

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000551.D
 Acq On : 07 Oct 2019 18:32
 Operator : JU
 Sample : K5213-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 08 06:08:58 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

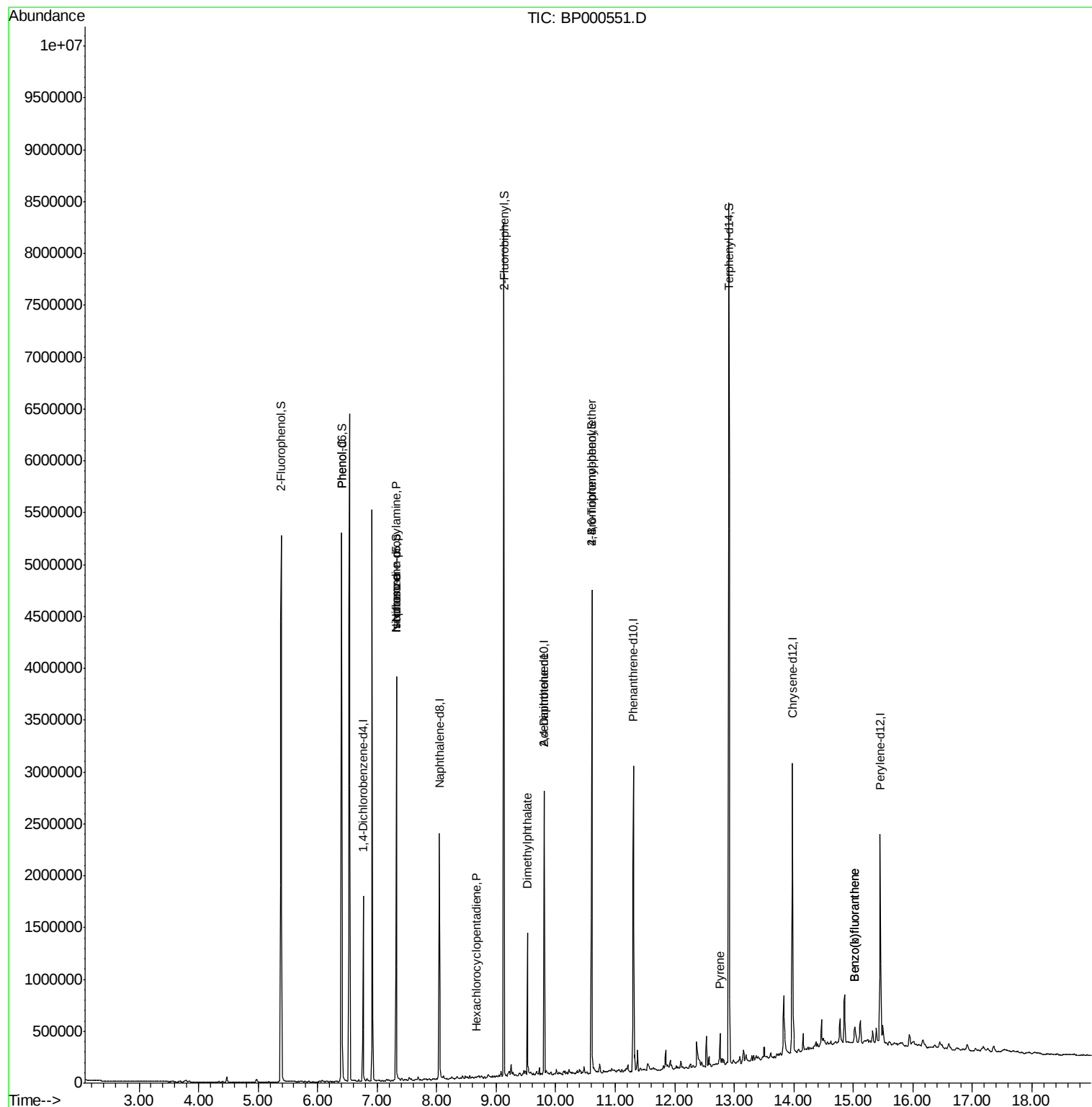
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	276225	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	992482	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	556000	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	1001706	20.00	ng	0.00
76) Chrysene-d12	13.97	240	847702	20.00	ng	0.00
87) Perylene-d12	15.45	264	942876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1692589	98.50	ng	0.00
7) Phenol-d6	6.40	99	2206184	106.54	ng	0.00
23) Nitrobenzene-d5	7.32	82	1177379	72.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	595909	100.58	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2456701	71.49	ng	0.00
79) Terphenyl-d14	12.91	244	2827916	67.54	ng	0.00
Target Compounds						
10) Phenol	6.41	94	85450	4.030	ng	87
19) n-Nitroso-di-n-propylamine	7.32	70	146491	15.348	ng	# 73
25) Isophorone	7.32	82	1175351	40.753	ng	# 61
41) Hexachlorocyclopentadiene	8.68	237	18	7.299	ng	92
50) Dimethylphthalate	9.52	163	480788	12.445	ng	100
57) 2,4-Dinitrotoluene	9.80	165	73143	6.548	ng	# 32
67) 4-Bromophenyl-phenylether	10.60	248	41593	3.689	ng	# 1
78) Pyrene	12.76	202	127010	2.172	ng	99
88) Benzo(b)fluoranthene	15.02	252	113690	2.125	ng	# 91
89) Benzo(k)fluoranthene	15.02	252	113690	2.232	ng	# 93

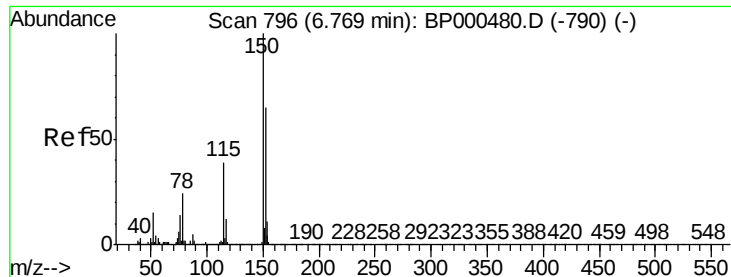
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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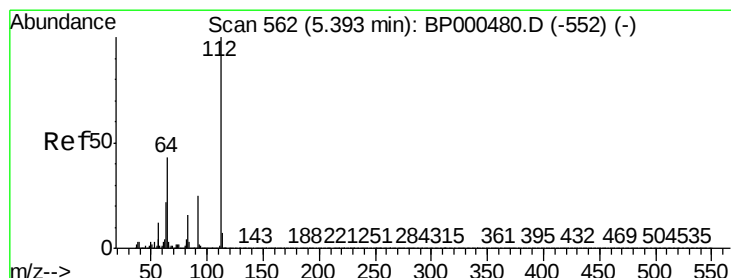
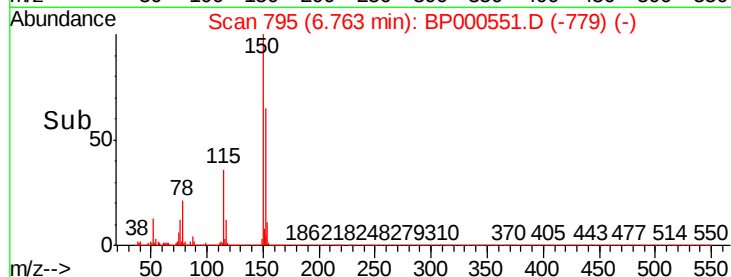
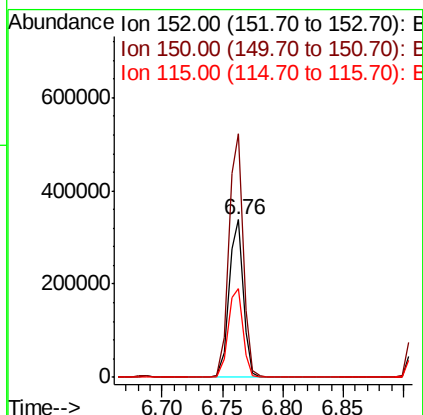
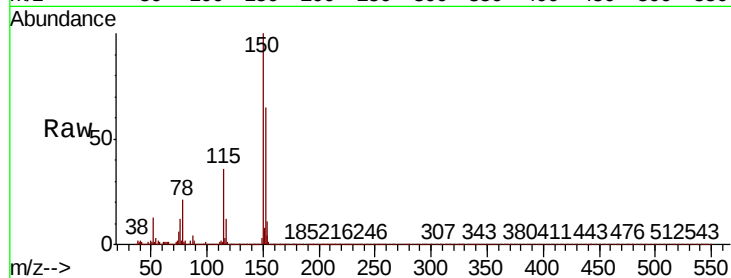


