

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000355.D
 Acq On : 20 Sep 2019 15:36
 Operator : HP/JU
 Sample : K4957-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 20 23:14:18 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	179598	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	661510	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	369401	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	665369	20.00	ng	0.00
76) Chrysene-d12	13.99	240	580893	20.00	ng	-0.01
87) Perylene-d12	15.47	264	669431	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	887605	85.32	ng	0.00
7) Phenol-d6	6.43	99	1146592	89.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	627913	61.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	374297	102.16	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1497350	72.95	ng	0.00
79) Terphenyl-d14	12.93	244	1726136	62.34	ng	0.00

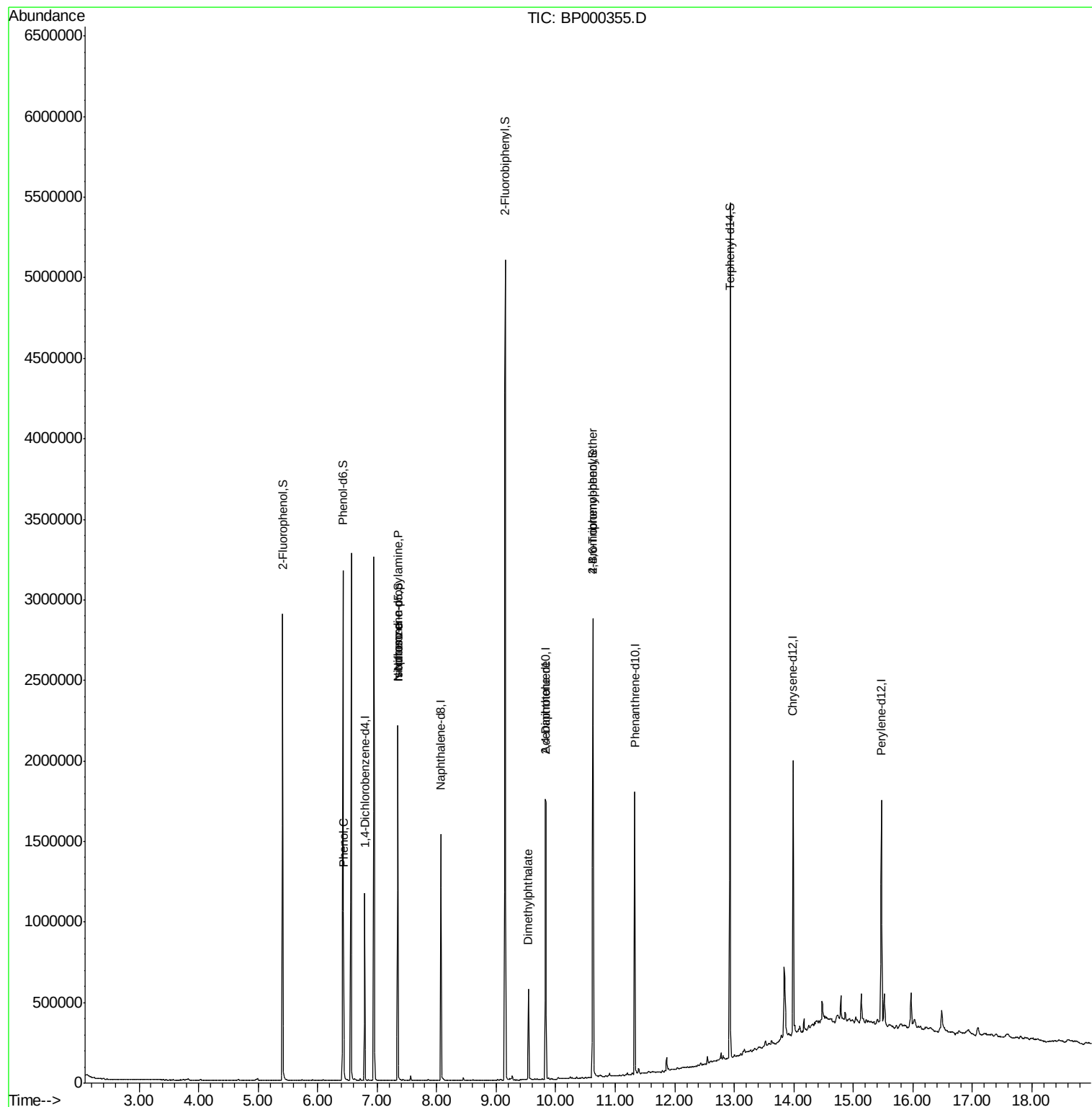
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	19504	Below Cal		87
10) Phenol	6.44	94	57661	3.980	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	78740	11.678	ng	# 77
25) Isophorone	7.35	82	627478	30.907	ng	# 63
50) Dimethylphthalate	9.55	163	240989	9.575	ng	99
57) 2,4-Dinitrotoluene	9.83	165	48667	6.727	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	25097	3.336	ng	# 1
69) Atrazine	11.02	200	81	Below Cal		# 1

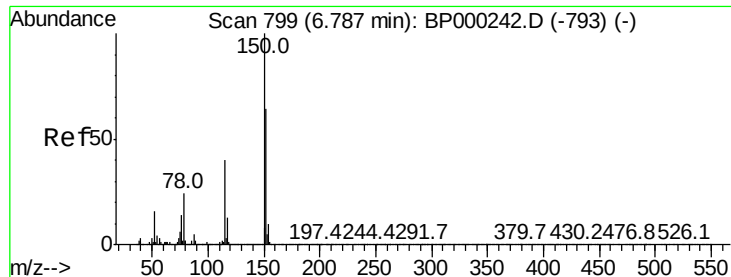
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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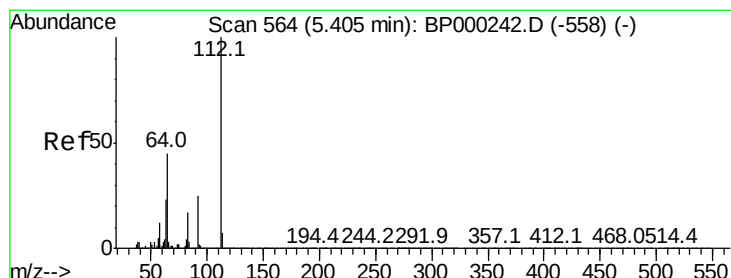
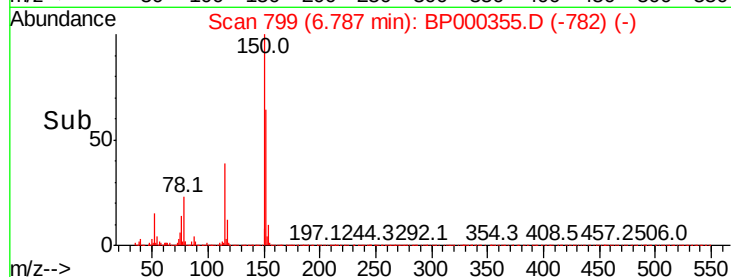
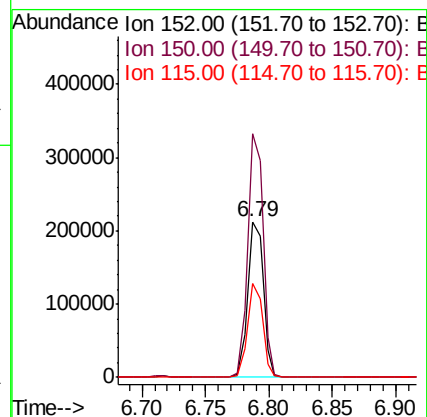
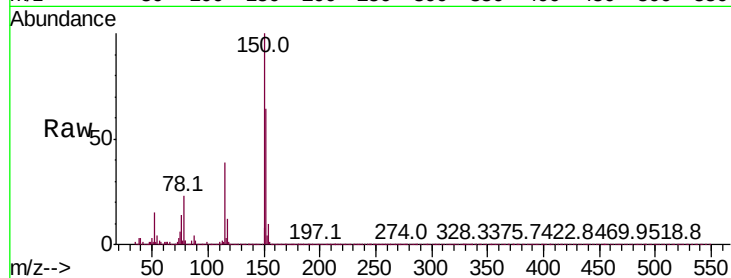


