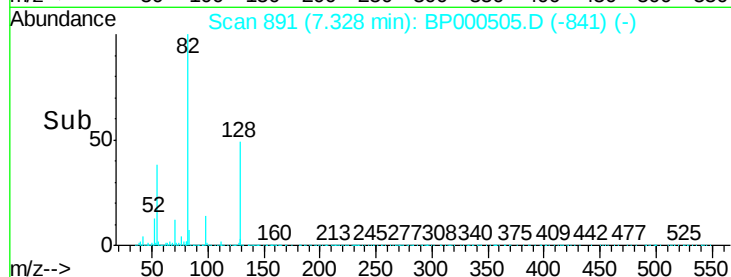
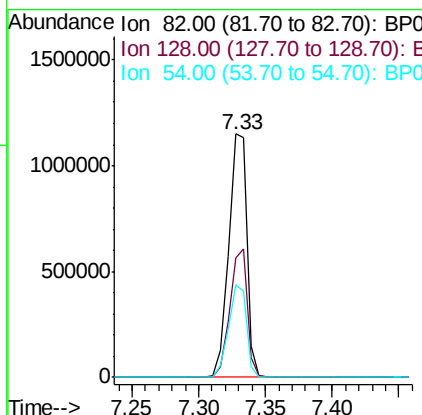
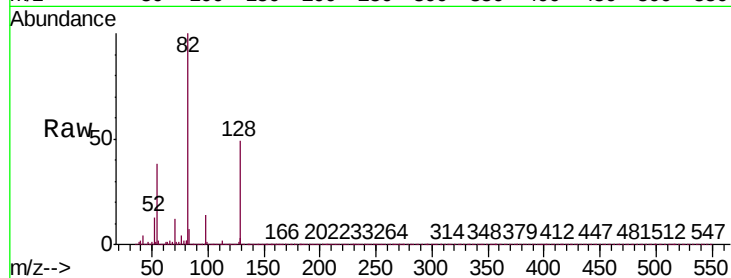




#23
Nitrobenzene-d5
Concen: 87.810 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

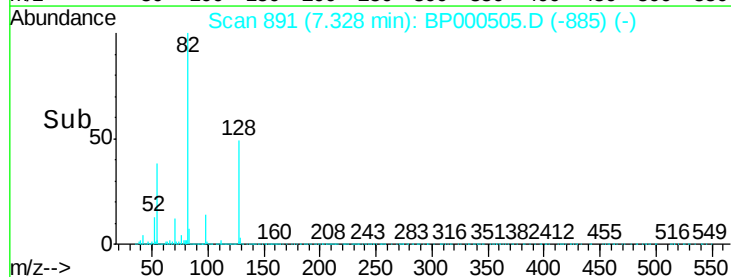
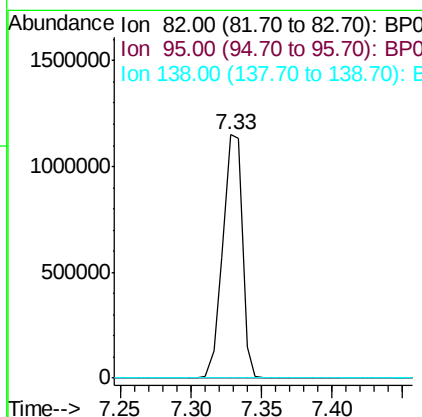
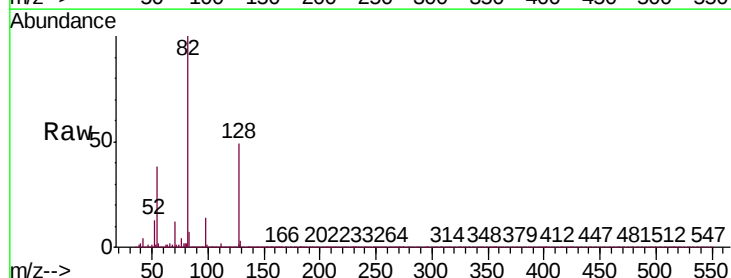
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BNA_P
ClientSampleId :
20190831-COMPOSITE-G

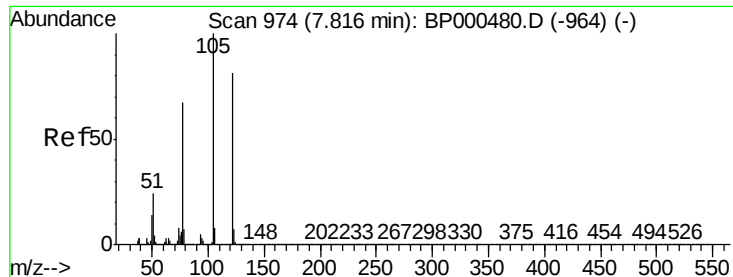
Tgt Ion: 82 Resp: 1119856
Ion Ratio Lower Upper
82 100
128 48.8 40.9 61.3
54 37.9 29.4 44.2