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Instrument :
BNA_P
ClientSampleId :

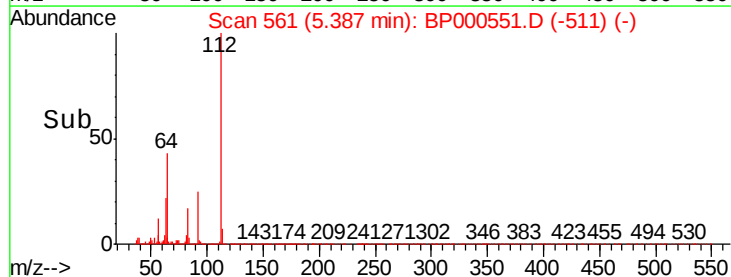
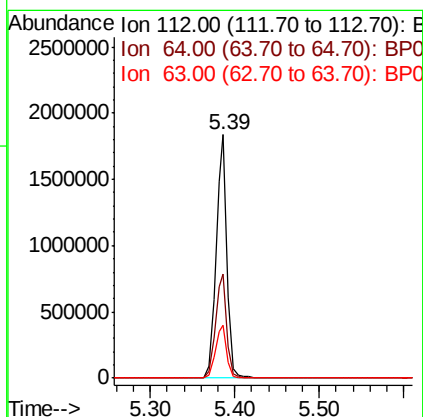
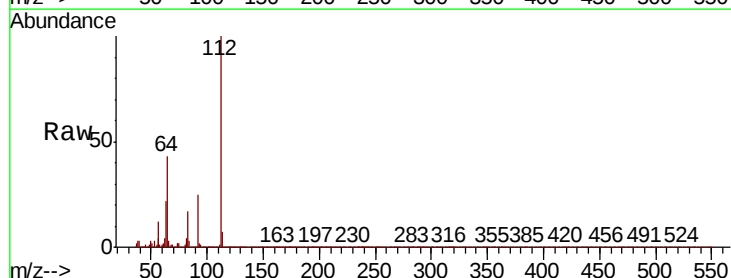
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	56.4	48.7	73.1

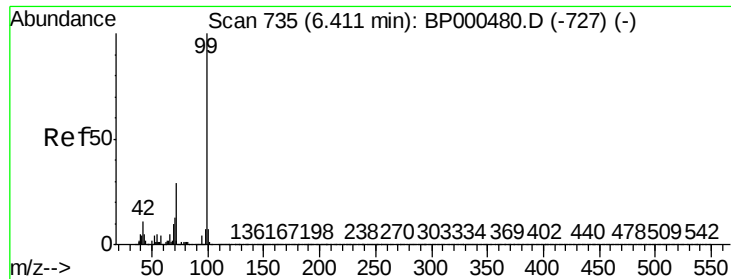


#5

2-Fluorophenol
Concen: 98.497 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.0	34.2	51.4
63	21.9	17.9	26.9





#7

Phenol-d6

Concen: 106.540 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

Instrument :

BNA_P

ClientSampleId :

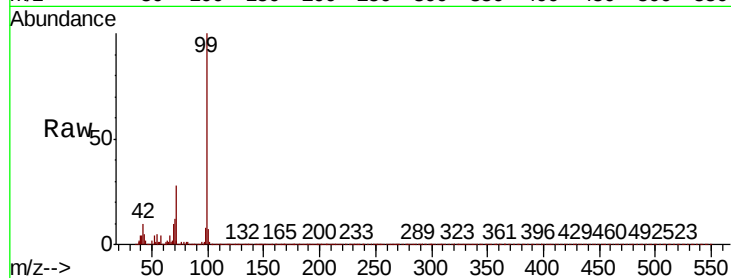
Tot Ion: 99 Resp: 2206184

Ion Ratio Lower Upper

99 100

42 10.3 8.6 12.8

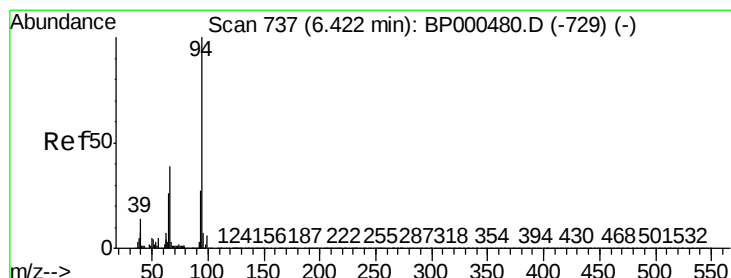
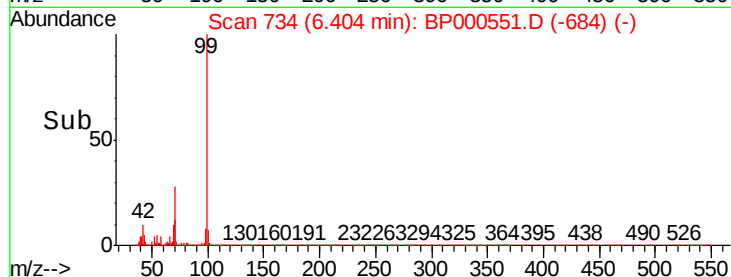
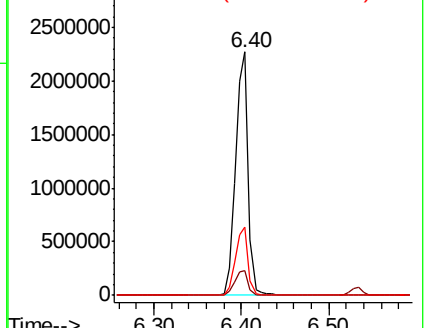
71 28.1 23.0 34.4



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



#10

Phenol

Concen: 4.030 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

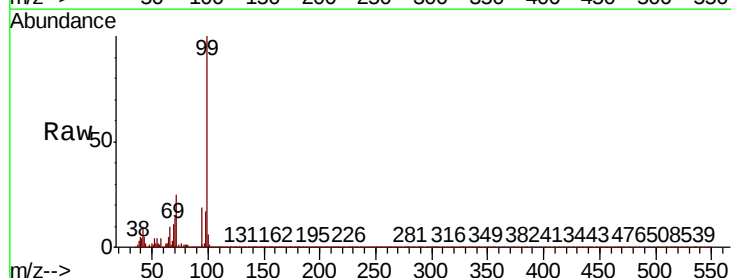
Tgt Ion: 94 Resp: 85450

Ion Ratio Lower Upper

94 100

65 27.9 5.9 45.9

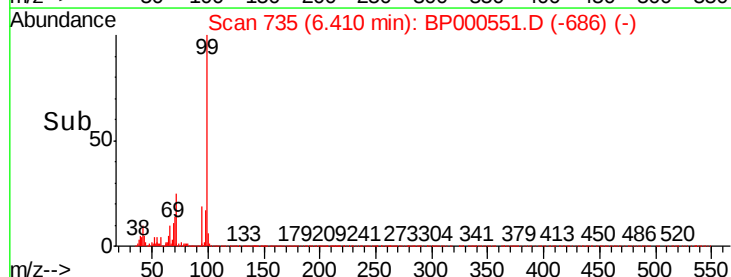
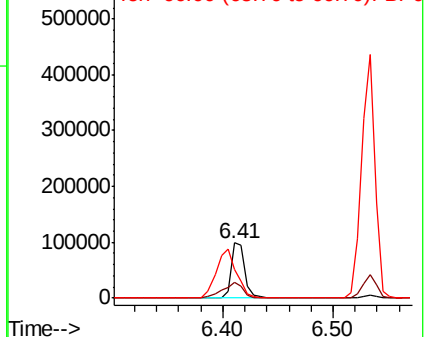
66 50.8 18.8 58.8

