

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000453.D
 Acq On : 27 Sep 2019 13:30
 Operator : JU
 Sample : K4657-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:07:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

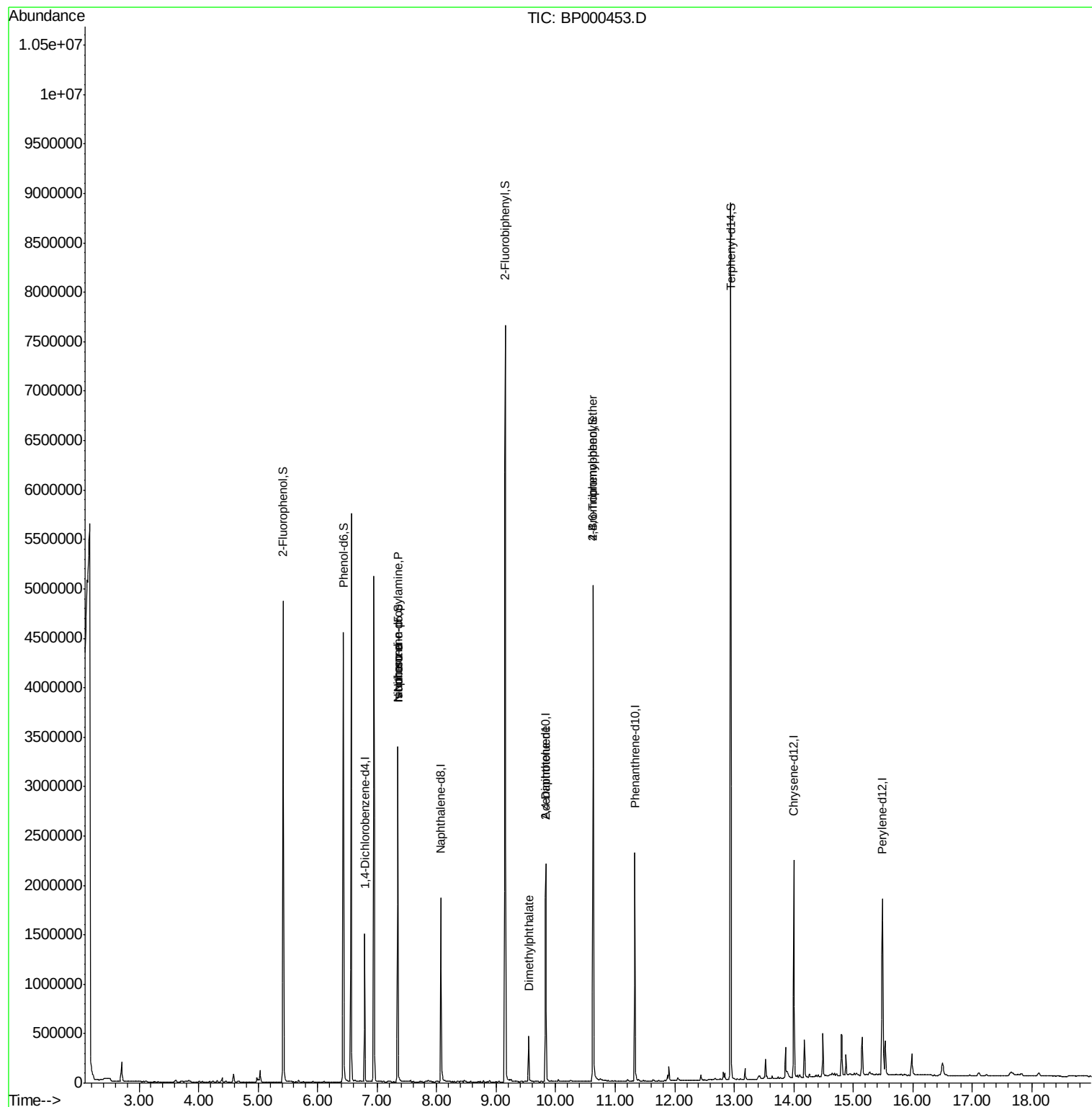
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	223299	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	804370	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	450264	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	842929	20.00	ng	0.00
76) Chrysene-d12	14.00	240	765604	20.00	ng	0.00
87) Perylene-d12	15.49	264	851521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1559558	120.57	ng	0.02
7) Phenol-d6	6.43	99	1945883	122.73	ng	0.01
23) Nitrobenzene-d5	7.35	82	1111485	89.15	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	624201	139.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2376471	94.99	ng	0.00
79) Terphenyl-d14	12.94	244	3040889	83.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2845	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.35	70	137355	16.385 ng	#	1
25) Isophorone	7.35	82	1111322	45.017 ng	#	75
50) Dimethylphthalate	9.55	163	197608	6.442 ng	#	63
57) 2,4-Dinitrotoluene	9.83	165	58178	6.598 ng	#	99
67) 4-Bromophenyl-phenylether	10.63	248	43805	4.596 ng	#	35
69) Atrazine	11.16	200	44	Below Cal	#	1

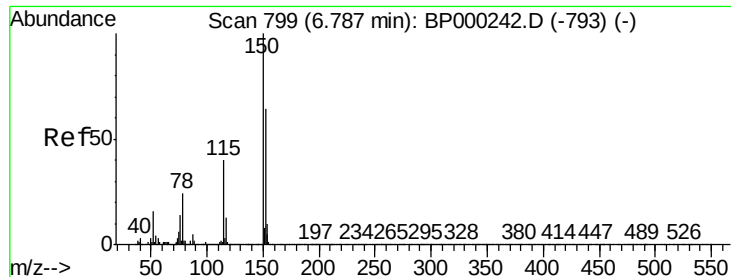
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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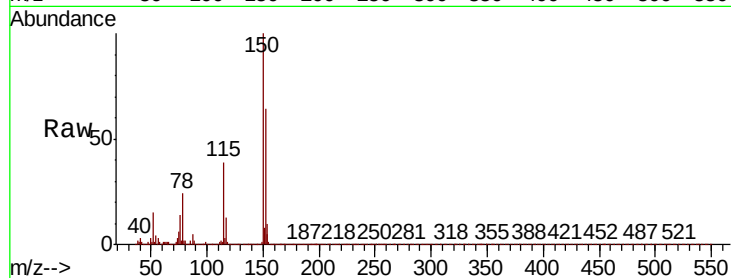