#25
Isophorone
Concen: 49.472 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Tgt Ion: 82 Resp: 1119770
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

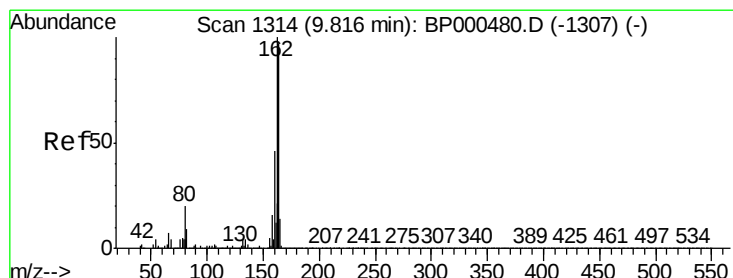
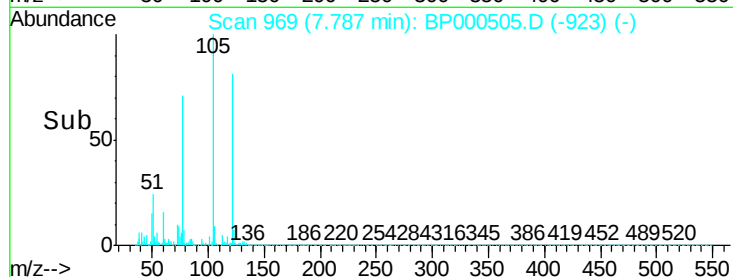
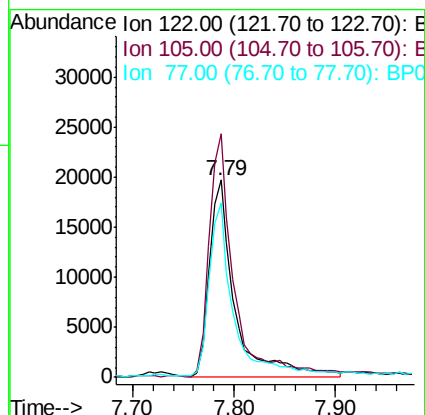
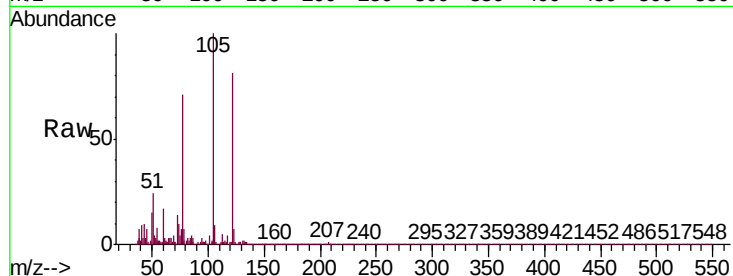




#32
Benzoic acid
Concen: 5.457 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

