

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000456.D
 Acq On : 27 Sep 2019 14:43
 Operator : JU
 Sample : K5012-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:08:21 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	236489	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	853356	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	473530	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	891099	20.00	ng	0.00
76) Chrysene-d12	14.00	240	790388	20.00	ng	0.00
87) Perylene-d12	15.49	264	880878	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1623027	118.48	ng	0.02
7) Phenol-d6	6.43	99	2013009	119.88	ng	0.01
23) Nitrobenzene-d5	7.35	82	1196921	90.50	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	660719	140.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2544552	96.71	ng	0.00
79) Terphenyl-d14	12.94	244	3223056	85.55	ng	0.00

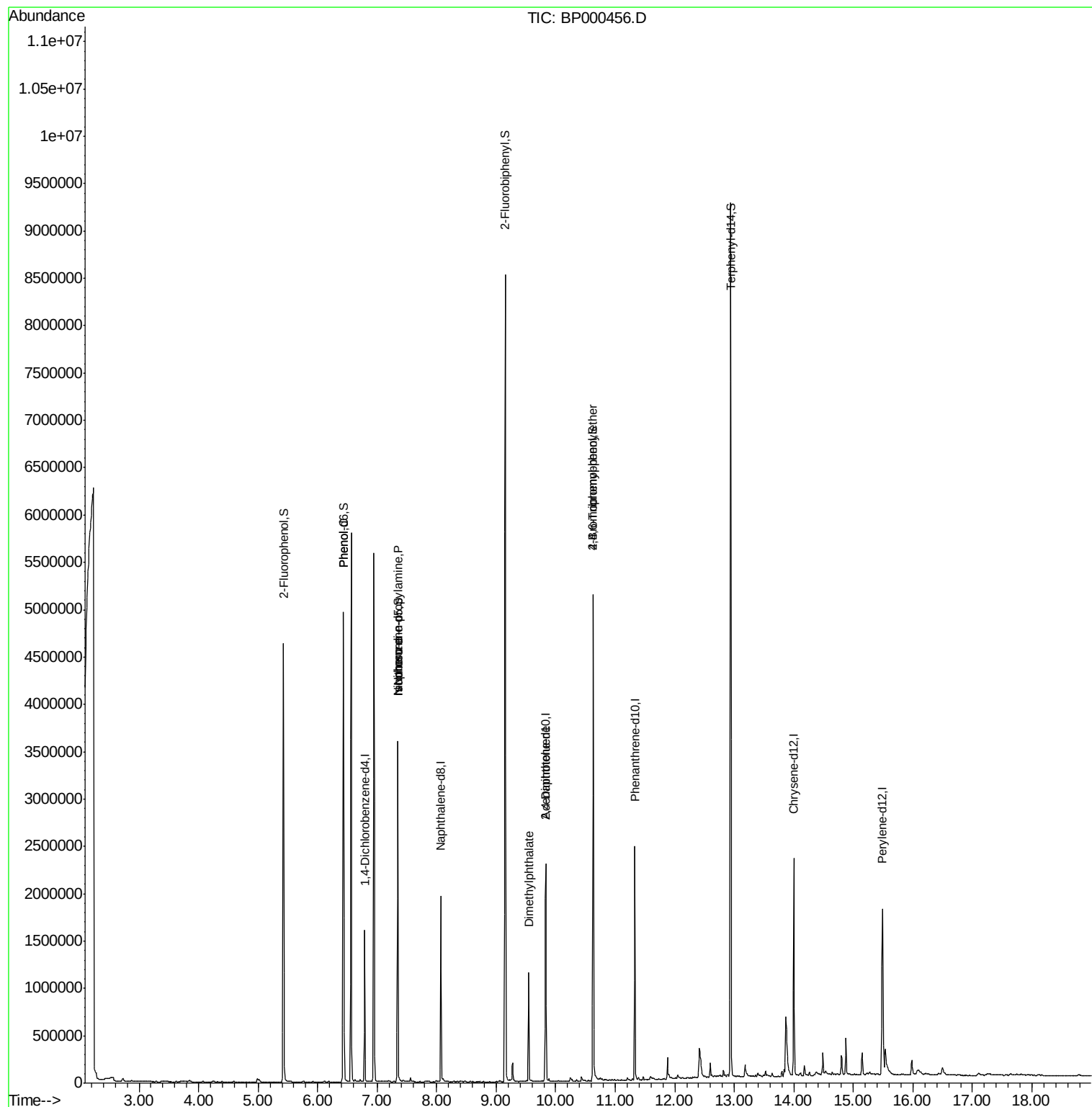
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	4047	Below Cal	#	1
10) Phenol	6.44	94	151430	7.937	ng	87
19) n-Nitroso-di-n-propylamine	7.35	70	146694	16.523	ng	75
25) Isophorone	7.35	82	1196866	45.699	ng	63
50) Dimethylphthalate	9.55	163	467917	14.504	ng	99
57) 2,4-Dinitrotoluene	9.83	165	61602	6.643	ng	35
67) 4-Bromophenyl-phenylether	10.63	248	46169	4.582	ng	1
69) Atrazine	11.01	200	28	Below Cal	#	1

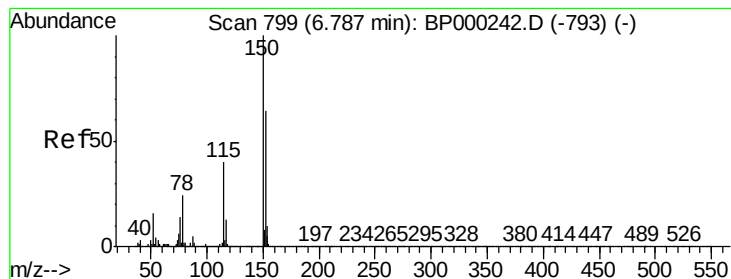
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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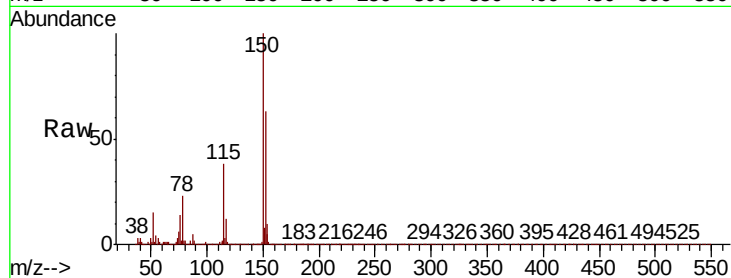


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000456.D
Acq: 27 Sep 2019 14:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.2	187.8
115	60.3	49.7	74.5

