

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000454.D
 Acq On : 27 Sep 2019 13:54
 Operator : JU
 Sample : K4657-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:07:51 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	236716	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	848109	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	468845	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	873237	20.00	ng	0.00
76) Chrysene-d12	14.00	240	786931	20.00	ng	0.00
87) Perylene-d12	15.49	264	807678	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1798728	131.18	ng	0.02
7) Phenol-d6	6.43	99	2187988	130.18	ng	0.01
23) Nitrobenzene-d5	7.35	82	1294498	98.48	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	715998	153.97	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2733494	104.93	ng	0.00
79) Terphenyl-d14	12.94	244	3306538	88.15	ng	0.00

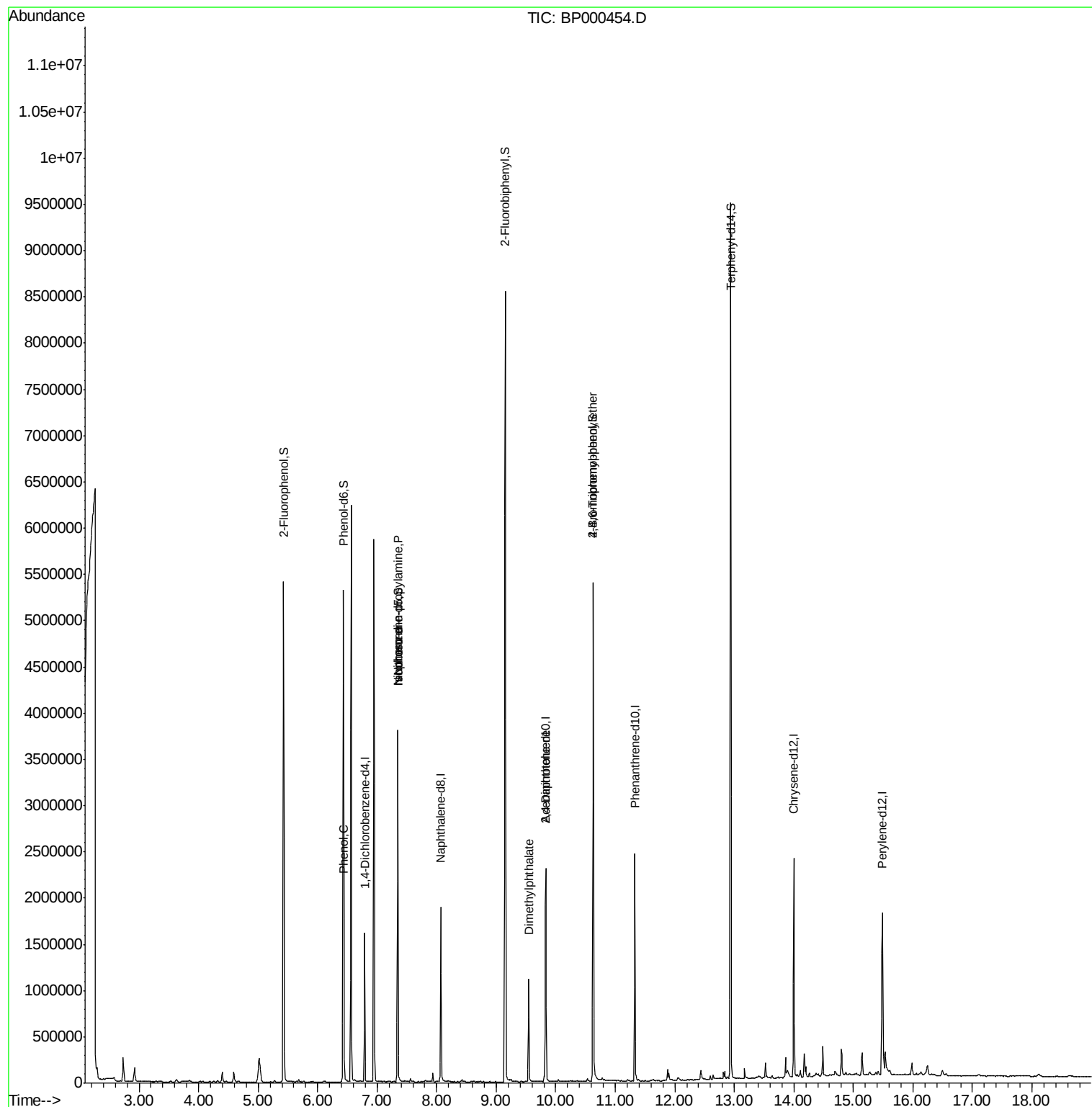
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3157	Below Cal	#	1
10) Phenol	6.45	94	38451	2.014	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	159731	17.974	ng	75
25) Isophorone	7.35	82	1293790	49.706	ng	63
50) Dimethylphthalate	9.55	163	447701	14.016	ng	99
57) 2,4-Dinitrotoluene	9.83	165	60459	6.585	ng	35
67) 4-Bromophenyl-phenylether	10.63	248	49659	5.029	ng	1
69) Atrazine	11.02	200	128	Below Cal	#	30

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

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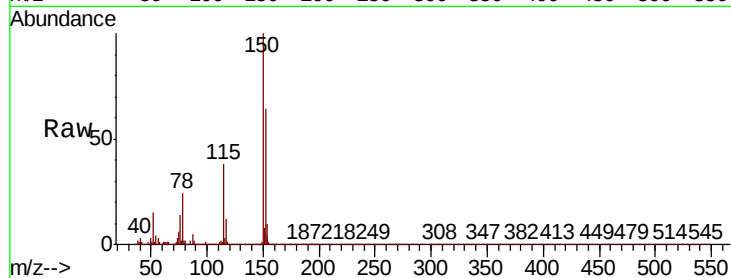


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.2	187.8
115	60.4	49.7	74.5

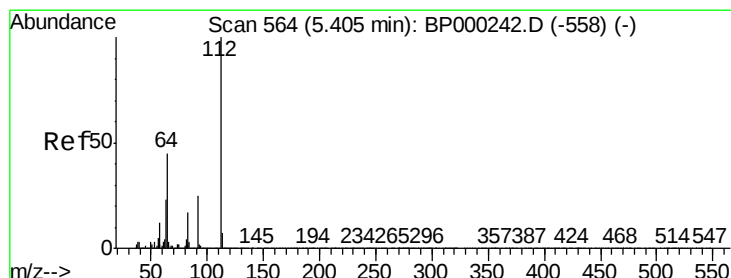
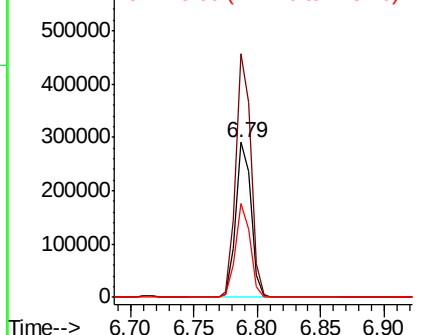
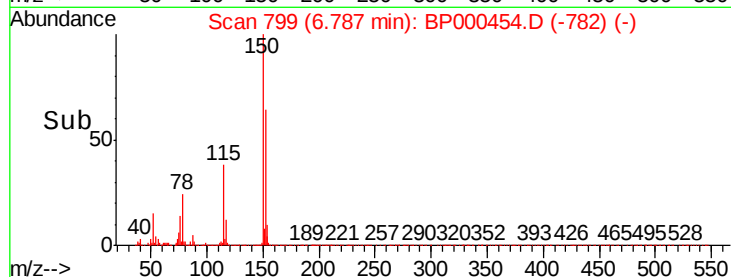


