

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000307.D
 Acq On : 18 Sep 2019 19:14
 Operator : HP/JU
 Sample : K4942-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 04:21:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	286108	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1033489	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	569870	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1034480	20.00	ng	0.00
76) Chrysene-d12	13.99	240	840073	20.00	ng	0.00
87) Perylene-d12	15.47	264	939130	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1590225	95.95	ng	0.01
7) Phenol-d6	6.43	99	2055203	101.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	1145840	71.53	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	659030	116.59	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2355979	74.41	ng	0.00
79) Terphenyl-d14	12.93	244	2589605	64.67	ng	0.00

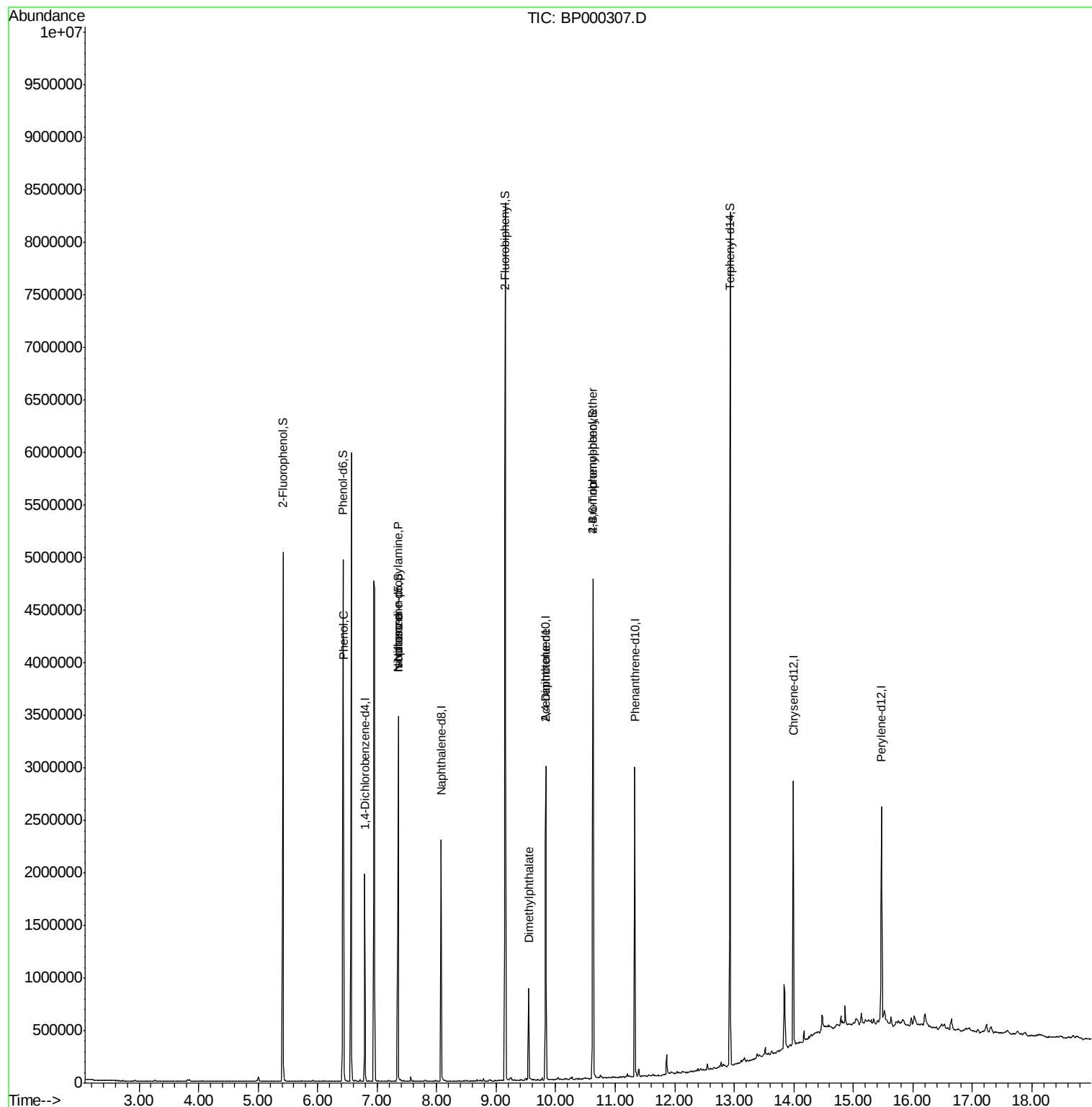
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3777	Below Cal	#	1
10) Phenol	6.44	94	61925	2.683	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	141174	13.144	ng	74
25) Isophorone	7.35	82	1144569	36.085	ng	63
50) Dimethylphthalate	9.55	163	357099	9.197	ng	98
57) 2,4-Dinitrotoluene	9.83	165	74426	6.669	ng	35
67) 4-Bromophenyl-phenylether	10.63	248	44637	3.816	ng	1
69) Atrazine	10.99	200	60	Below Cal	#	1

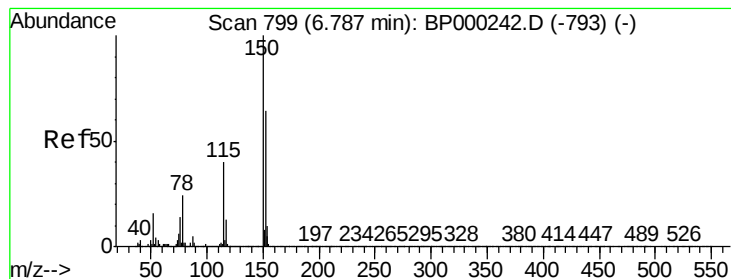
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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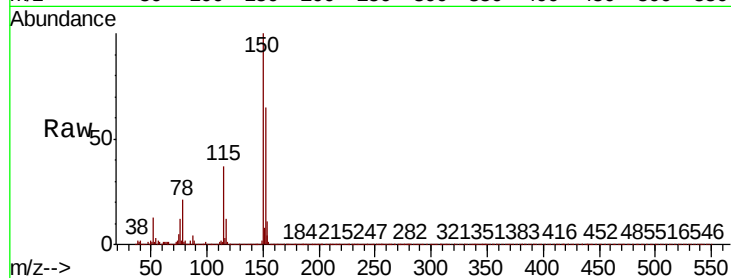


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000307.D
Acq: 18 Sep 2019 19:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.2	187.8
115	57.1	49.7	74.5