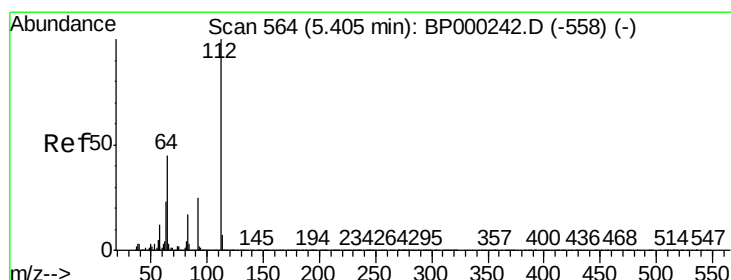
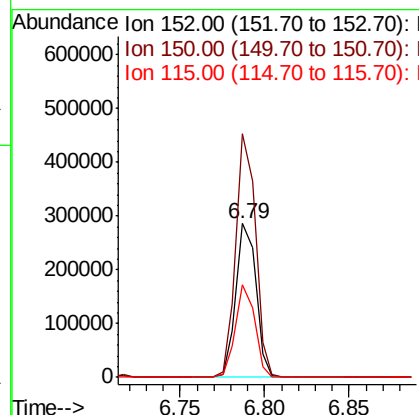
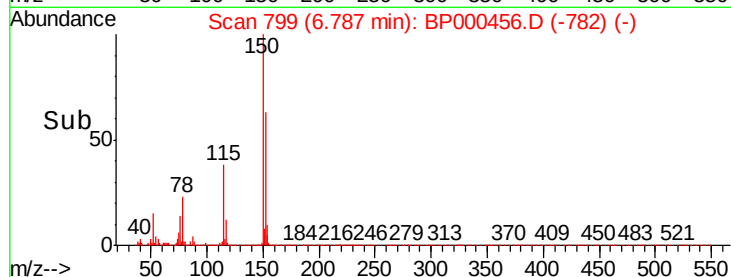


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

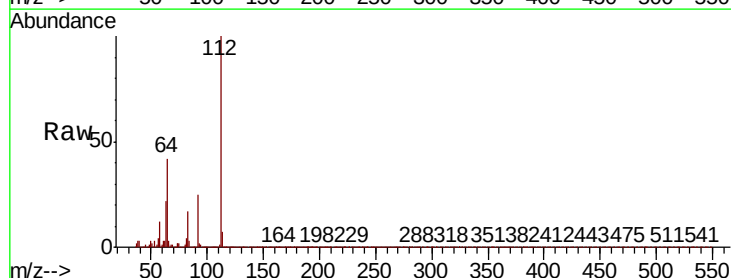
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.480 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000456.D
Acq: 27 Sep 2019 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	36.2	54.4
63	21.9	18.3	27.5

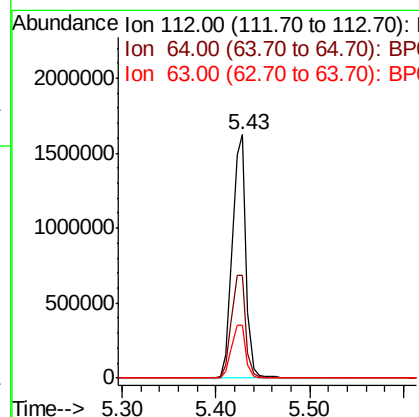
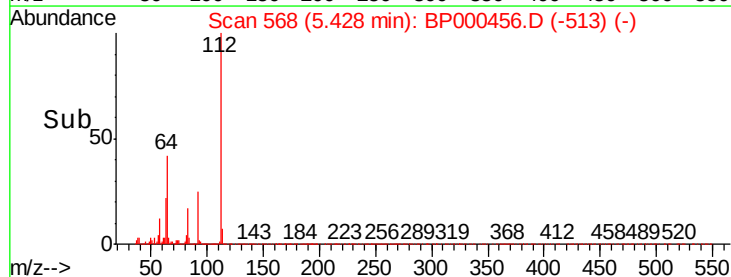


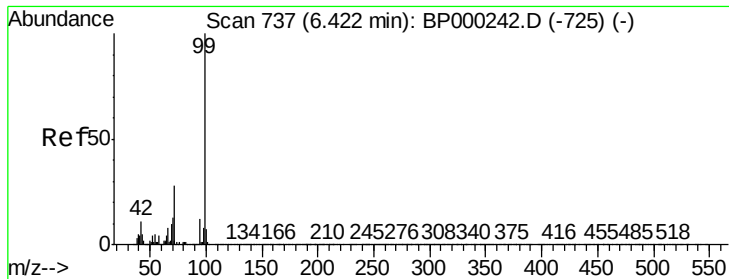
Abundance

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: 119.880 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

Instrument :

BNA_P

ClientSampled :

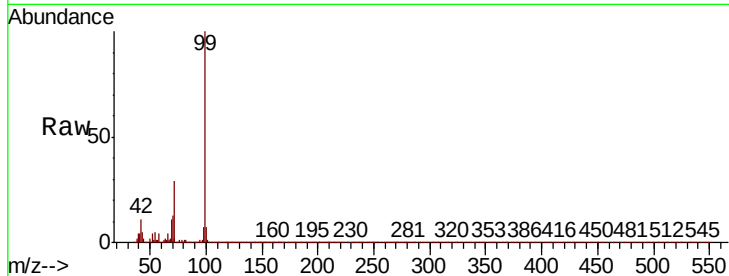
Tot Ion: 99 Resp: 2013009

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

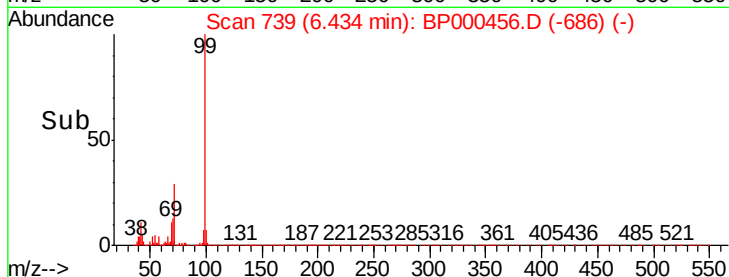
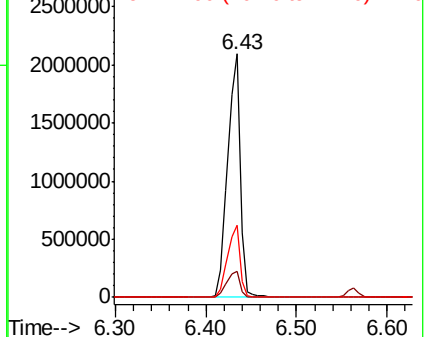
71 29.4 22.6 34.0