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000355.D
Acq: 20 Sep 2019 15:36

Instrument :
BNA_P
ClientSampled :

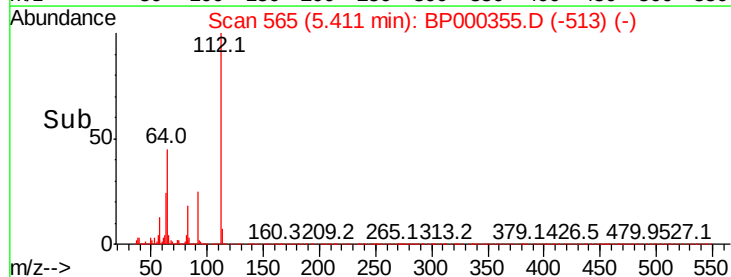
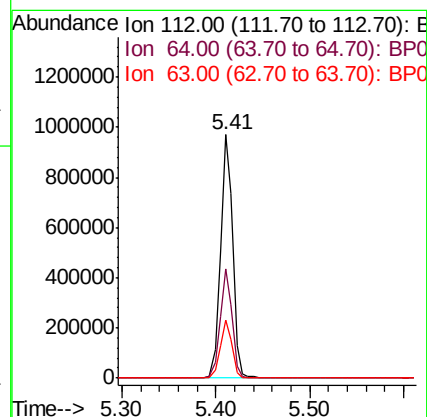
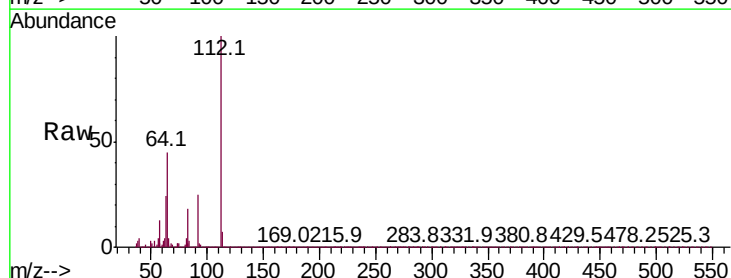
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.2	187.8
115	60.6	49.7	74.5

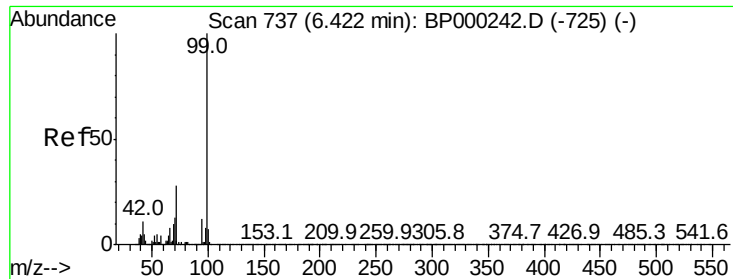


#5

2-Fluorophenol
Concen: 85.319 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000355.D
Acq: 20 Sep 2019 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	36.2	54.4
63	23.6	18.3	27.5





#7

Phenol-d6

Concen: 89.913 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

Instrument :

BNA_P

ClientSampleId :

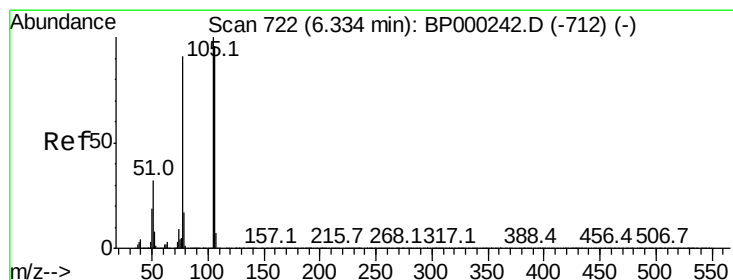
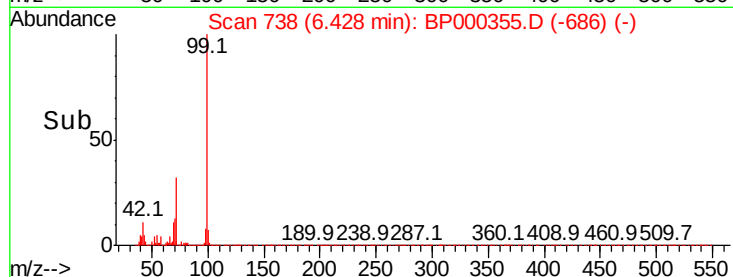
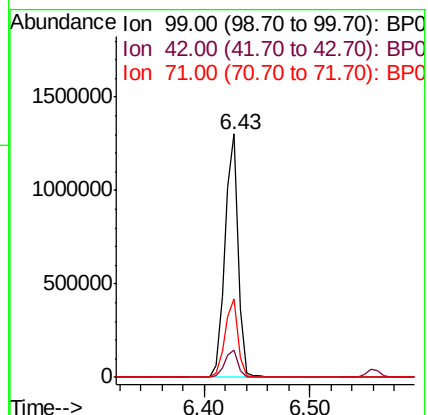
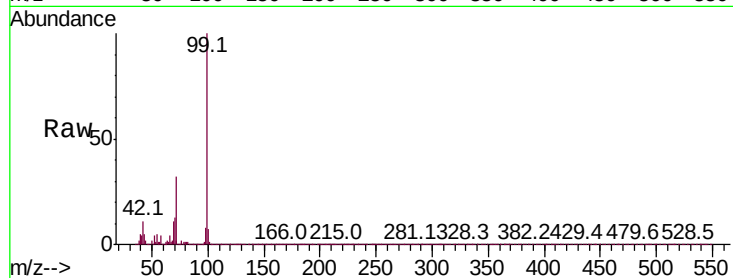
Tot Ion: 99 Resp: 1146592