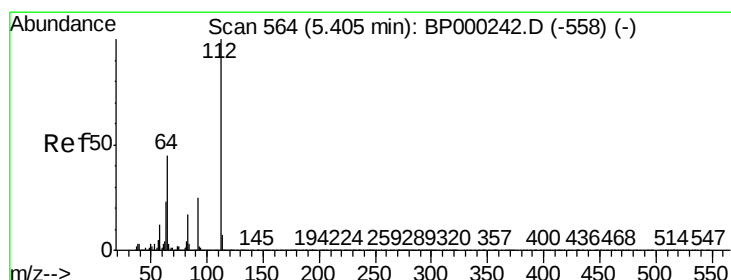
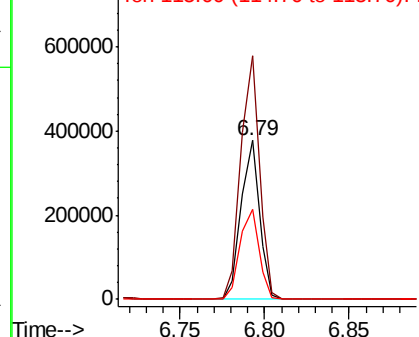
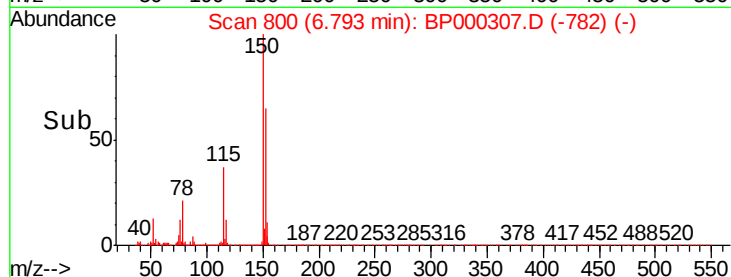


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

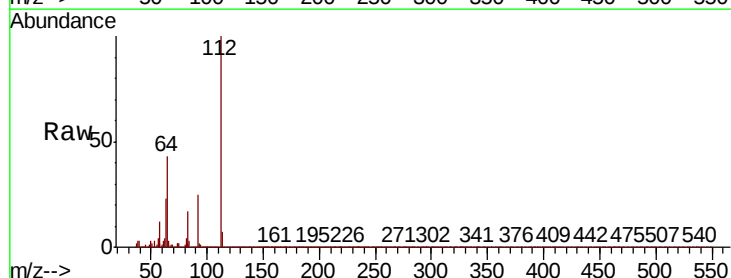
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.953 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000307.D
Acq: 18 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.2	36.2	54.4
63	22.6	18.3	27.5

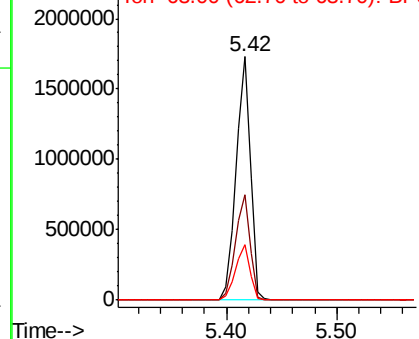
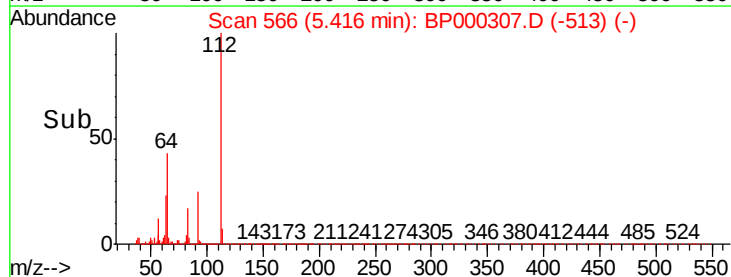


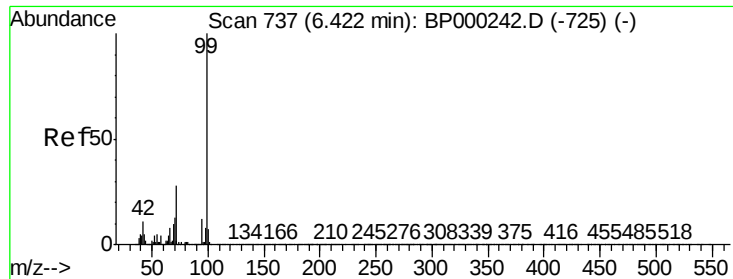
Abundance

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: 101.167 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

Instrument :

BNA_P

ClientSampled :

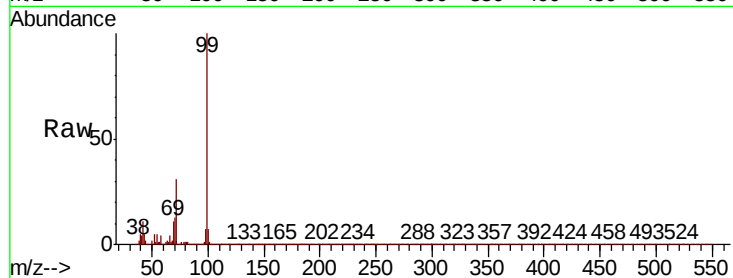
Tot Ion: 99 Resp: 2055203

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

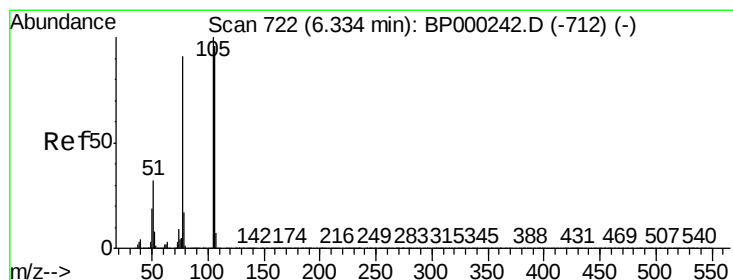
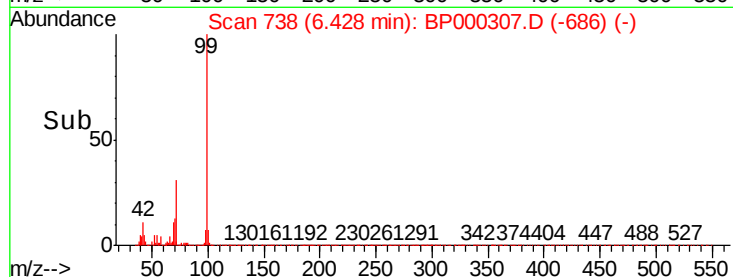
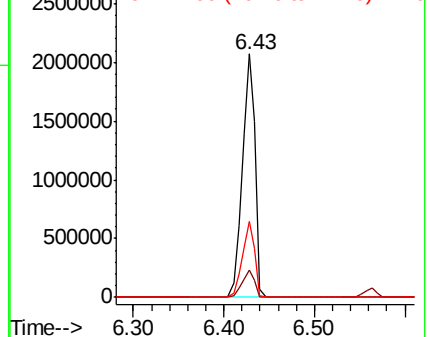
71 31.1 22.6 34.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