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# 739

Delta R.T. 0.10 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

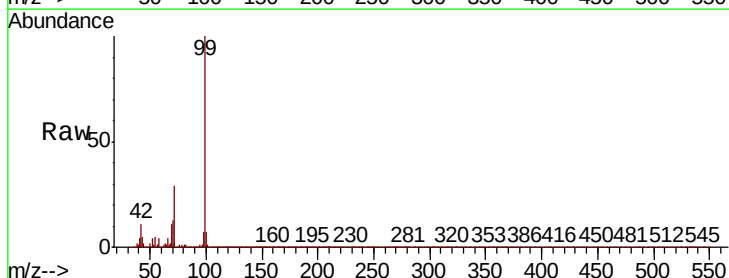
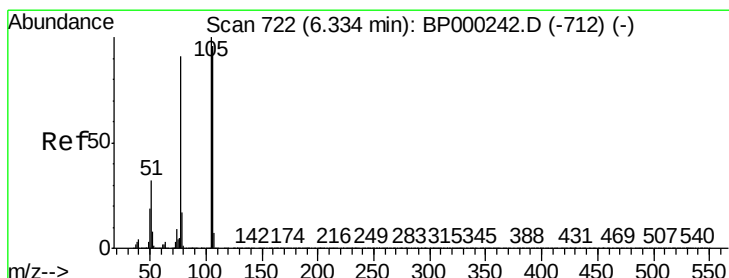
Tgt Ion: 77 Resp: 4047

Ion Ratio Lower Upper

77 100

105 4.1 89.6 129.6#

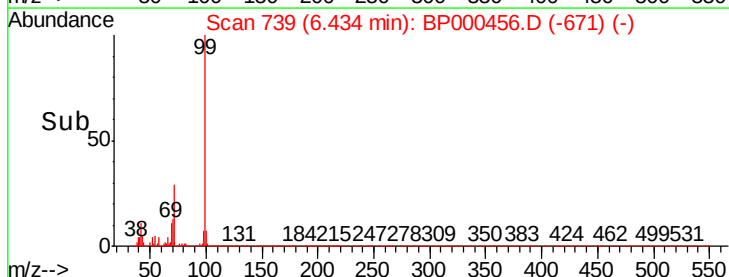
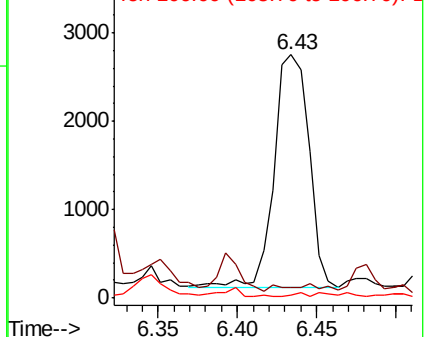
106 1.3 84.6 124.6#

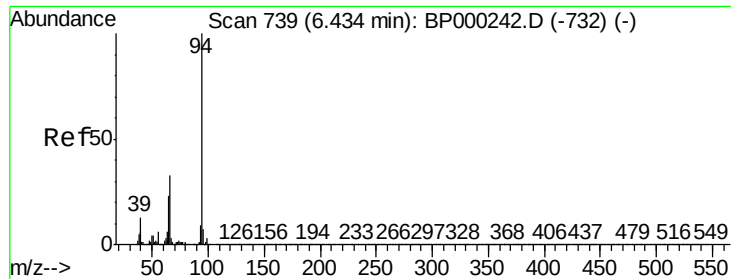


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.937 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

Instrument :

BNA_P

ClientSampleId :

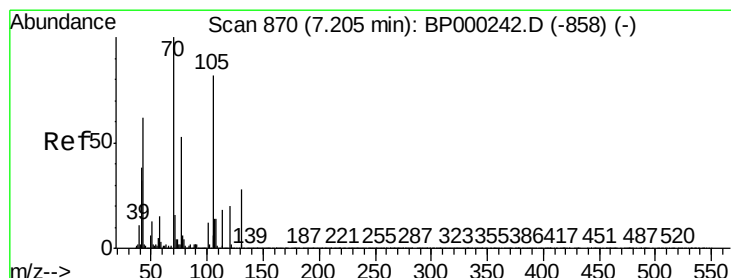
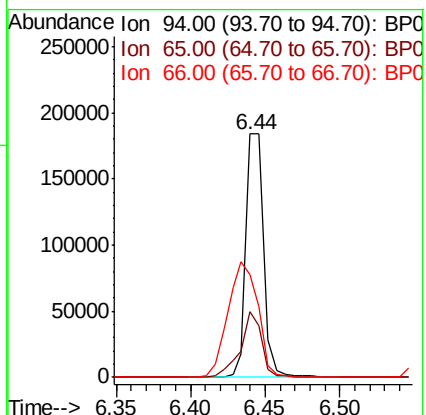
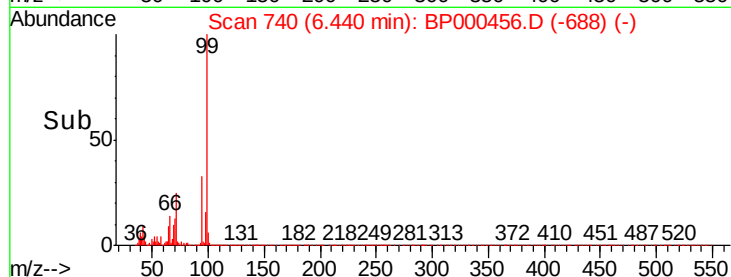
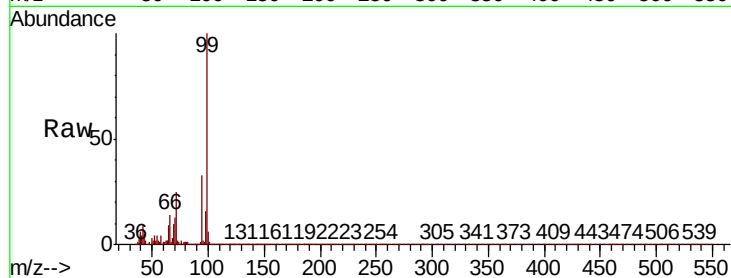
Tot Ion: 94 Resp: 151430

Ion Ratio Lower Upper

94 100

65 27.2 3.3 43.3

66 42.4 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.523 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

