

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000534.D
 Acq On : 05 Oct 2019 02:01
 Operator : JU
 Sample : K4660-02RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 05 06:01:40 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

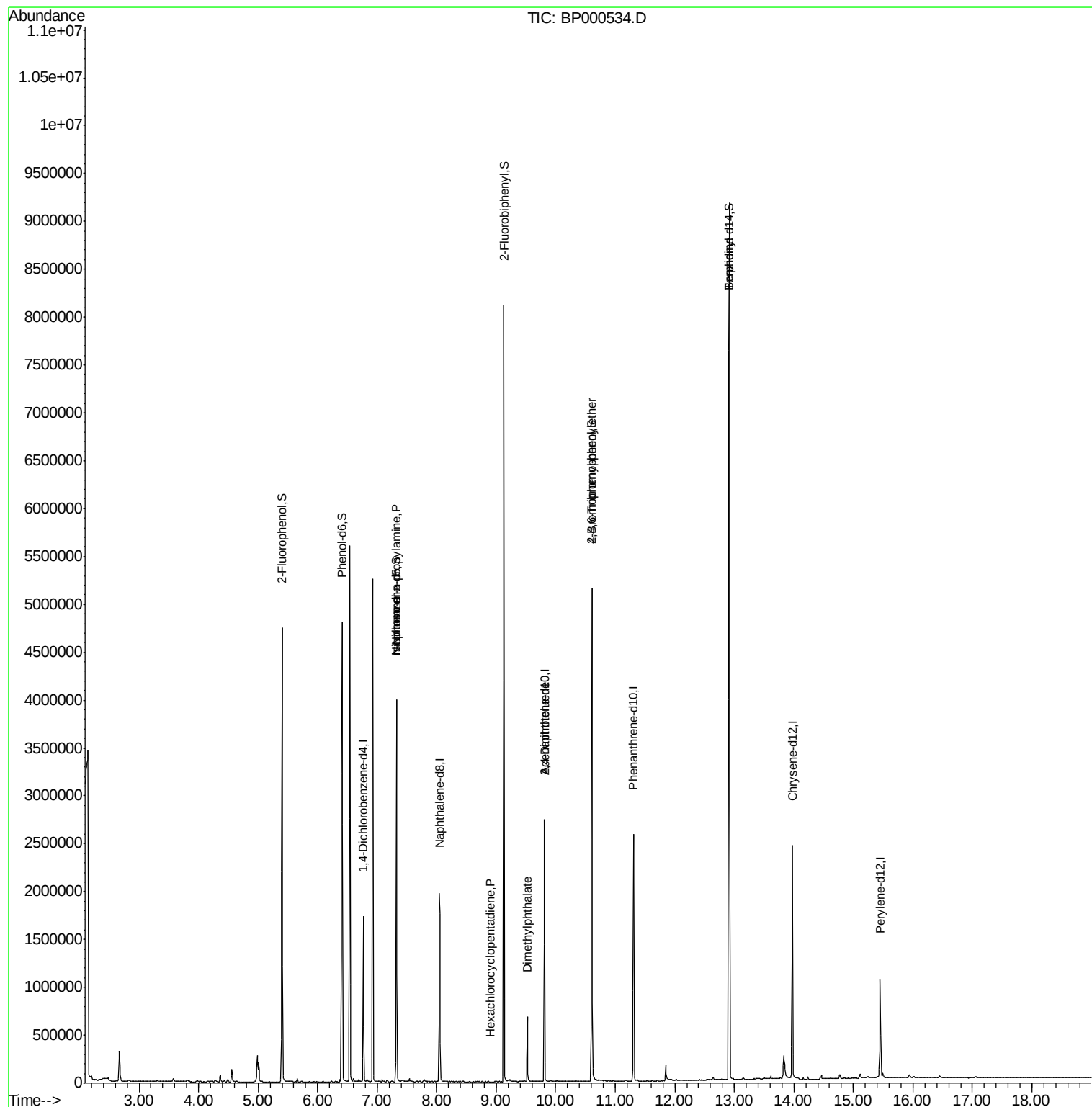
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	255766	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	912389	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	507784	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	955429	20.00	ng	0.00
76) Chrysene-d12	13.97	240	743014	20.00	ng	0.00
87) Perylene-d12	15.45	264	500494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1635107	102.76	ng	0.01
7) Phenol-d6	6.41	99	1879064	98.00	ng	0.00
23) Nitrobenzene-d5	7.33	82	1241234	83.09	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	723815	133.77	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2668877	85.04	ng	0.00
79) Terphenyl-d14	12.92	244	3280994	89.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	152507	17.256	ng	Qvalue # 72
25) Isophorone	7.33	82	1240993	46.807	ng	# 61
41) Hexachlorocyclopentadiene	8.91	237	17	7.299	ng	81
50) Dimethylphthalate	9.52	163	261712	7.417	ng	100
57) 2,4-Dinitrotoluene	9.81	165	66085	6.478	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	49309	4.585	ng	# 1
77) Benzidine	12.92	184	44889	2.086	ng	# 97

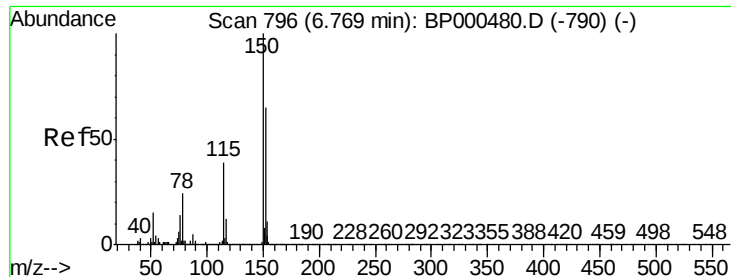
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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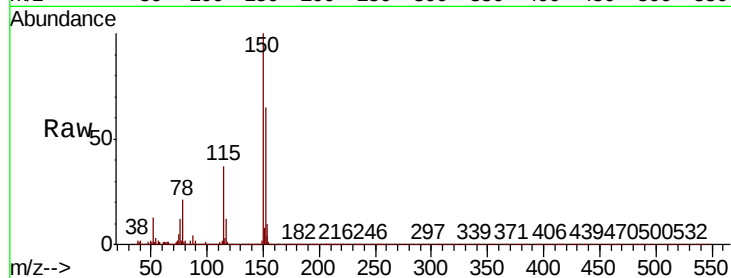