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	60.3	49.7	74.5

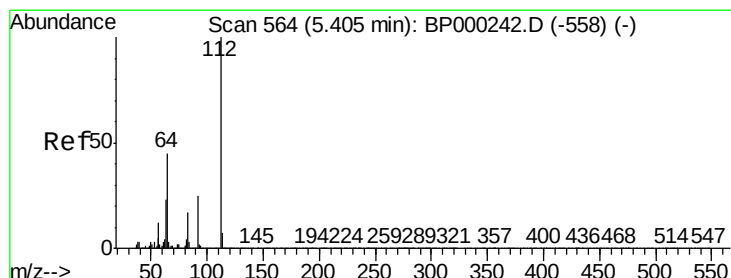
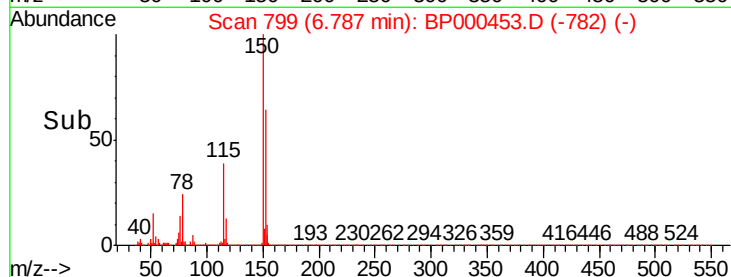
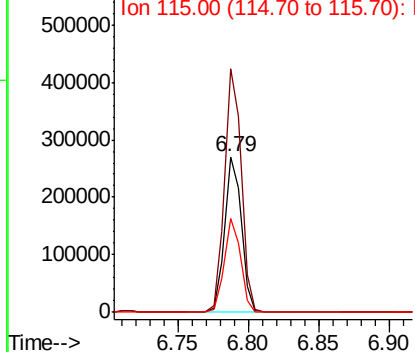


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

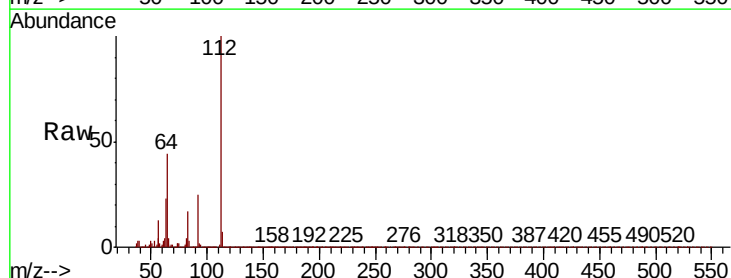
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.571 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.4	36.2	54.4
63	22.7	18.3	27.5

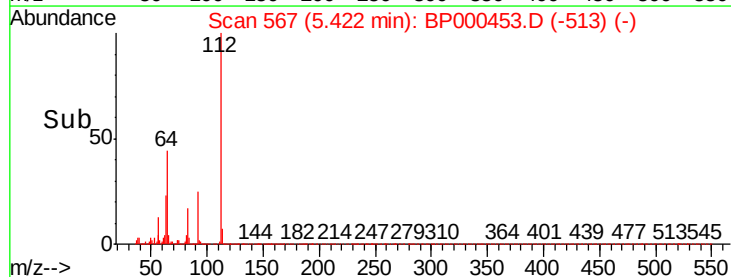
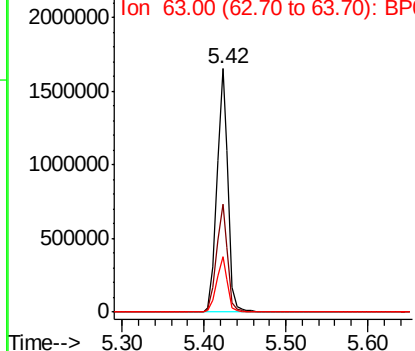


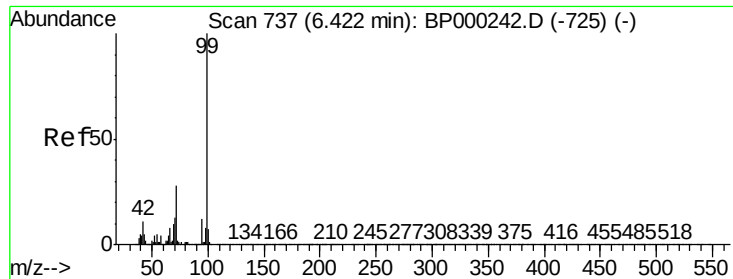
Abundance

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: 122.728 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

Instrument :

BNA_P

ClientSampled :

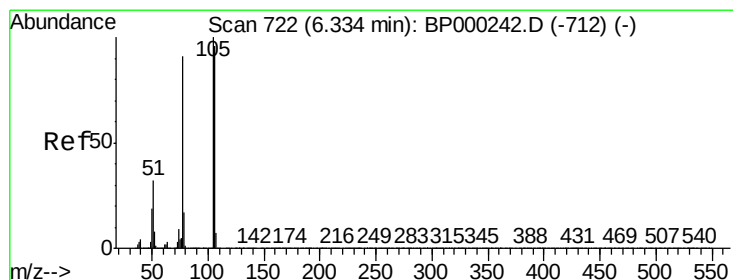
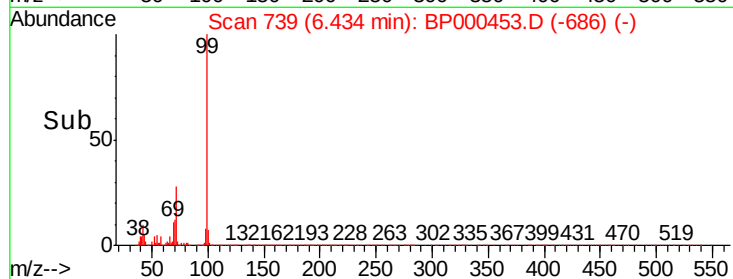
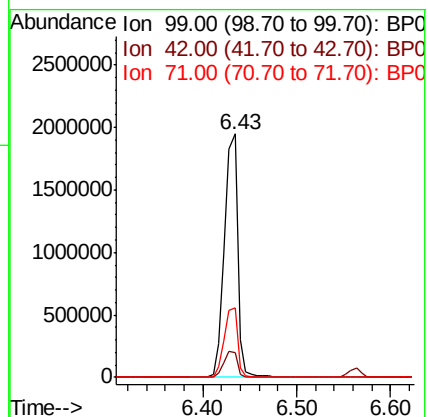
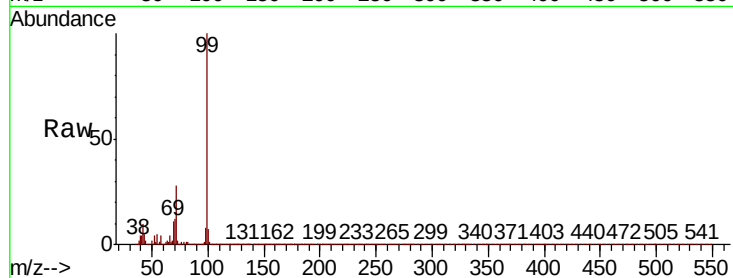
Tot Ion: 99 Resp: 1945883