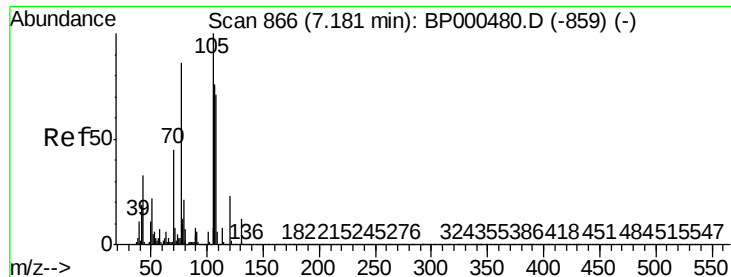


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

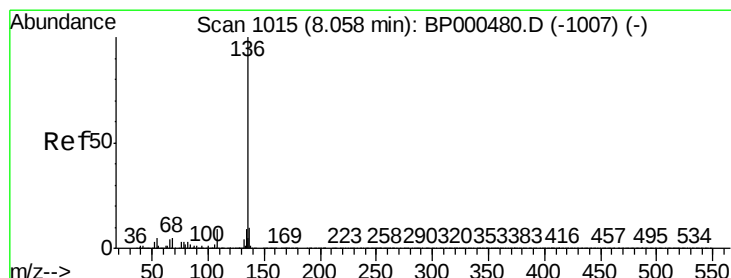
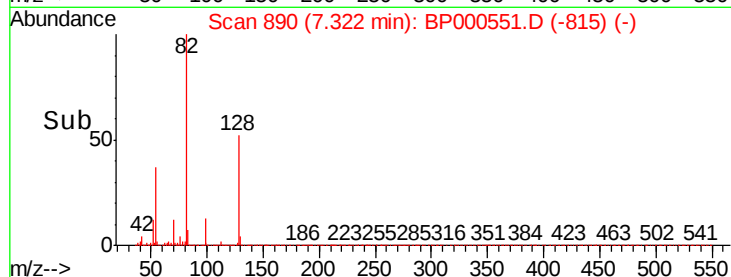
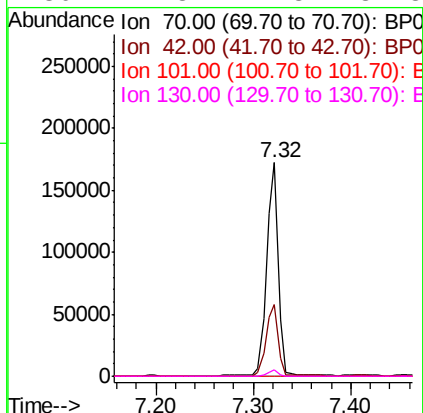
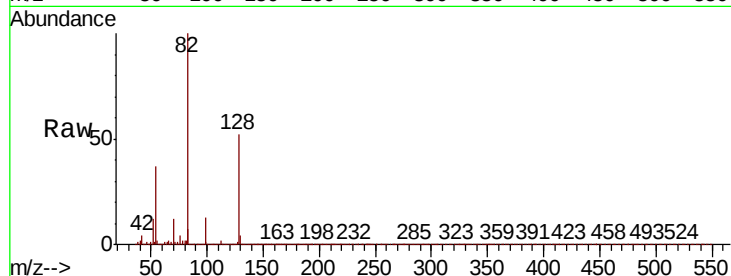




#19
n-Nitroso-di-n-propylamine
Concen: 15.348 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

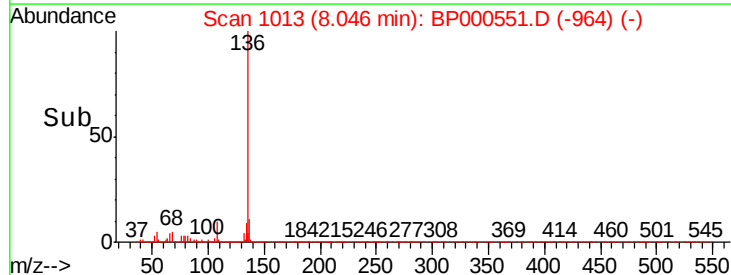
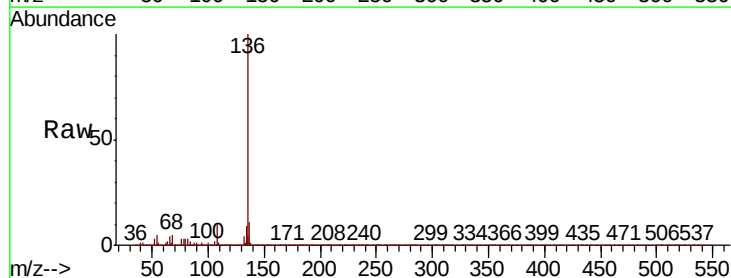
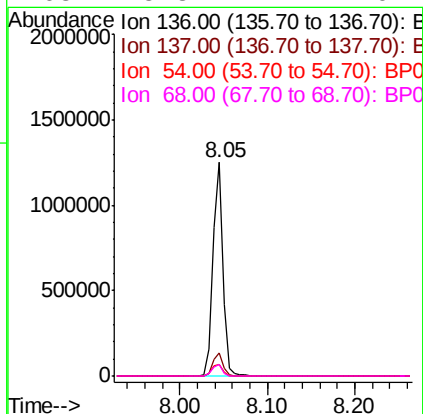
Instrument :
BNA_P
ClientSampled :

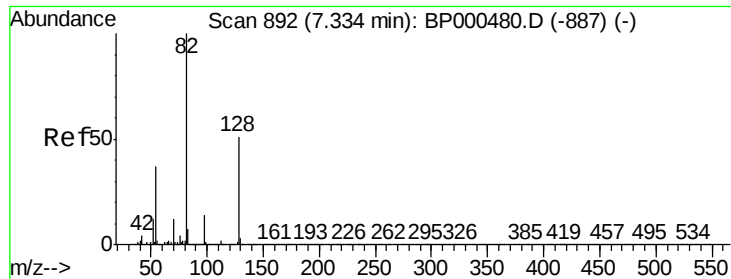
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.8	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.3	4.1	6.1
68	5.3	4.1	6.1

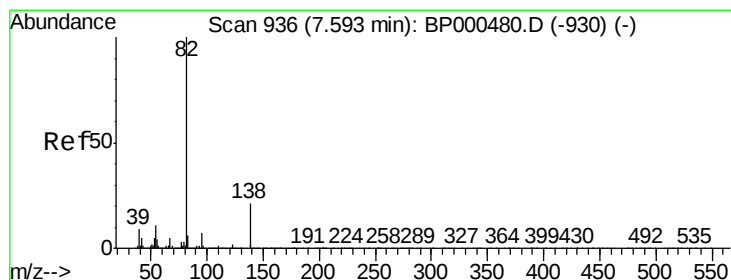
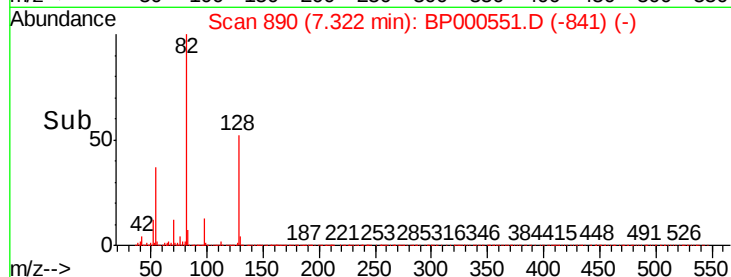
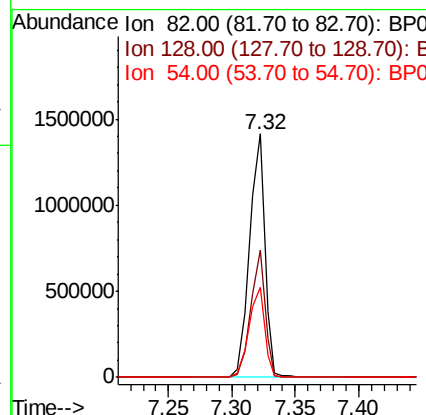
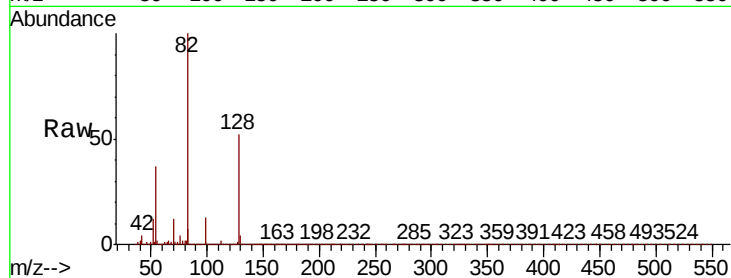