#1

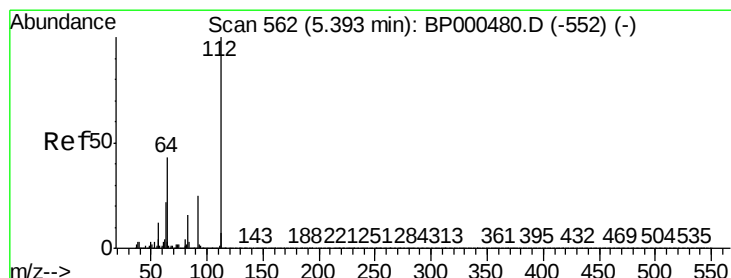
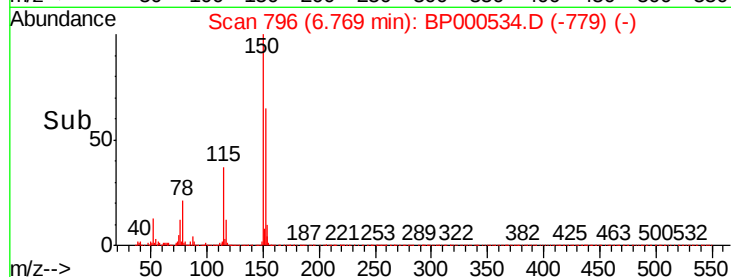
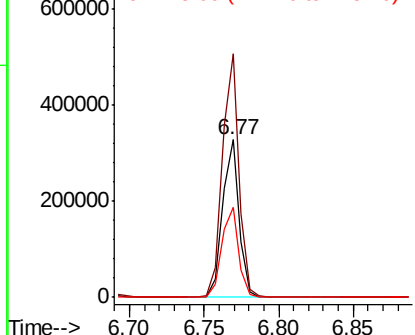
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.1	186.1
115	56.9	48.7	73.1



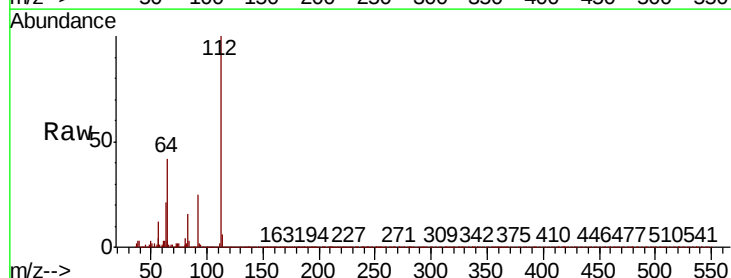
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



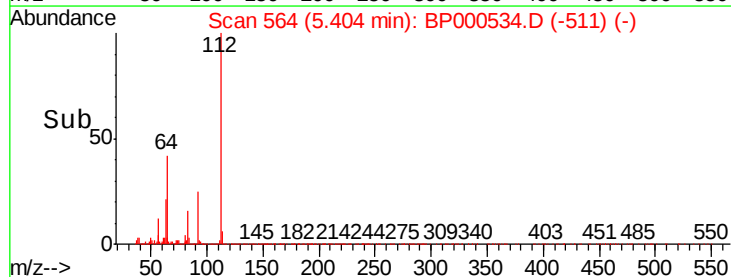
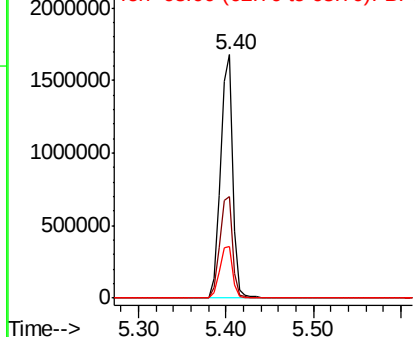
#5

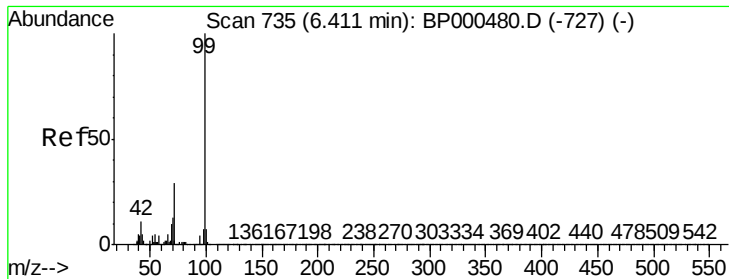
2-Fluorophenol
Concen: 102.764 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	34.2	51.4
63	21.3	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: 98.001 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000534.D

Acq: 05 Oct 2019 02:01

Instrument :

BNA_P

ClientSampled :

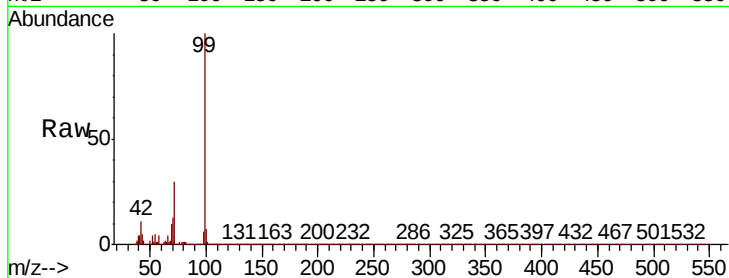
Tot Ion: 99 Resp: 1879064

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

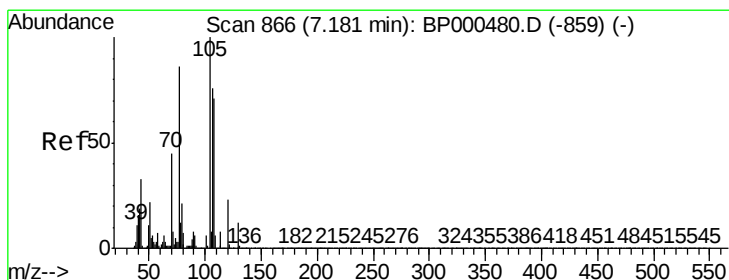
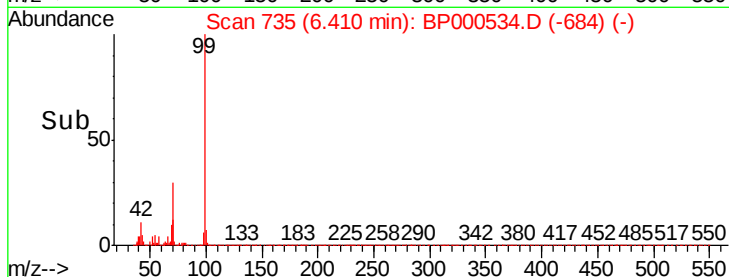
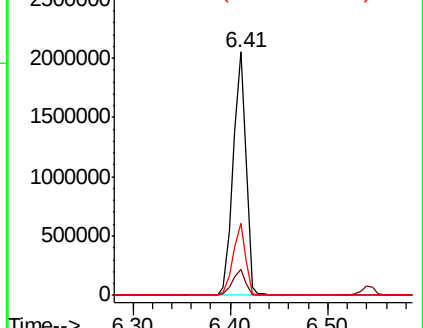
71 29.6 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 17.256 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.15 min