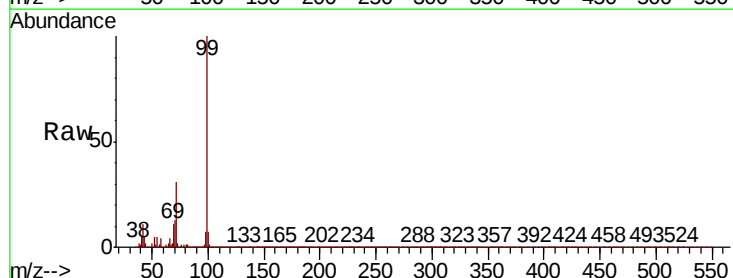
Tgt Ion: 77 Resp: 3777

Ion Ratio Lower Upper

77 100

105 6.6 89.6 129.6#

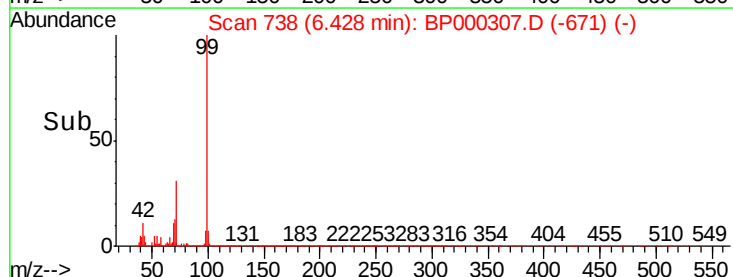
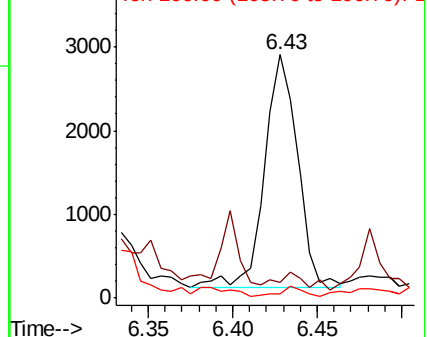
106 1.8 84.6 124.6#

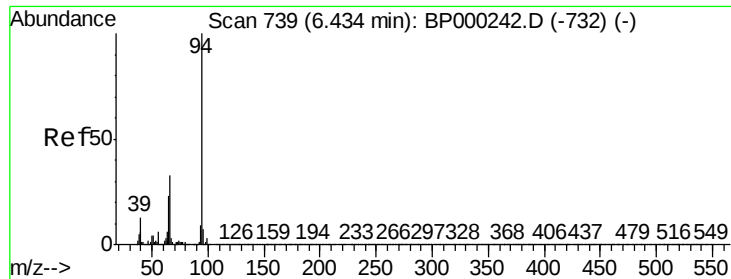


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.683 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

Instrument :

BNA_P

ClientSampled :

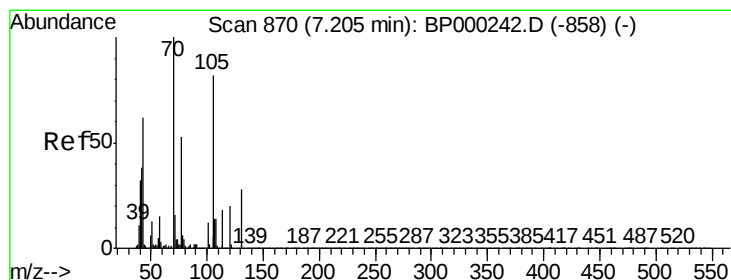
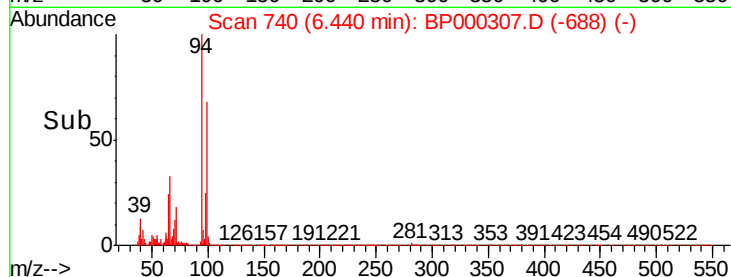
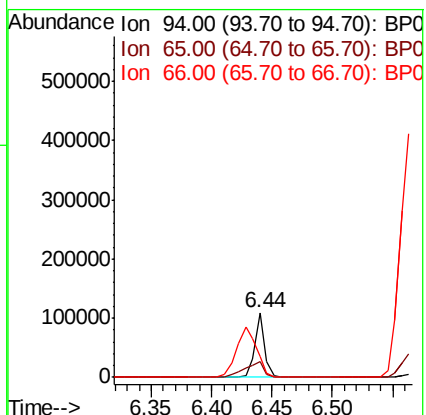
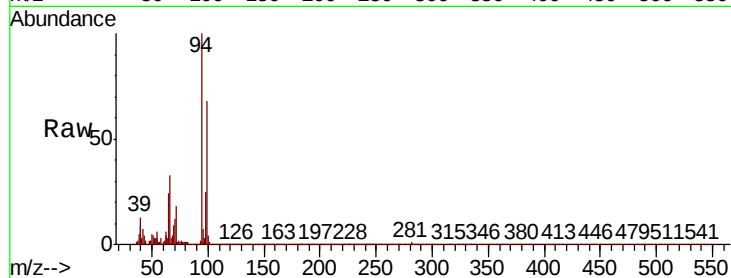
Tot Ion: 94 Resp: 61925

Ion Ratio Lower Upper

94 100

65 23.9 3.3 43.3

66 33.2 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.144 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

Tgt Ion: 70 Resp: 141174

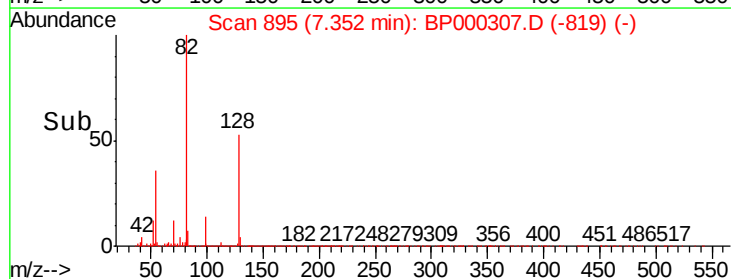
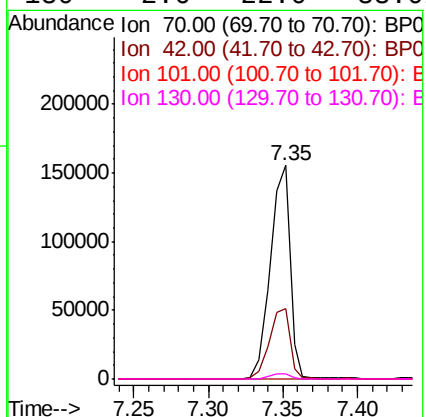
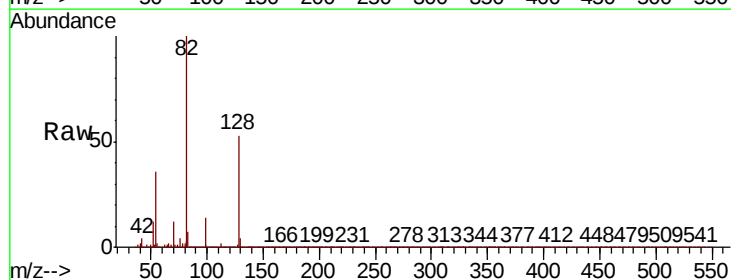
Ion Ratio Lower Upper