Tgt Ion: 70 Resp: 146694

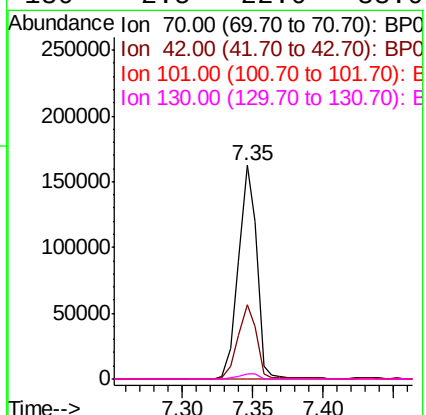
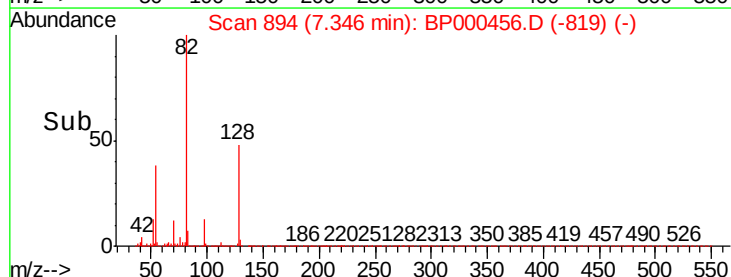
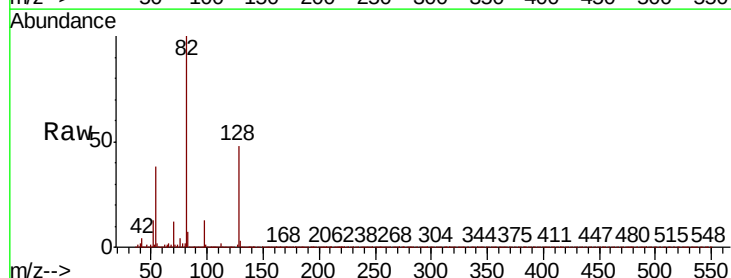
Ion Ratio Lower Upper

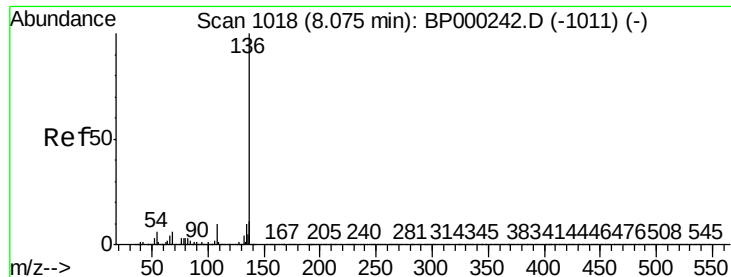
70 100

42 34.9 30.7 46.1

101 0.0 9.6 14.4#

130 2.5 22.0 33.0#

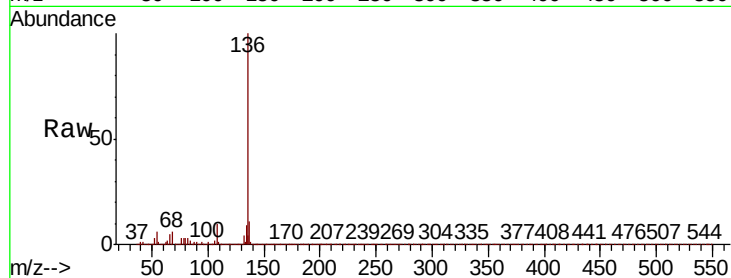




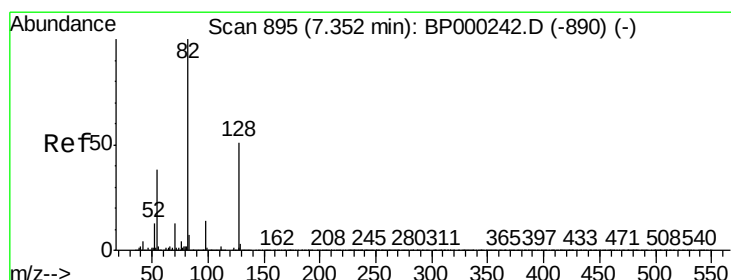
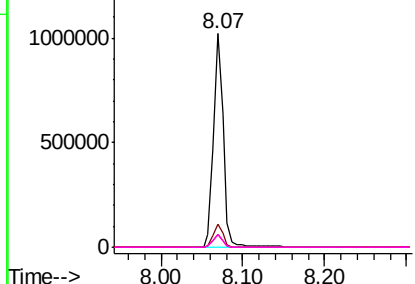
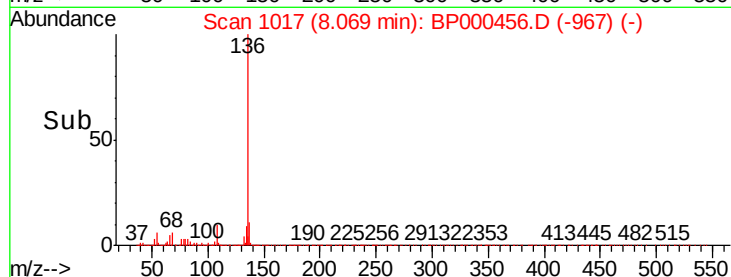
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000456.D
Acq: 27 Sep 2019 14:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	853356
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	5.9	4.5 6.7
68	5.8	4.5 6.7

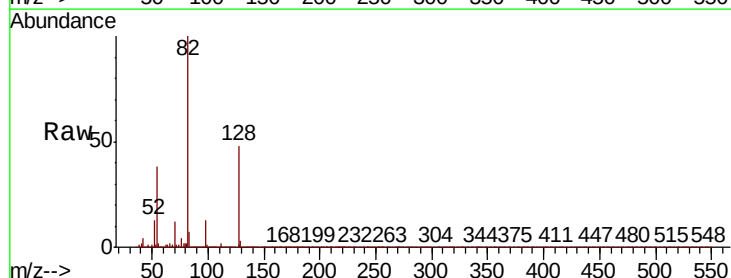


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

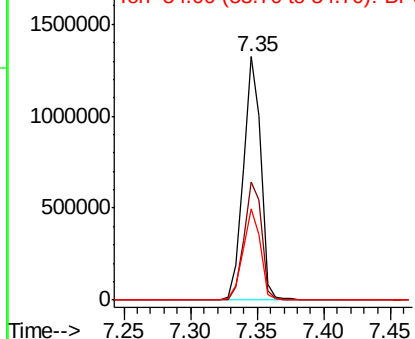
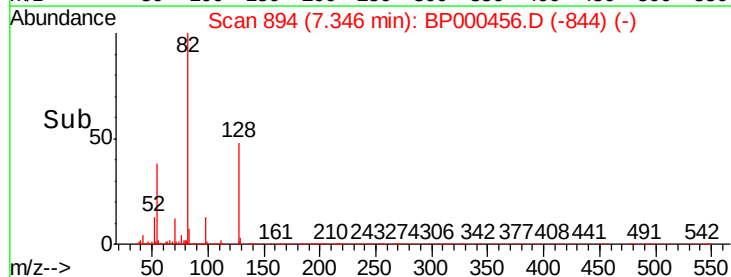


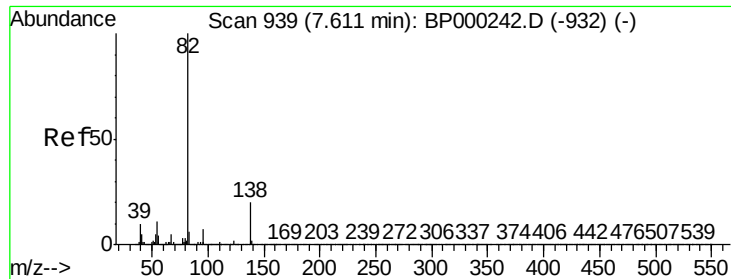
#23
Nitrobenzene-d5
Concen: 90.495 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000456.D
Acq: 27 Sep 2019 14:43