#23
 Nitrobenzene-d5
 Concen: 72.454 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BP000551.D
 Acq: 07 Oct 2019 18:32

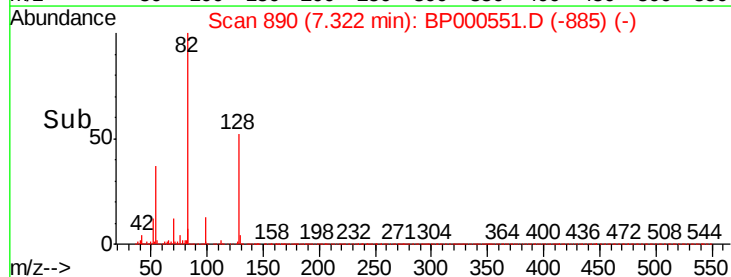
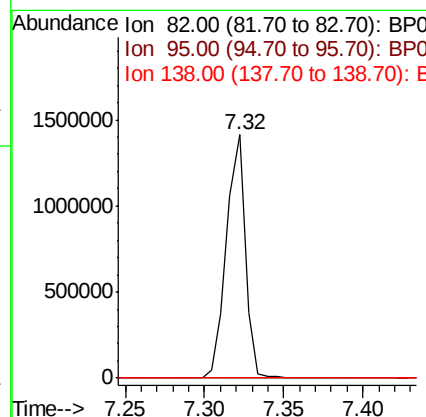
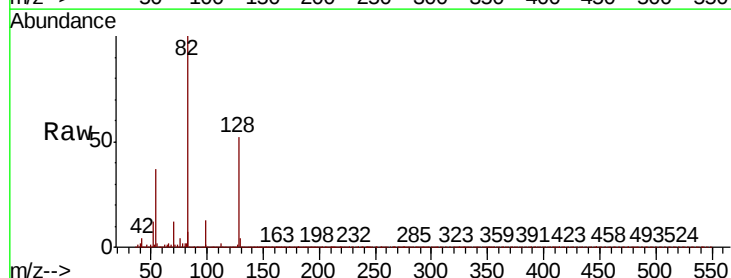
Instrument :
 BNA_P
 ClientSampleId :

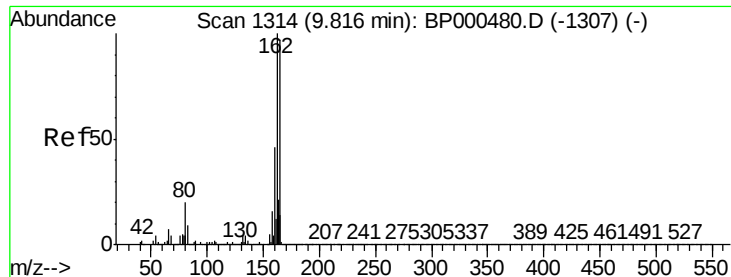
Tot Ion: 82 Resp: 1177379
 Ion Ratio Lower Upper
 82 100
 128 52.2 40.9 61.3
 54 37.2 29.4 44.2



#25
 Isophorone
 Concen: 40.753 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.27 min
 Lab File: BP000551.D
 Acq: 07 Oct 2019 18:32

Tgt Ion: 82 Resp: 1175351
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.8 8.6#
 138 0.0 17.0 25.4#

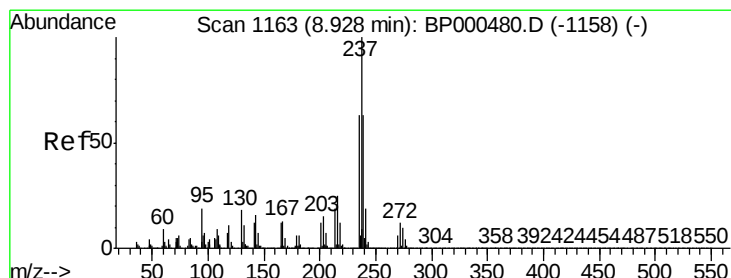
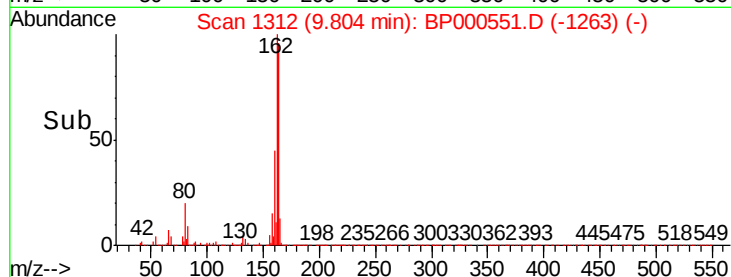
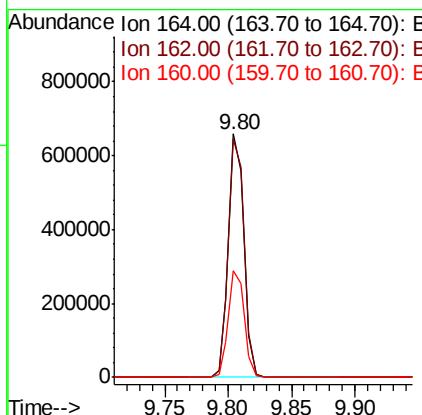
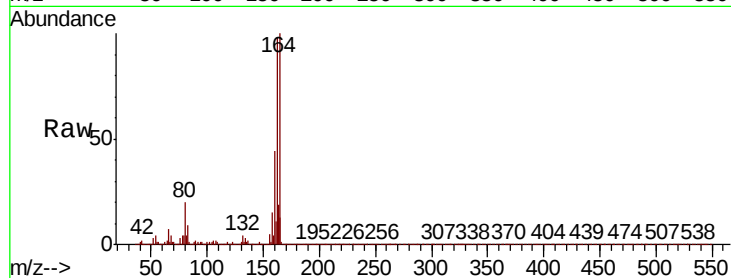