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 32.1 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.56 min Scan# 761

Delta R.T. 0.23 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

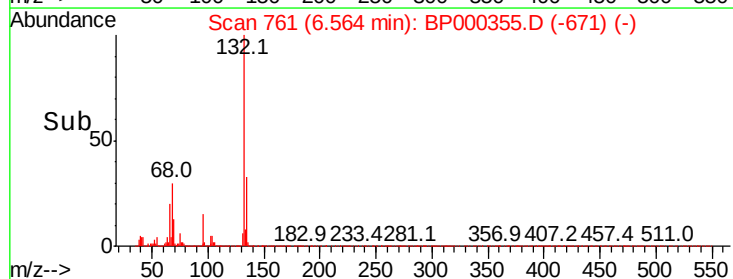
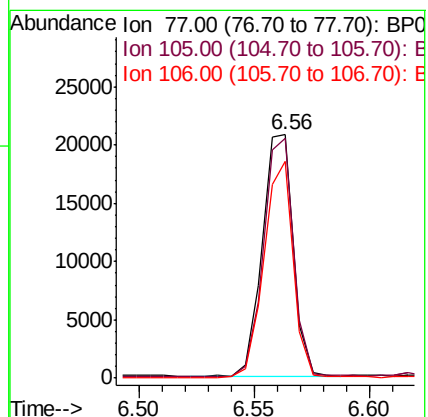
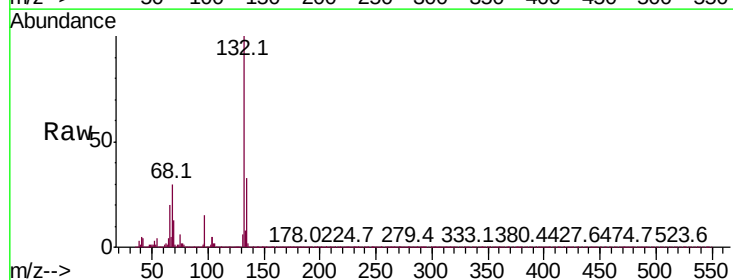
Tgt Ion: 77 Resp: 19504

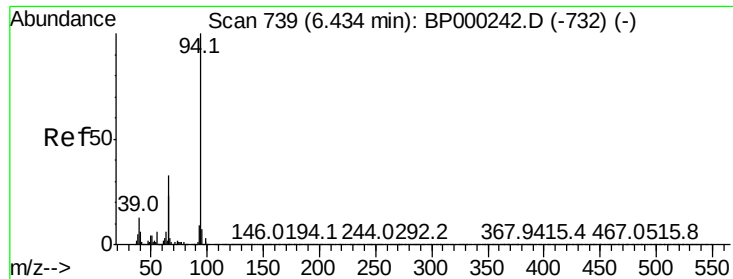
Ion Ratio Lower Upper

77 100

105 98.6 89.6 129.6

106 88.9 84.6 124.6





#10

Phenol

Concen: 3.980 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

Instrument :

BNA_P

ClientSampled :

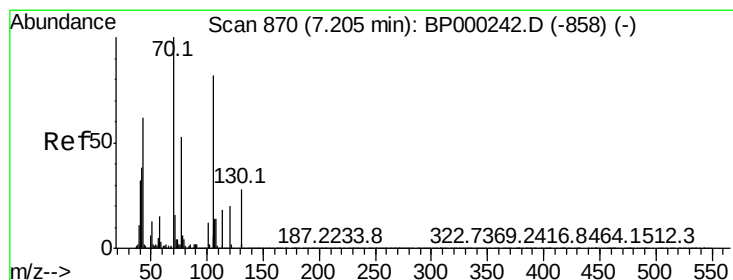
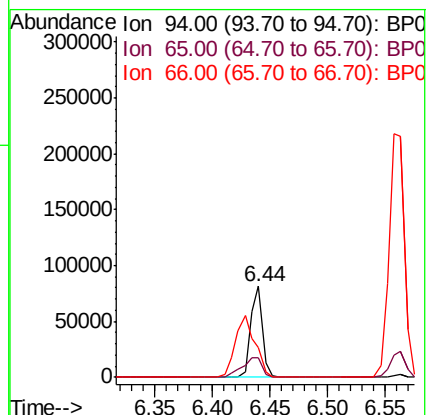
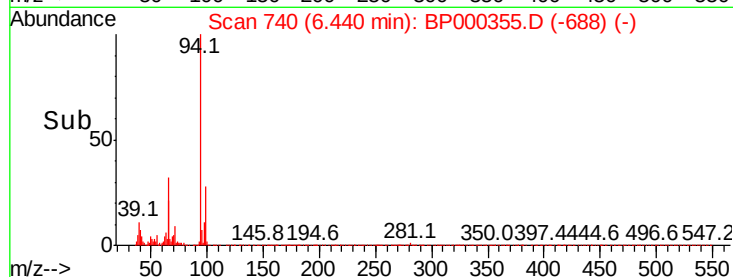
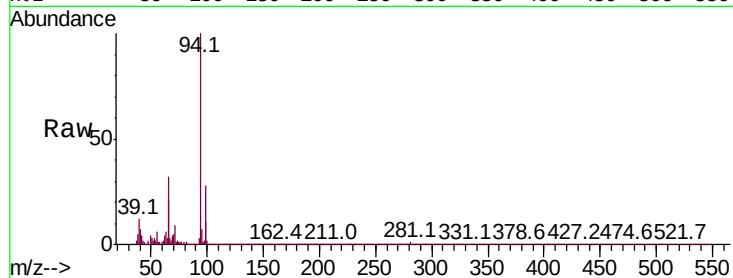
Tot Ion: 94 Resp: 57661

Ion Ratio Lower Upper

94 100

65 21.3 3.3 43.3

66 32.2 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.678 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

Tgt Ion: 70 Resp: 78740

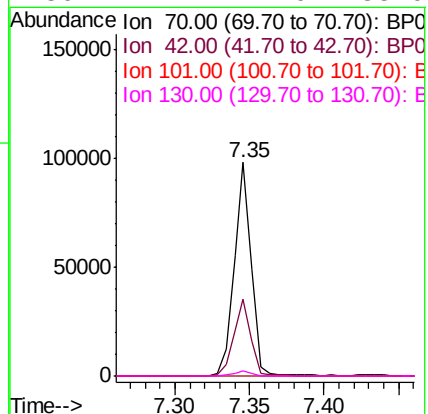
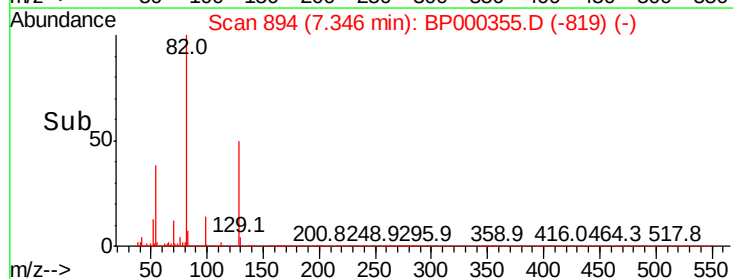
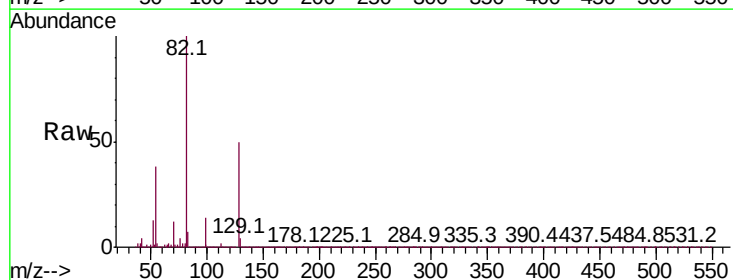
Ion Ratio Lower Upper