Tgt Ion: 82	Resp:	1196921
Ion	Ratio	Lower Upper
82	100	
128	48.5	40.7 61.1
54	37.7	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: 45.699 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

Instrument :

BNA_P

ClientSampleId :

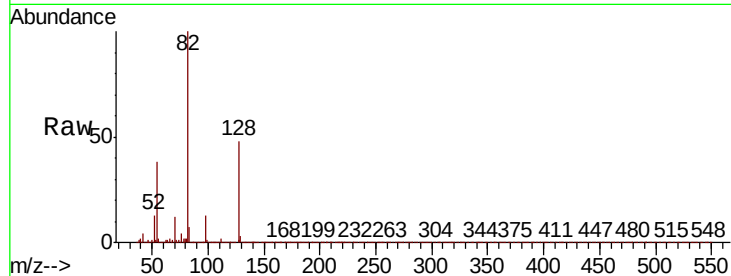
Tot Ion: 82 Resp: 1196866

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

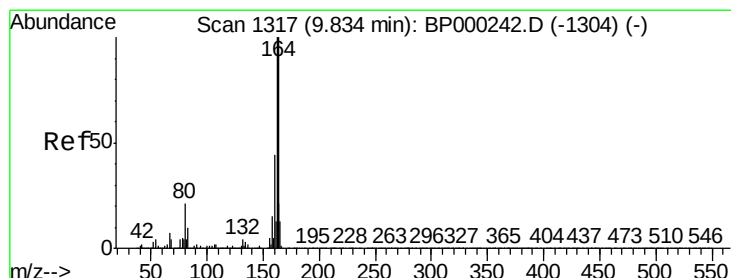
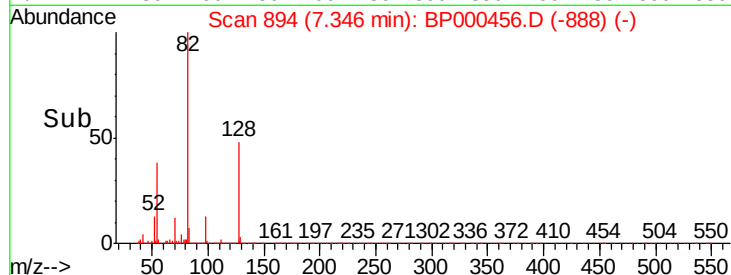
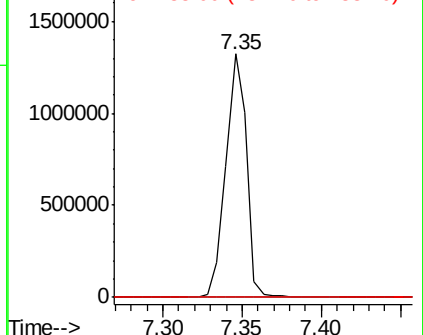
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

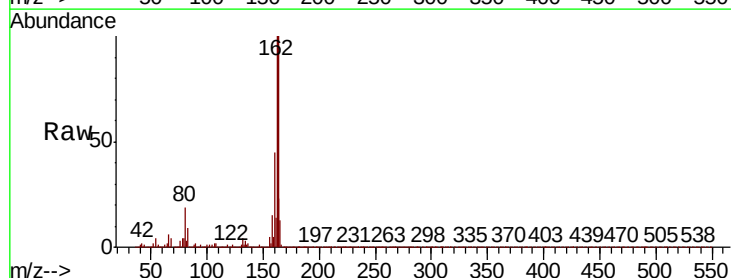
Tgt Ion: 164 Resp: 473530

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

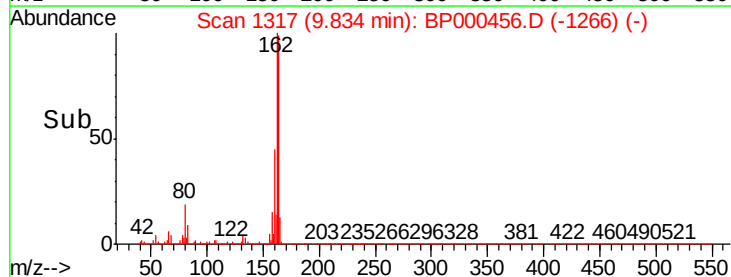
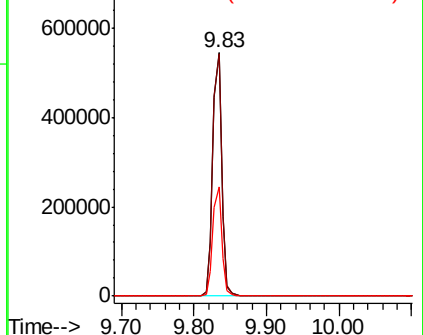
160 44.6 35.6 53.4