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

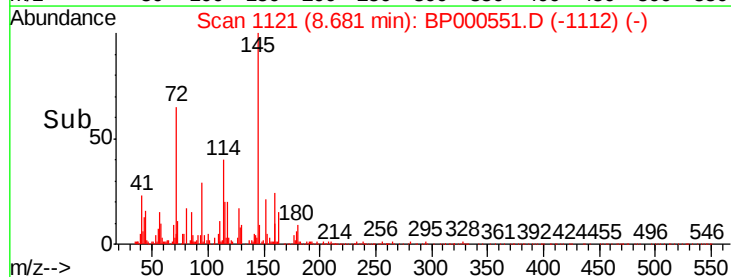
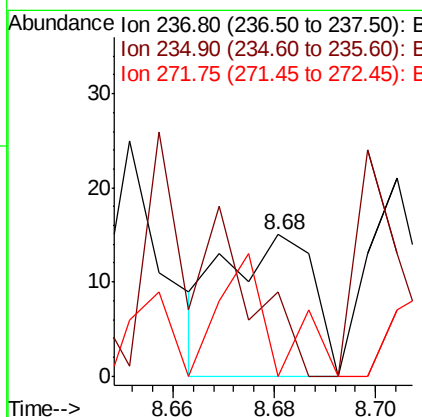
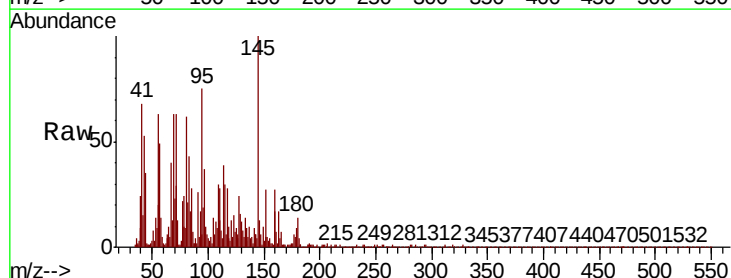
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BNA_P
ClientSampleId :

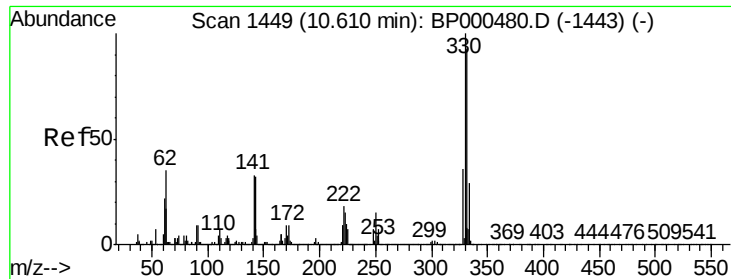
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.2	123.2
160	43.7	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.25 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.0	42.9	82.9
272	0.0	0.0	32.4

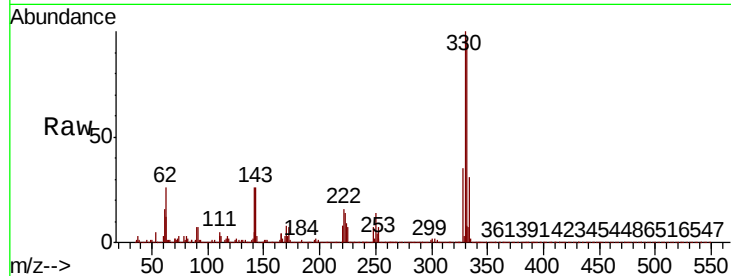




#42
2,4,6-Tribromophenol
Concen: 100.578 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	32.2	26.0	39.0

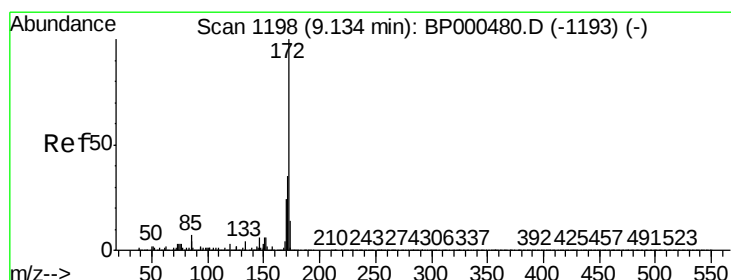
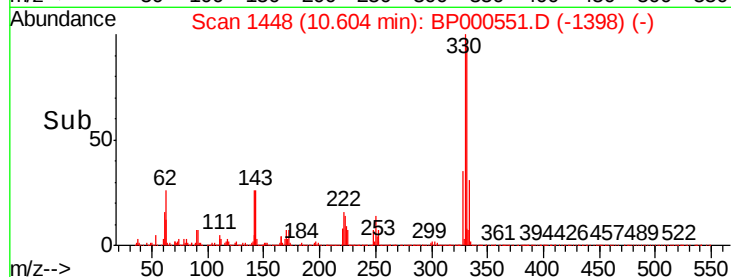
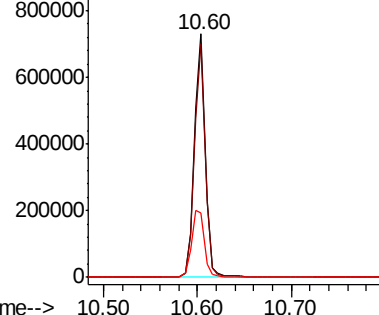


Abundance

Ion 329.80 (329.50 to 330.50): E

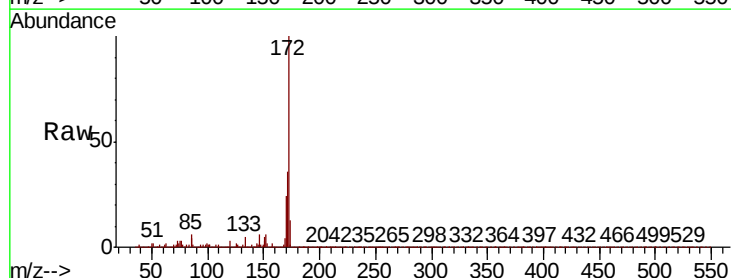
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 71.492 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.5	19.1	28.7

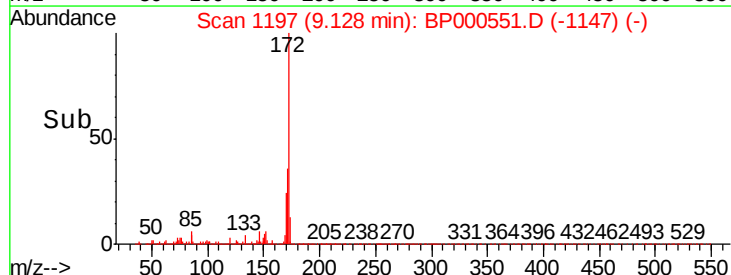
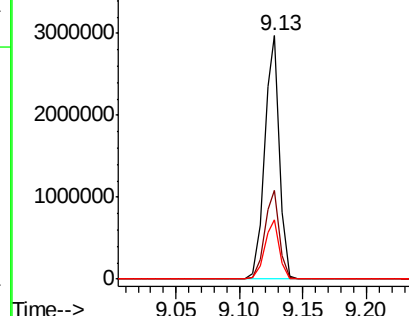