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

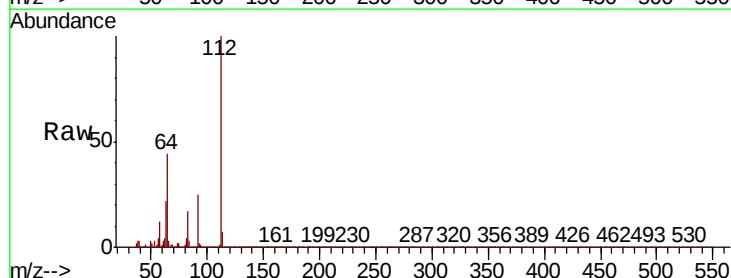
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.180 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	36.2	54.4
63	22.4	18.3	27.5

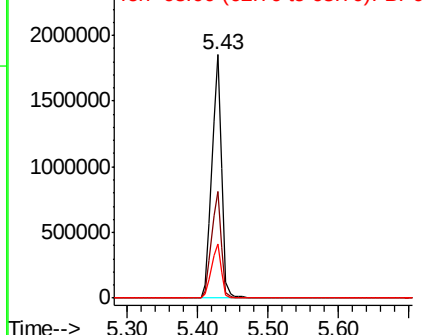
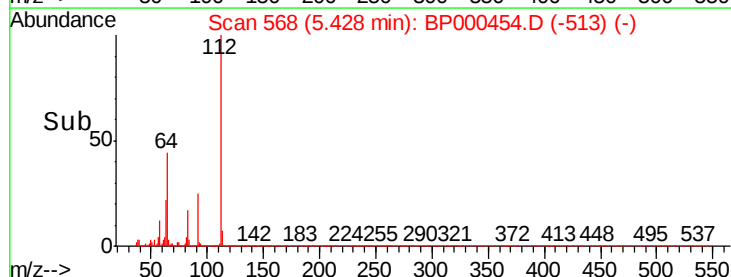


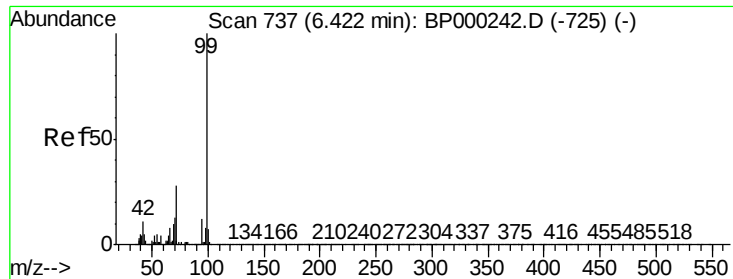
Abundance

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: 130.176 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

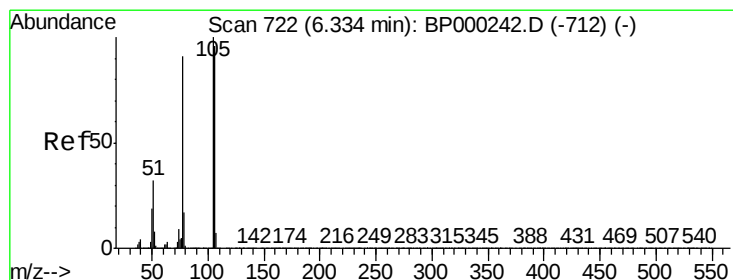
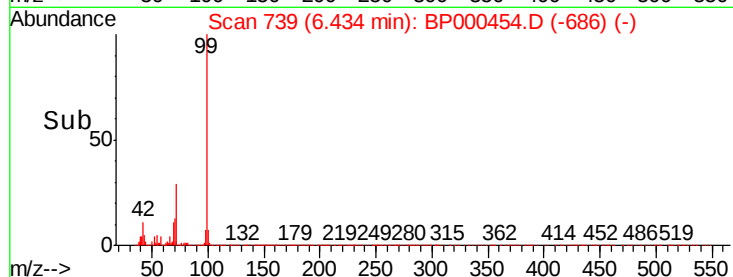
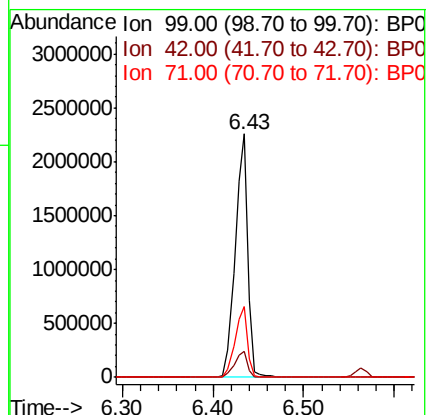
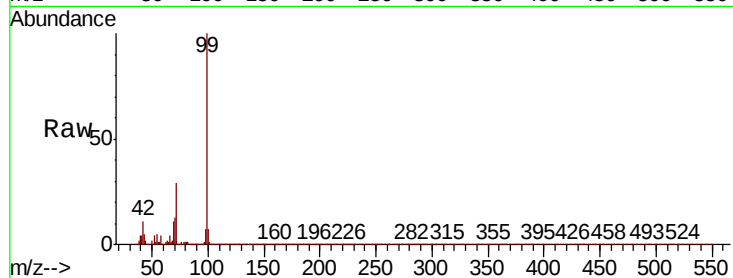
Tot Ion: 99 Resp: 2187988

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 29.3 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