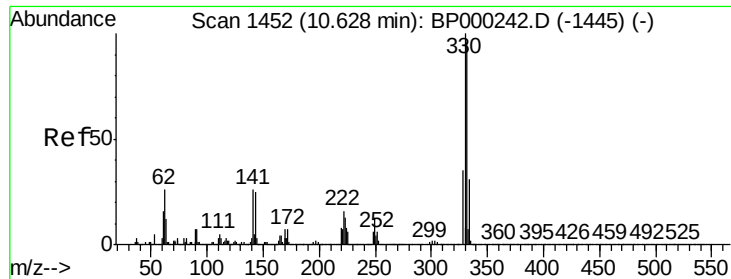


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

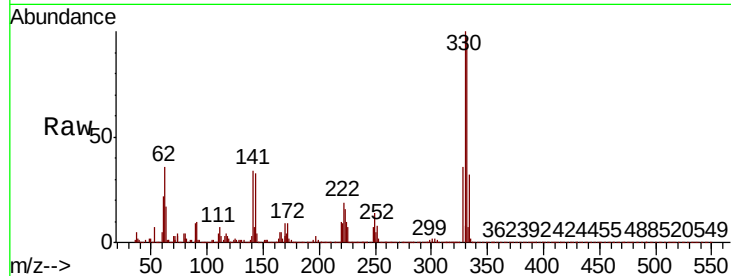




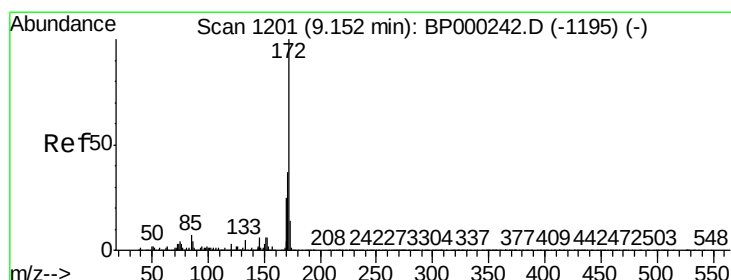
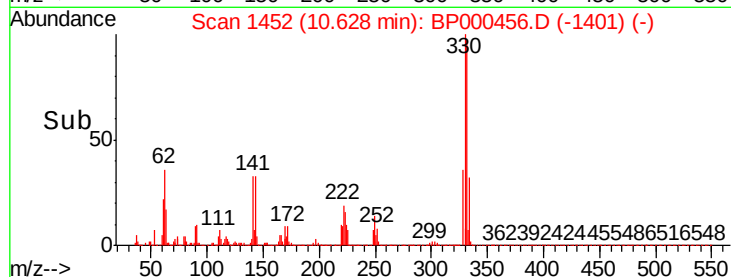
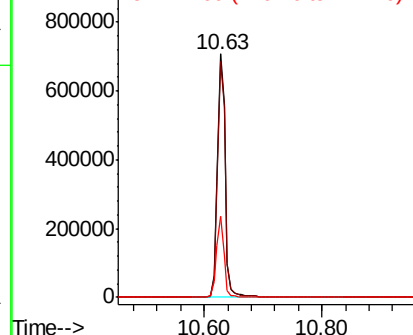
#42
2,4,6-Tribromophenol
Concen: 140.675 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000456.D
Acq: 27 Sep 2019 14:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 660719
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 32.3 26.5 39.7

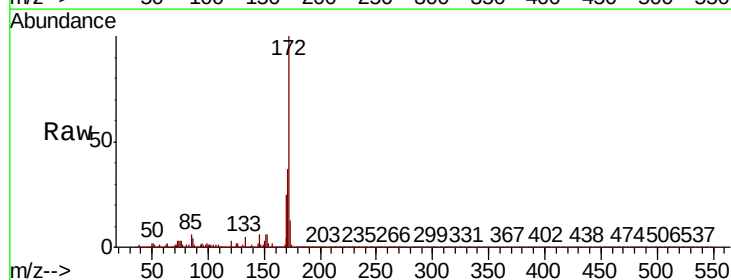


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

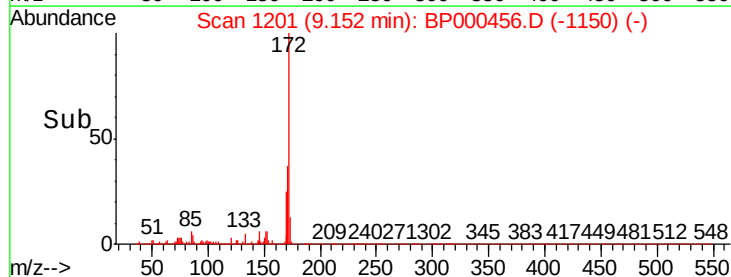
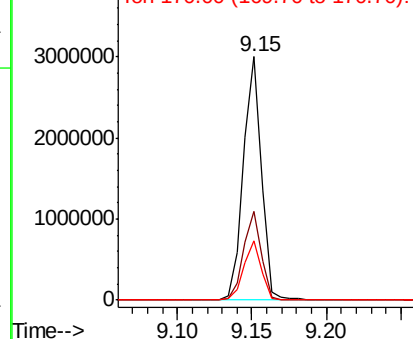


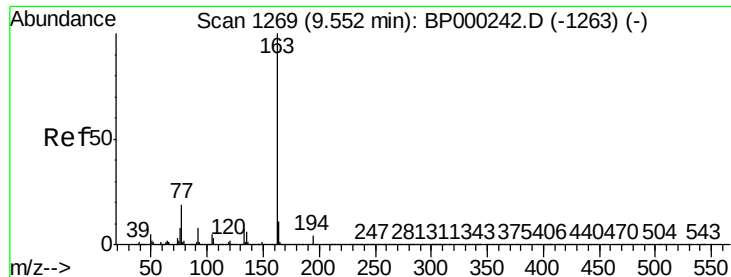
#45
2-Fluorobiphenyl
Concen: 96.714 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000456.D
Acq: 27 Sep 2019 14:43

Tgt Ion:172 Resp: 2544552
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.5 19.8 29.6



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: 14.504 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

Instrument :

BNA_P

ClientSampleId :

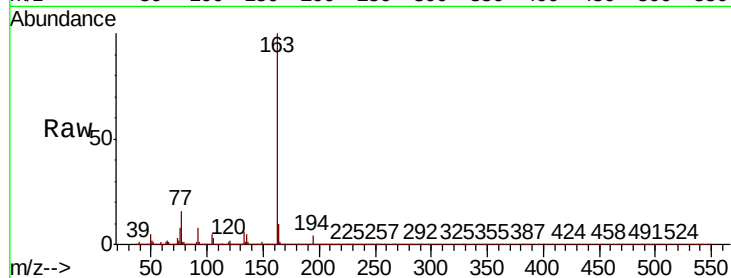
Tot Ion:163 Resp: 467917

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

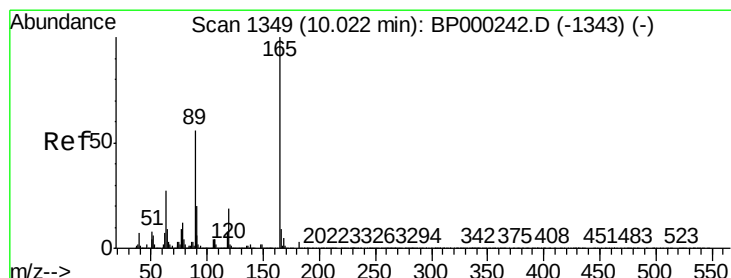
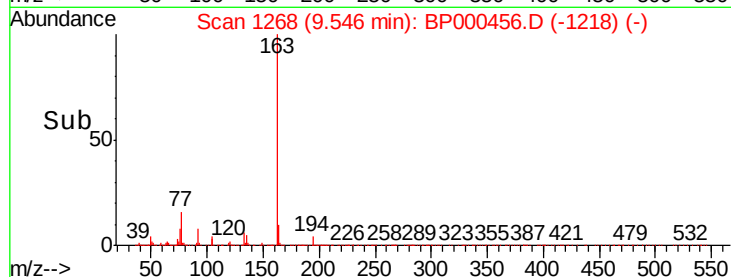
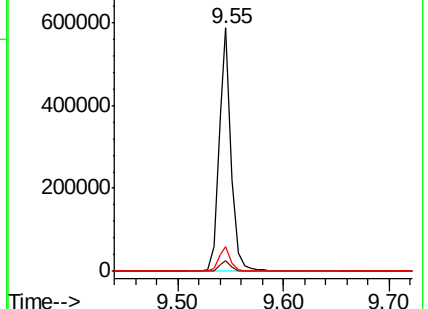
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.643 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