Lab File: BP000534.D

Acq: 05 Oct 2019 02:01

Tgt Ion: 70 Resp: 152507

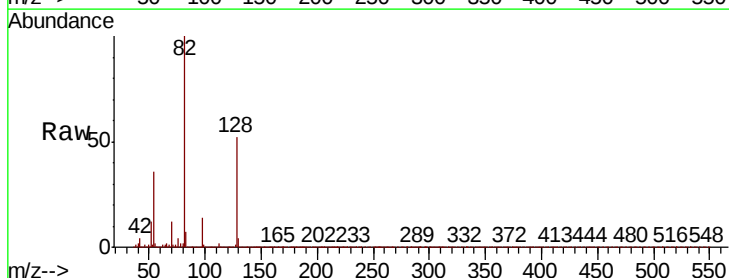
Ion Ratio Lower Upper

70 100

42 33.1 33.2 49.8#

101 0.0 9.9 14.9#

130 2.5 21.8 32.8#

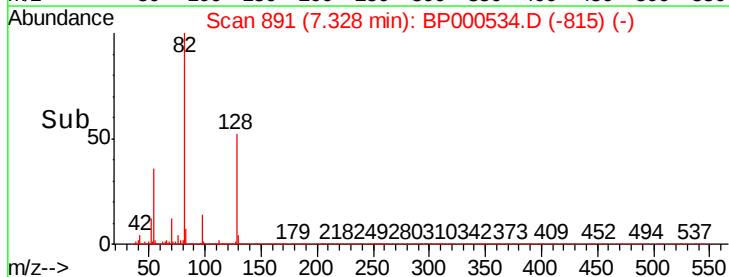
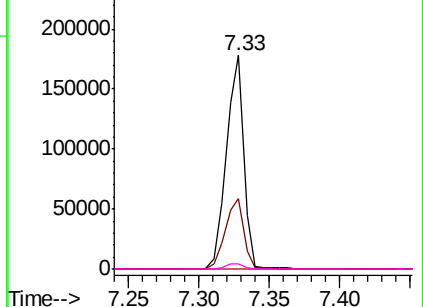


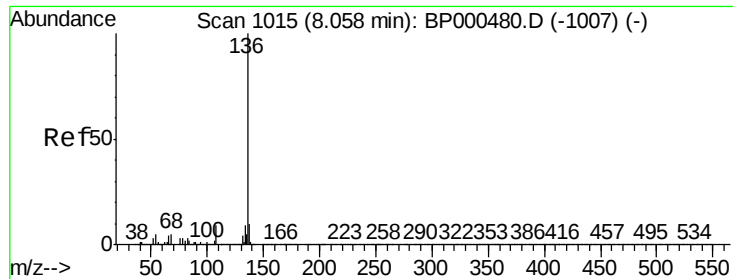
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

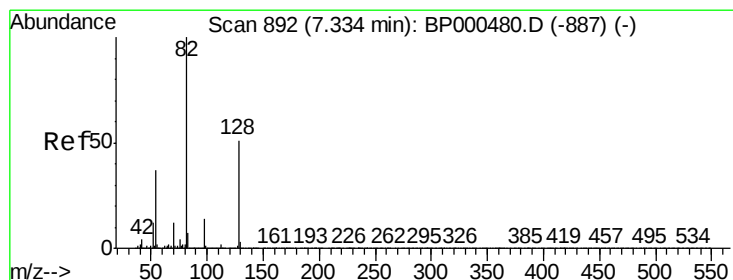
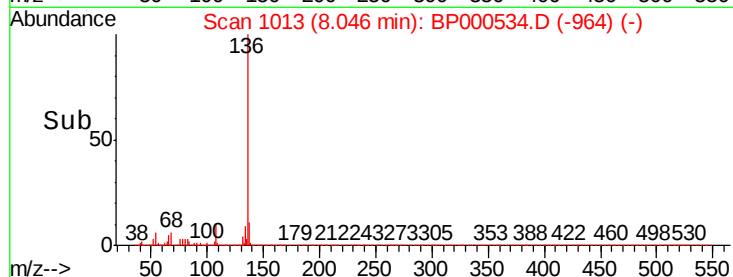
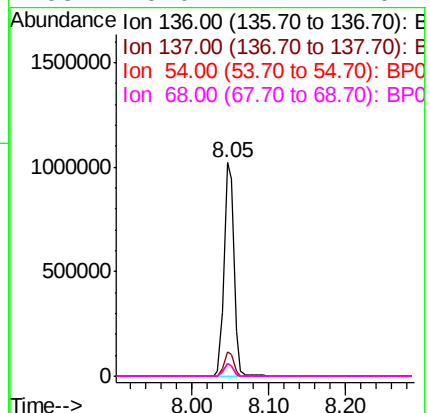
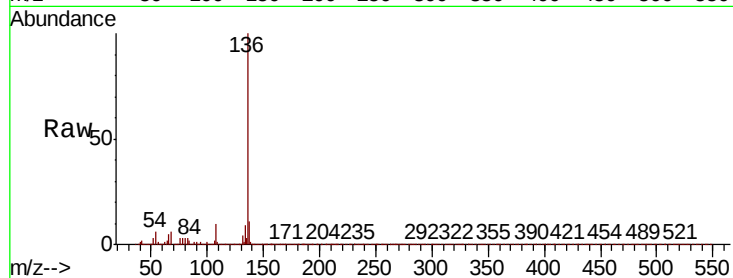




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

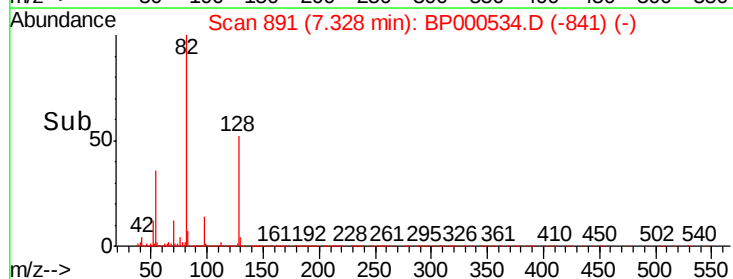
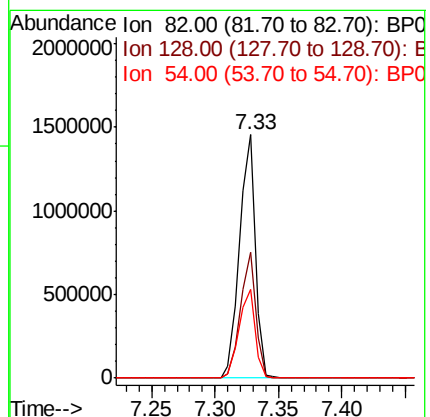
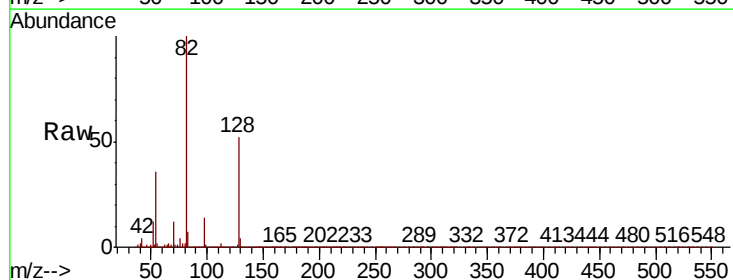
Instrument :
BNA_P
ClientSampleId :