Delta R.T. 0.10 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

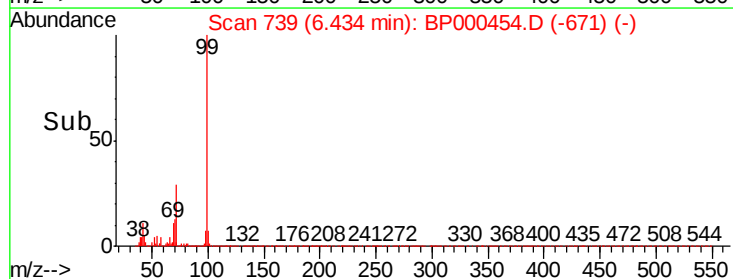
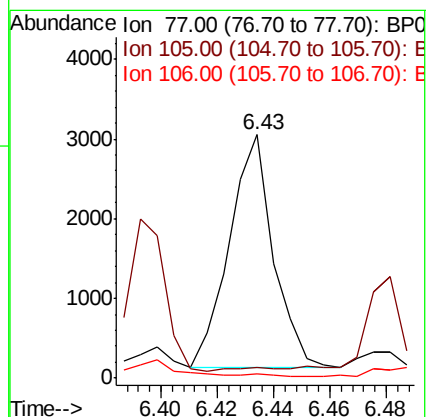
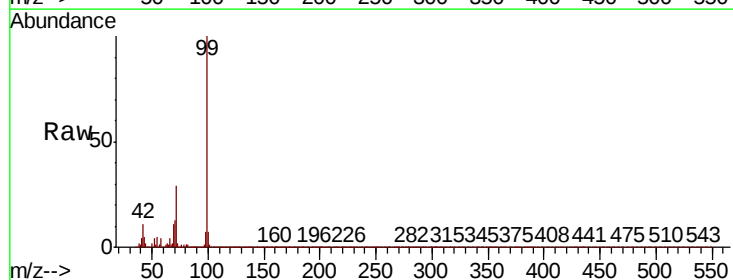
Tgt Ion: 77 Resp: 3157

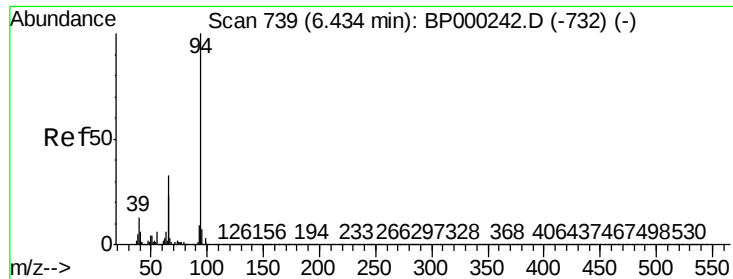
Ion Ratio Lower Upper

77 100

105 4.5 89.6 129.6#

106 1.7 84.6 124.6#





#10

Phenol

Concen: 2.014 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampled :

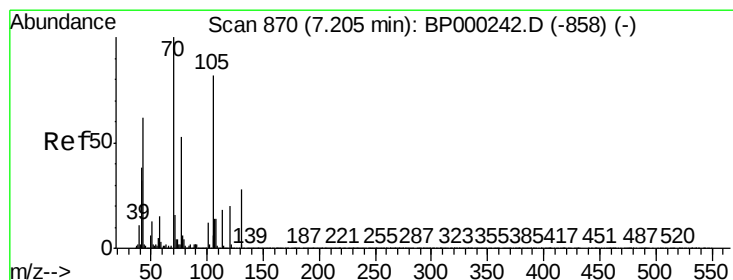
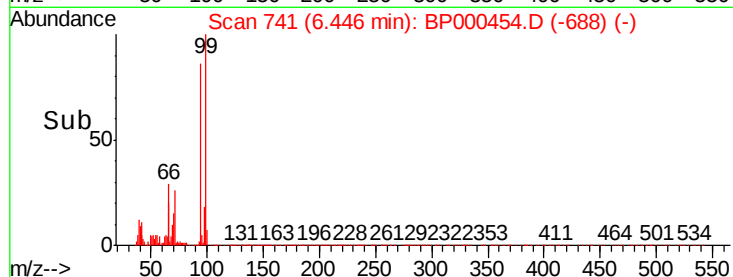
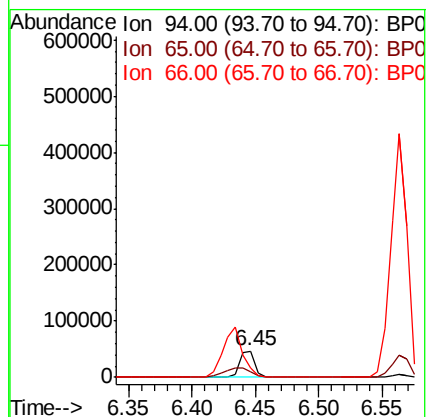
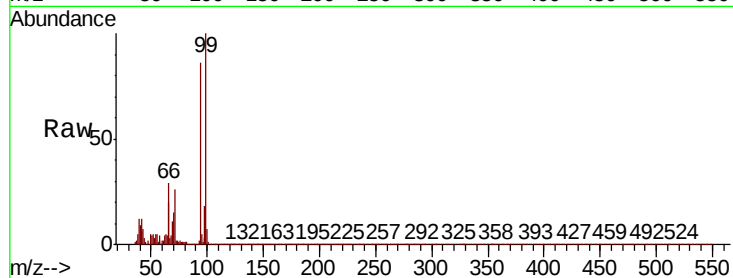
Tot Ion: 94 Resp: 38451

Ion Ratio Lower Upper

94 100

65 22.8 3.3 43.3

66 33.4 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.974 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Tgt Ion: 70 Resp: 159731

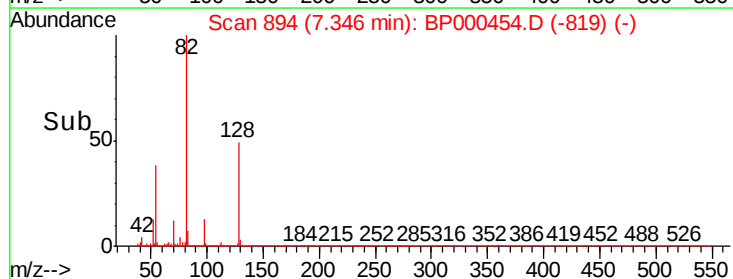
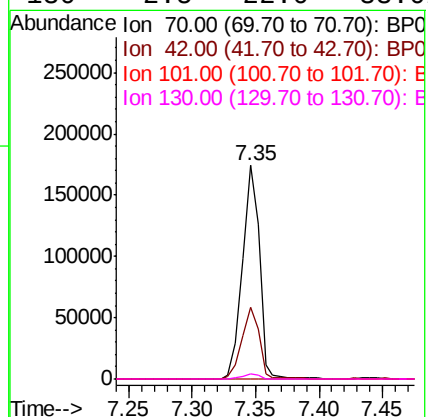
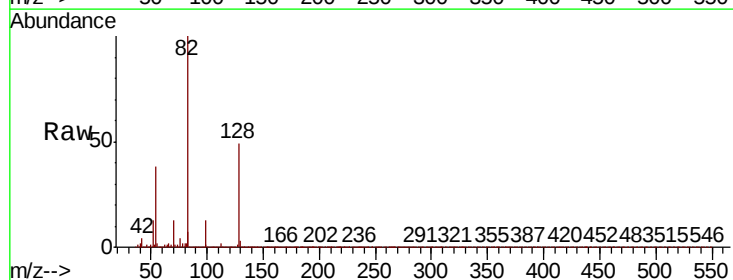
Ion Ratio Lower Upper