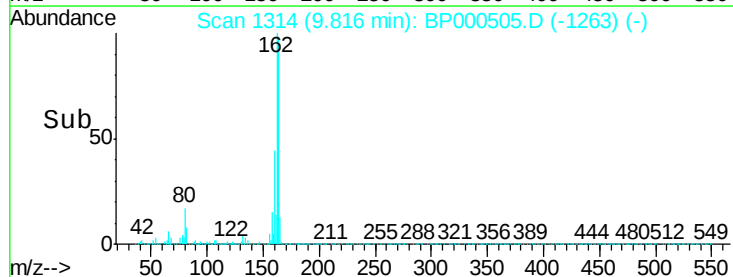
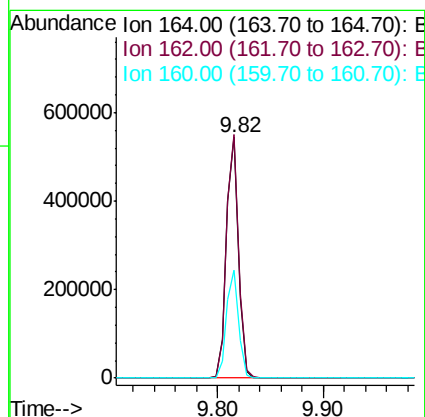
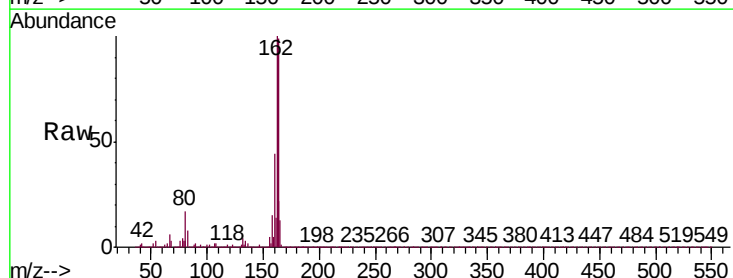
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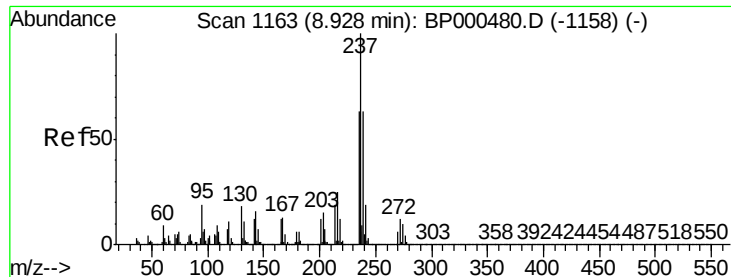
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	101.4	141.4
77	88.3	62.1	102.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.2	123.2
160	44.6	37.6	56.4





#41

Hexachlorocyclopentadiene

Concen: 7.300 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BP000505.D

Acq: 03 Oct 2019 19:10

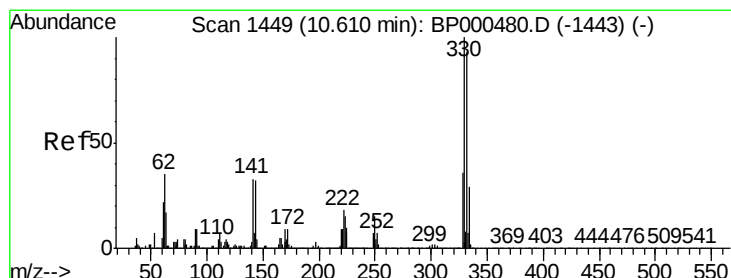
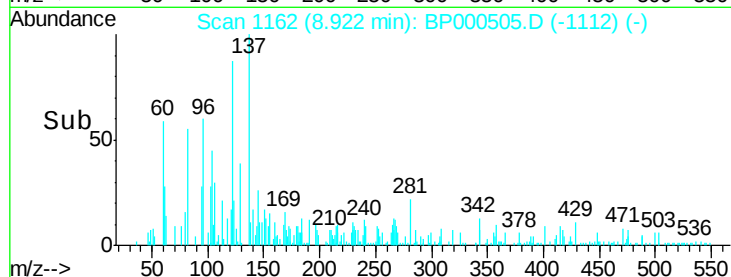
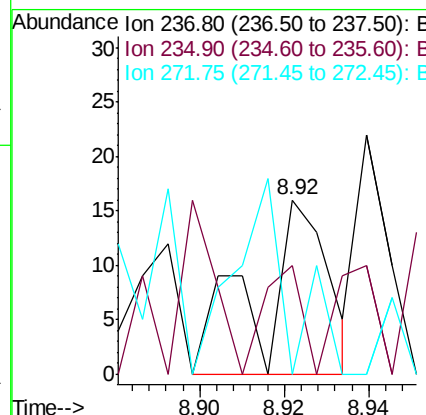
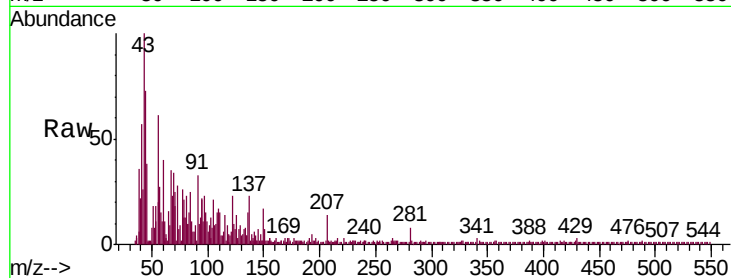
Instrument :

BNA_P

ClientSampleId :

20190831-COMPOSITE-G

Tgt Ion:	237	Resp:	18
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.9	82.9
272	0.0	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 147.103 ng

