

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000358.D
 Acq On : 20 Sep 2019 16:48
 Operator : HP/JU
 Sample : K4968-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 20 23:15:06 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	190106	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	695339	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	377886	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	702162	20.00	ng	0.00
76) Chrysene-d12	13.99	240	652519	20.00	ng	-0.01
87) Perylene-d12	15.47	264	749439	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	855466	77.68	ng	0.00
7) Phenol-d6	6.43	99	1088191	80.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	595793	55.28	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	356849	95.21	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1430064	68.11	ng	0.00
79) Terphenyl-d14	12.93	244	1758357	56.53	ng	0.00

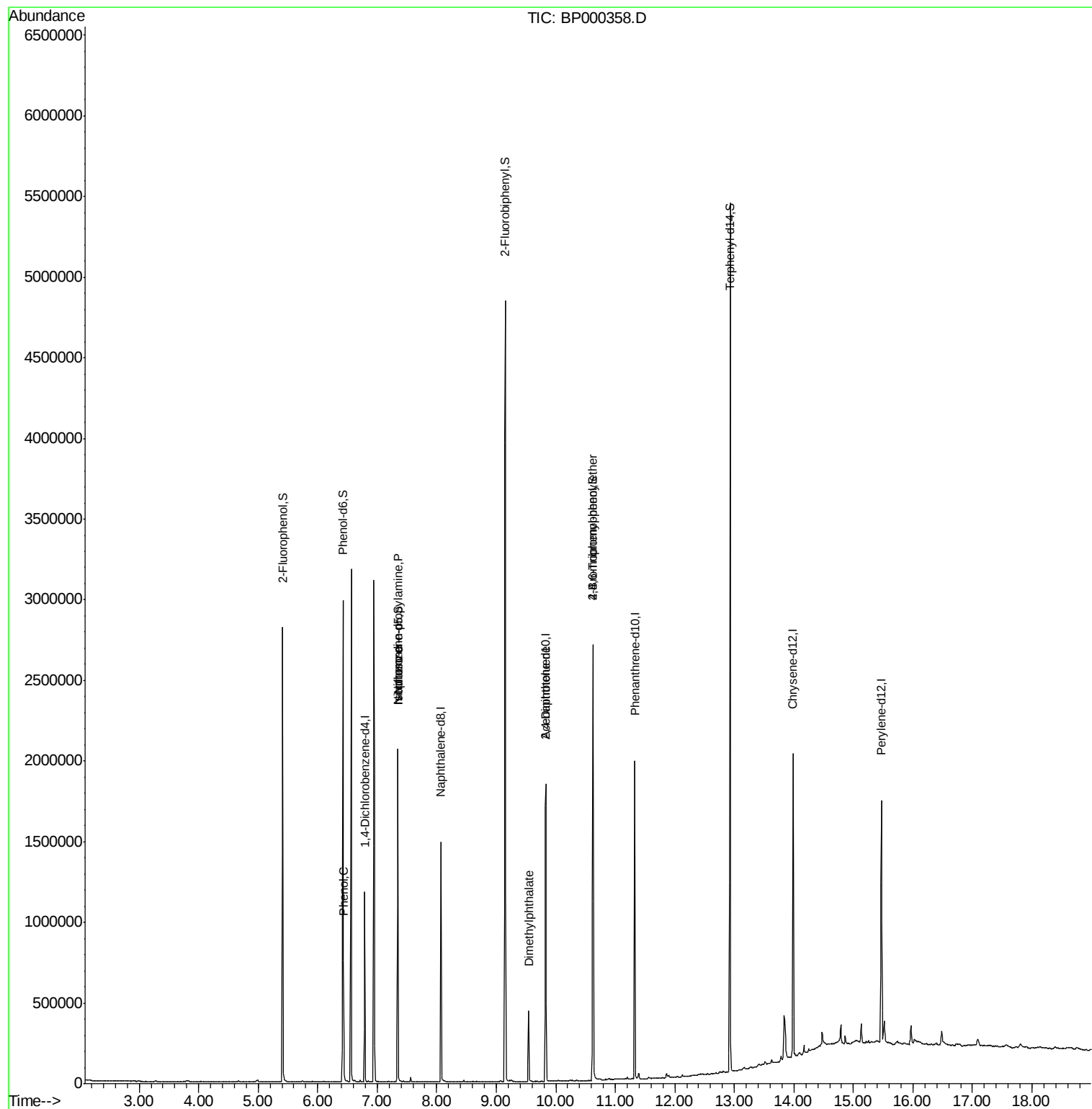
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2123	Below Cal	#	1
10) Phenol	6.44	94	53574	3.493	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	74061	10.377	ng	75
25) Isophorone	7.35	82	595709	27.915	ng	63
50) Dimethylphthalate	9.55	163	198129	7.696	ng	98
57) 2,4-Dinitrotoluene	9.83	165	48995	6.620	ng	35
67) 4-Bromophenyl-phenylether	10.62	248	24191	3.047	ng	1
69) Atrazine	11.05	200	40	Below Cal	#	1