Ion Ratio Lower Upper

99 100

42 10.2 8.5 12.7

71 28.4 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

Delta R.T. 0.10 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

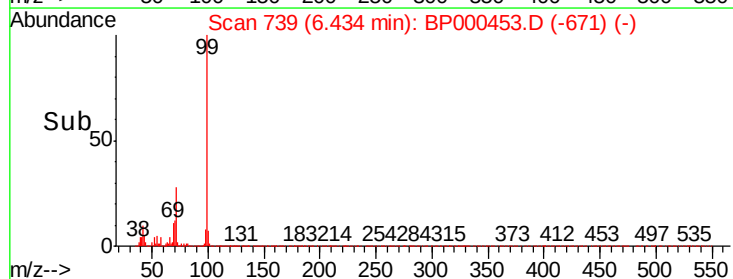
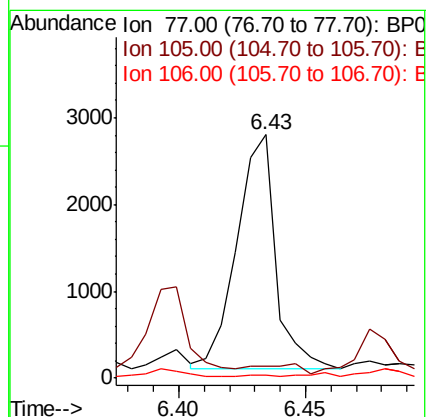
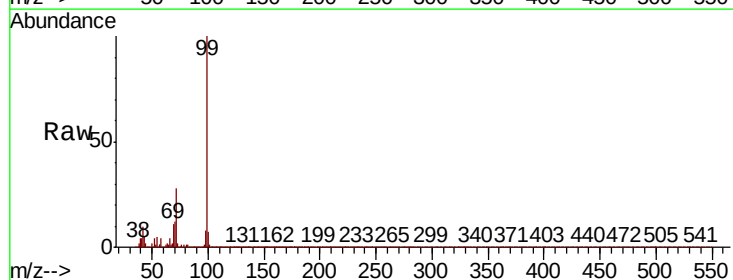
Tgt Ion: 77 Resp: 2845

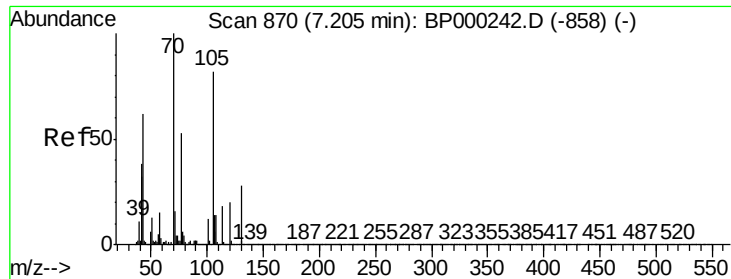
Ion Ratio Lower Upper

77 100

105 5.0 89.6 129.6#

106 1.0 84.6 124.6#

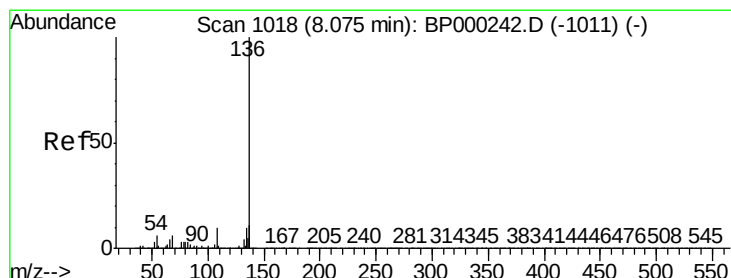
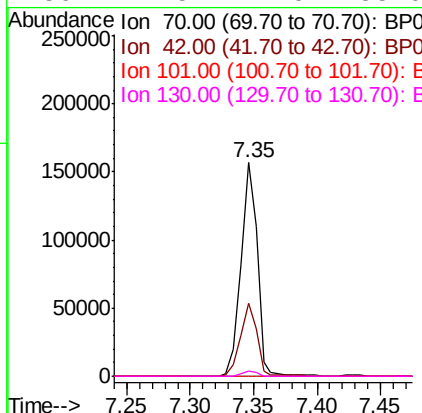
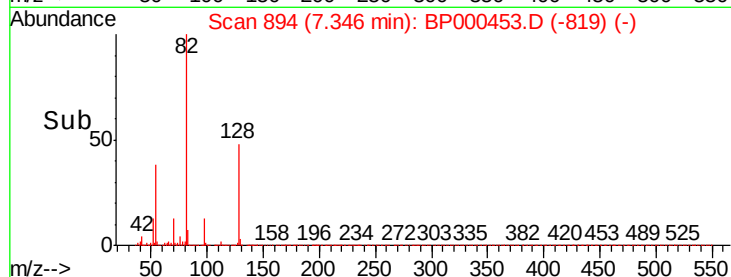
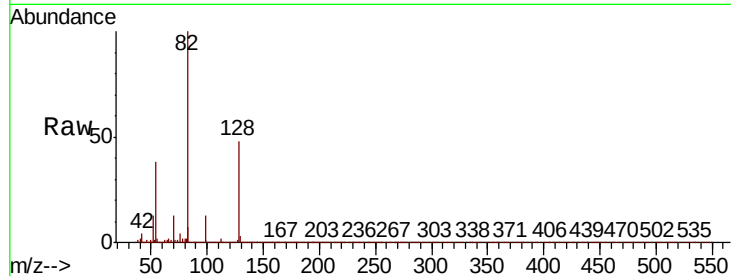




#19
n-Nitroso-di-n-propylamine
Concen: 16.385 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