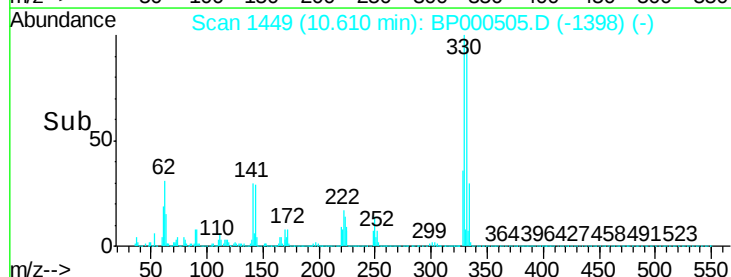
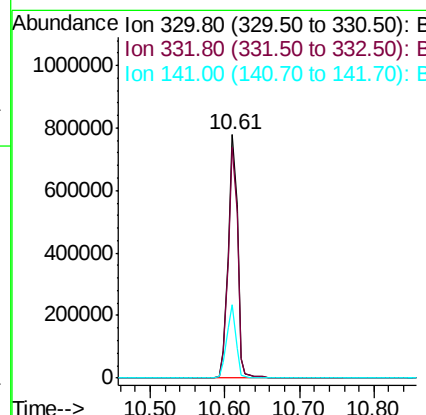
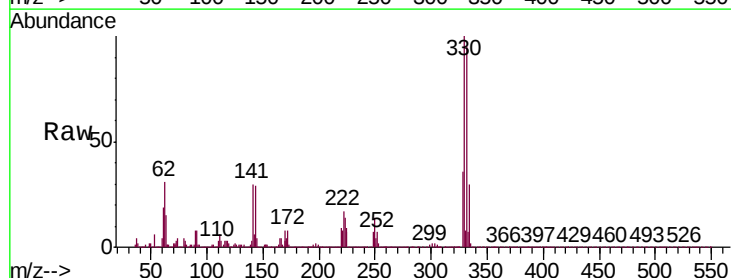
RT: 10.61 min Scan# 1449

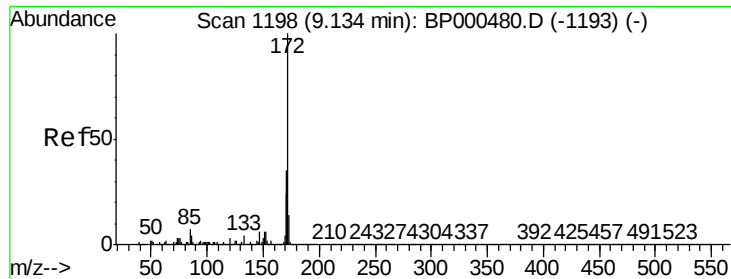
Delta R.T. -0.00 min

Lab File: BP000505.D

Acq: 03 Oct 2019 19:10

Tgt Ion:	330	Resp:	684979
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	29.9	26.0	39.0

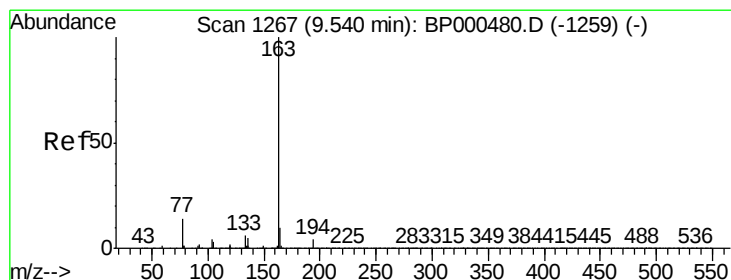
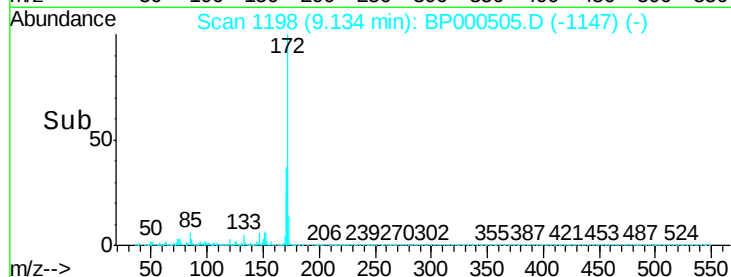
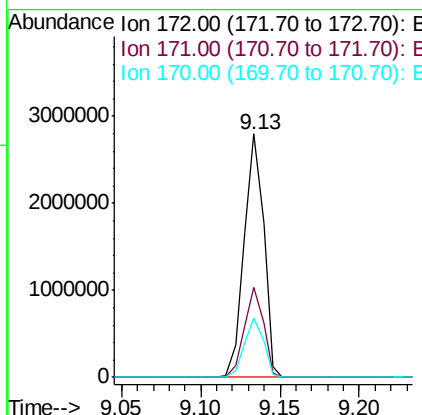
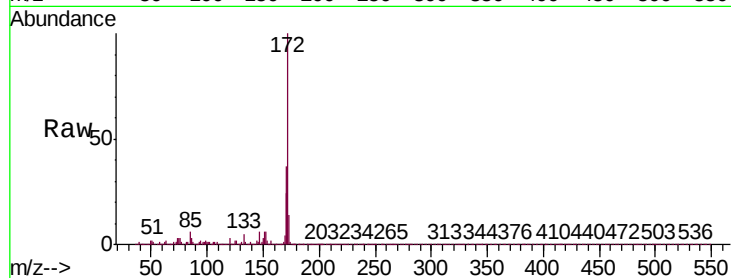