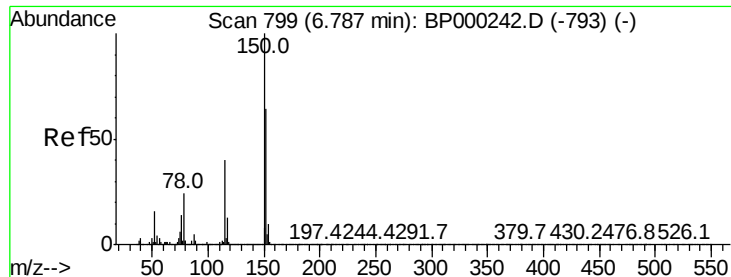
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

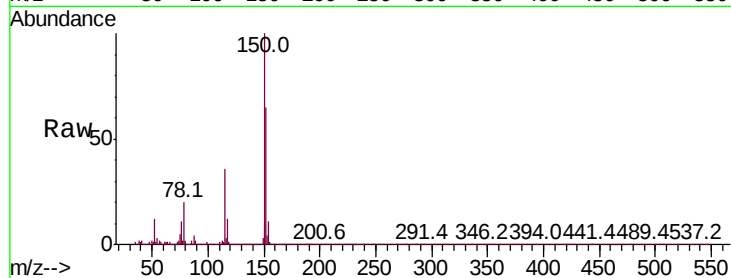
Tot Ion:152 Resp: 190106

Ion Ratio Lower Upper

152 100

150 153.0 125.2 187.8

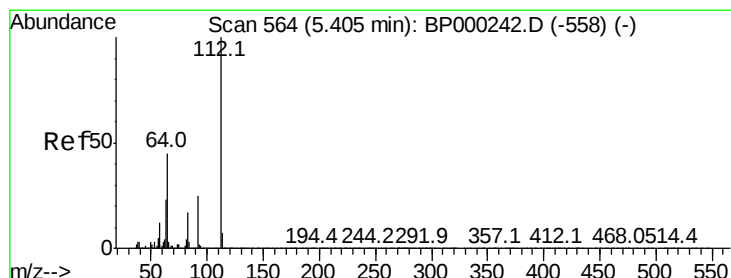
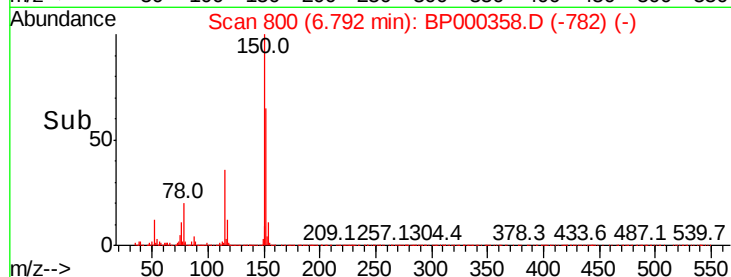
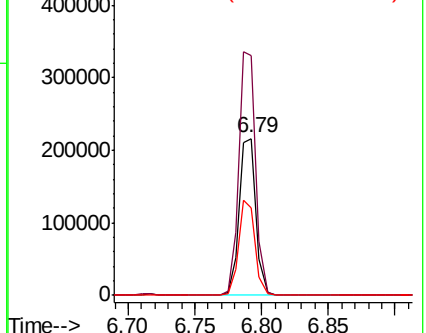
115 55.3 49.7 74.5