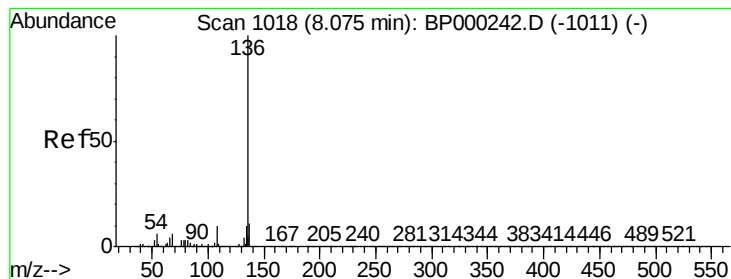
70 100

42 33.8 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: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 848109

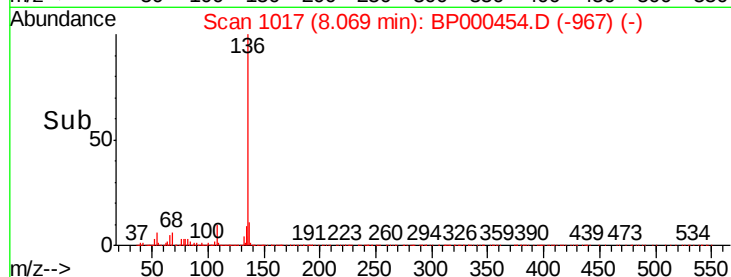
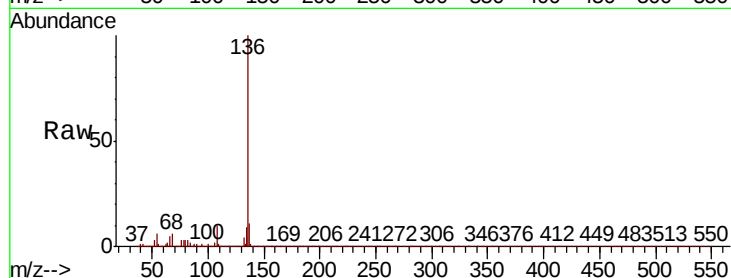
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.7 4.5 6.7

68 5.8 4.5 6.7

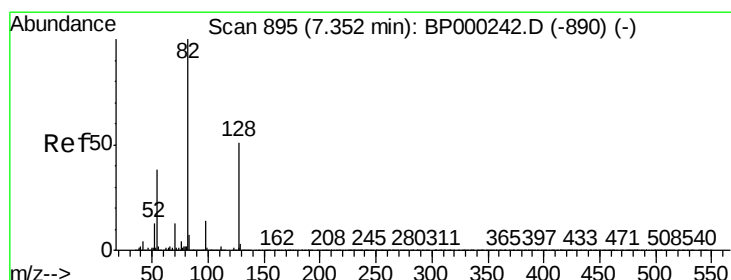
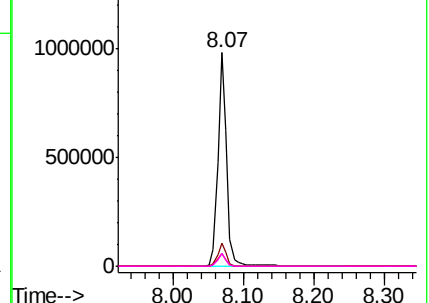


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.478 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

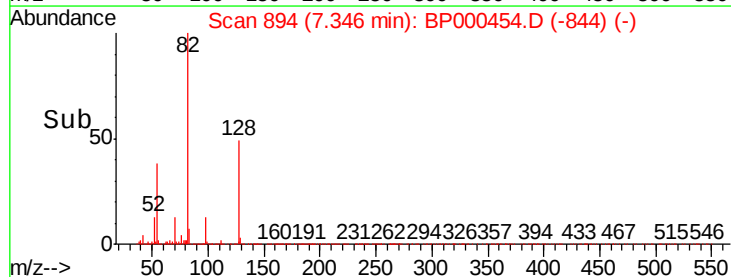
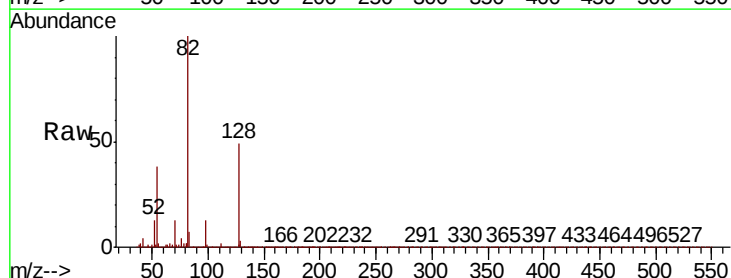
Tgt Ion: 82 Resp: 1294498

Ion Ratio Lower Upper

82 100

128 49.2 40.7 61.1

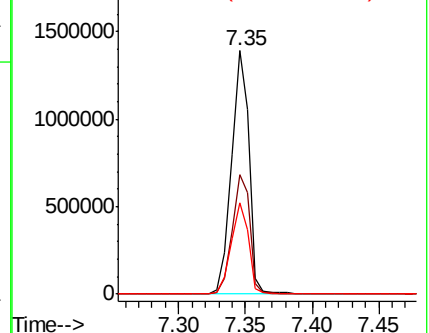
54 37.7 30.1 45.1

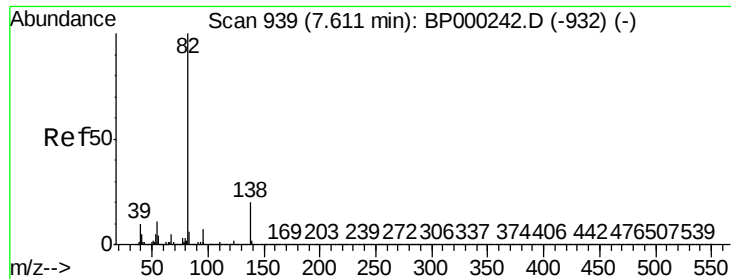


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 49.706 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