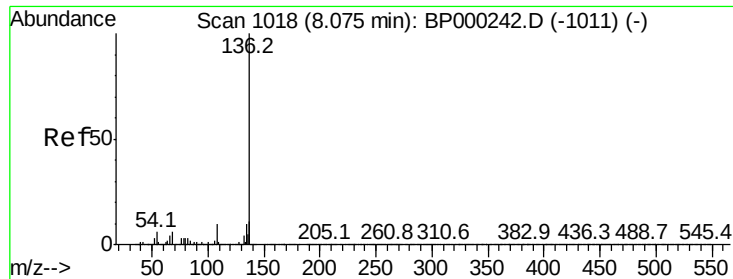
70 100

42 36.1 30.7 46.1

101 0.0 9.6 14.4#

130 2.7 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: BP000355.D

Acq: 20 Sep 2019 15:36

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 661510

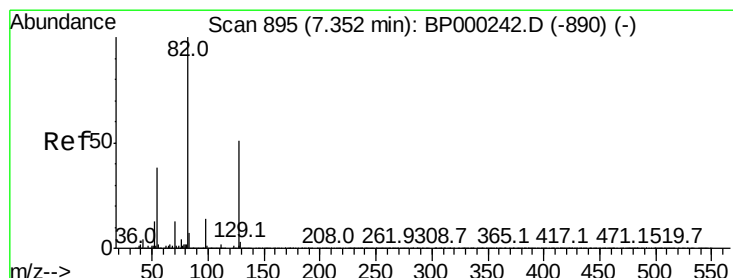
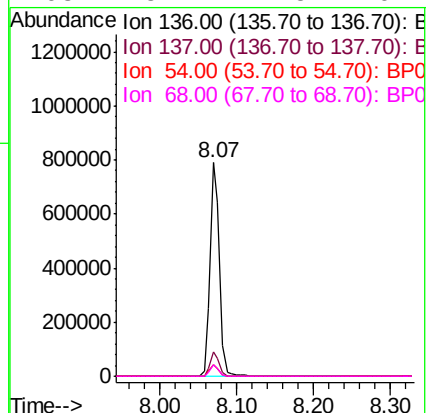
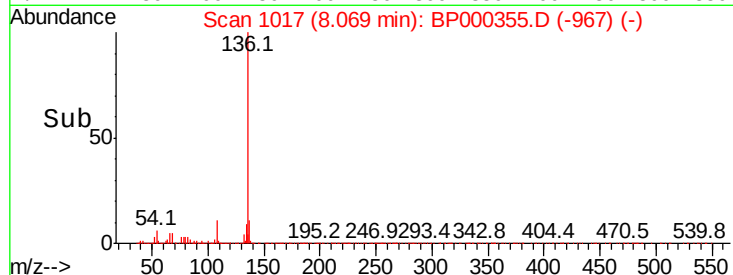
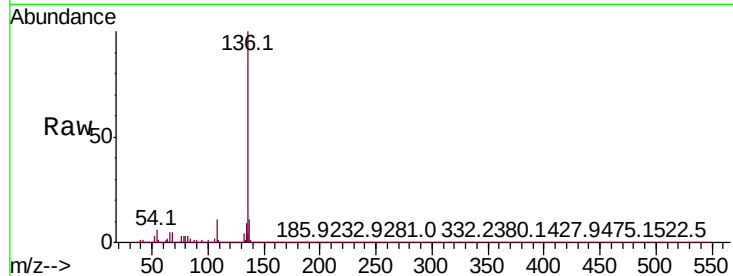
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.6 4.5 6.7

68 5.4 4.5 6.7



#23

Nitrobenzene-d5

Concen: 61.243 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

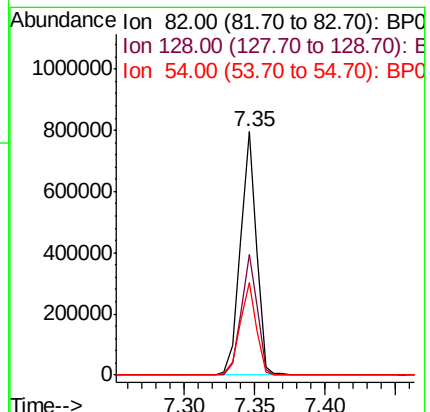
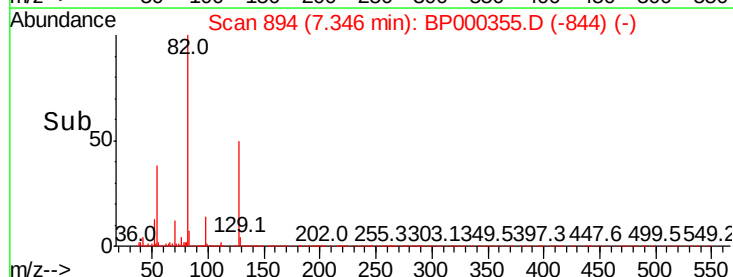
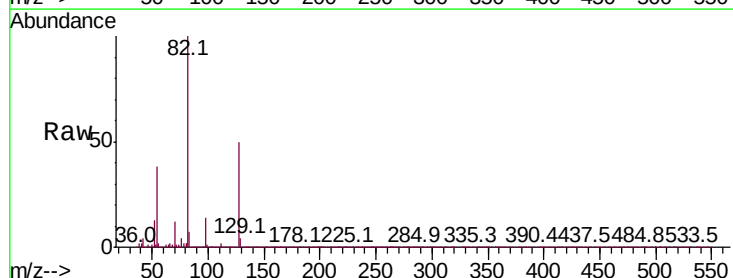
Tgt Ion: 82 Resp: 627913