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: 77.685 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

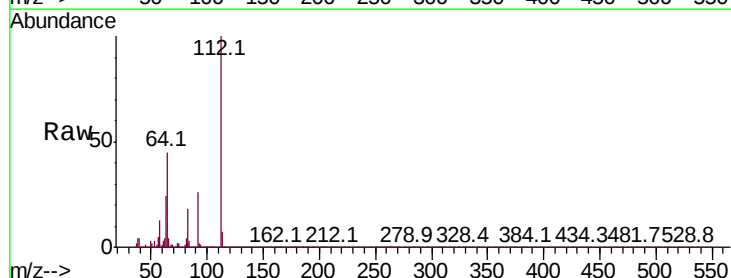
Tgt Ion:112 Resp: 855466

Ion Ratio Lower Upper

112 100

64 45.0 36.2 54.4

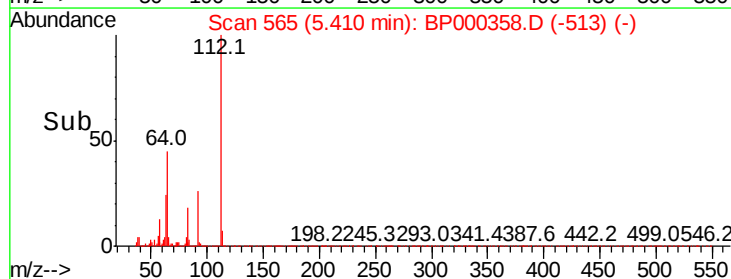
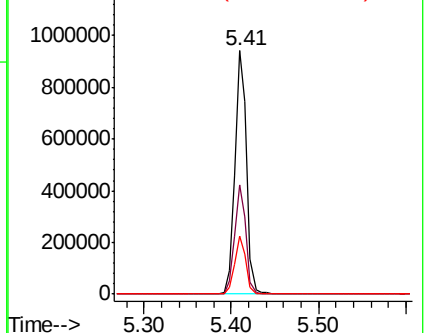
63 23.6 18.3 27.5

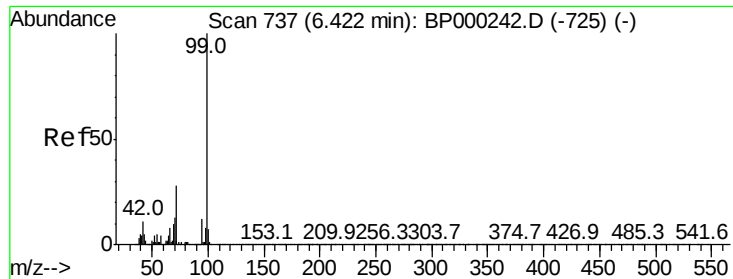


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 80.616 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