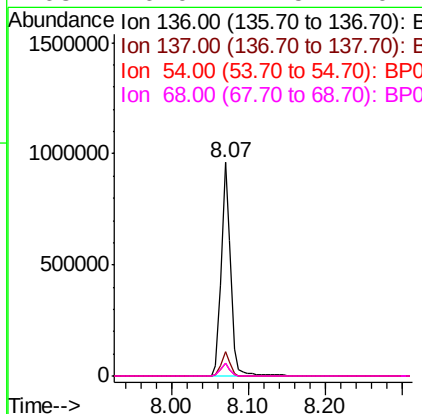
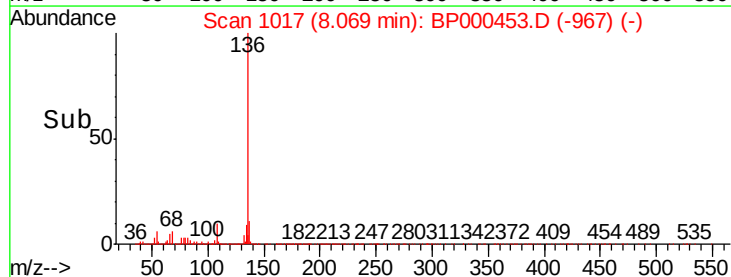
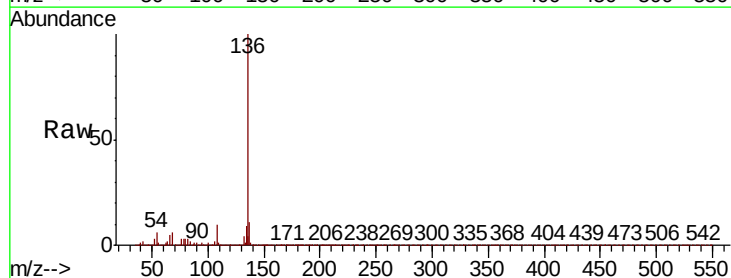
Instrument :
BNA_P
ClientSampled :

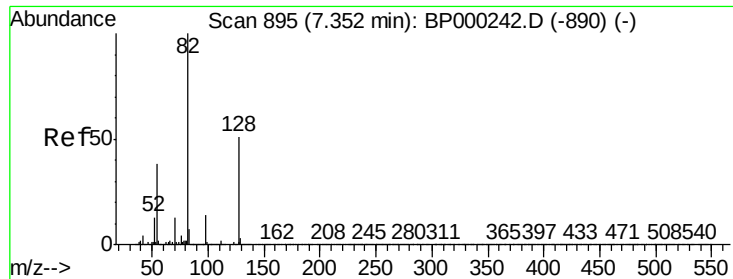
Tot Ion:	70	Resp:	137355
Ion	Ratio	Lower	Upper
70	100		
42	34.2	30.7	46.1
101	0.1	9.6	14.4#
130	2.5	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Tgt Ion:	136	Resp:	804370
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.0	4.5	6.7
68	6.0	4.5	6.7



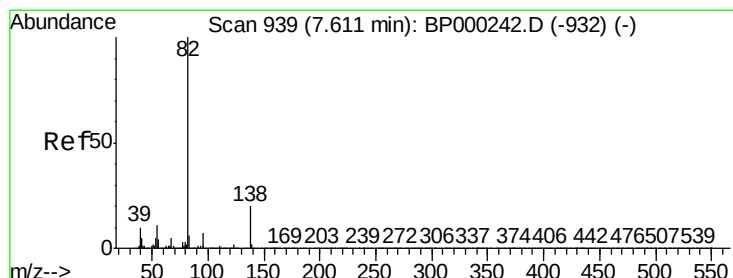
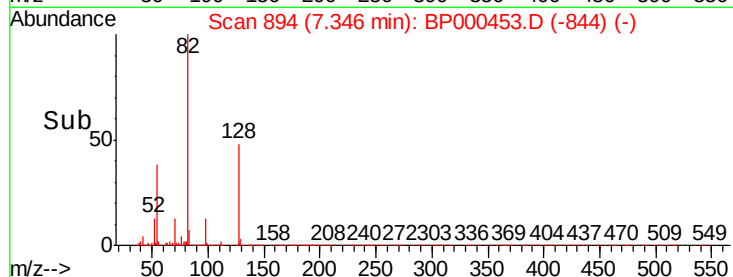
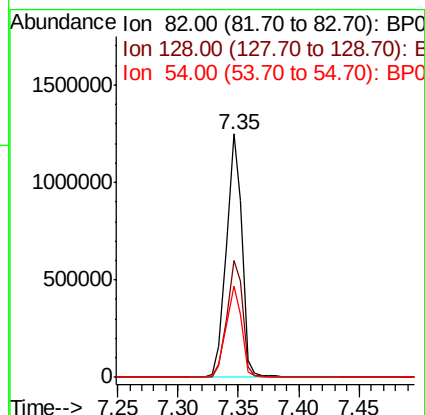
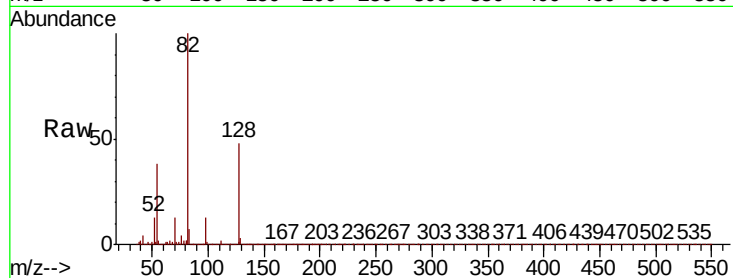


#23
 Nitrobenzene-d5
 Concen: 89.154 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Instrument :
 BNA_P
 ClientSampled :

Tot Ion: 82 Resp: 1111485

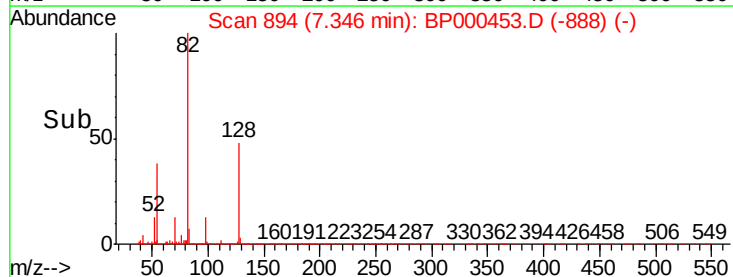
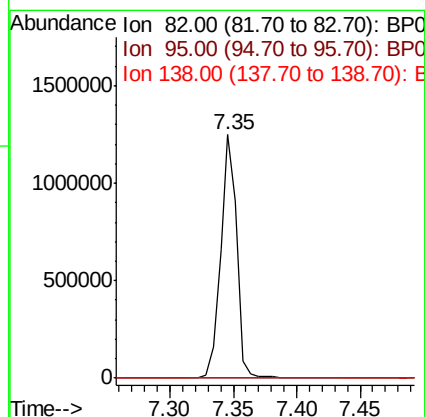
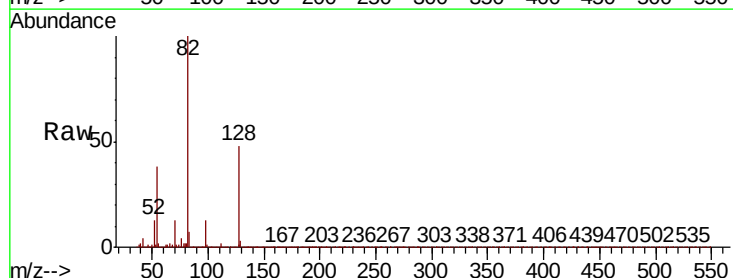
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.7	61.1
54	37.7	30.1	45.1