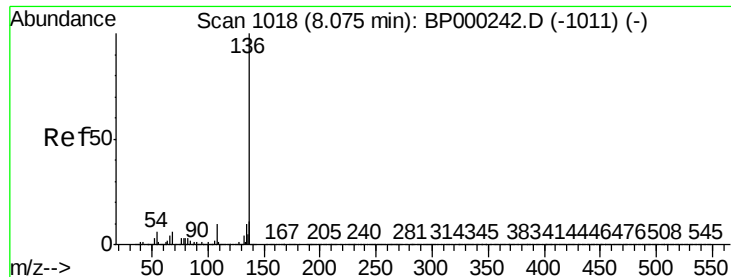
70 100

42 32.9 30.7 46.1

101 0.0 9.6 14.4#

130 2.6 22.0 33.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 1033489

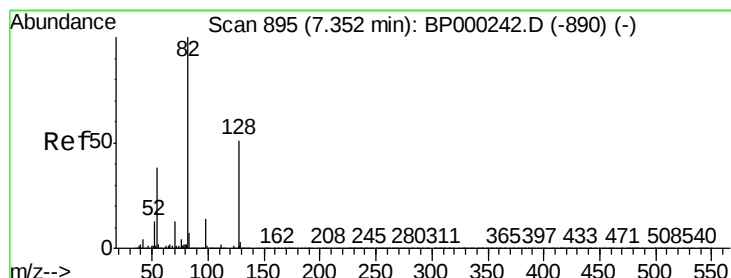
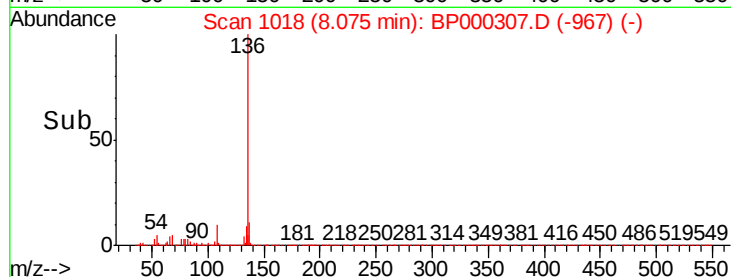
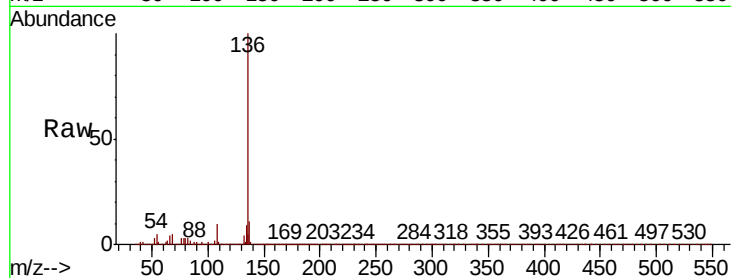
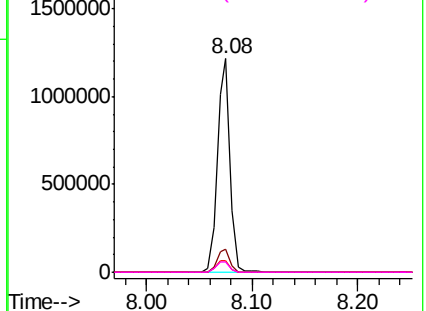
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.2	4.5	6.7
68	5.0	4.5	6.7

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 71.533 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

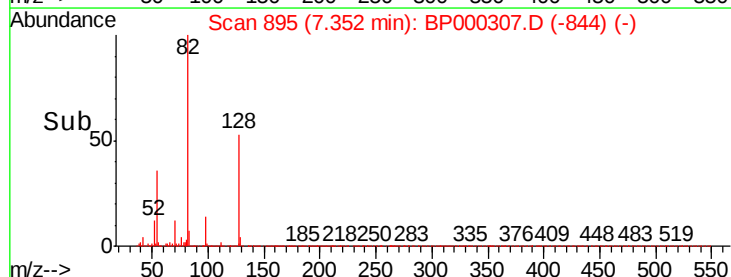
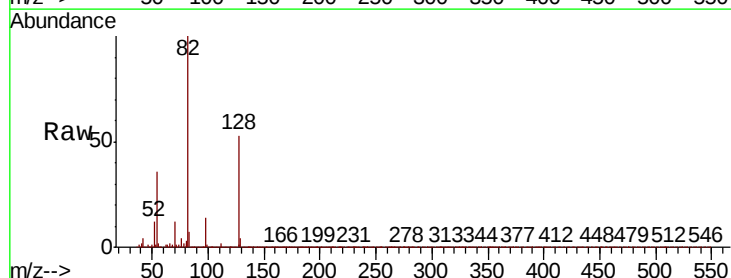
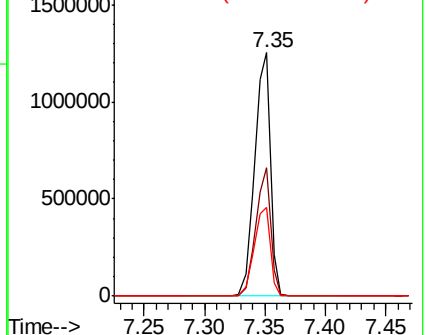
Tgt Ion: 82 Resp: 1145840

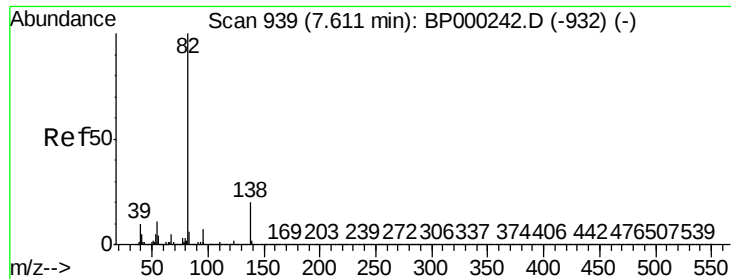
Ion	Ratio	Lower	Upper
82	100		
128	52.6	40.7	61.1
54	36.5	30.1	45.1

Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 36.085 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

Instrument :

BNA_P

ClientSampleId :