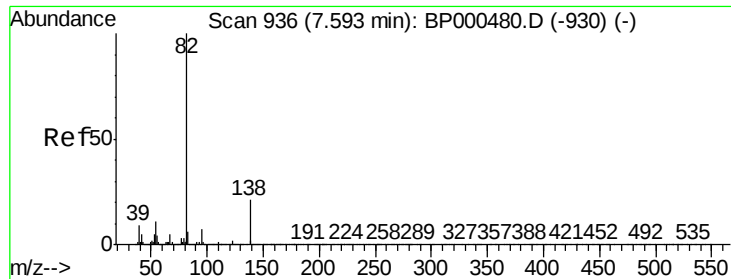
Tot Ion:136	Resp:	912389
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.2 12.4
54	6.1	4.1 6.1
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.088 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Tgt Ion: 82	Resp:	1241234
Ion	Ratio	Lower Upper
82	100	
128	51.8	40.9 61.3
54	36.2	29.4 44.2





#25

Isophorone

Concen: 46.807 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BP000534.D

Acq: 05 Oct 2019 02:01

Instrument :

BNA_P

ClientSampleId :

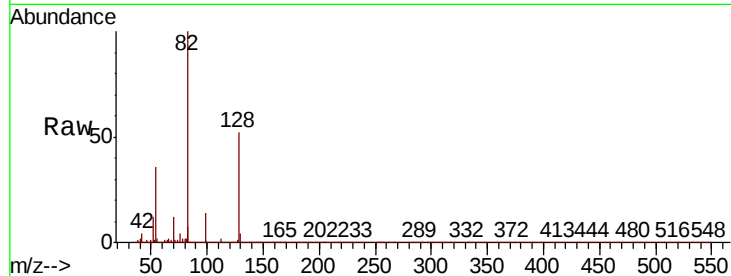
Tot Ion: 82 Resp: 1240993

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

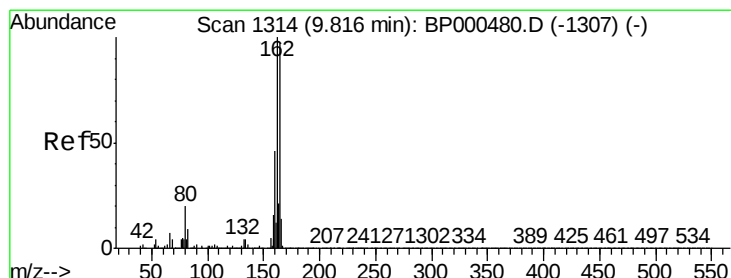
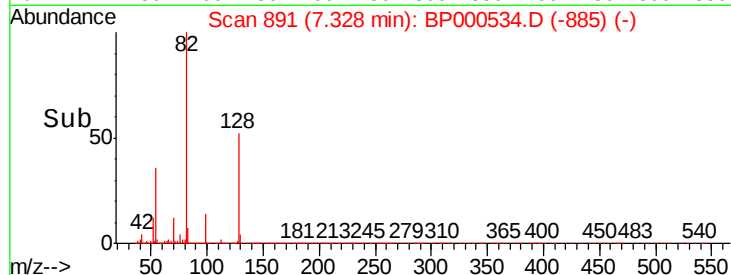
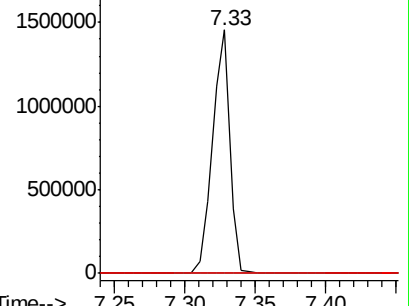
138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP000534.D (-885) (-)

Ion 95.00 (94.70 to 95.70): BP000534.D (-950) (-)

Ion 138.00 (137.70 to 138.70): BP000534.D (-1380) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BP000534.D

Acq: 05 Oct 2019 02:01

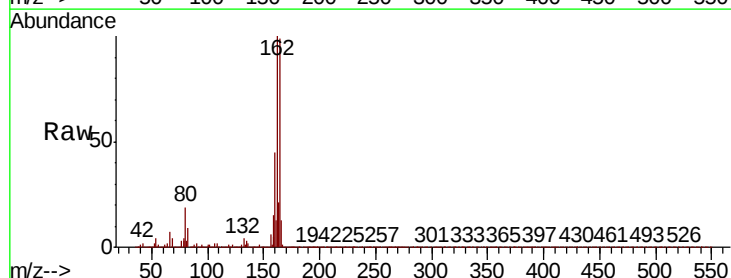
Tgt Ion: 164 Resp: 507784

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

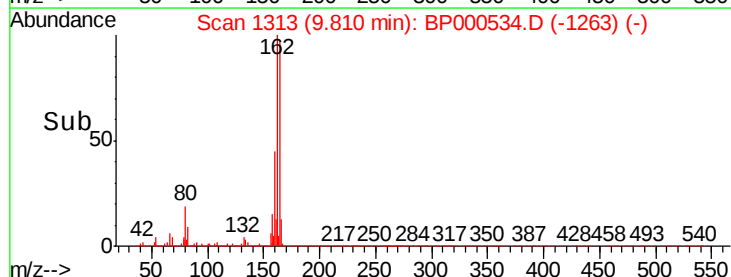
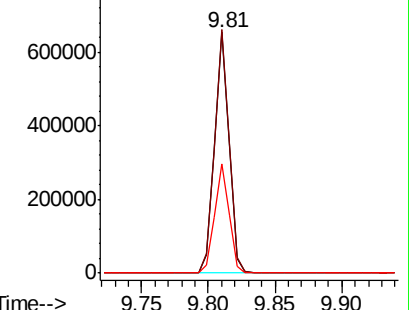
160 45.2 37.6 56.4

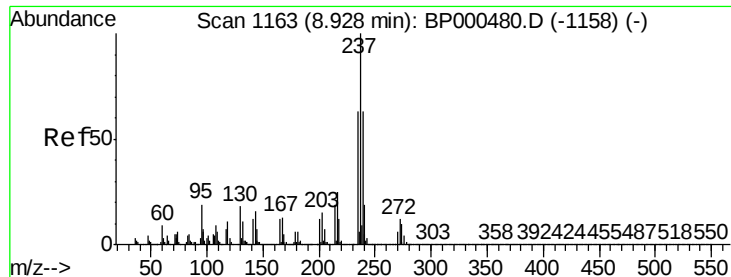


Abundance Ion 164.00 (163.70 to 164.70): BP000534.D (-1263) (-)

Ion 162.00 (161.70 to 162.70): BP000534.D (-1620) (-)

Ion 160.00 (159.70 to 160.70): BP000534.D (-1600) (-)