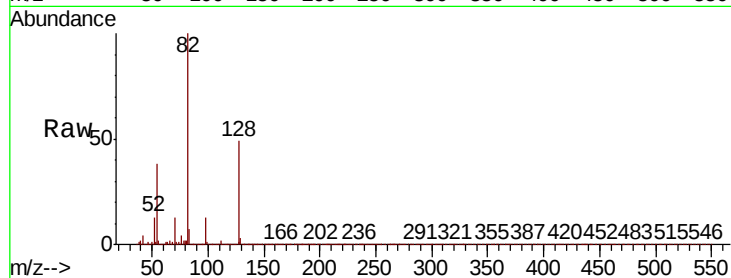
Tot Ion: 82 Resp: 1293790

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

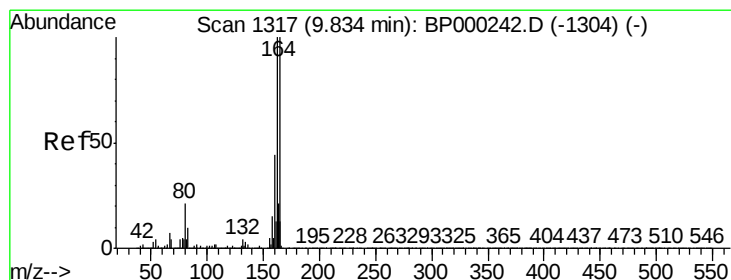
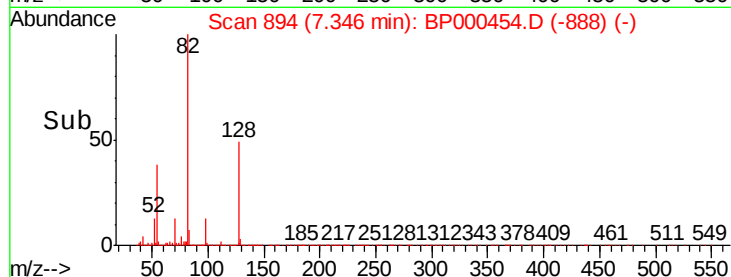
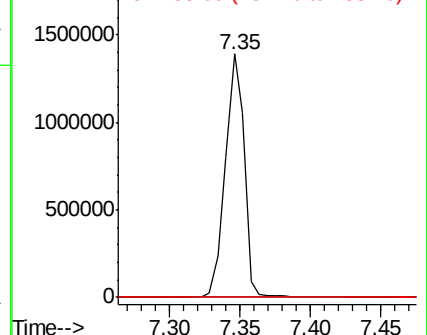
138 0.0 15.9 23.9#



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: BP000454.D

Acq: 27 Sep 2019 13:54

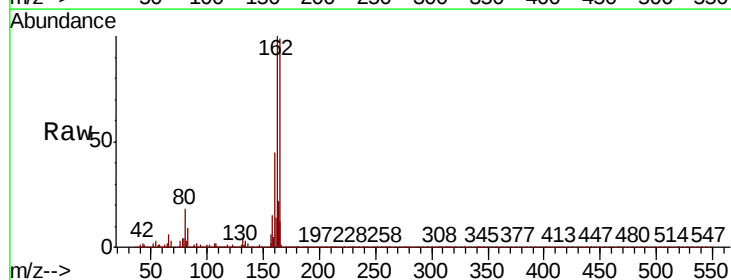
Tgt Ion:164 Resp: 468845

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

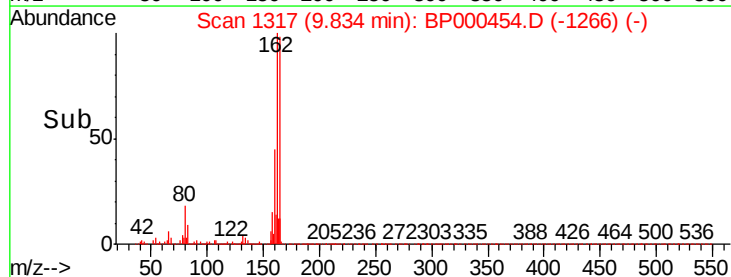
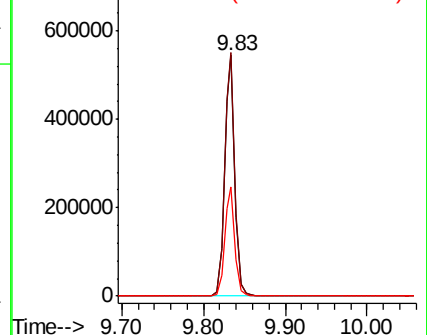
160 45.5 35.6 53.4

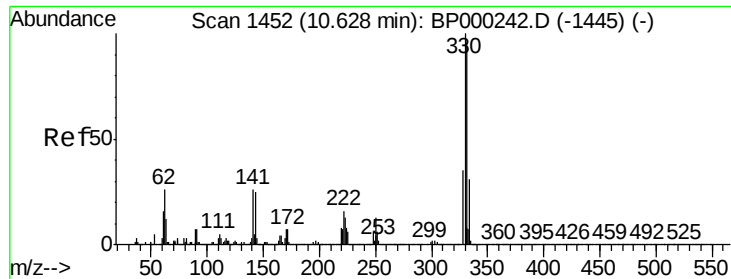


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

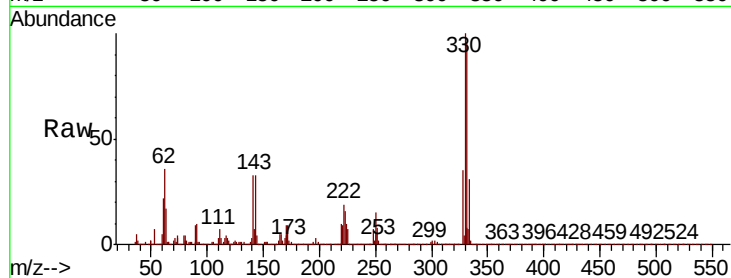




#42
2,4,6-Tribromophenol
Concen: 153.968 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	31.8	26.5	39.7

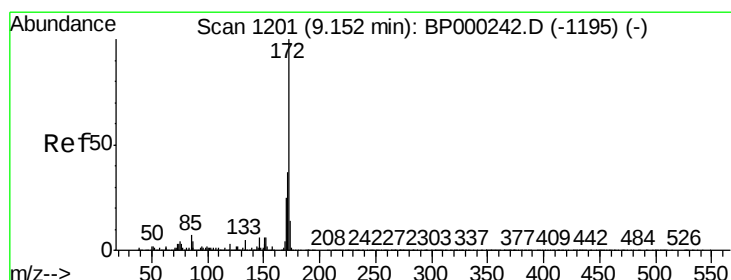
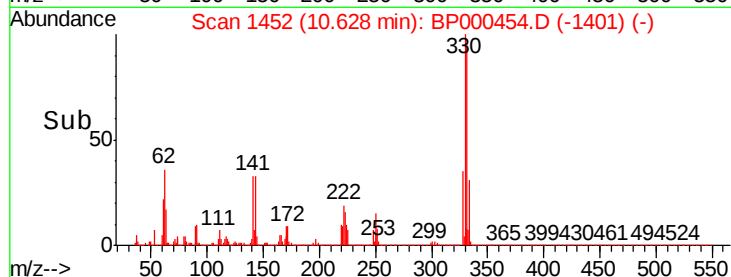
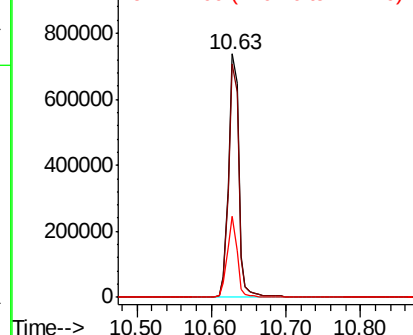