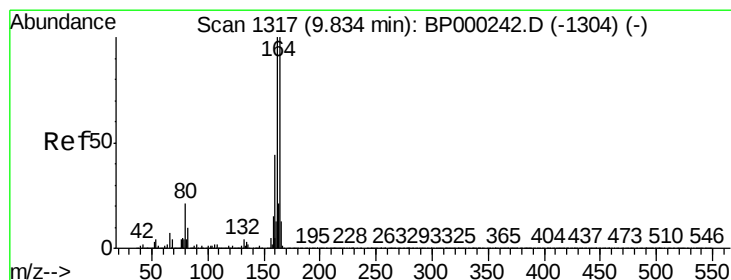
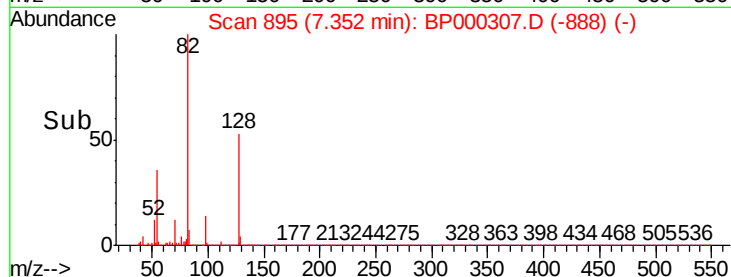
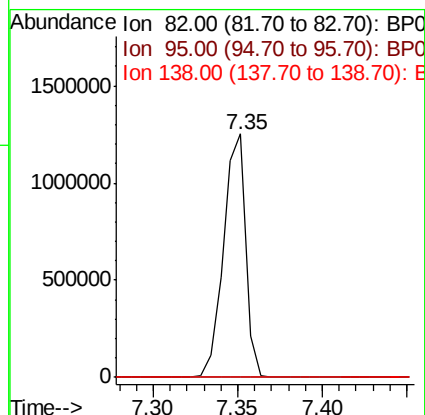
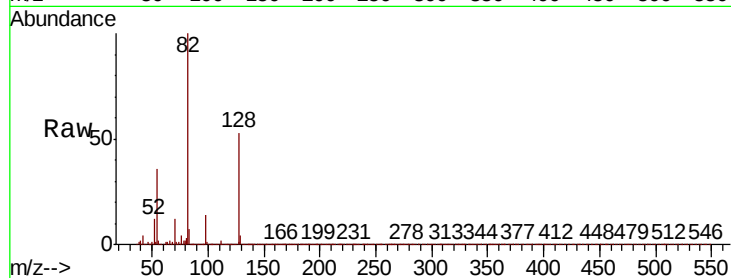
Tot Ion: 82 Resp: 1144569

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: BP000307.D

Acq: 18 Sep 2019 19:14

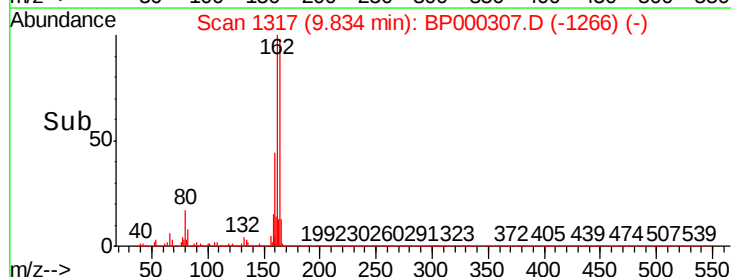
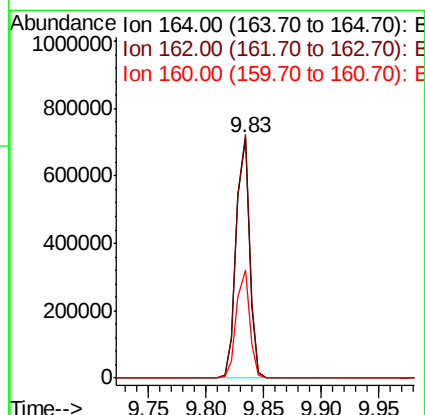
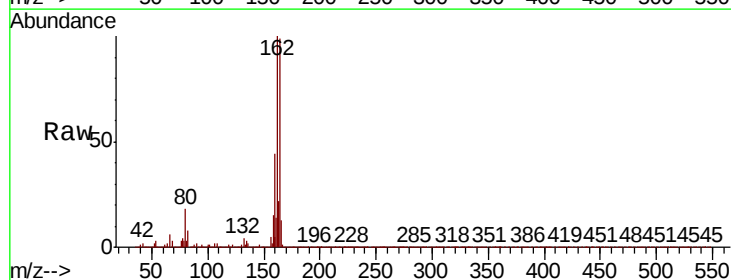
Tgt Ion: 164 Resp: 569870

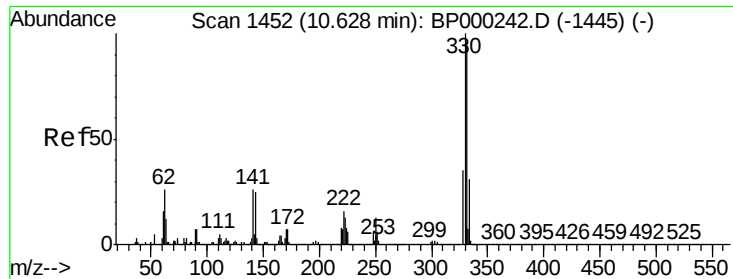
Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

160 45.1 35.6 53.4

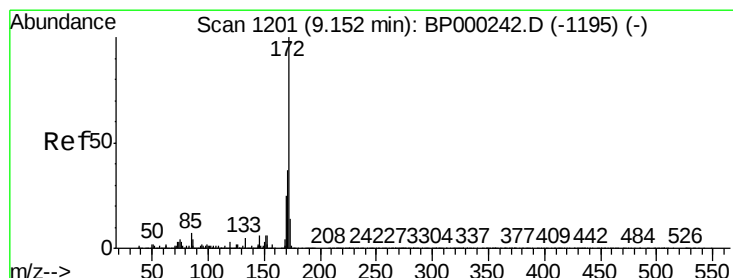
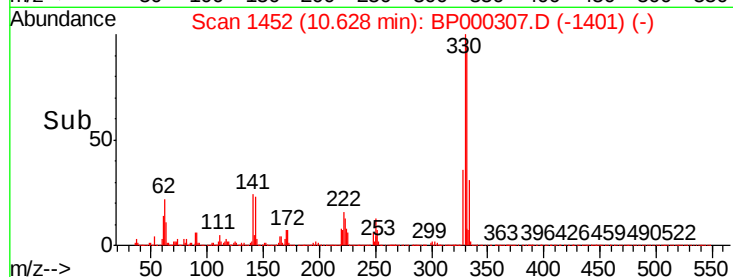
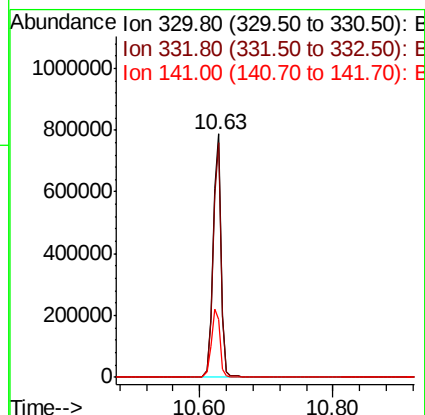
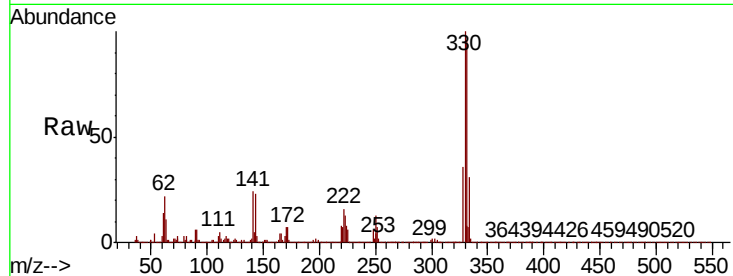