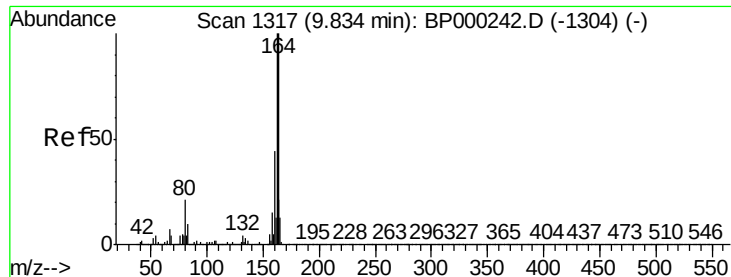


#25
 Isophorone
 Concen: 45.017 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Tgt Ion: 82 Resp: 1111322

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.9	23.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

Instrument :

BNA_P

ClientSampleId :

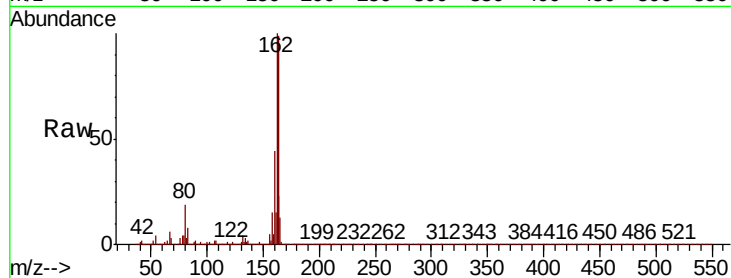
Tot Ion:164 Resp: 450264

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

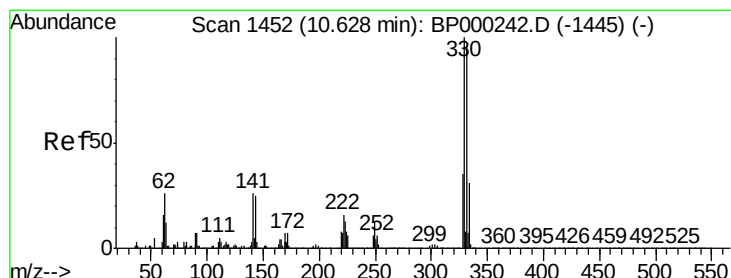
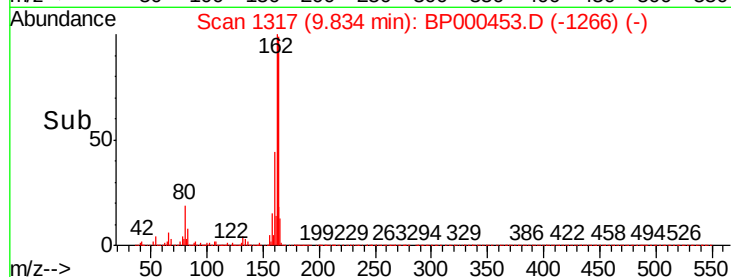
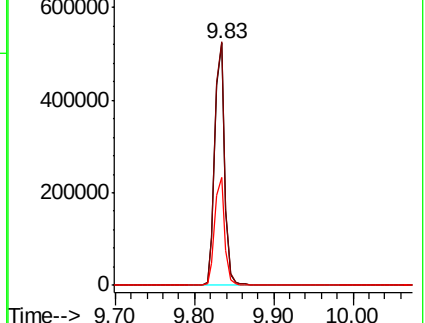
160 44.4 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 139.767 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

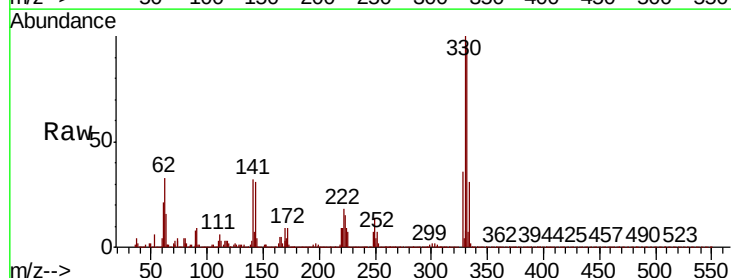
Tgt Ion:330 Resp: 624201

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

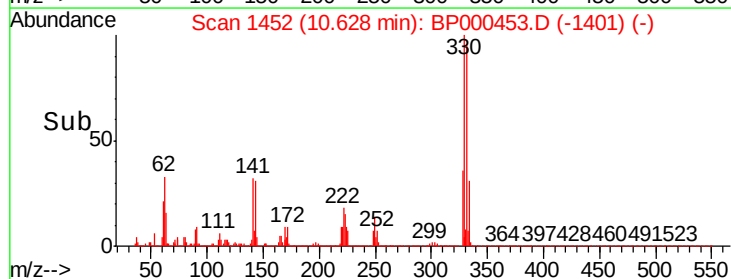
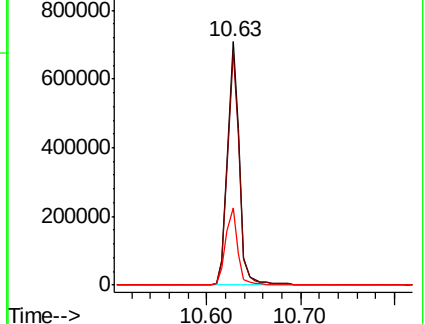
141 32.5 26.5 39.7