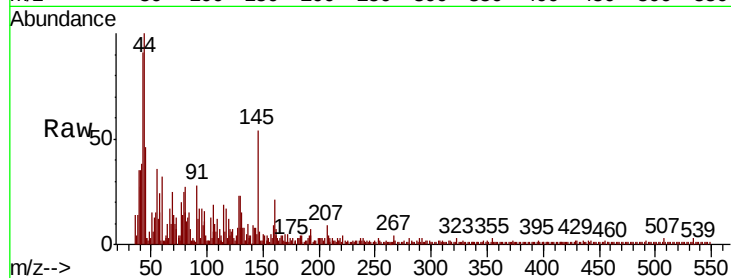




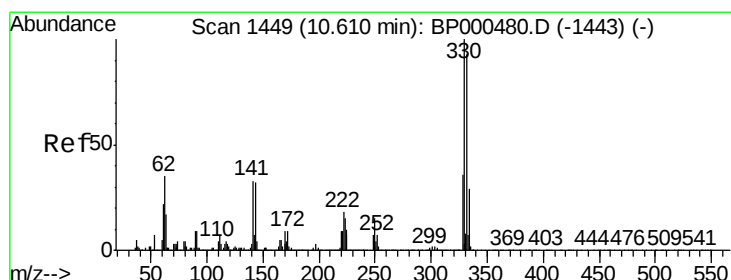
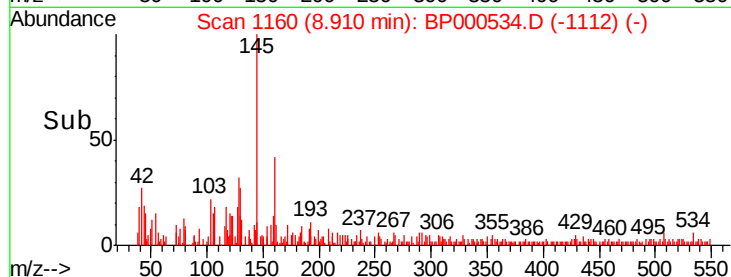
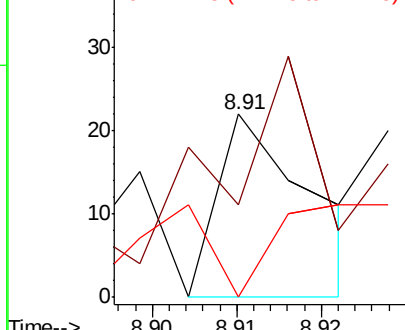
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Instrument :
BNA_P
ClientSampled :

Tot Ion:	237	Resp:	17
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.9	82.9
272	0.0	0.0	32.4

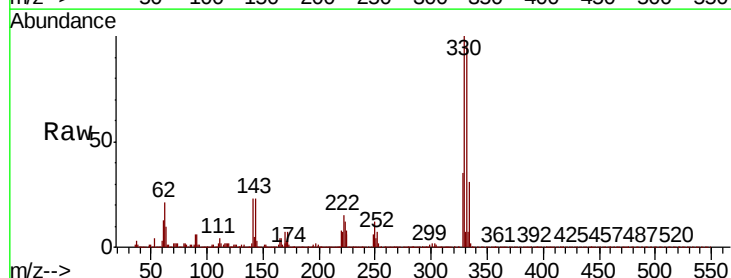


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

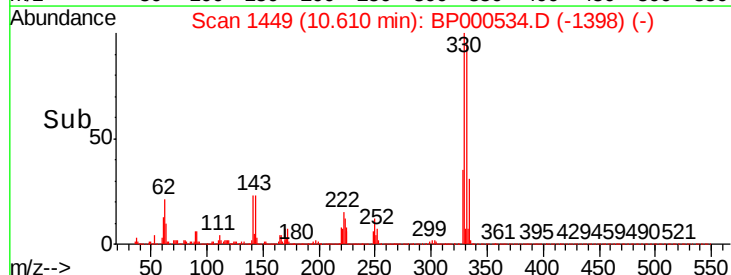
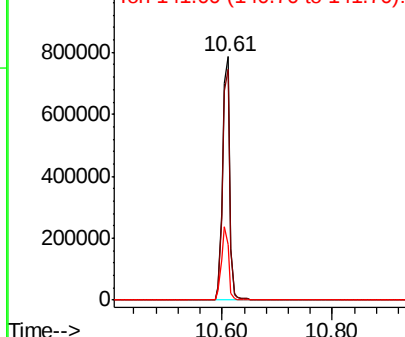


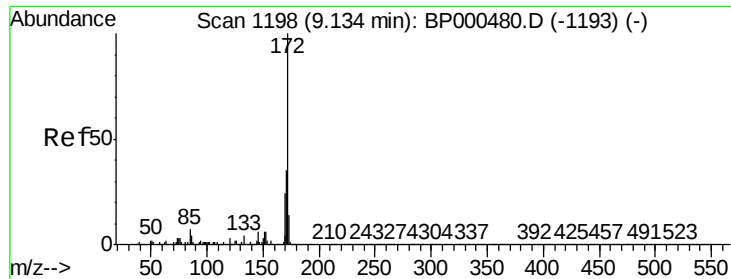
#42
2,4,6-Tribromophenol
Concen: 133.766 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Tgt Ion:	330	Resp:	723815
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	30.2	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



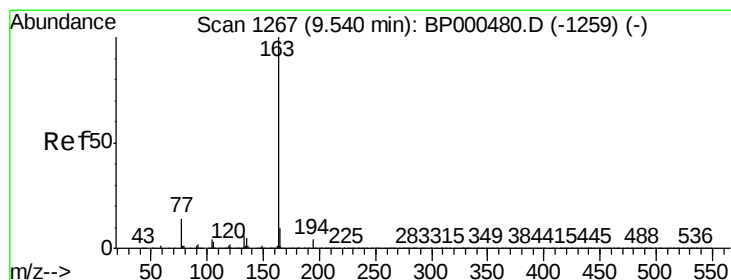
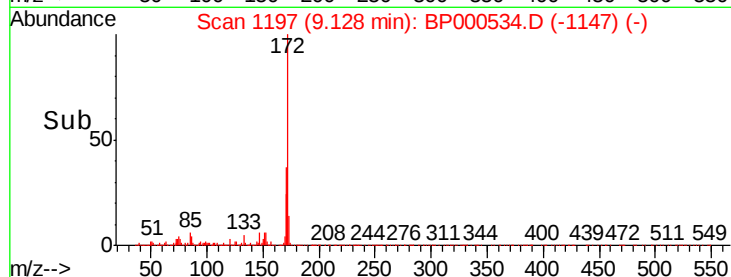
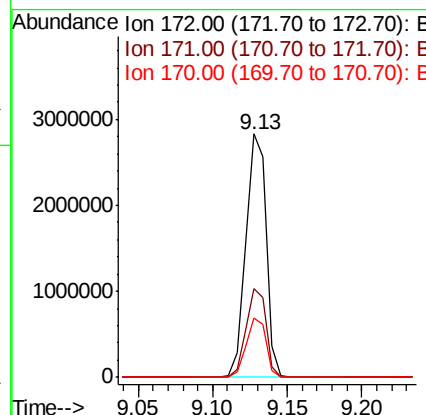
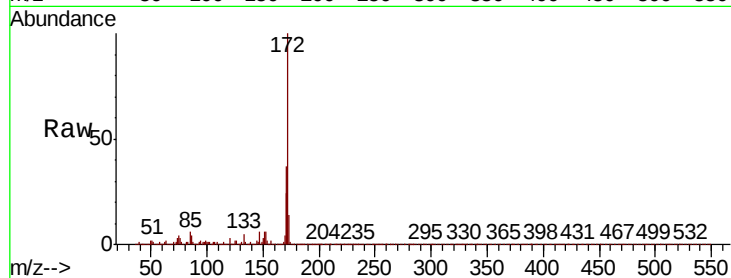