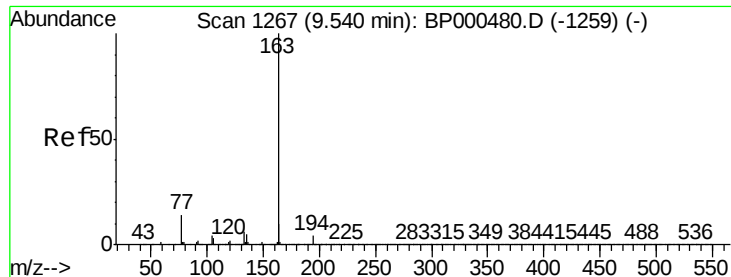
Abundance

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

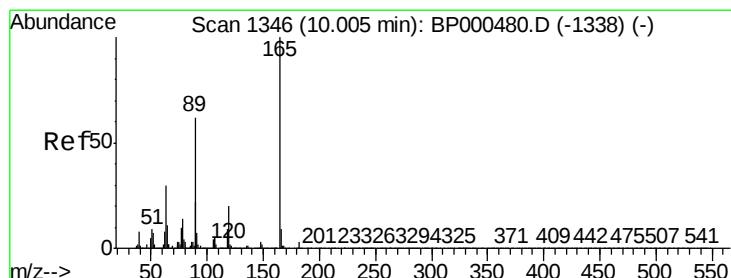
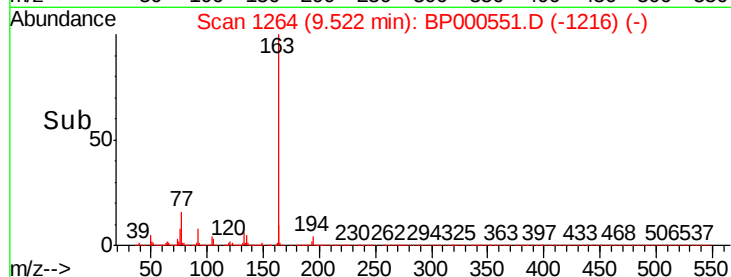
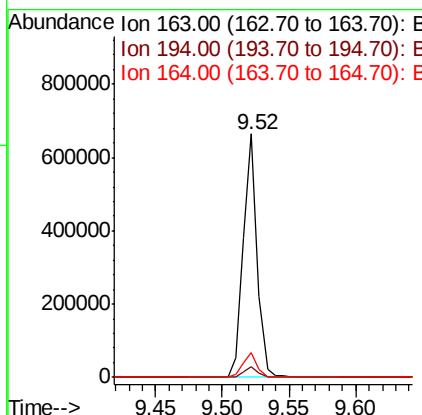
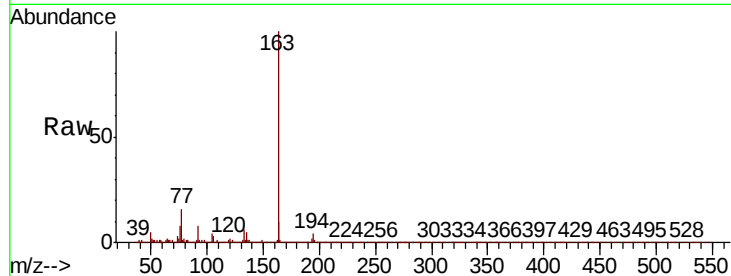




#50
Dimethylphthalate
Concen: 12.445 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

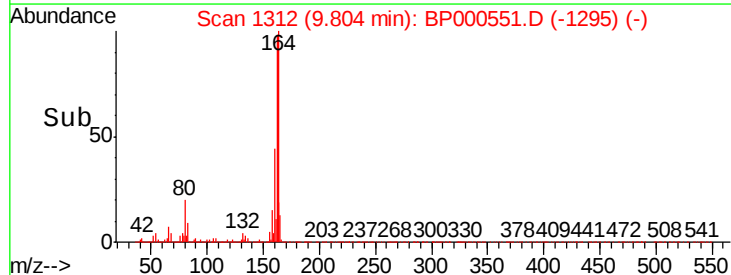
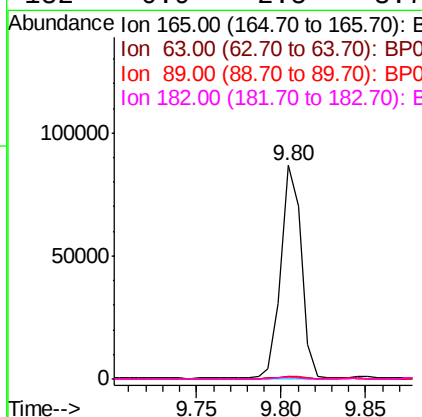
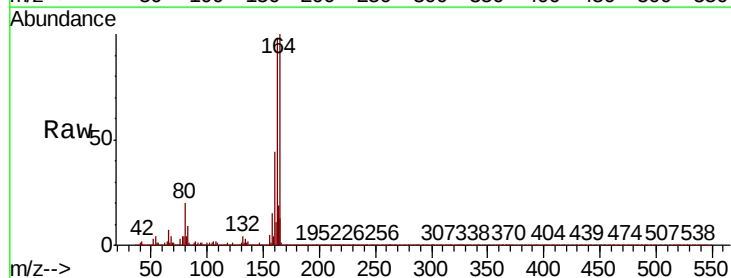
Instrument :
BNA_P
ClientSampled :

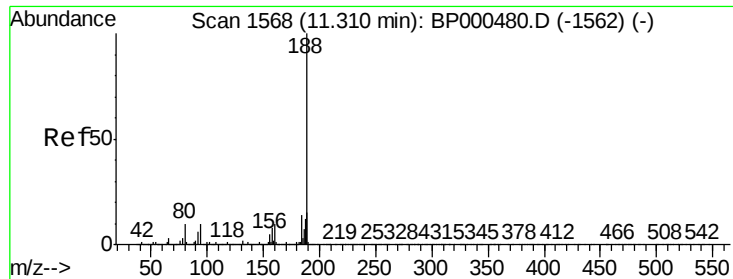
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.548 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.4	49.4	74.0#
182	0.9	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: BP000551.D

Acq: 07 Oct 2019 18:32

Instrument :

BNA_P

ClientSampleId :

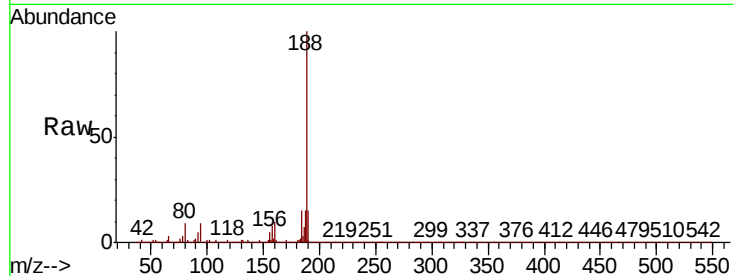
Tot Ion:188 Resp: 1001706

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.3	8.3	12.5

188 100

94 9.4 8.2 12.2

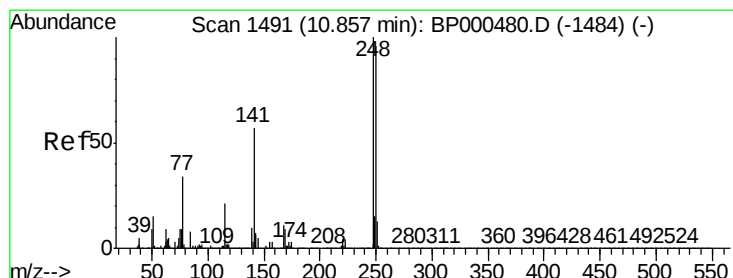
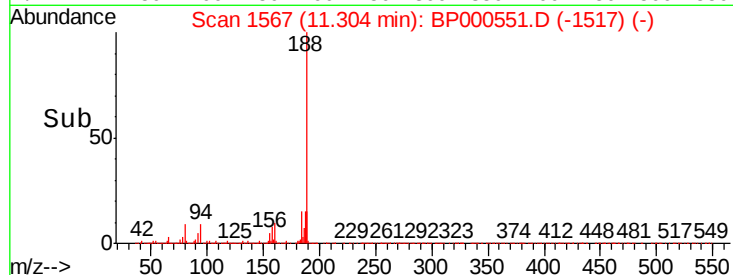
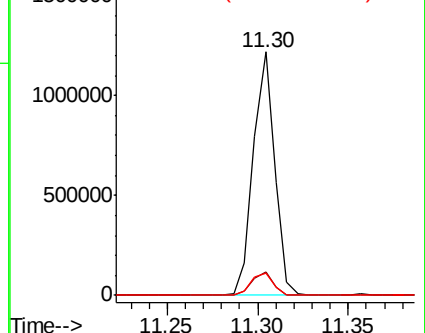
80 9.3 8.3 12.5



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: 3.689 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