#42
2,4,6-Tribromophenol
Concen: 116.594 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000307.D
Acq: 18 Sep 2019 19:14

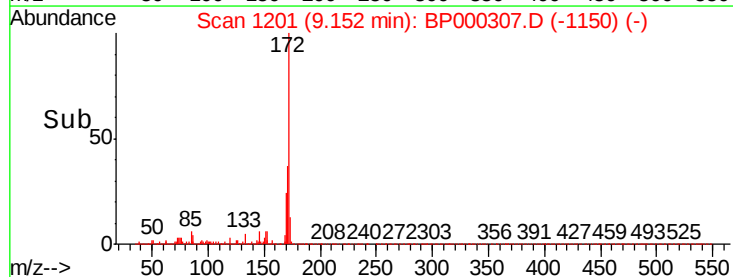
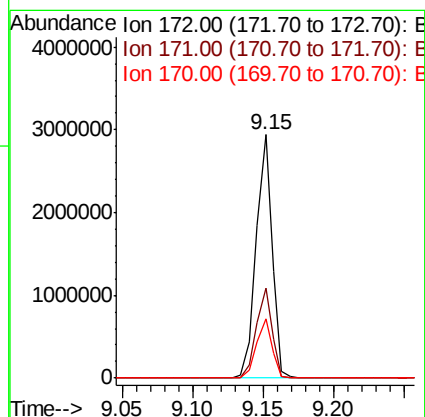
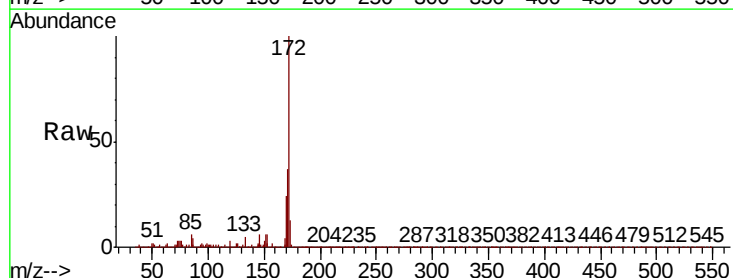
Instrument :
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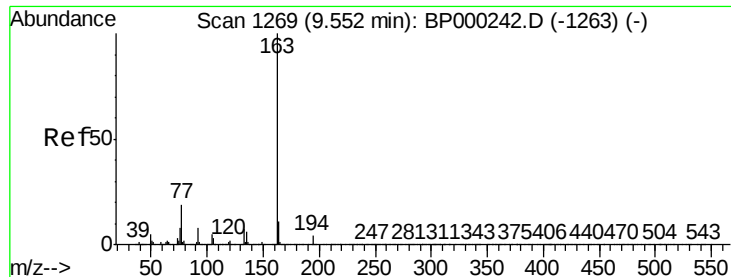
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	30.5	26.5	39.7



#45
2-Fluorobiphenyl
Concen: 74.408 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000307.D
Acq: 18 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.4	19.8	29.6

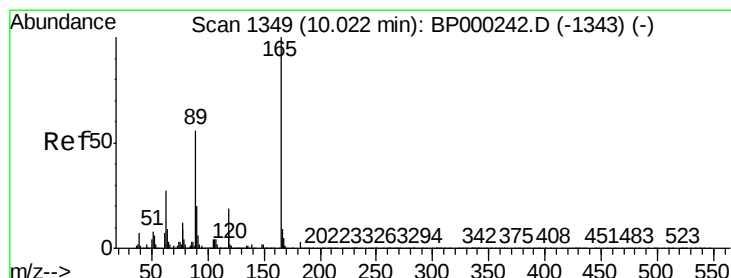
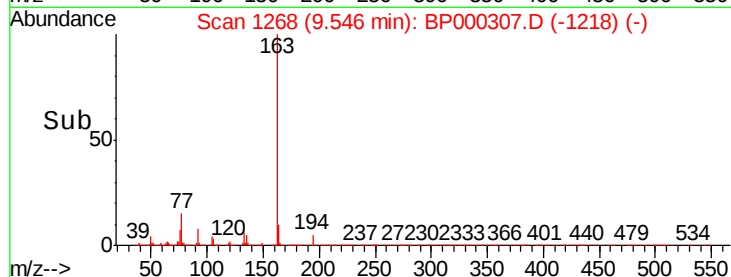
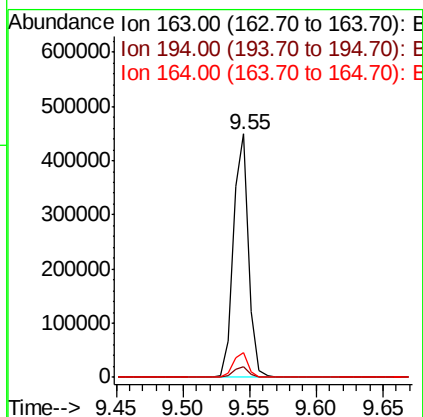
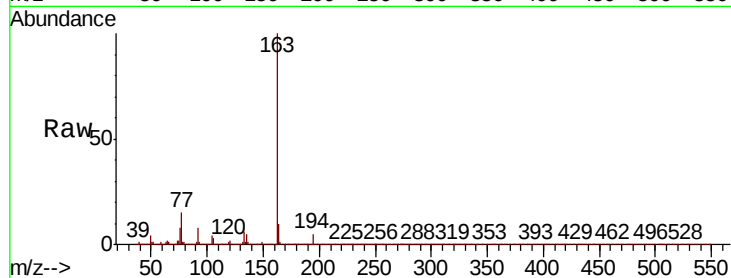




#50
Dimethylphthalate
Concen: 9.197 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000307.D
Acq: 18 Sep 2019 19:14