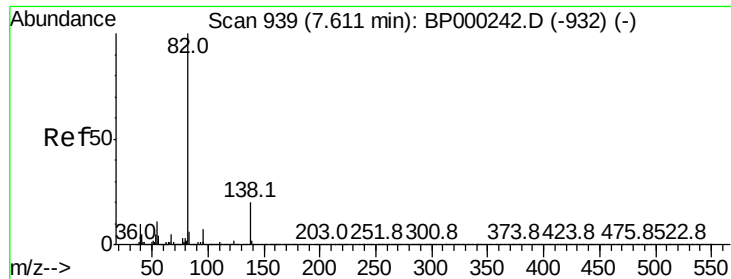
Ion Ratio Lower Upper

82 100

128 49.5 40.7 61.1

54 38.2 30.1 45.1





#25

Isophorone

Concen: 30.907 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

Instrument :

BNA_P

ClientSampleId :

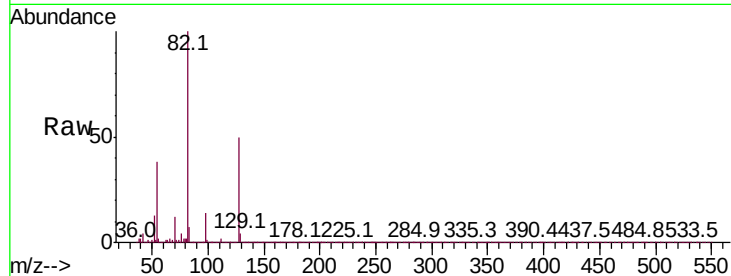
Tot Ion: 82 Resp: 627478

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



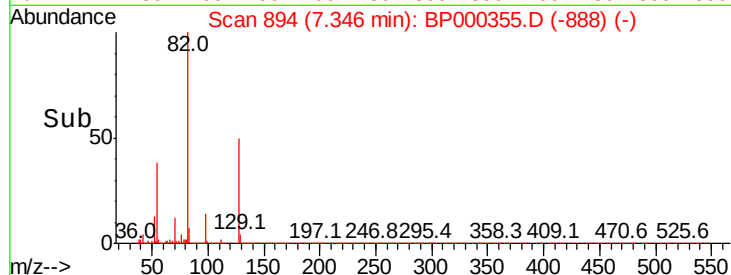
Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

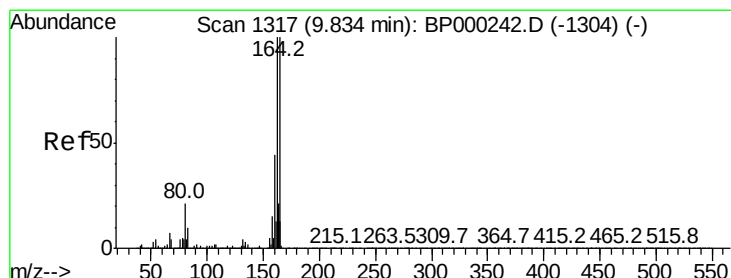
Ion 138.00 (137.70 to 138.70): BP0

7.35

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

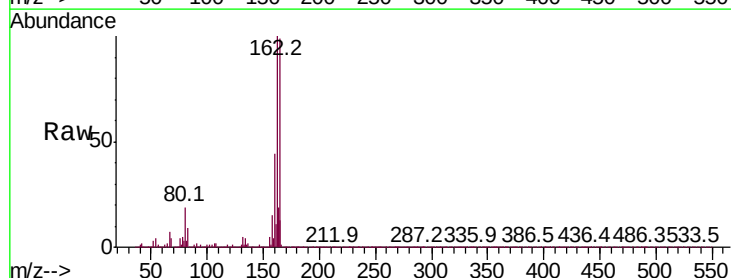
Tgt Ion: 164 Resp: 369401

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

160 44.5 35.6 53.4



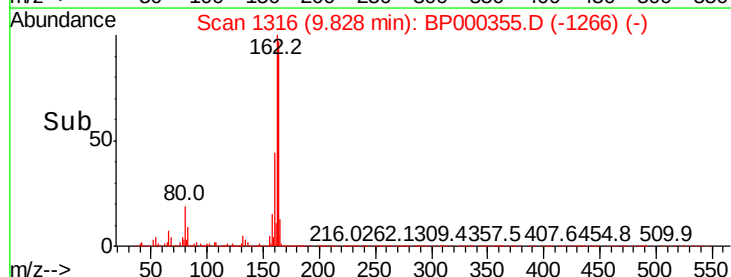
Abundance Ion 164.00 (163.70 to 164.70): E

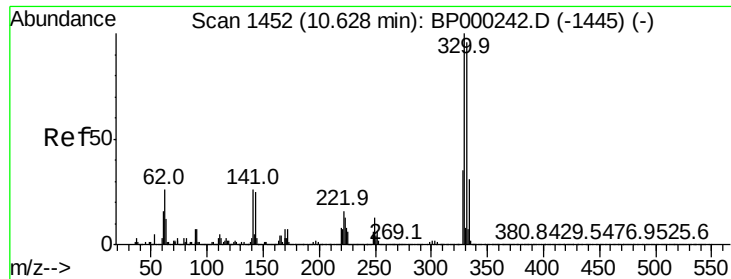
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.83

Time-->

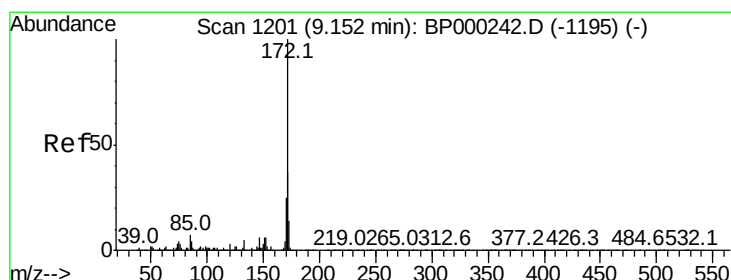
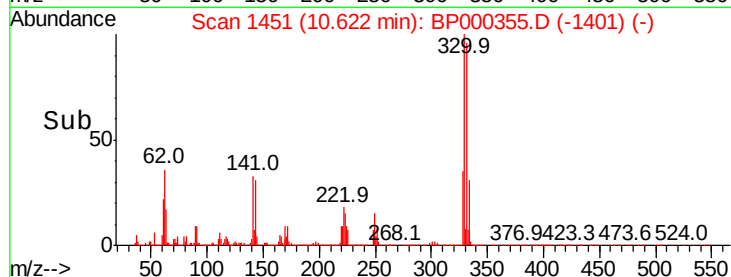
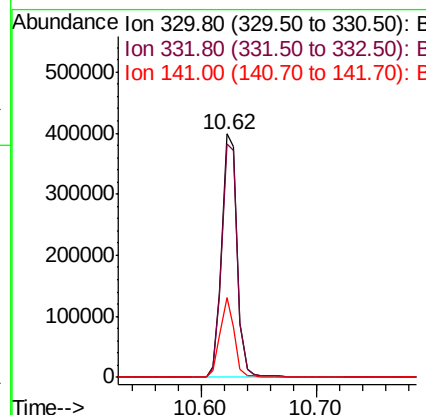
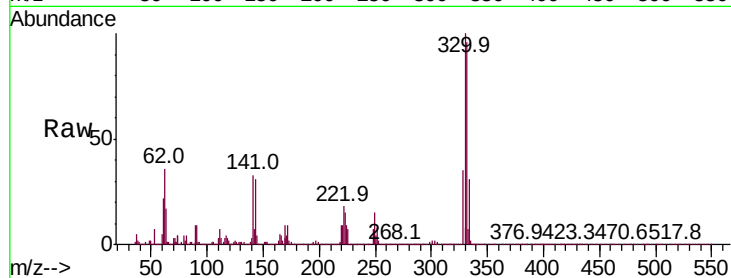