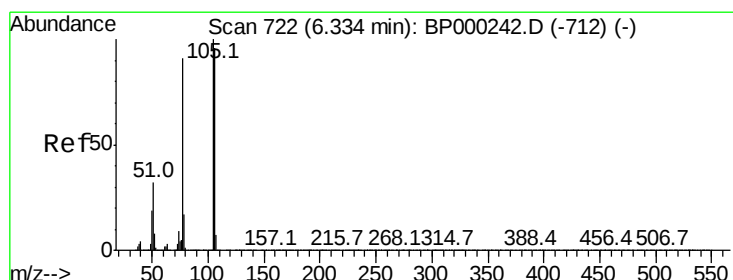
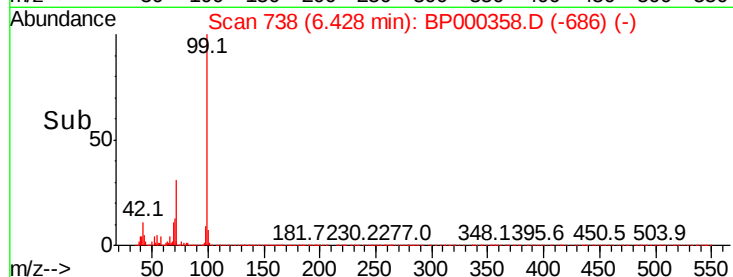
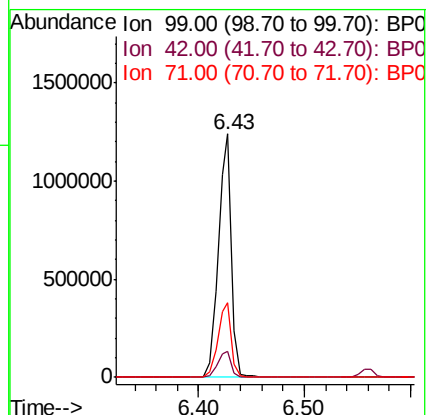
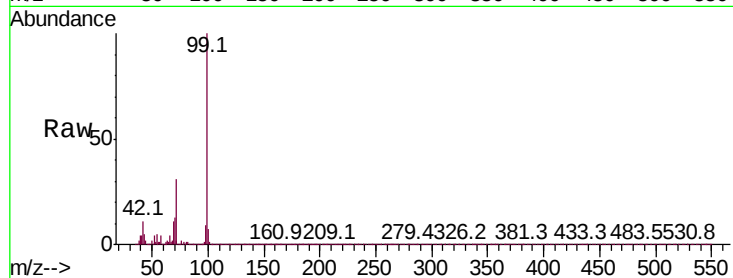
Tot Ion: 99 Resp: 1088191

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 30.8 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

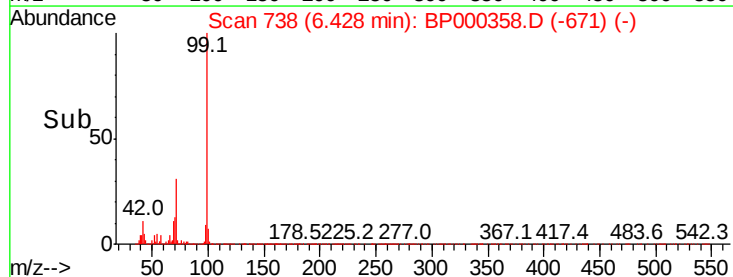
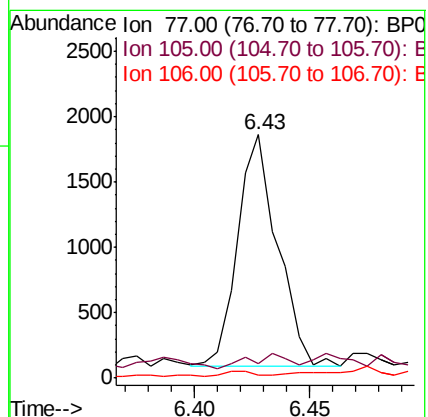
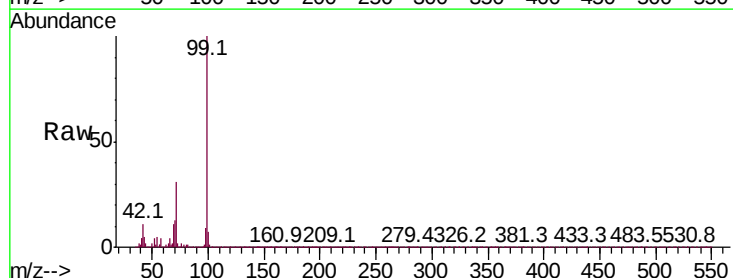
Tgt Ion: 77 Resp: 2123