#45
 2-Fluorobiphenyl
 Concen: 85.041 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BP000534.D
 Acq: 05 Oct 2019 02:01

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:172 Resp: 2668877

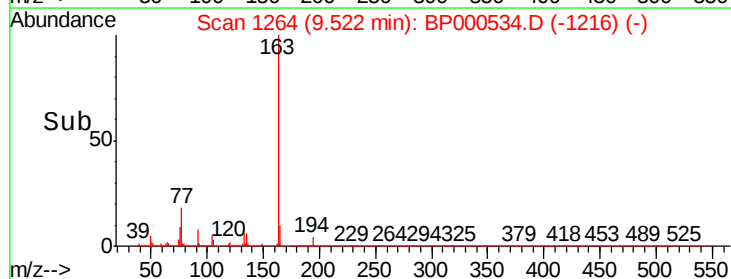
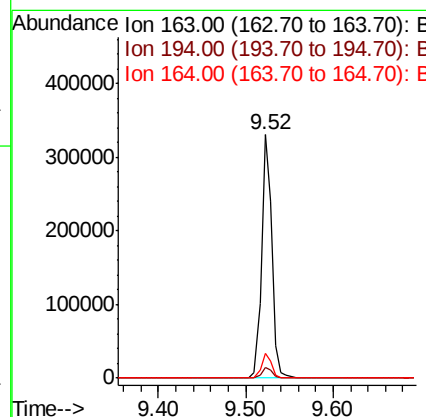
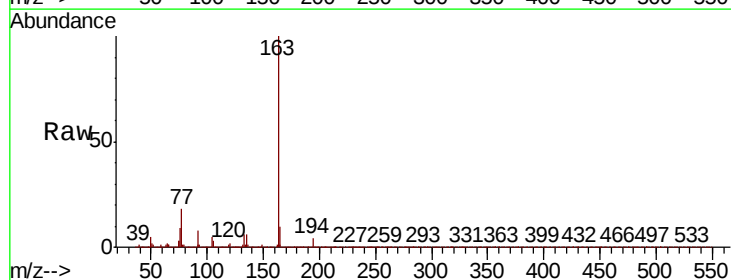
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.4	42.6
170	24.2	19.1	28.7

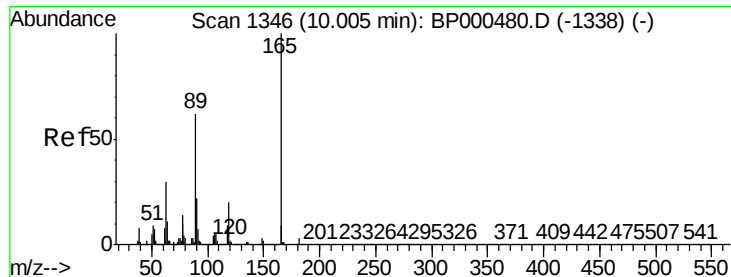


#50
 Dimethylphthalate
 Concen: 7.417 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BP000534.D
 Acq: 05 Oct 2019 02:01

Tgt Ion:163 Resp: 261712

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.0	12.0

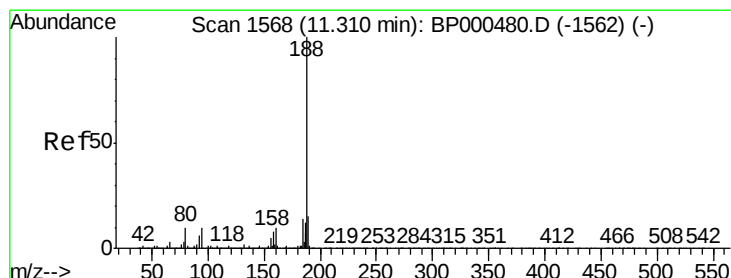
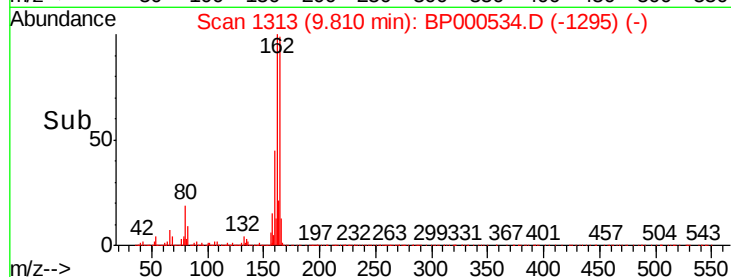
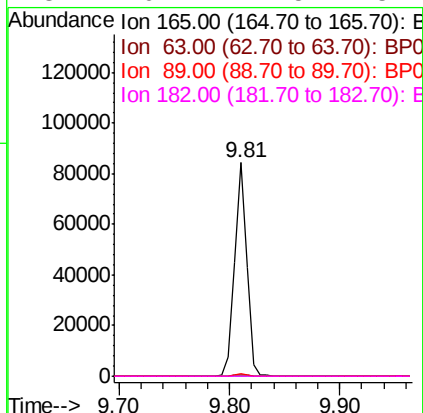
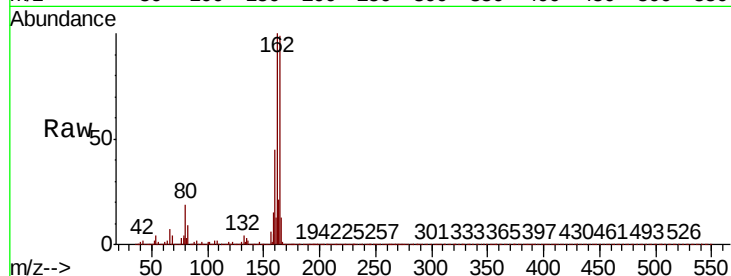




#57
2,4-Dinitrotoluene
Concen: 6.478 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