#45
2-Fluorobiphenyl
Concen: 88.771 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

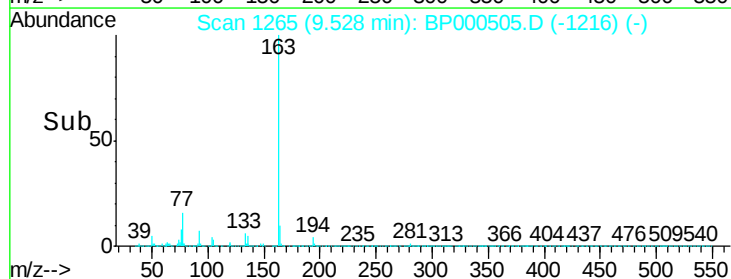
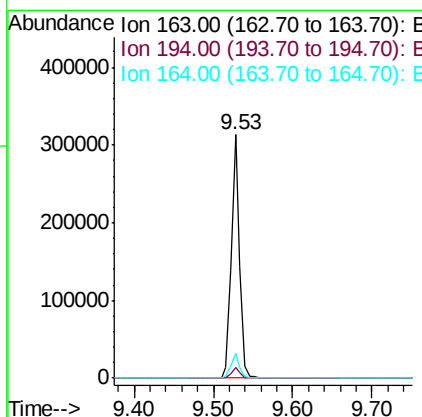
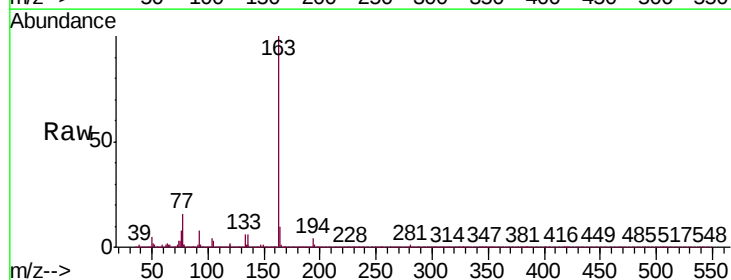
Instrument :
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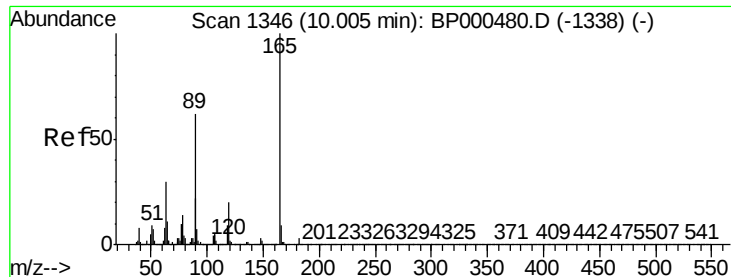
Tgt Ion:172 Resp: 2397443
Ion Ratio Lower Upper
172 100
171 37.2 28.4 42.6
170 24.4 19.1 28.7



#50
Dimethylphthalate
Concen: 7.401 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Tgt Ion:163 Resp: 224729
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.0 8.0 12.0

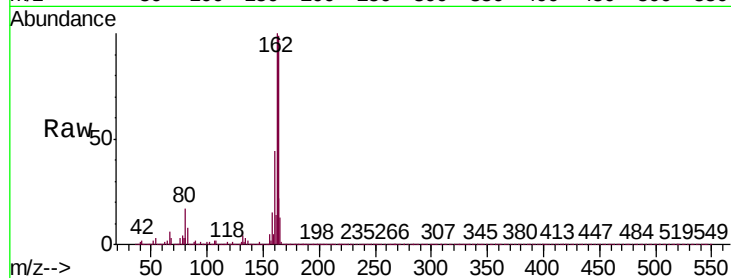




#57
2,4-Dinitrotoluene
Concen: 6.416 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	165	Resp:	56327
Ion Ratio	Lower	Upper	
165	100		
63	1.0	24.2	36.4#
89	1.5	49.4	74.0#
182	0.0	2.5	3.7#