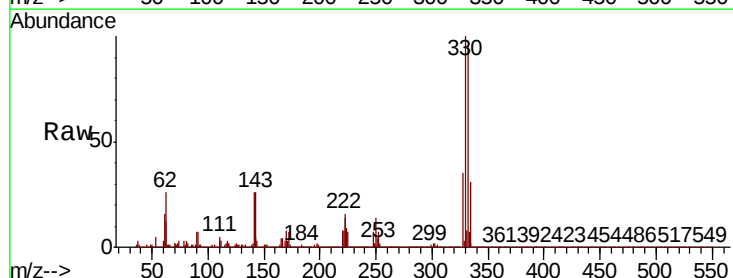
Tgt Ion:248 Resp: 41593

Ion	Ratio	Lower	Upper
248	100		
250	204.3	77.2	115.8#
141	400.1	45.3	67.9#

248 100

250 204.3 77.2 115.8#

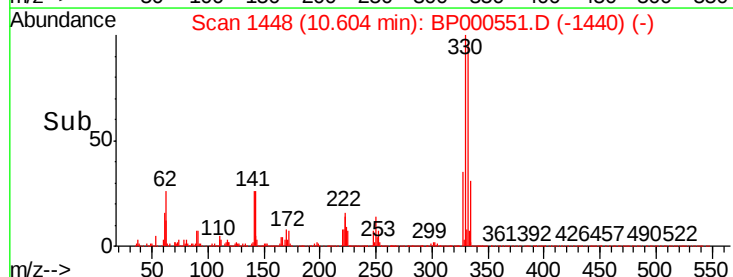
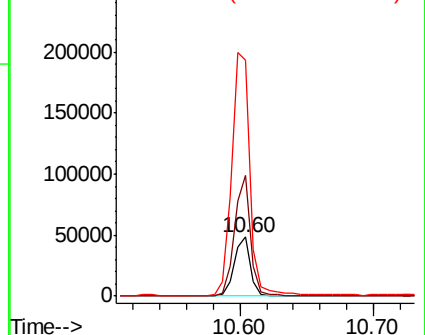
141 400.1 45.3 67.9#

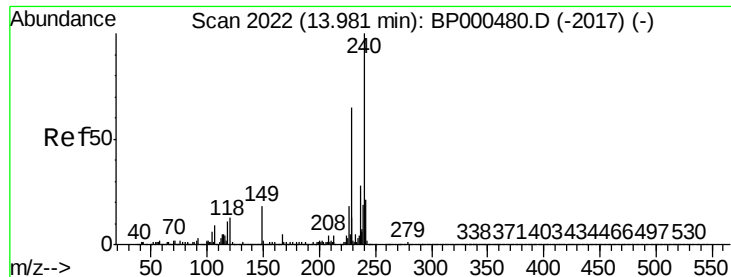


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

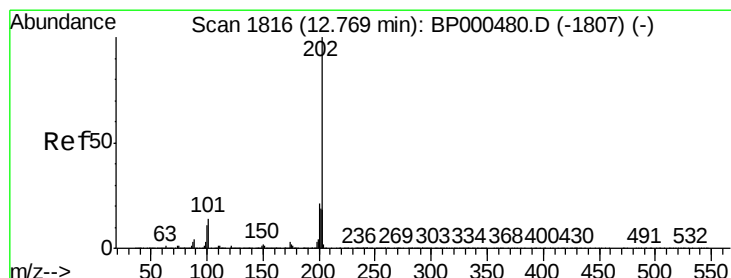
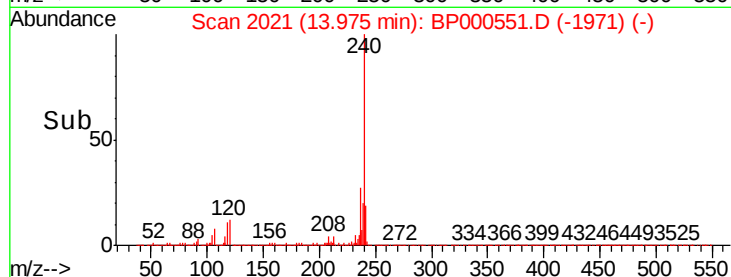
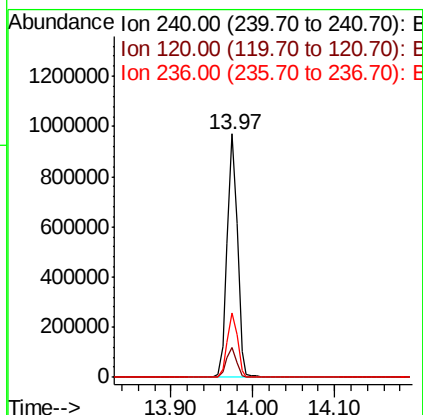
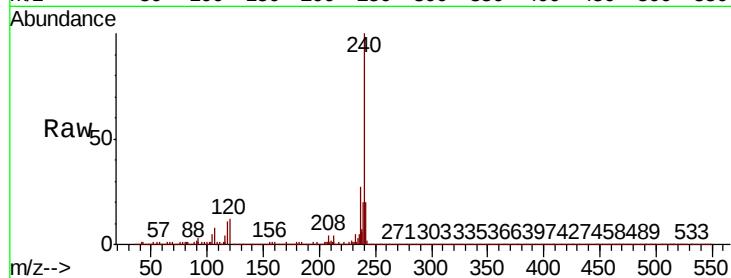




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

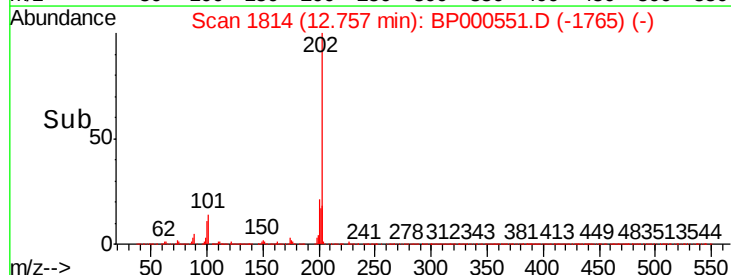
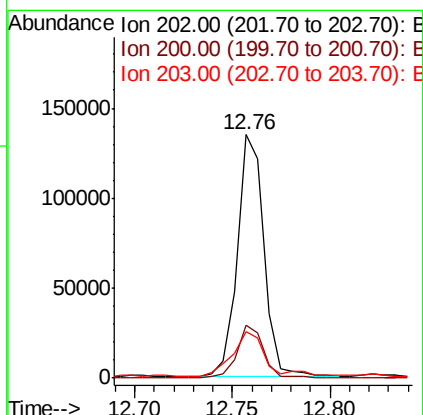
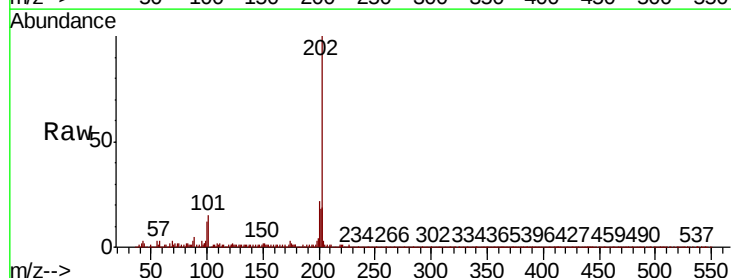
Instrument :
BNA_P
ClientSampleId :

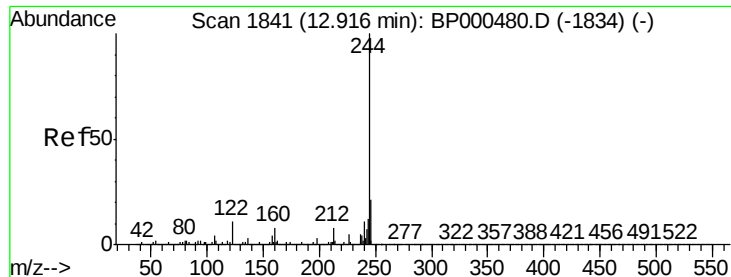
Tot Ion:240 Resp: 847702
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 26.5 22.7 34.1



#78
Pyrene
Concen: 2.172 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion:202 Resp: 127010
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 19.2 14.6 21.8