#42
2,4,6-Tribromophenol
Concen: 102.156 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000355.D
Acq: 20 Sep 2019 15:36

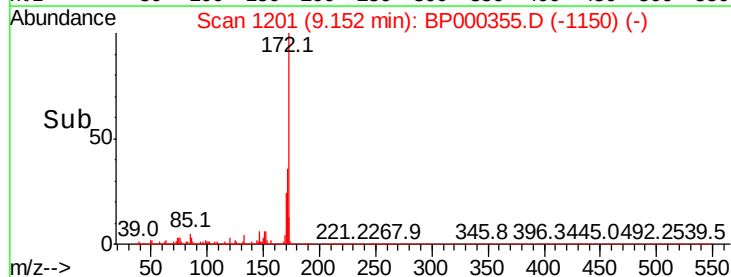
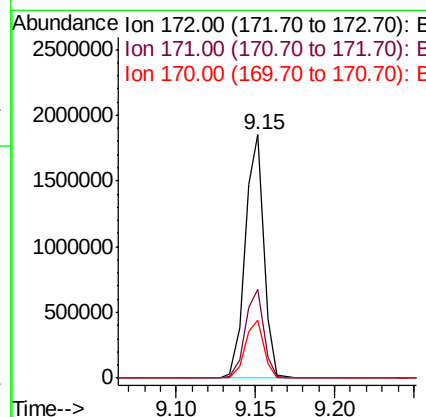
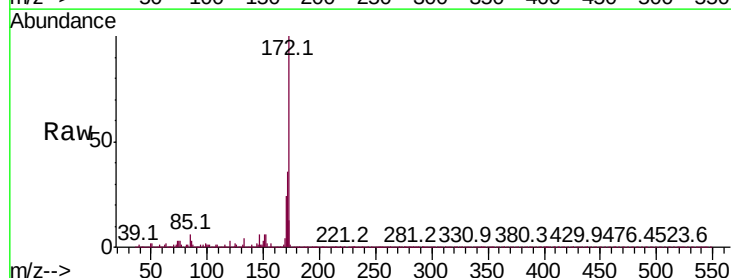
Instrument :
BNA_P
ClientSampleId :

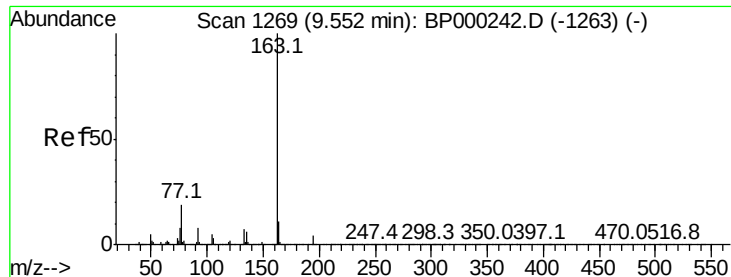
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	29.9	26.5	39.7



#45
2-Fluorobiphenyl
Concen: 72.954 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000355.D
Acq: 20 Sep 2019 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	23.9	19.8	29.6





#50

Dimethylphthalate

Concen: 9.575 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

Instrument :

BNA_P

ClientSampleId :

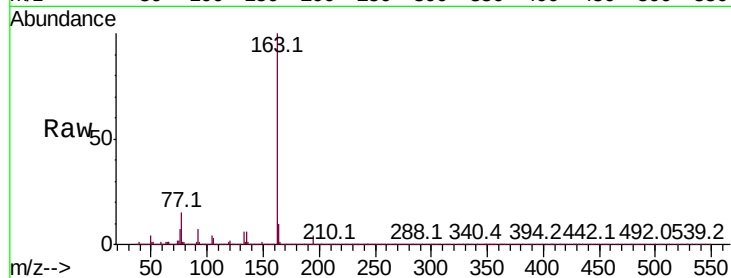
Tot Ion:163 Resp: 240989

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

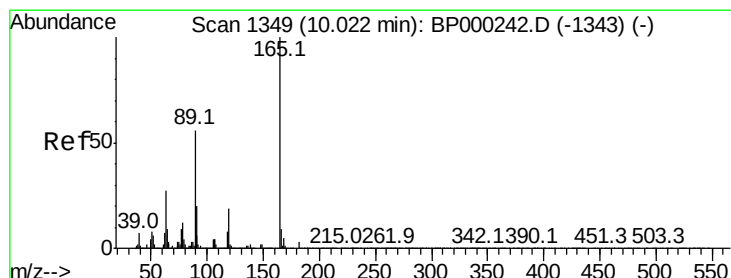
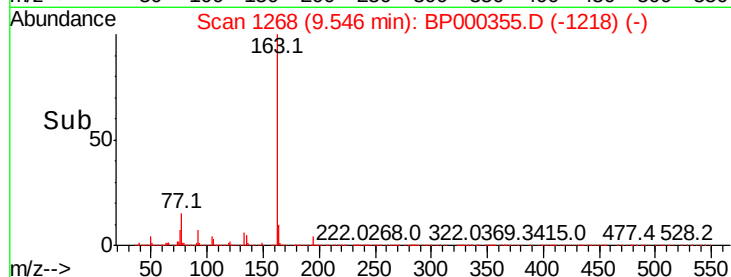
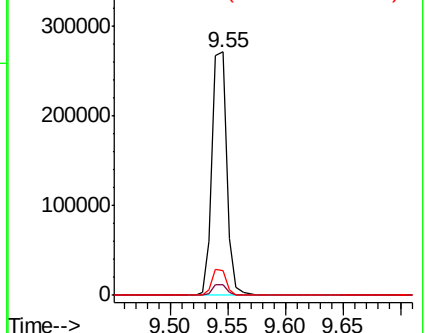
164 10.1 8.5 12.7



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: 6.727 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