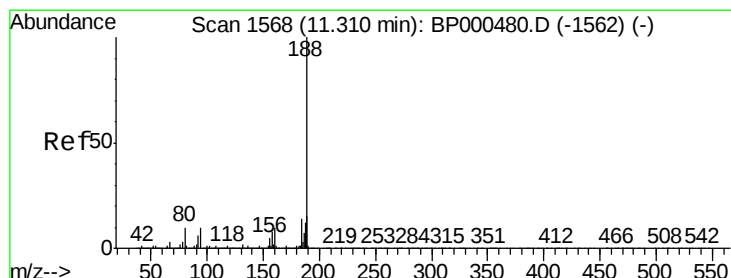
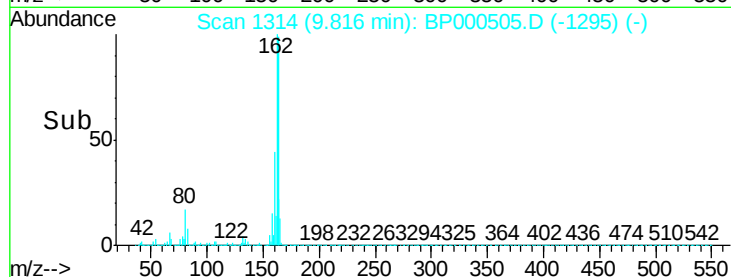
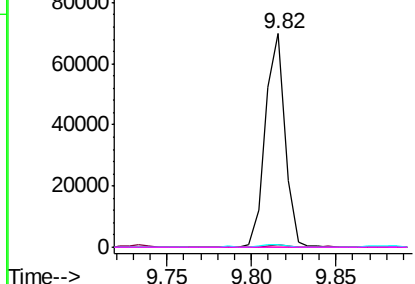


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

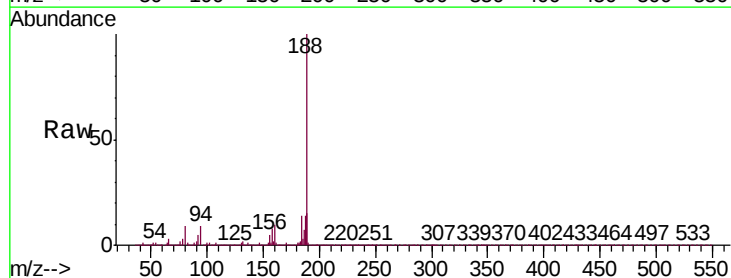
Ion 89.00 (88.70 to 89.70): BP0

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: BP000505.D
Acq: 03 Oct 2019 19:10

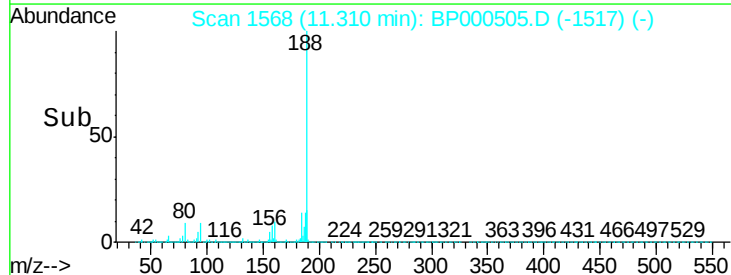
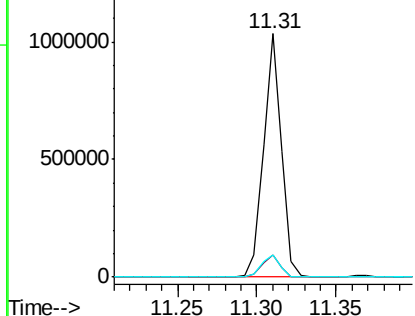
Tgt Ion:	188	Resp:	818281
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.2	12.2
80	9.3	8.3	12.5