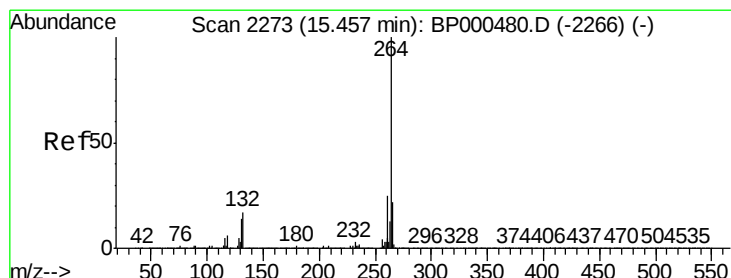
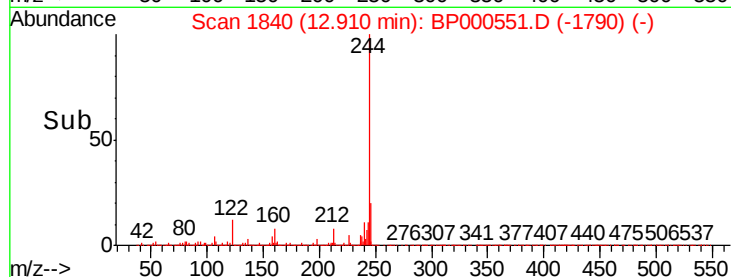
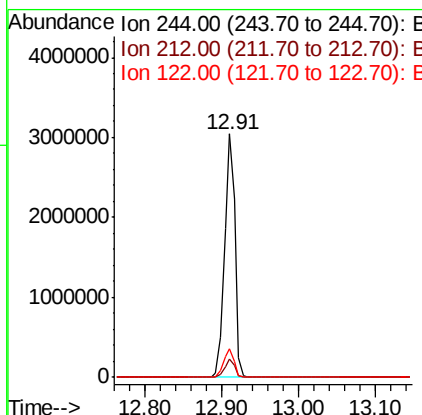
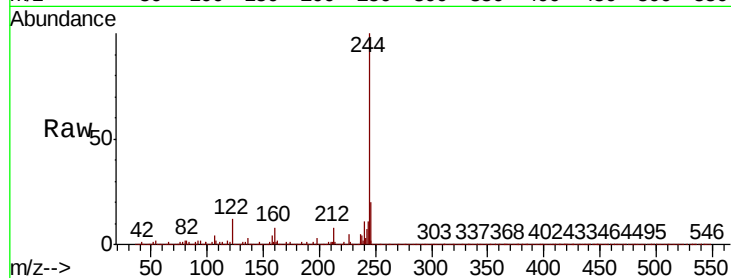




#79
Terphenyl-d14
Concen: 67.544 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

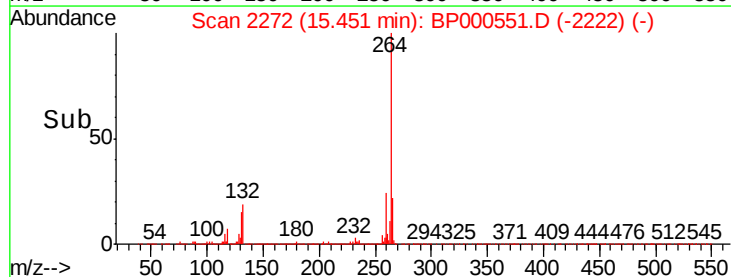
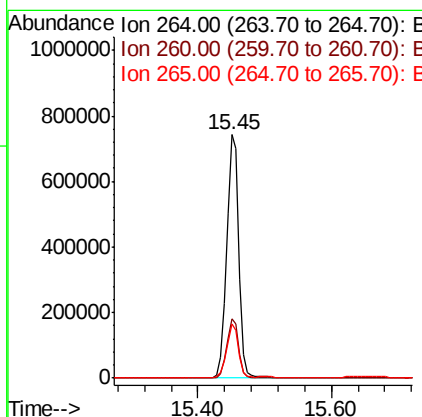
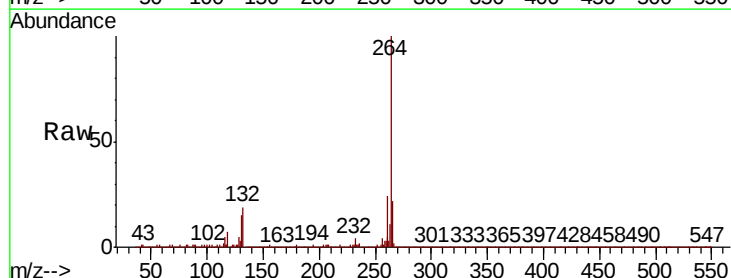
Instrument :
BNA_P
ClientSampleId :

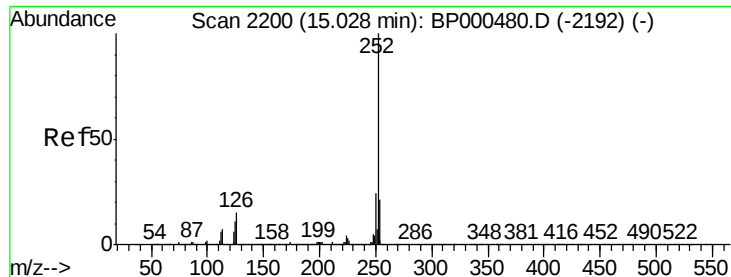
Tot Ion:244 Resp: 2827916
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.0 8.9 13.3



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion:264 Resp: 942876
Ion Ratio Lower Upper
264 100
260 24.5 20.3 30.5
265 22.2 18.0 27.0

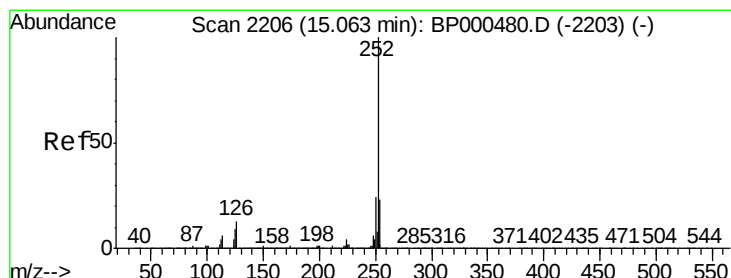
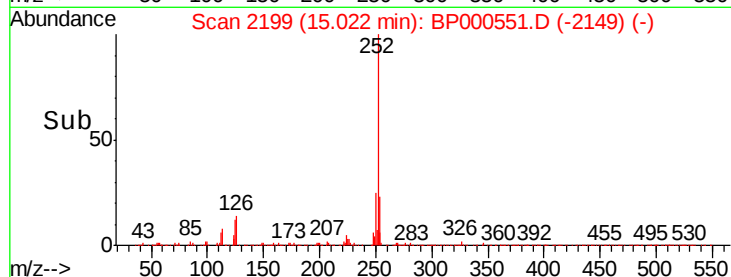
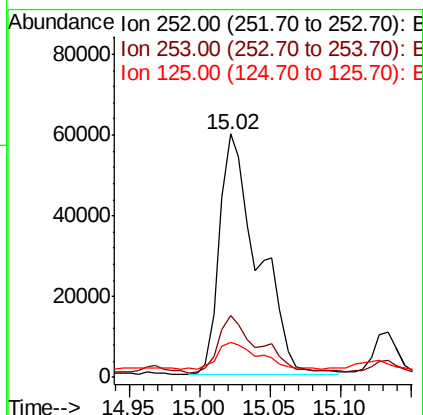
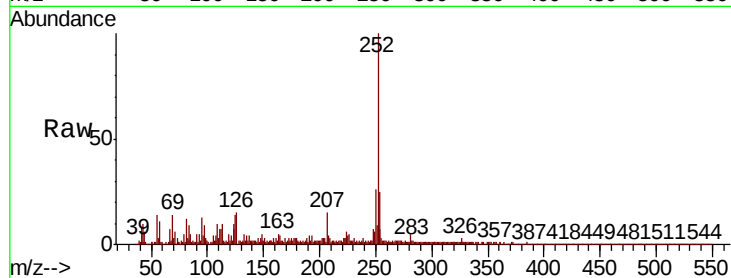




#88
Benzo(b)fluoranthene
Concen: 2.125 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.4
125	14.5	8.9	13.3



#89
Benzo(k)fluoranthene
Concen: 2.232 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	14.5	7.8	11.8