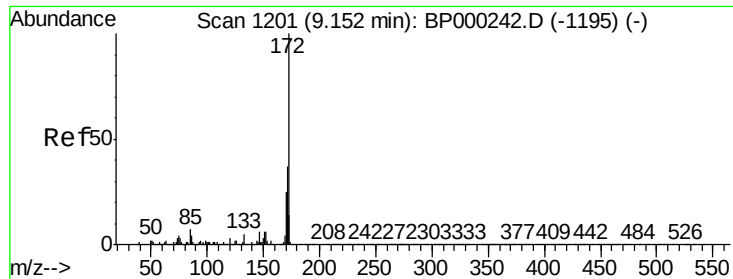


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

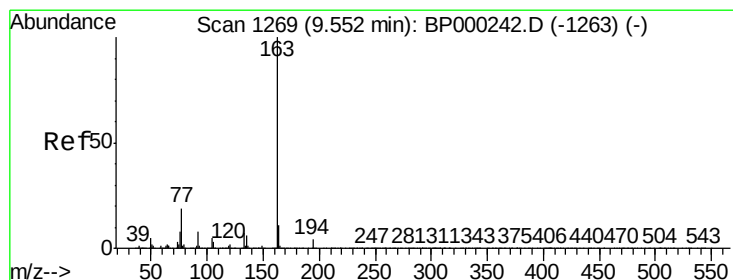
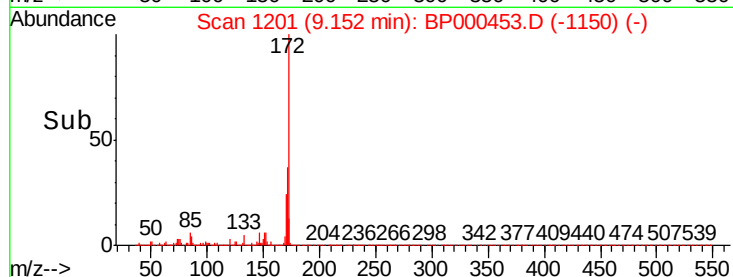
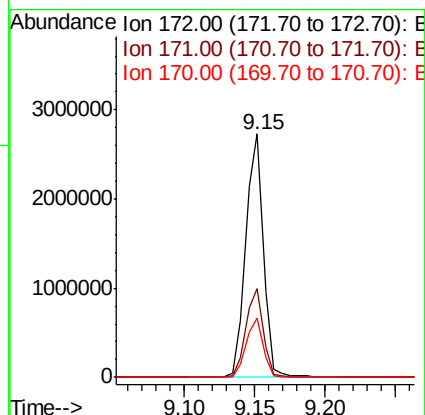
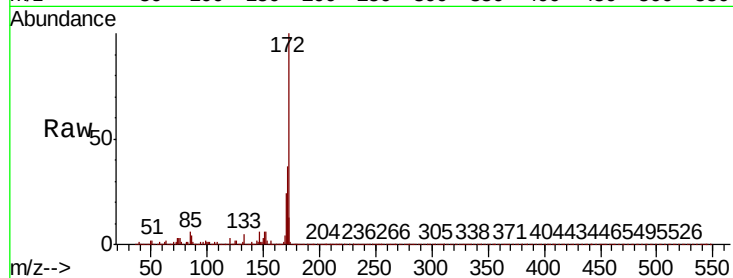




#45
2-Fluorobiphenyl
Concen: 94.993 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

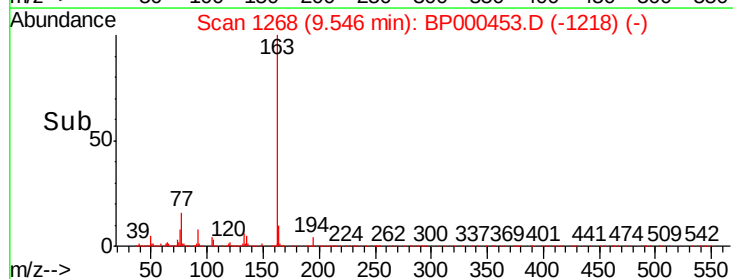
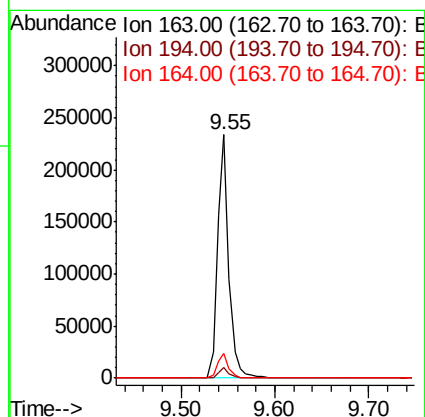
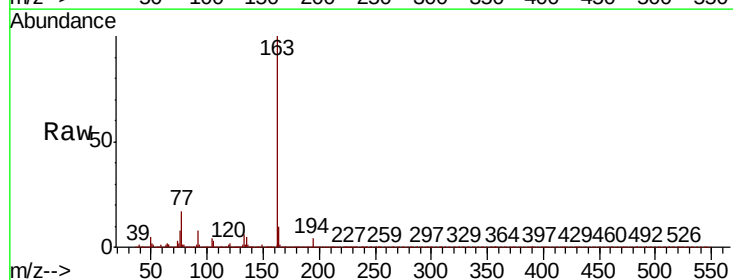
Instrument :
BNA_P
ClientSampleId :

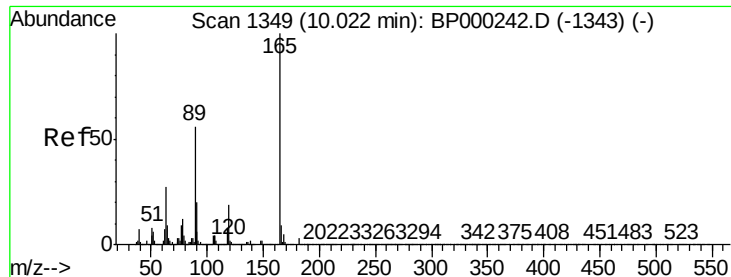
Tot Ion:172 Resp: 2376471
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.3 19.8 29.6



#50
Dimethylphthalate
Concen: 6.442 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Tgt Ion:163 Resp: 197608
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.5 12.7





#57

2,4-Dinitrotoluene

Concen: 6.598 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000453.D

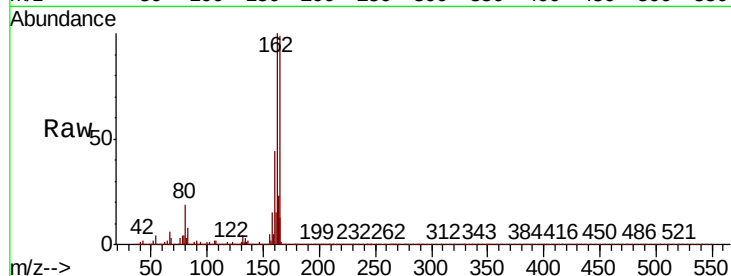
Acq: 27 Sep 2019 13:30

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165	Resp:	58178
Ion Ratio	Lower	Upper
165	100	
63	0.9	21.7 32.5#
89	1.3	45.0 67.6#
182	0.0	2.4 3.6#