Abundance

Ion 329.80 (329.50 to 330.50): E

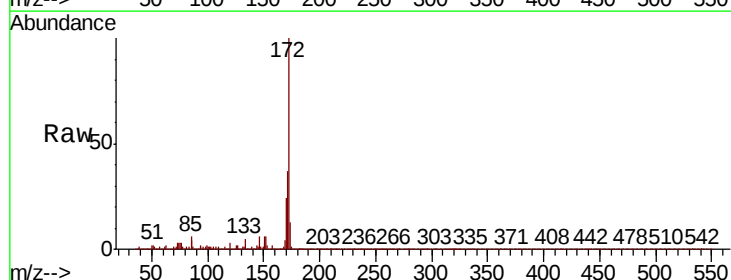
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 104.934 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.4	19.8	29.6

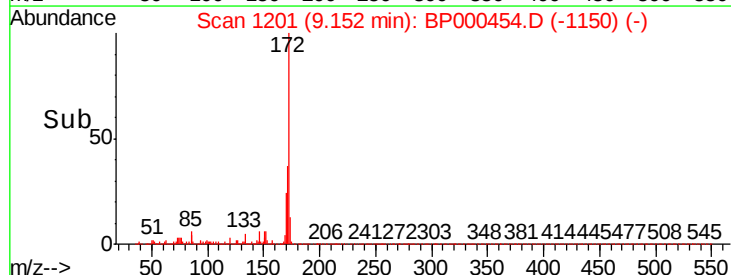
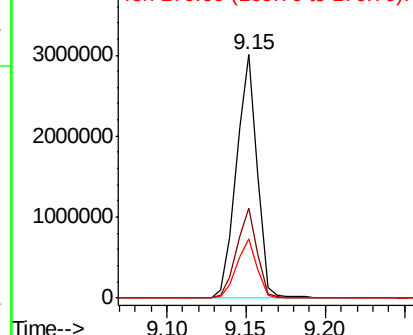


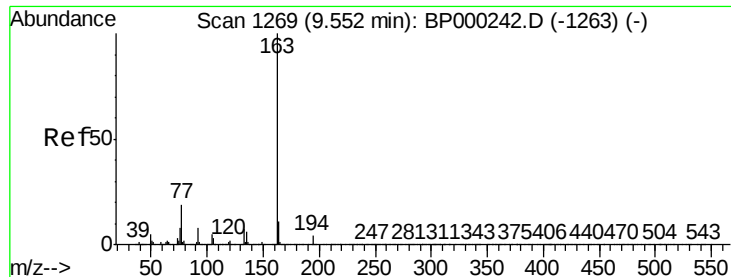
Abundance

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: 14.016 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

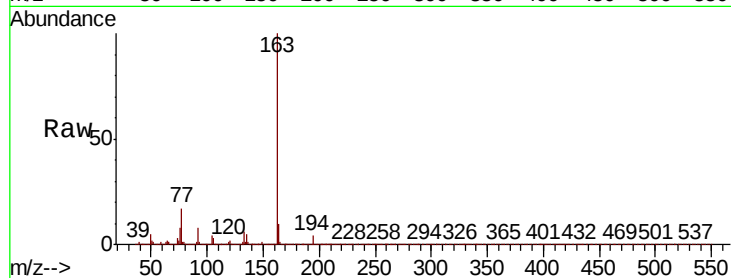
Tot Ion:163 Resp: 447701

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

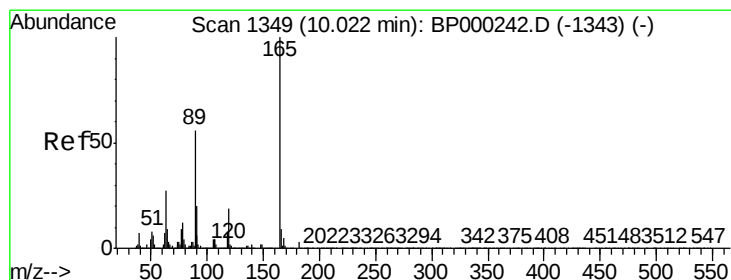
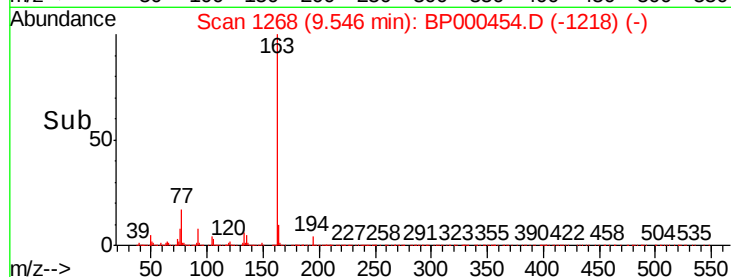
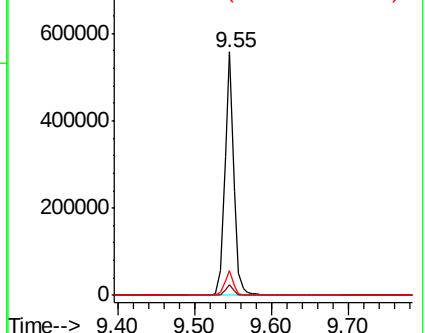
164 9.9 8.5 12.7



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: 6.585 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Tgt Ion:165 Resp: 60459