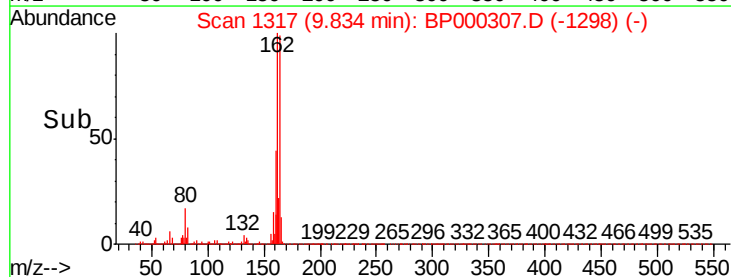
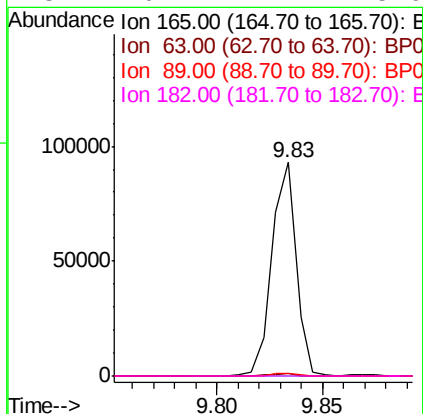
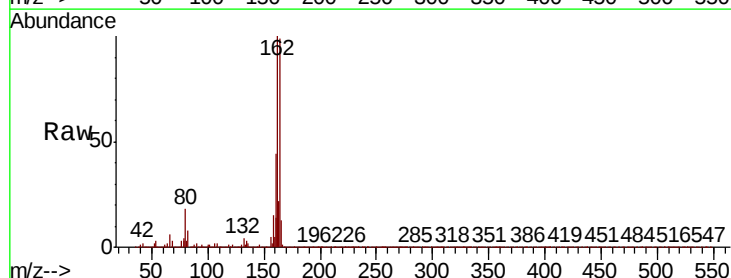
Instrument :
BNA_P
ClientSampleId :

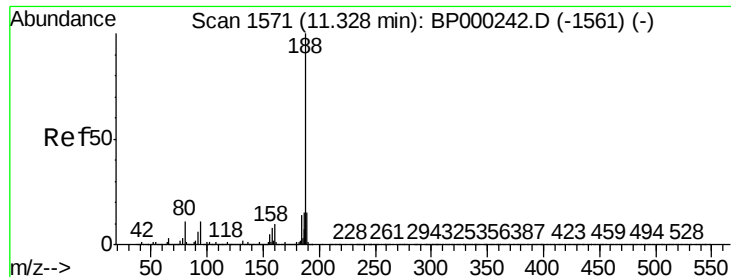
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.9	8.5	12.7



#57
2,4-Dinitrotoluene
Concen: 6.669 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000307.D
Acq: 18 Sep 2019 19:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	21.7	32.5#
89	1.4	45.0	67.6#
182	0.1	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

Instrument :

BNA_P

ClientSampleId :

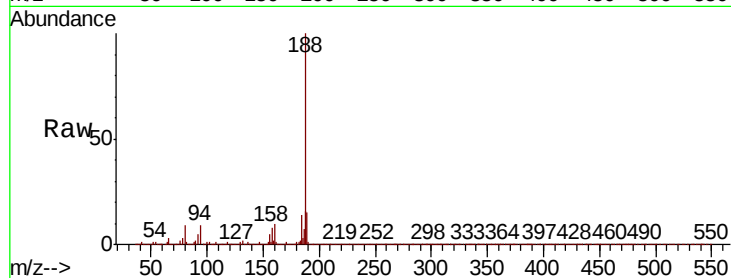
Tot Ion:188 Resp: 1034480

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

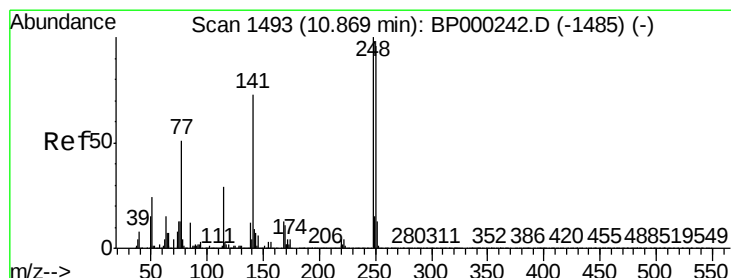
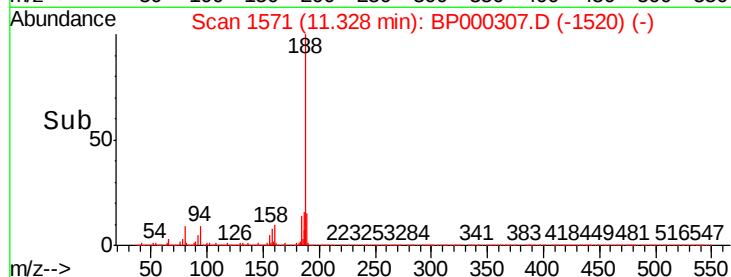
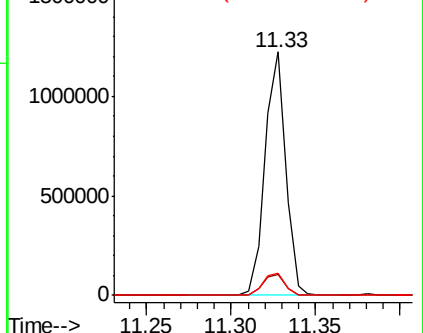
80 9.1 8.6 13.0



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: 3.816 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000307.D

Acq: 18 Sep 2019 19:14

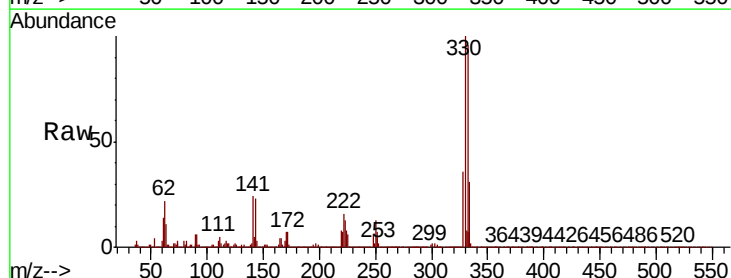
Tgt Ion:248 Resp: 44637

Ion Ratio Lower Upper

248 100

250 201.5 77.0 115.4#

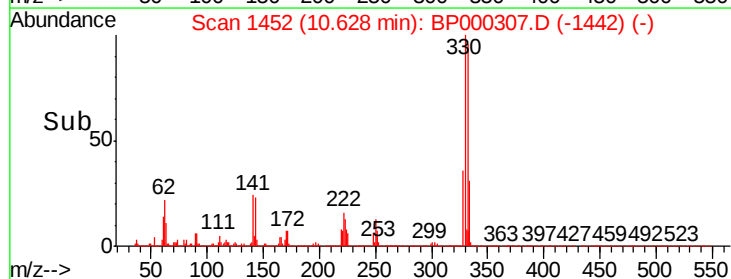
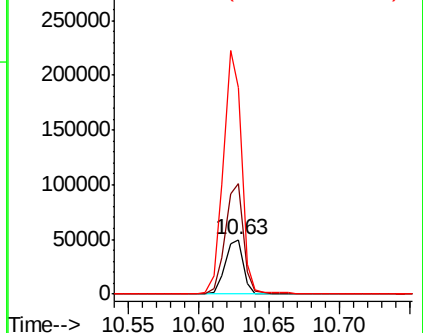
141 378.7 58.5 87.7#