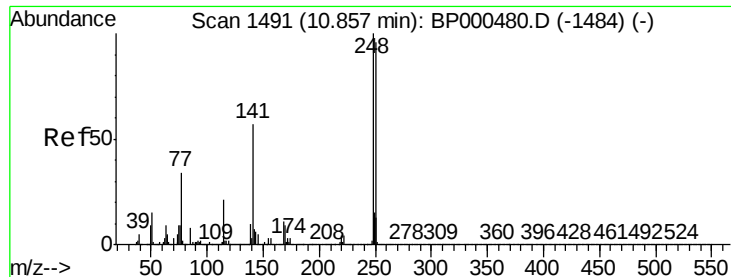


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

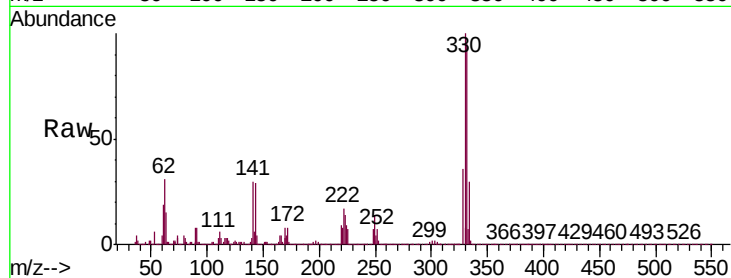




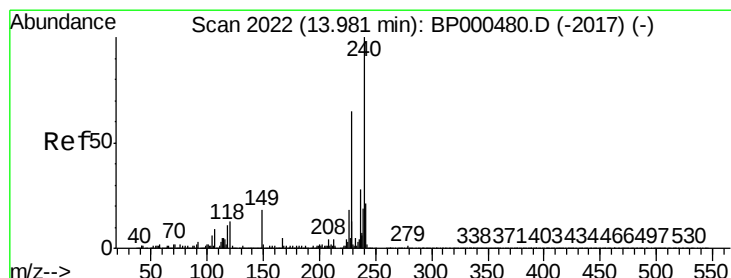
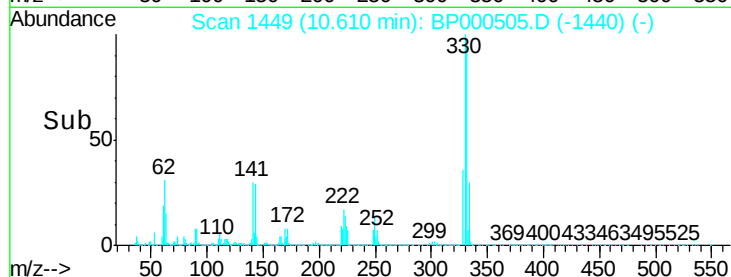
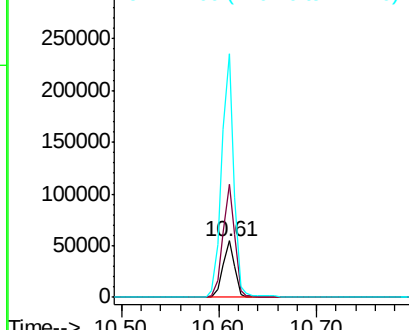
#67
4-Bromophenyl-phenylether
Concen: 5.054 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :
20190831-COMPOSITE-G

Tgt Ion:248 Resp: 46554
Ion Ratio Lower Upper
248 100
250 199.8 77.2 115.8#
141 431.8 45.3 67.9#

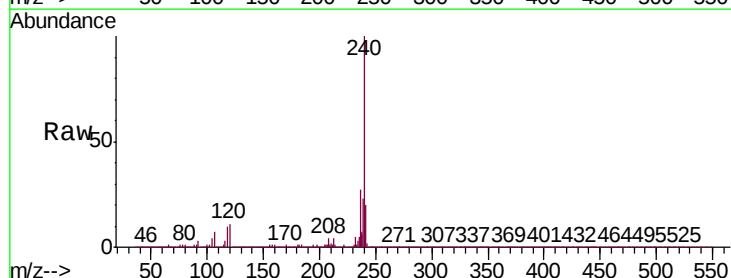


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

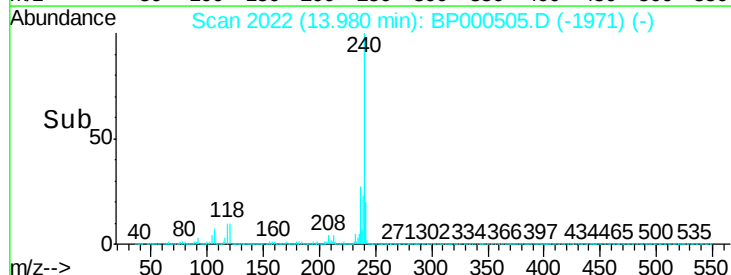
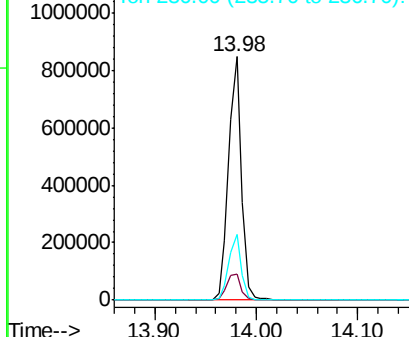