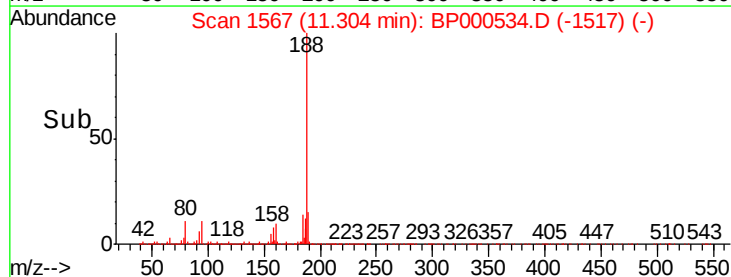
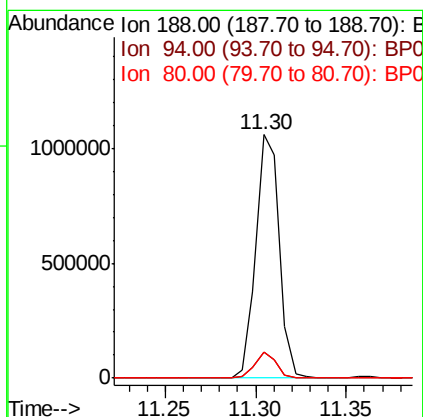
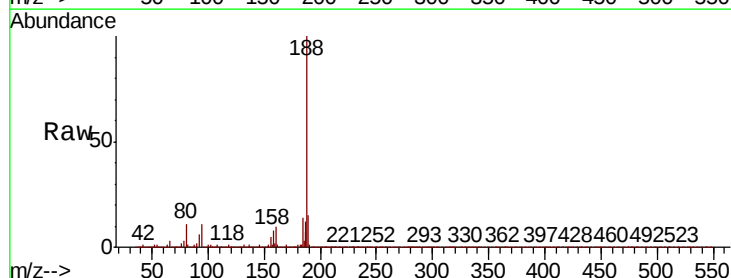
Instrument :
BNA_P
ClientSampleId :

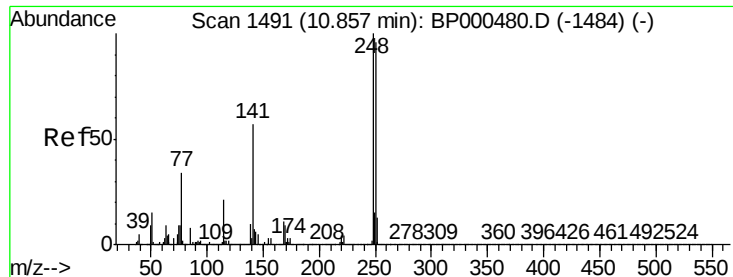
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.4	49.4	74.0#
182	0.1	2.5	3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	10.6	8.3	12.5

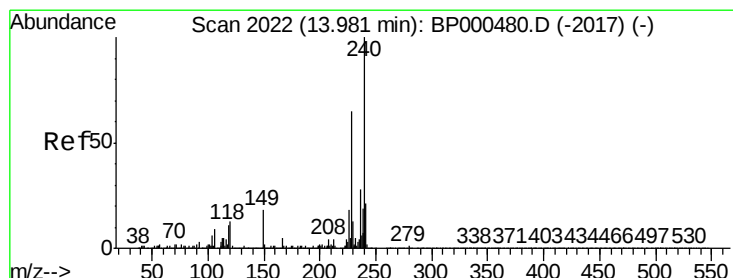
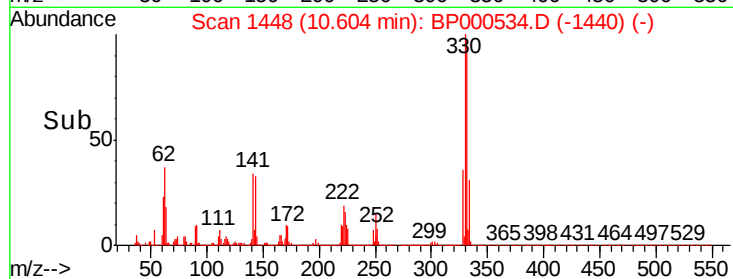
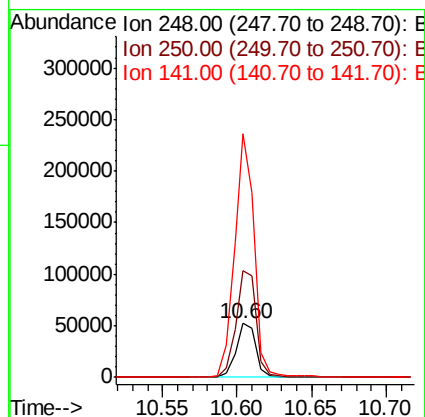
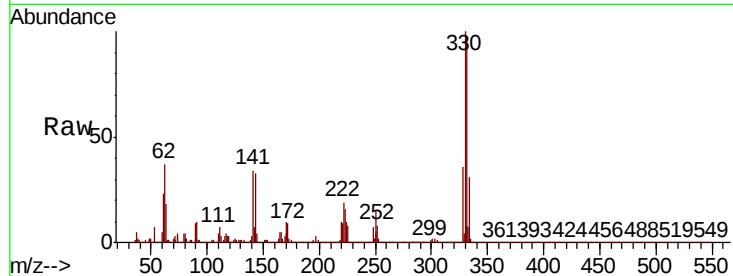




#67
4-Bromophenyl-phenylether
Concen: 4.585 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

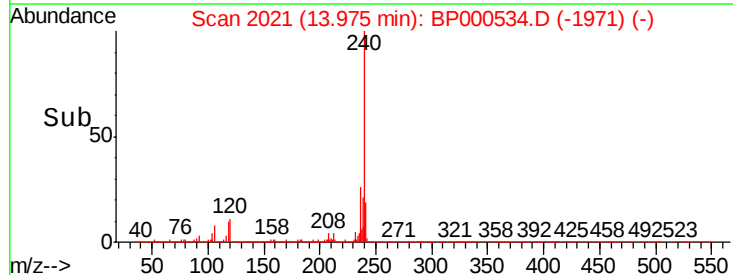
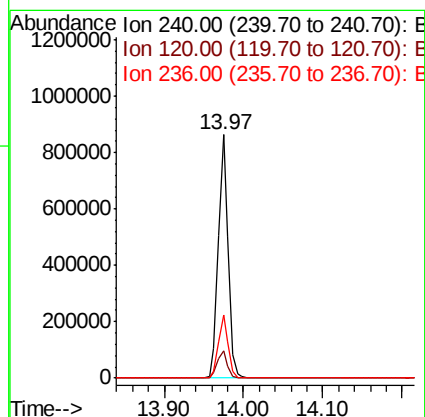
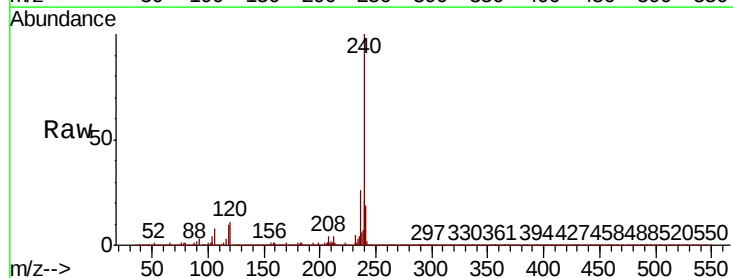
Instrument :
BNA_P
ClientSampleId :