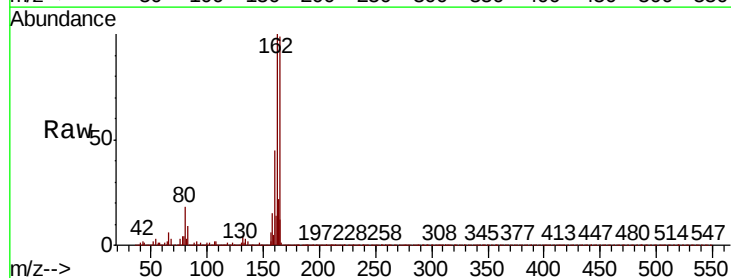
Ion Ratio Lower Upper

165 100

63 1.1 21.7 32.5#

89 1.4 45.0 67.6#

182 0.1 2.4 3.6#

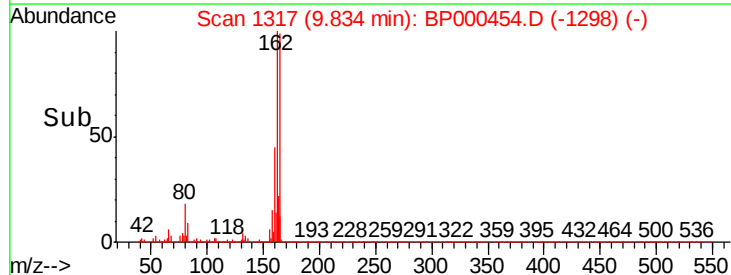
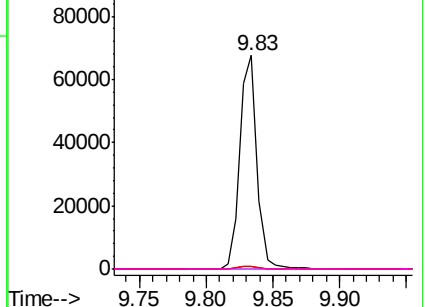


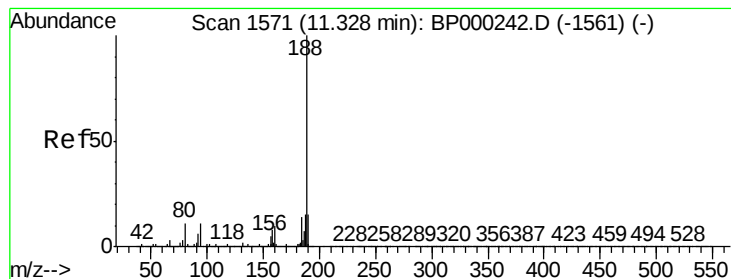
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

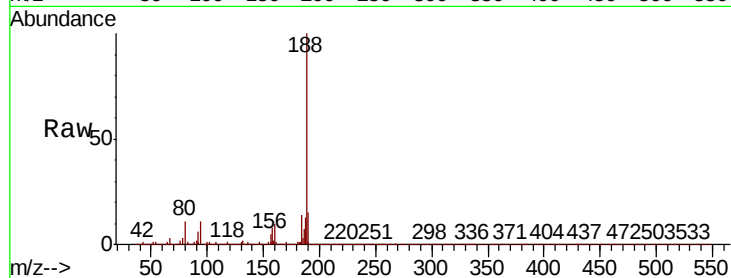
Tot Ion:188 Resp: 873237

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

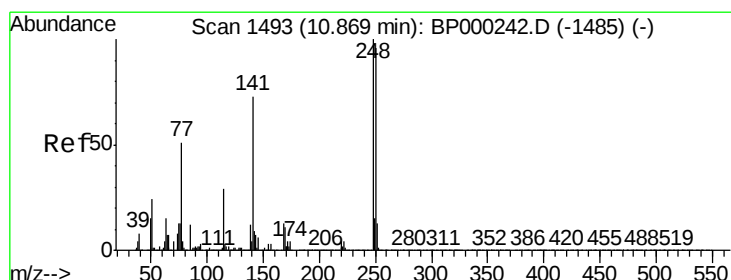
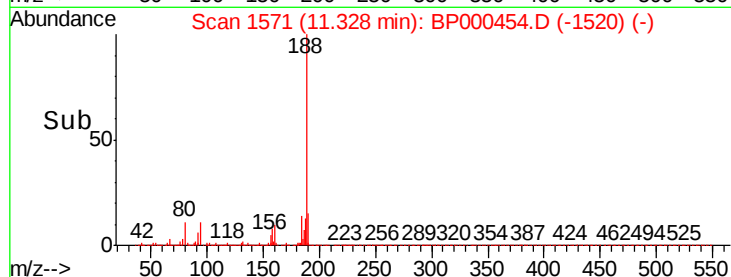
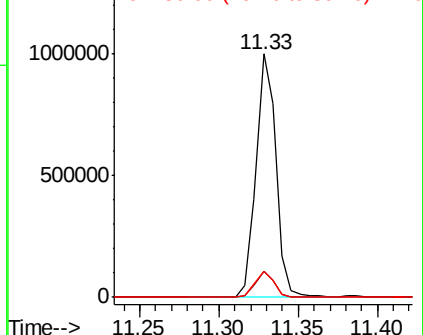
80 10.8 8.6 13.0



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: 5.029 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

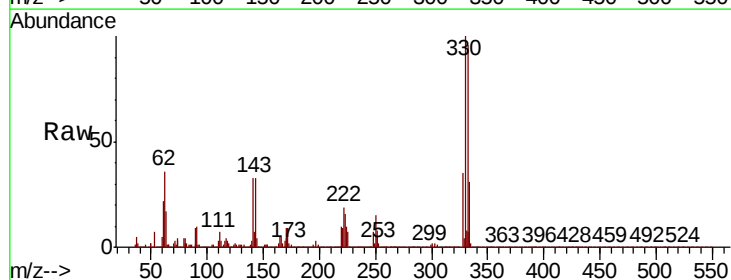
Tgt Ion:248 Resp: 49659

Ion Ratio Lower Upper

248 100

250 200.3 77.0 115.4#

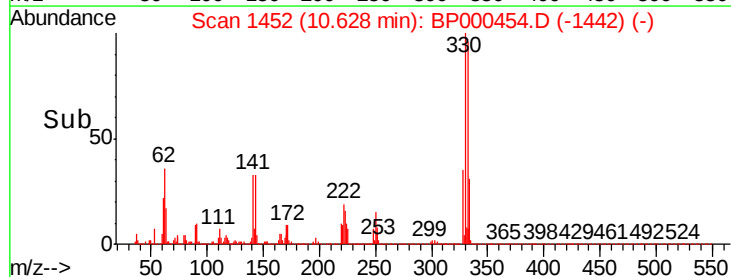
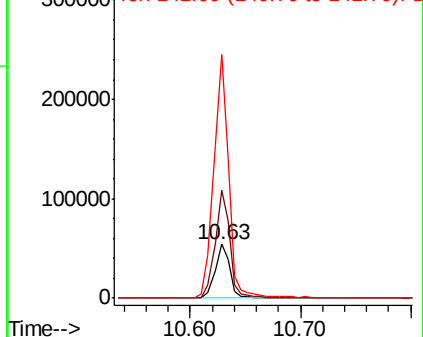
141 454.3 58.5 87.7#