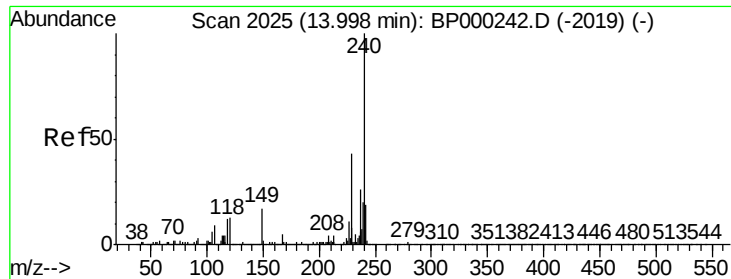


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

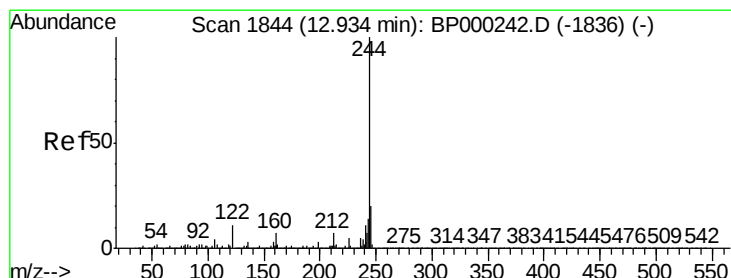
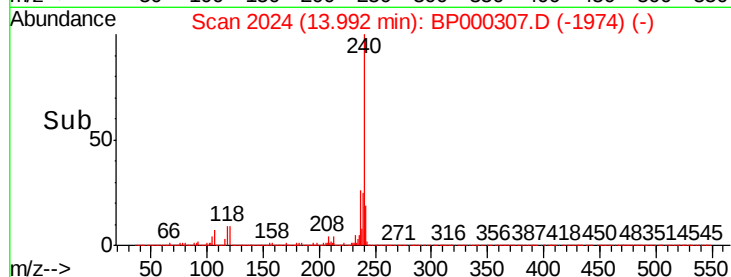
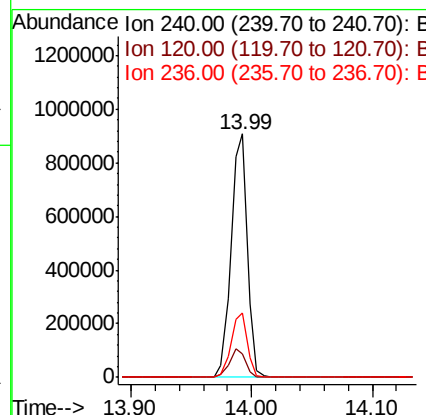
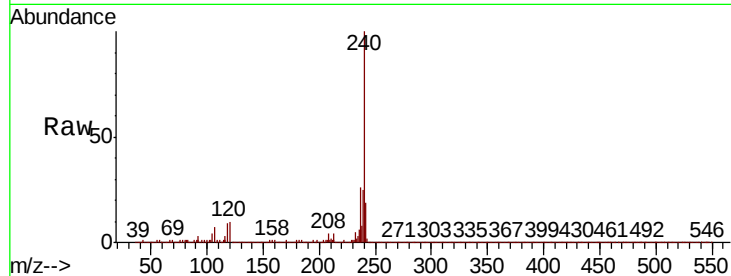




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BP000307.D
 Acq: 18 Sep 2019 19:14

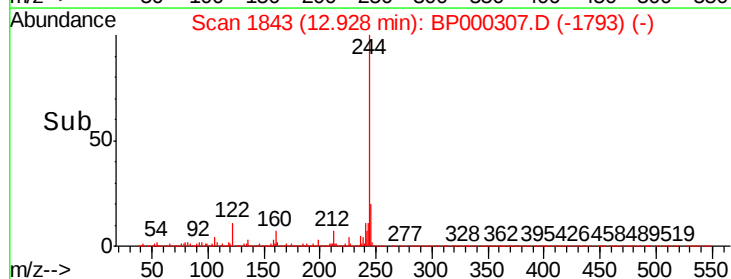
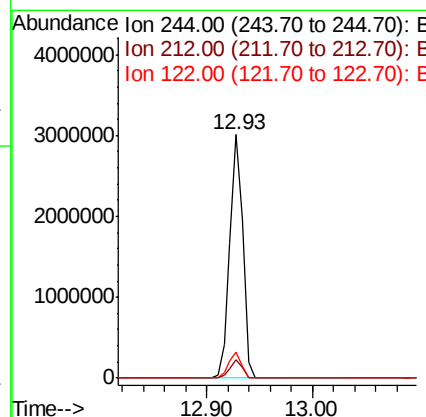
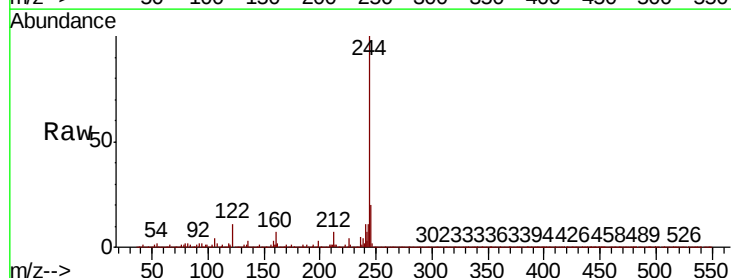
Instrument :
 BNA_P
 ClientSampleId :

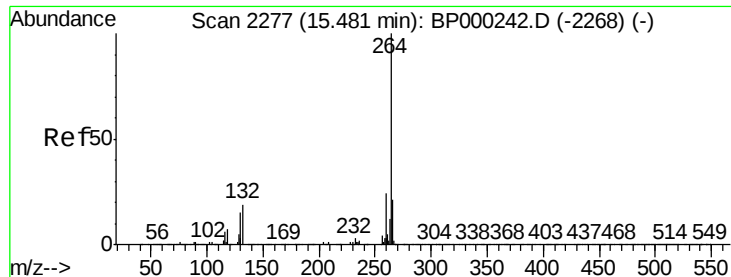
Tot Ion:240 Resp: 840073
 Ion Ratio Lower Upper
 240 100
 120 9.5 10.4 15.6#
 236 26.2 21.0 31.6



#79
 Terphenyl-d14
 Concen: 64.668 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000307.D
 Acq: 18 Sep 2019 19:14

Tgt Ion:244 Resp: 2589605
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.7 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000307.D
Acq: 18 Sep 2019 19:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.4	17.2	25.8