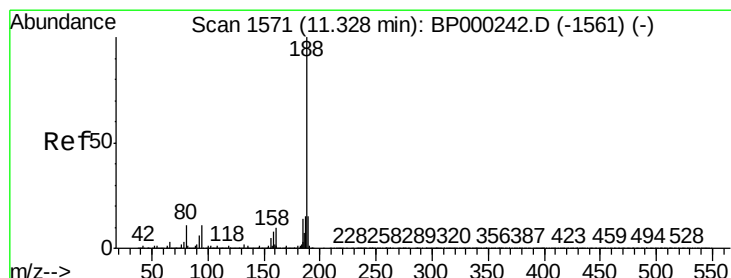
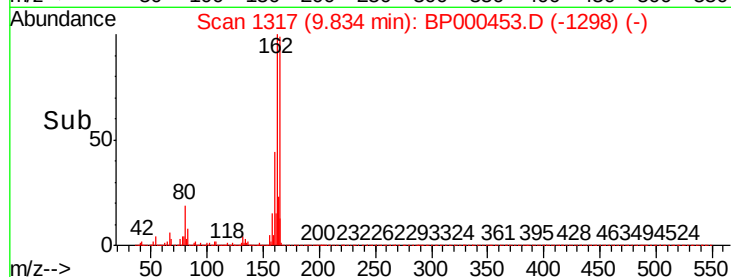
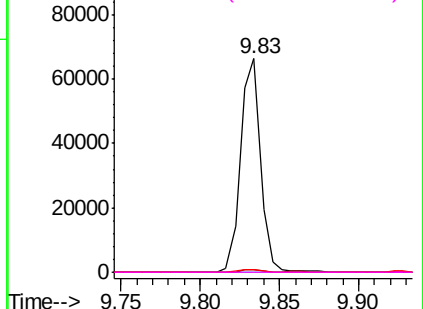
Abundance

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

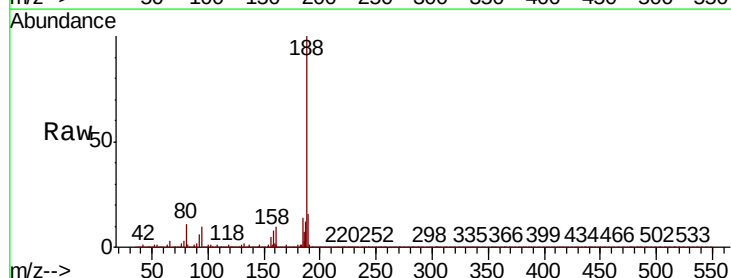
RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

Tgt Ion:188	Resp:	842929
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	10.7	8.6 13.0

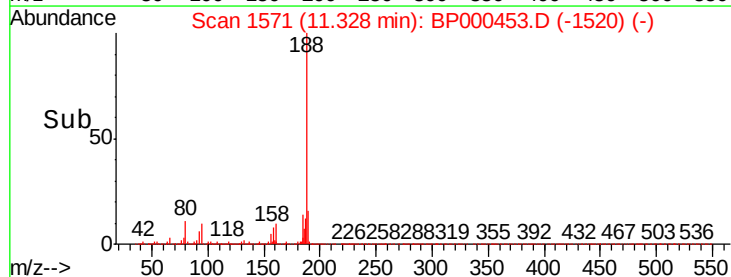
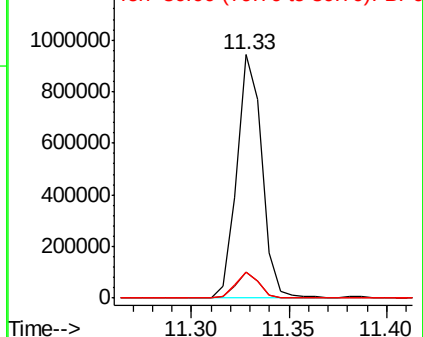


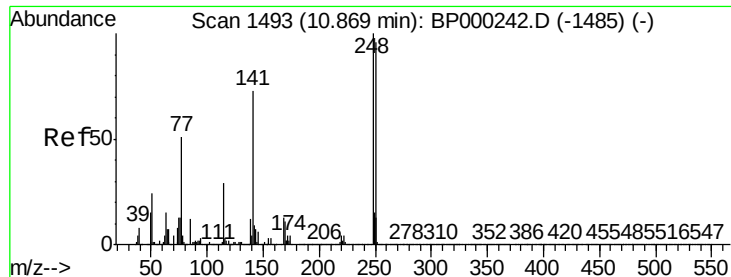
Abundance

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

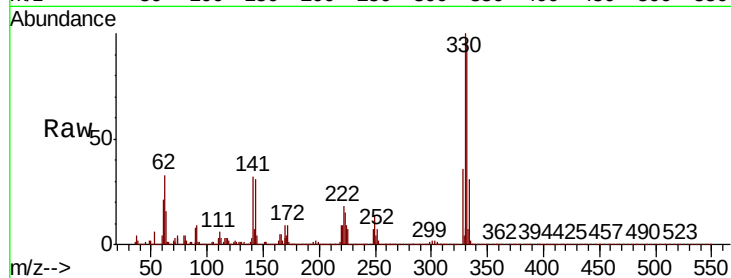




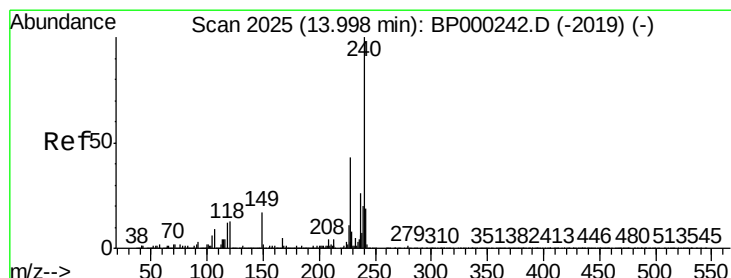
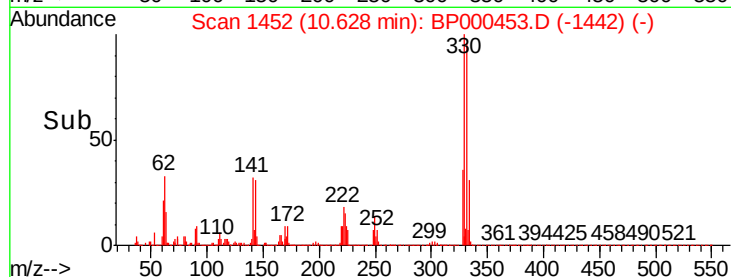
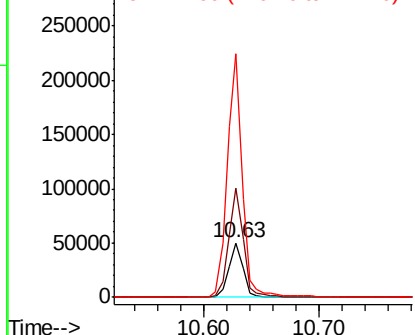
#67
4-Bromophenyl-phenylether
Concen: 4.596 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_P
ClientSampled :