Tgt Ion:165 Resp: 61602

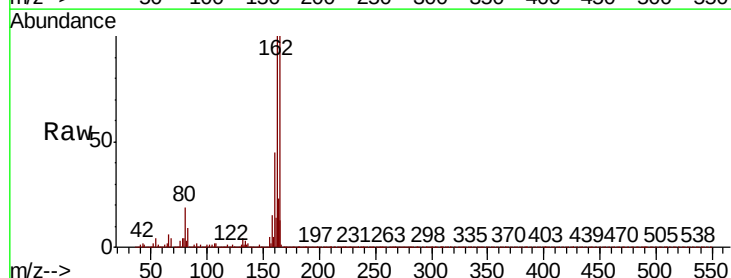
Ion Ratio Lower Upper

165 100

63 1.0 21.7 32.5#

89 1.4 45.0 67.6#

182 0.0 2.4 3.6#

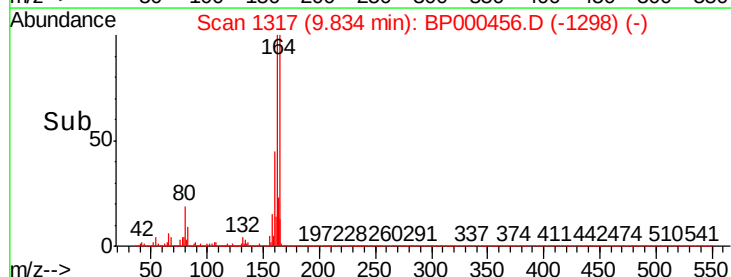
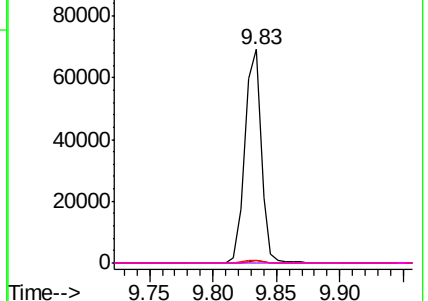


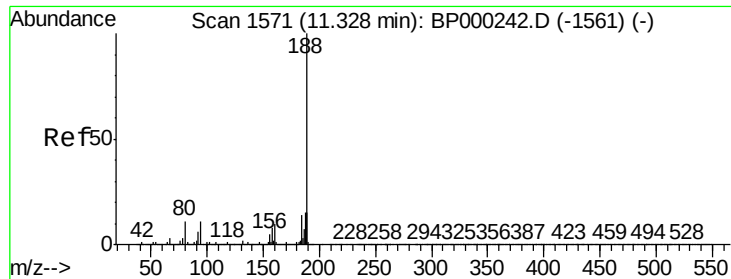
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000456.D

Acq: 27 Sep 2019 14:43

Instrument :

BNA_P

ClientSampled :

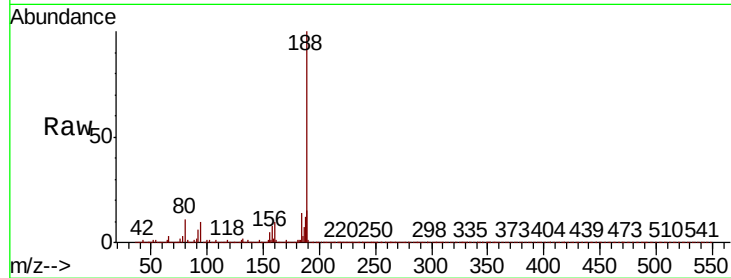
Tot Ion:188 Resp: 891099

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

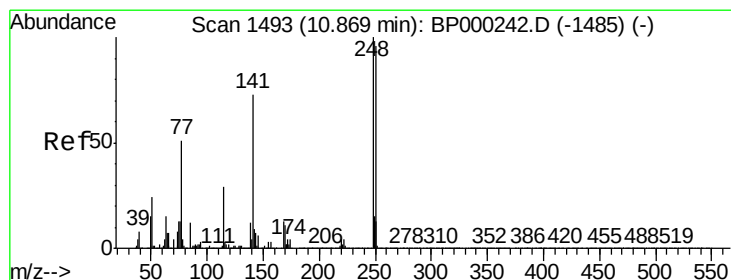
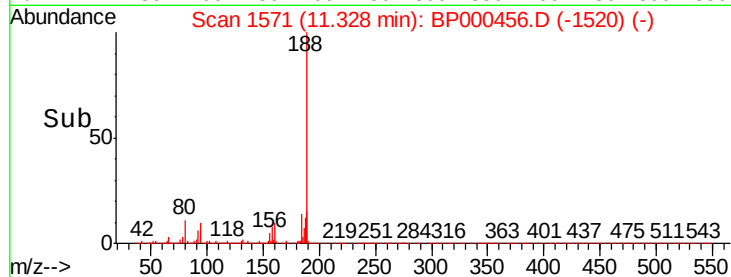
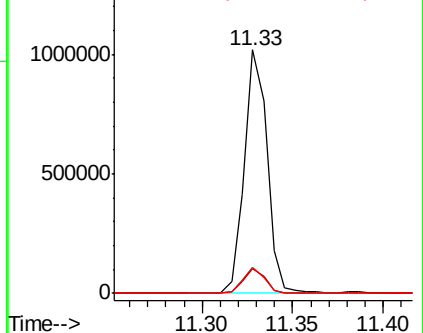
80 10.6 8.6 13.0



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: 4.582 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

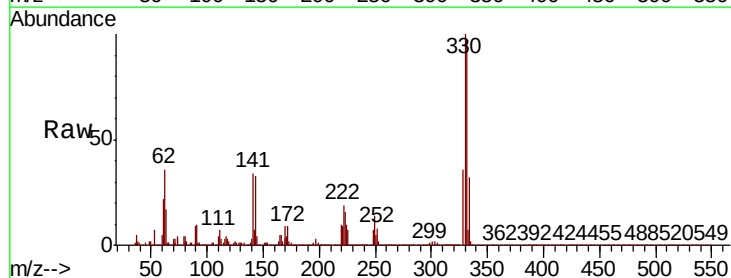
Tgt Ion:248 Resp: 46169

Ion Ratio Lower Upper

248 100

250 201.6 77.0 115.4#

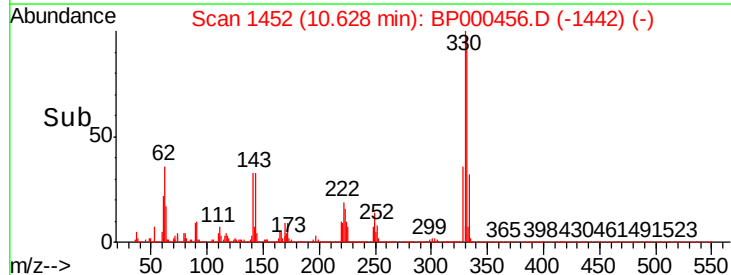
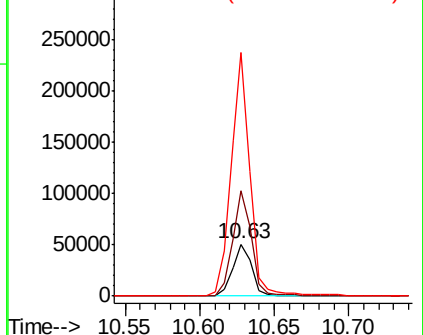
141 466.0 58.5 87.7#