Tgt Ion:165 Resp: 48667

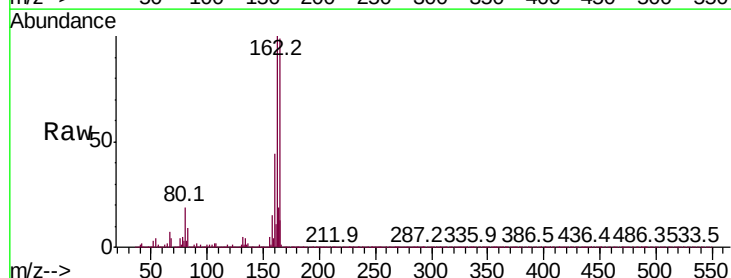
Ion Ratio Lower Upper

165 100

63 1.2 21.7 32.5#

89 1.3 45.0 67.6#

182 0.1 2.4 3.6#

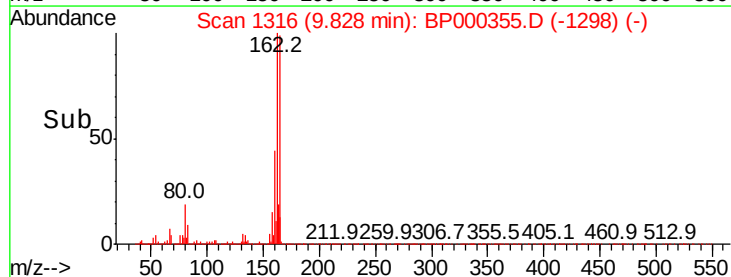
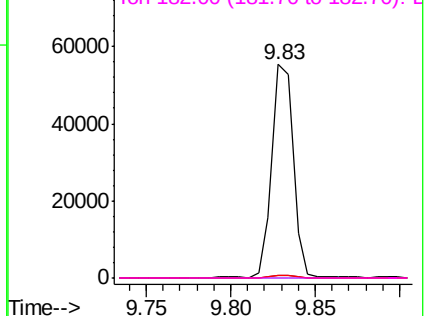


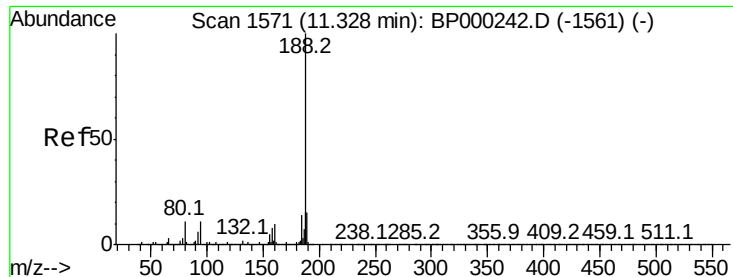
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000355.D

Acq: 20 Sep 2019 15:36

Instrument :

BNA_P

ClientSampled :

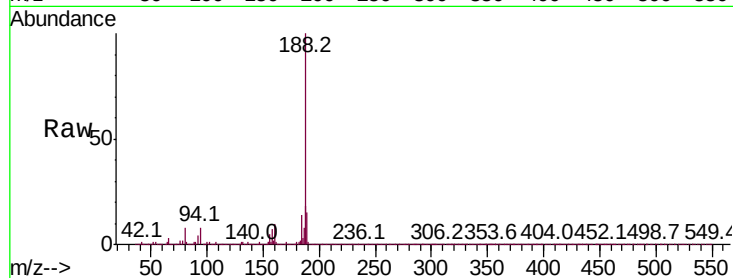
Tot Ion:188 Resp: 665369

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

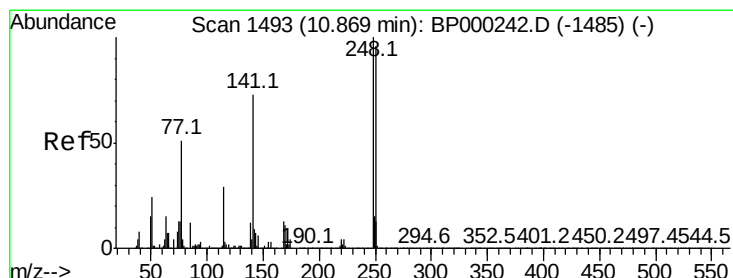
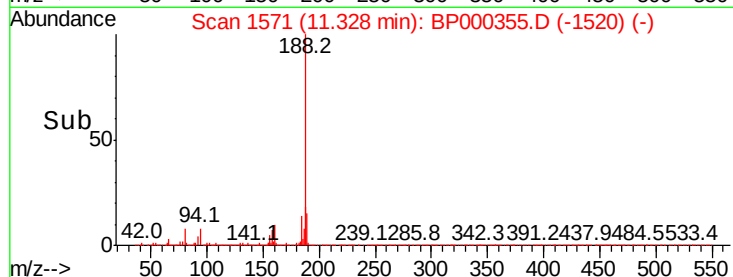
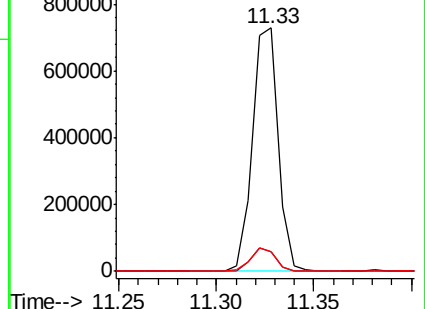
80 7.9 8.6 13.0#



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: 3.336 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000355.D

Acq: 20 Sep 2019 15:36

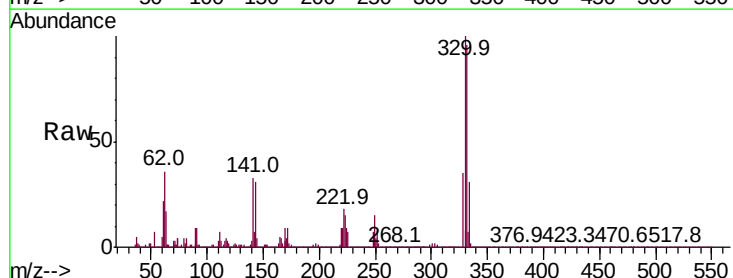
Tgt Ion:248 Resp: 25097

Ion Ratio Lower Upper

248 100

250 211.8 77.0 115.4#

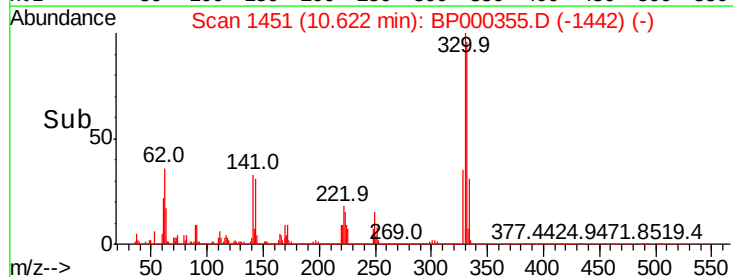
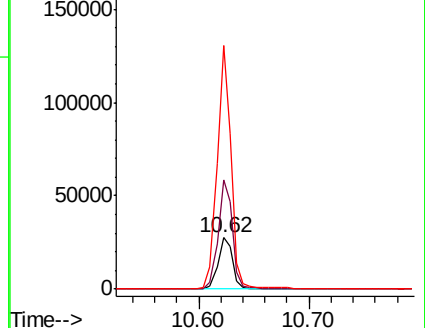
141 473.5 58.5 87.7#