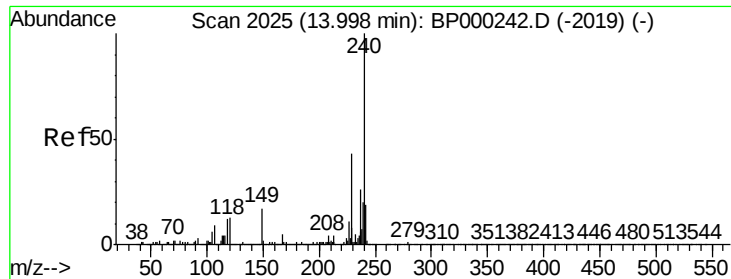


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

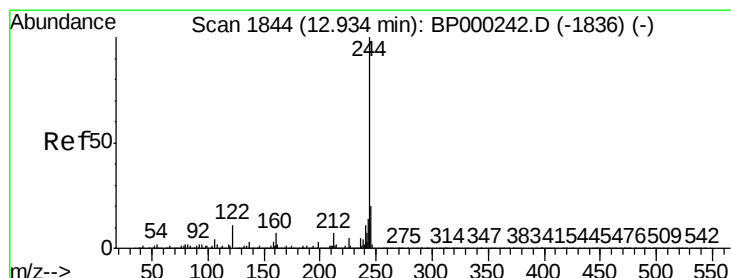
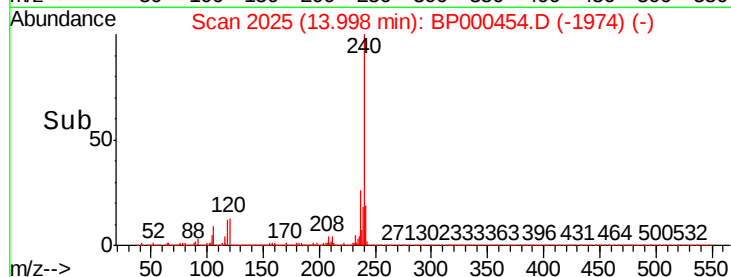
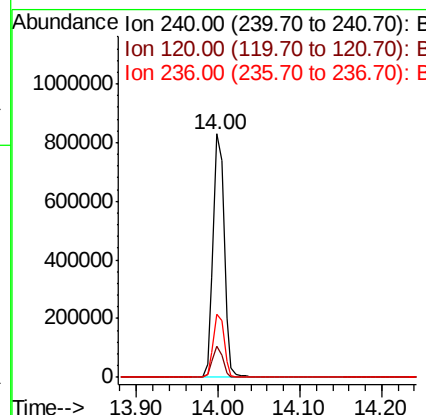
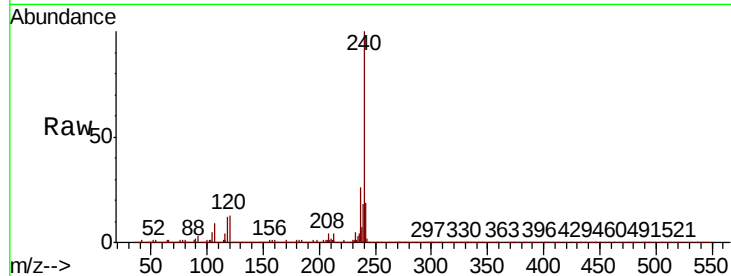




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BP000454.D
 Acq: 27 Sep 2019 13:54

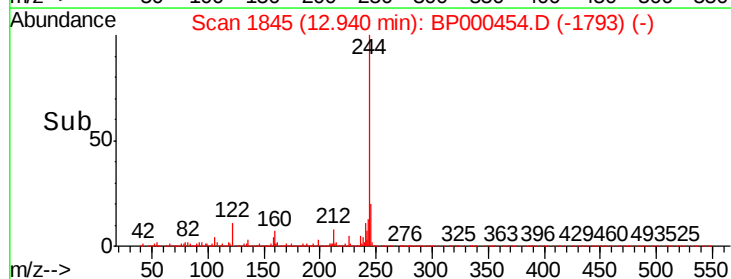
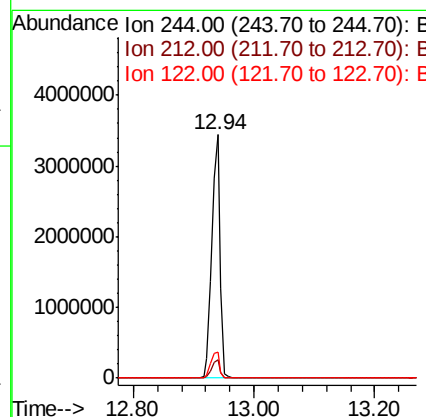
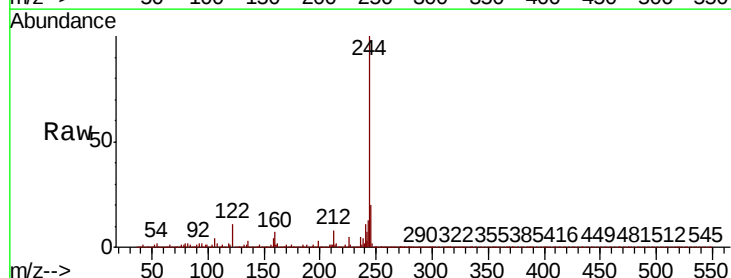
Instrument :
 BNA_P
 ClientSampleId :

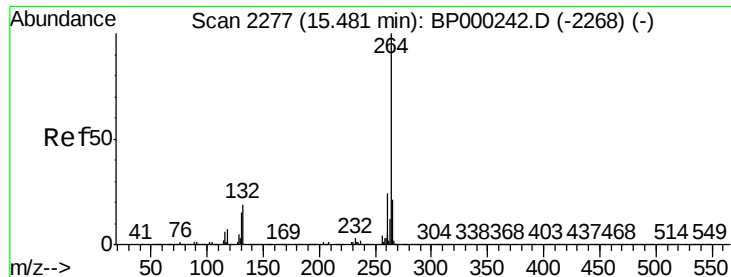
Tot Ion:240 Resp: 786931
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.4 15.6
 236 26.1 21.0 31.6



#79
 Terphenyl-d14
 Concen: 88.148 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000454.D
 Acq: 27 Sep 2019 13:54

Tgt Ion:244 Resp: 3306538
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.6 9.0 13.4

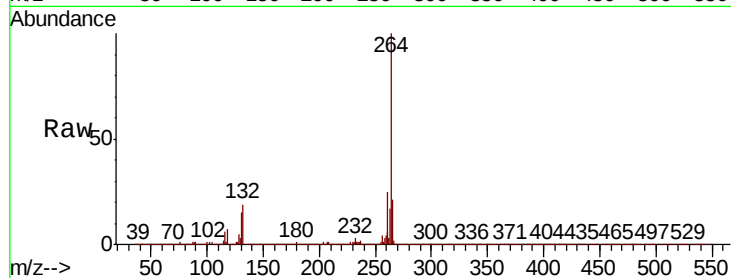




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 264 Resp: 807678
Ion Ratio Lower Upper
264 100
260 24.8 18.9 28.3
265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