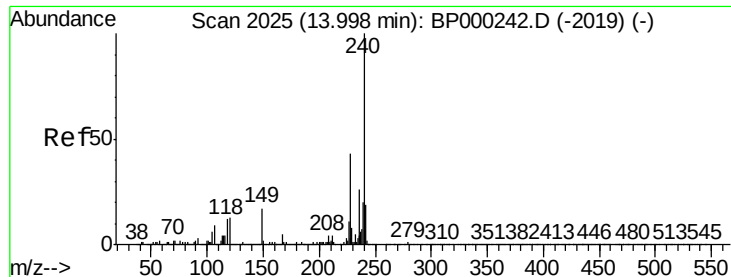


Abundance Ion 248.00 (247.70 to 248.70): E

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: BP000456.D

Acq: 27 Sep 2019 14:43

Instrument :

BNA_P

ClientSampleId :

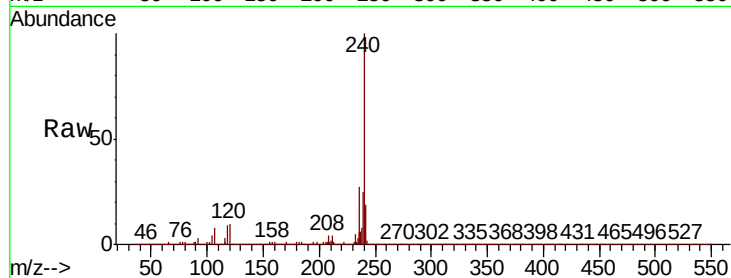
Tot Ion:240 Resp: 790388

Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

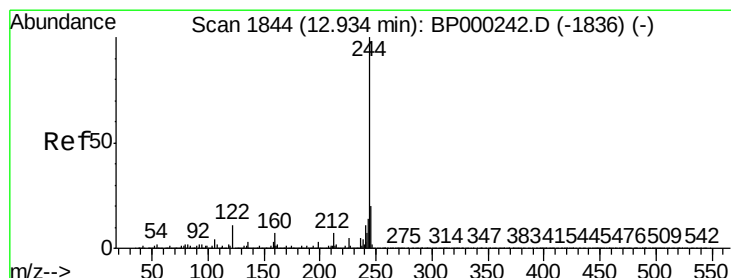
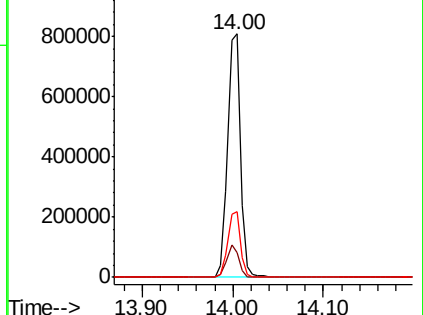
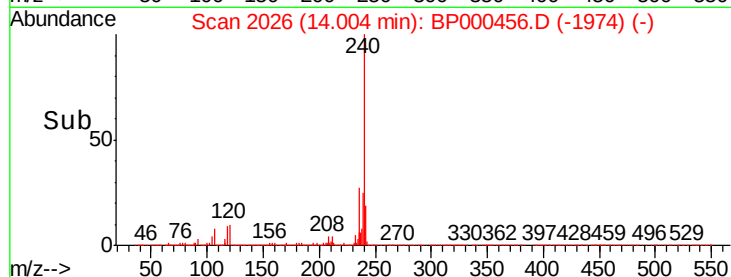
236 26.9 21.0 31.6



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: 85.546 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000456.D

Acq: 27 Sep 2019 14:43

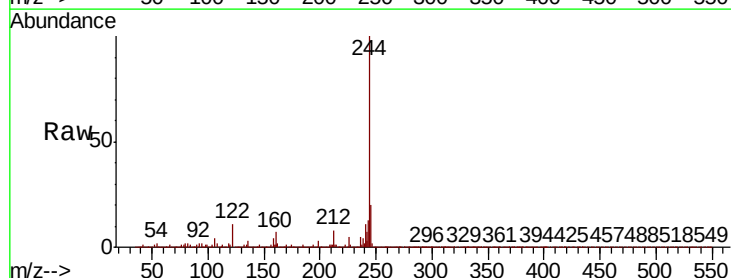
Tgt Ion:244 Resp: 3223056

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

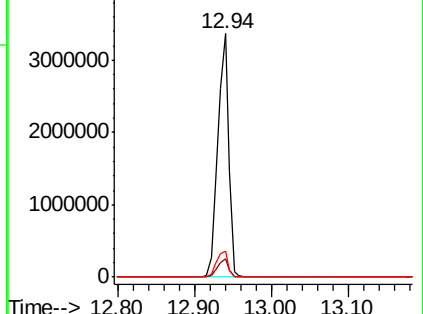
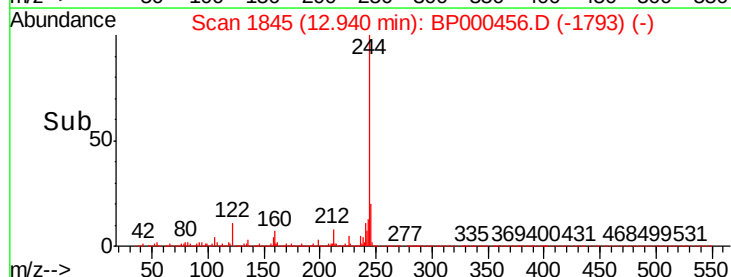
122 10.6 9.0 13.4

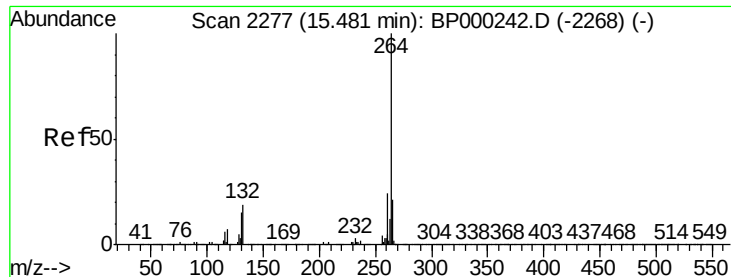


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000456.D
Acq: 27 Sep 2019 14:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.4	17.2	25.8