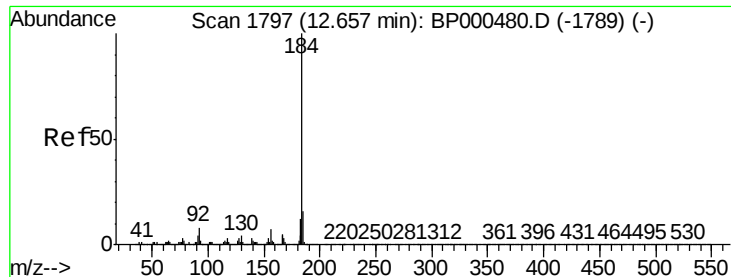
Tot Ion:248 Resp: 49309
Ion Ratio Lower Upper
248 100
250 198.0 77.2 115.8#
141 452.1 45.3 67.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Tgt Ion:240 Resp: 743014
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 26.1 22.7 34.1





#77

Benzidine

Concen: 2.086 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.26 min

Lab File: BP000534.D

Acq: 05 Oct 2019 02:01

Instrument :

BNA_P

ClientSampleId :

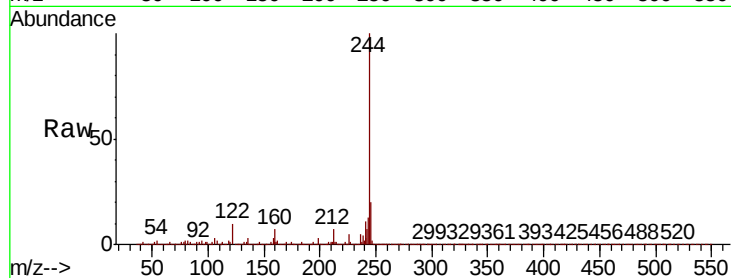
Tot Ion:184 Resp: 44889

Ion Ratio Lower Upper

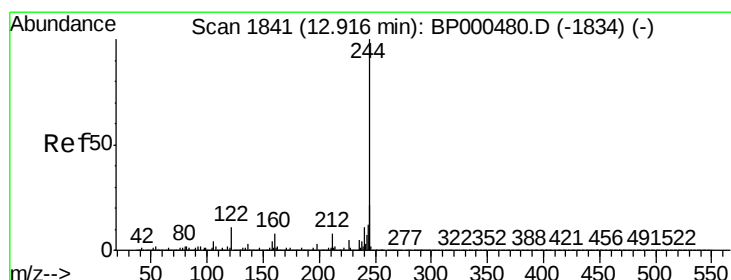
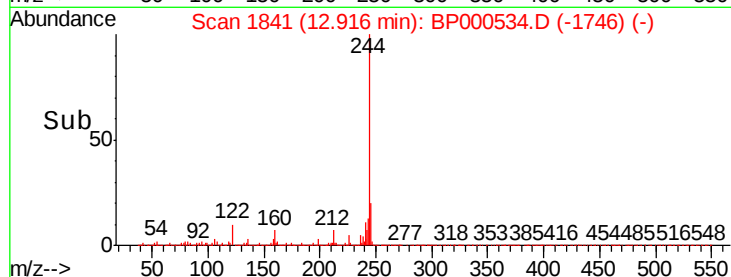
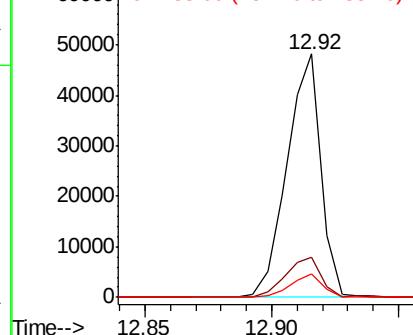
184 100

185 16.3 12.7 19.1

183 9.5 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 89.408 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BP000534.D

Acq: 05 Oct 2019 02:01

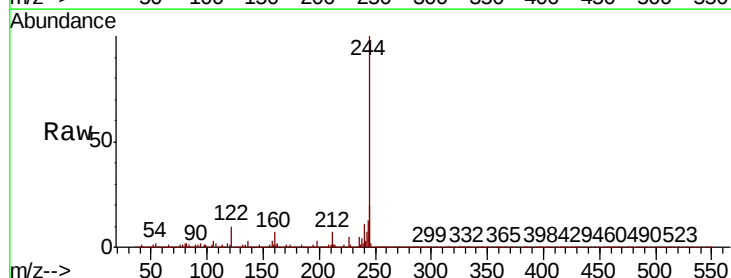
Tgt Ion:244 Resp: 3280994

Ion Ratio Lower Upper

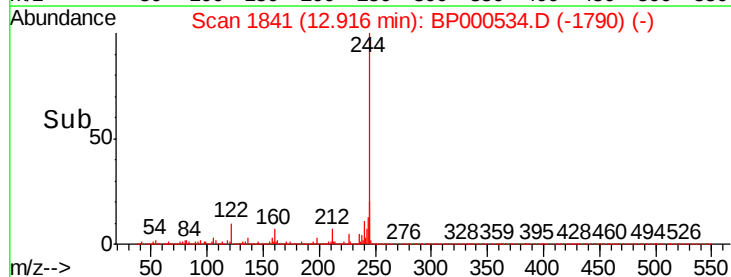
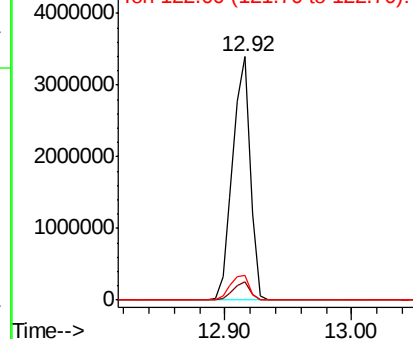
244 100

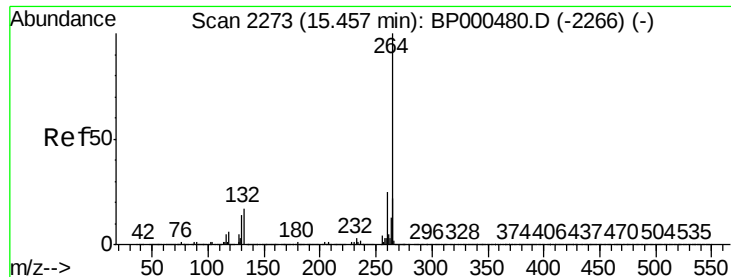
212 7.5 6.0 9.0

122 10.1 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000534.D
Acq: 05 Oct 2019 02:01

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.3	30.5
265	21.8	18.0	27.0