Tot Ion:248 Resp: 43805
Ion Ratio Lower Upper
248 100
250 200.5 77.0 115.4#
141 446.4 58.5 87.7#

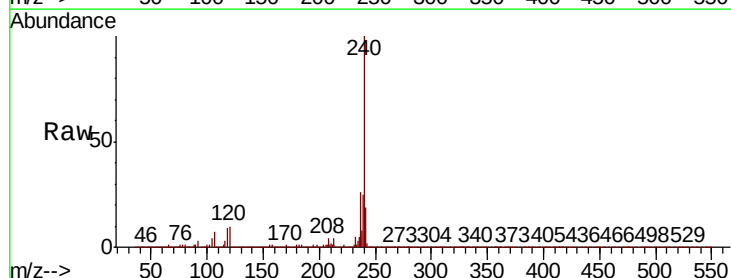


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

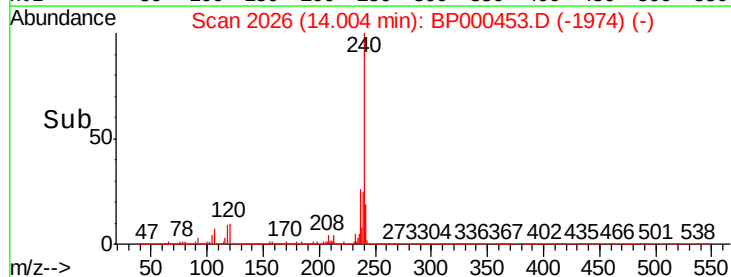
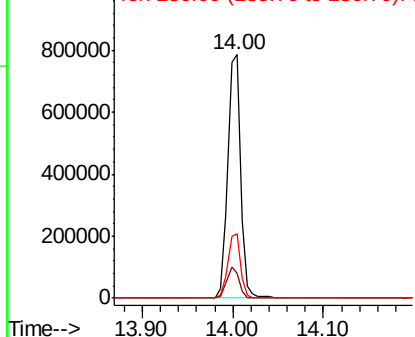


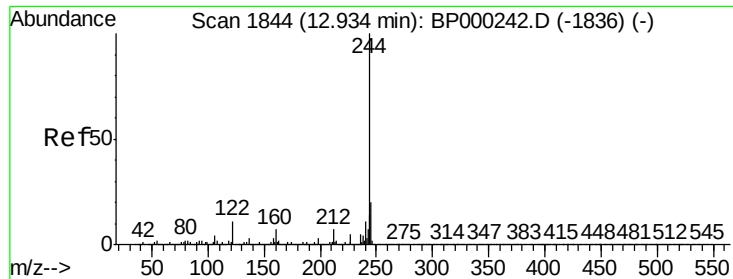
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Tgt Ion:240 Resp: 765604
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 26.5 21.0 31.6



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

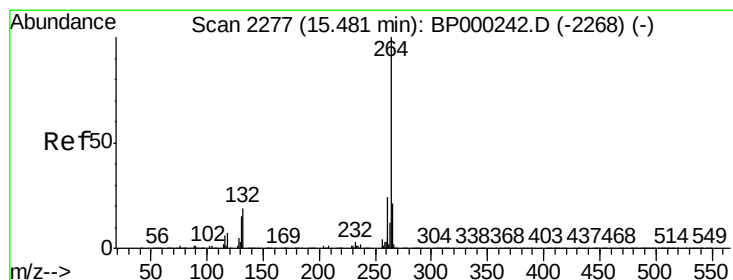
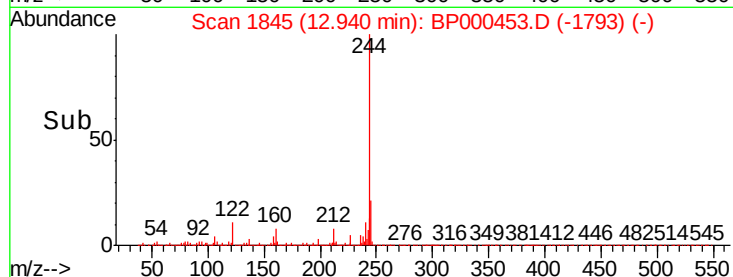
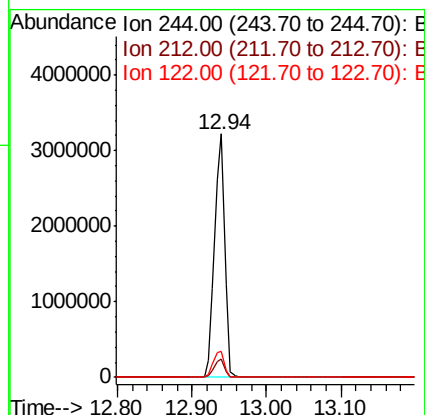
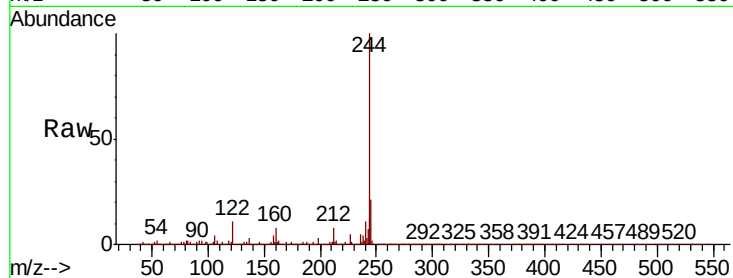




#79
 Terphenyl-d14
 Concen: 83.324 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 3040889
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.9 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Tgt Ion:264 Resp: 851521
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.3 17.2 25.8