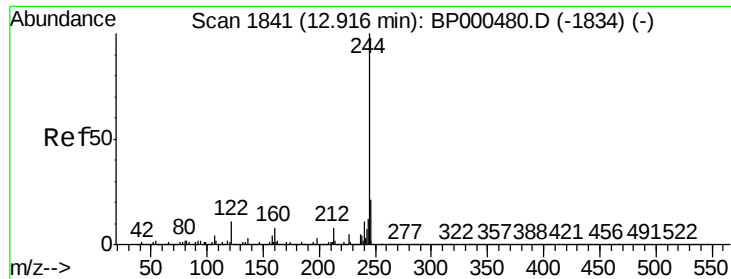
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000505.D
Acq: 03 Oct 2019 19:10

Tgt Ion:240 Resp: 752853
Ion Ratio Lower Upper
240 100
120 10.5 10.1 15.1
236 26.9 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

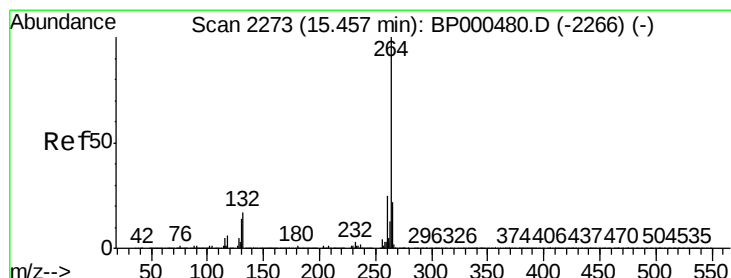
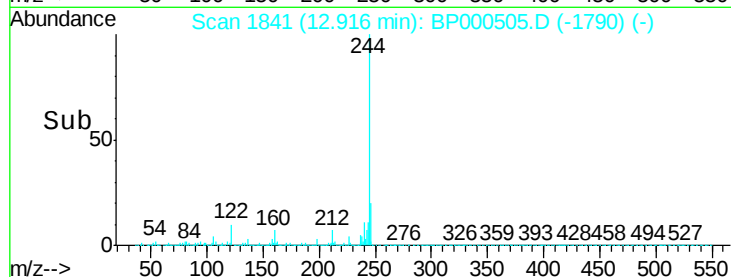
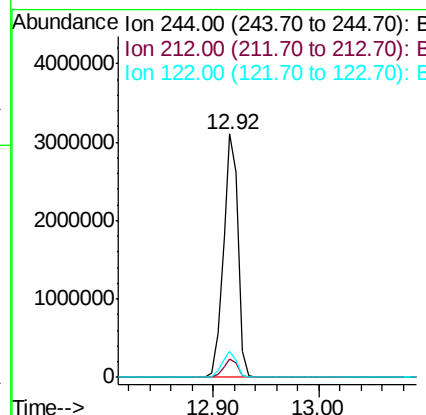
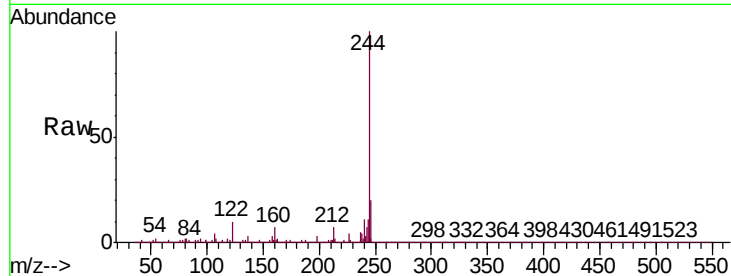




#79
 Terphenyl-d14
 Concen: 81.074 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BP000505.D
 Acq: 03 Oct 2019 19:10

Instrument :
 BNA_P
 ClientSampleId :
 20190831-COMPOSITE-G

Tgt Ion:244 Resp: 3014556
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.5 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: BP000505.D
 Acq: 03 Oct 2019 19:10

Tgt Ion:264 Resp: 490728
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.3 30.5
 265 21.9 18.0 27.0