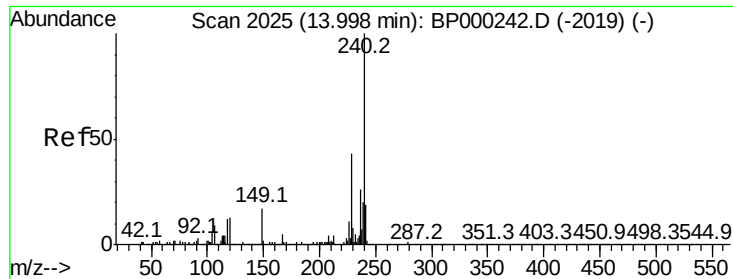


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

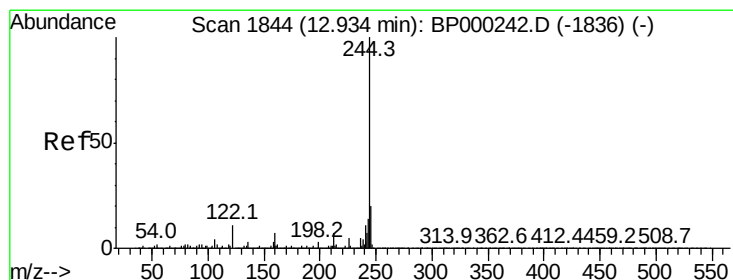
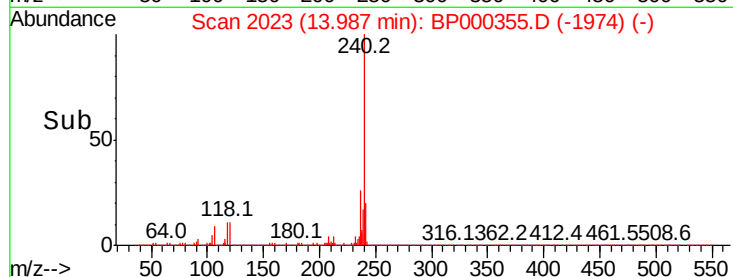
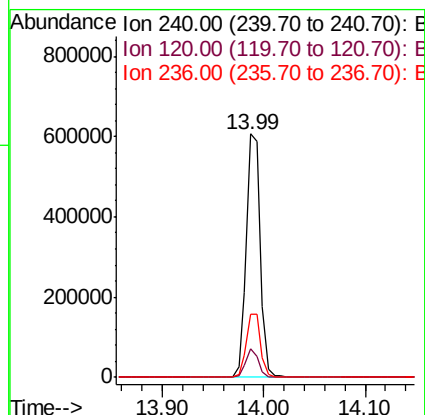
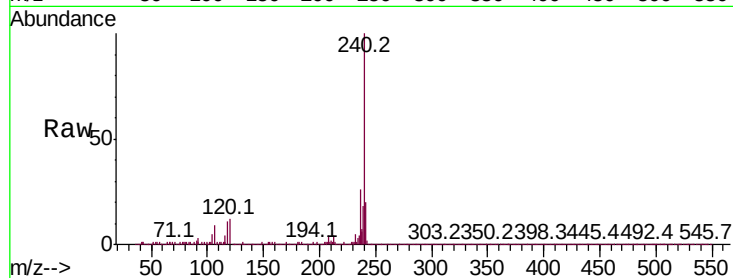




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000355.D
Acq: 20 Sep 2019 15:36

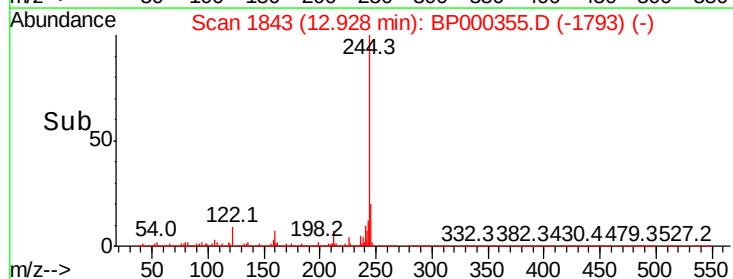
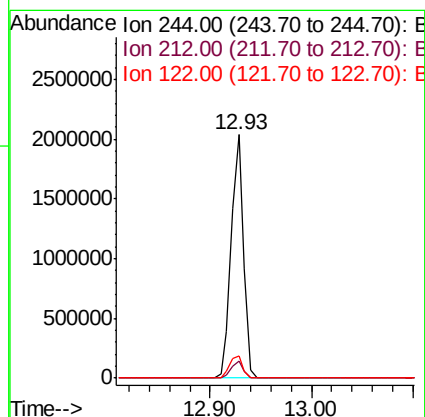
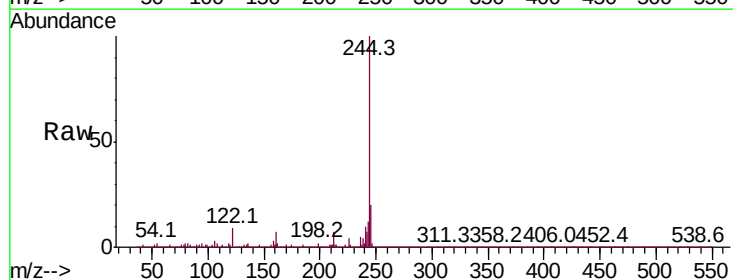
Instrument :
BNA_P
ClientSampleId :

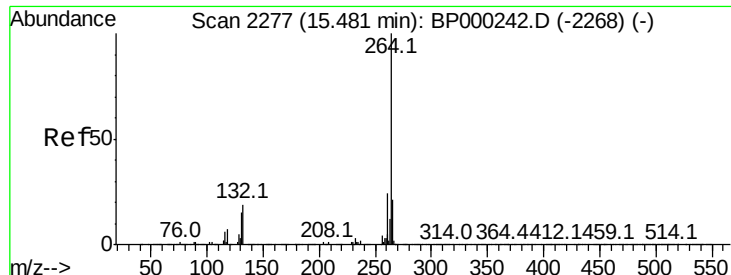
Tot Ion:240 Resp: 580893
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 26.2 21.0 31.6



#79
Terphenyl-d14
Concen: 62.338 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000355.D
Acq: 20 Sep 2019 15:36

Tgt Ion:244 Resp: 1726136
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.4 9.0 13.4

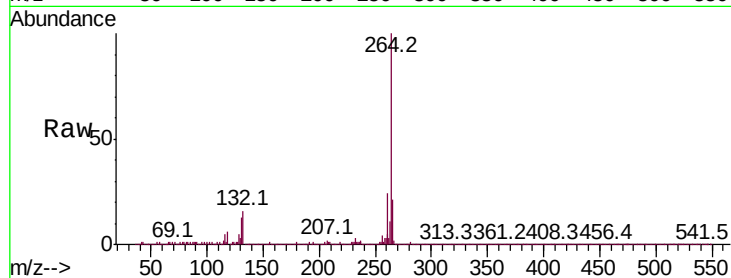




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000355.D
Acq: 20 Sep 2019 15:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.3	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