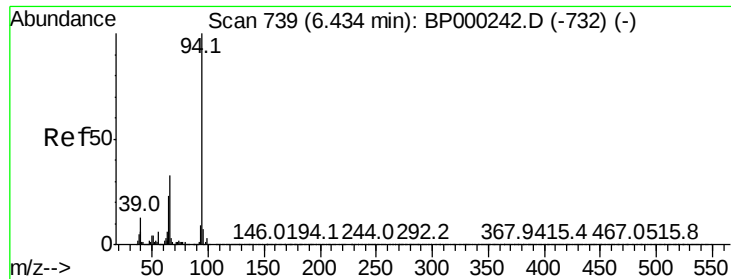
Ion Ratio Lower Upper

77 100

105 5.7 89.6 129.6#

106 1.0 84.6 124.6#





#10

Phenol

Concen: 3.493 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampled :

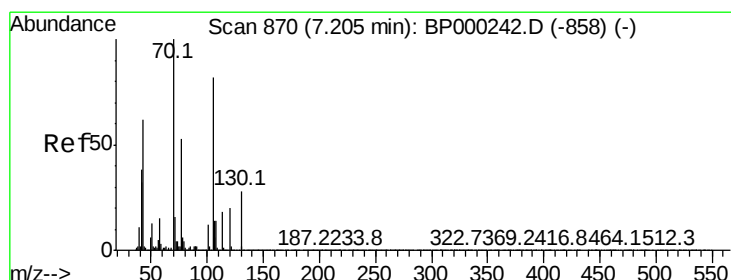
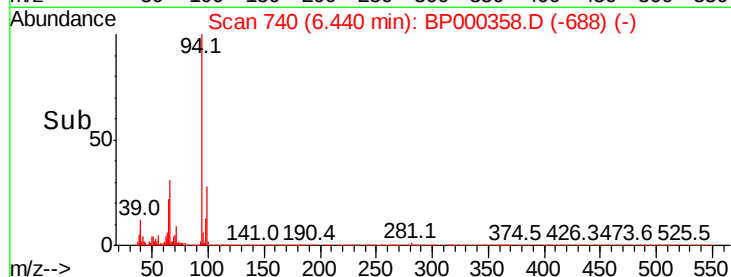
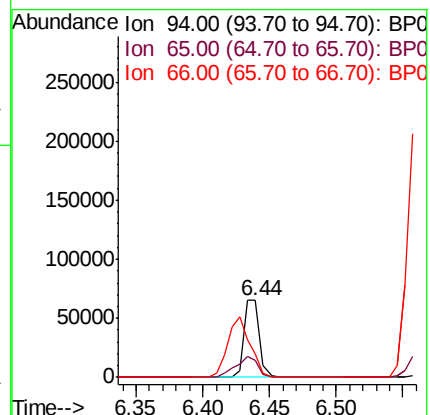
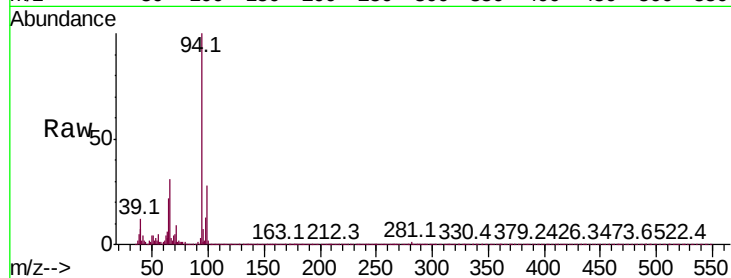
Tot Ion: 94 Resp: 53574

Ion Ratio Lower Upper

94 100

65 21.8 3.3 43.3

66 31.0 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.377 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Tgt Ion: 70 Resp: 74061

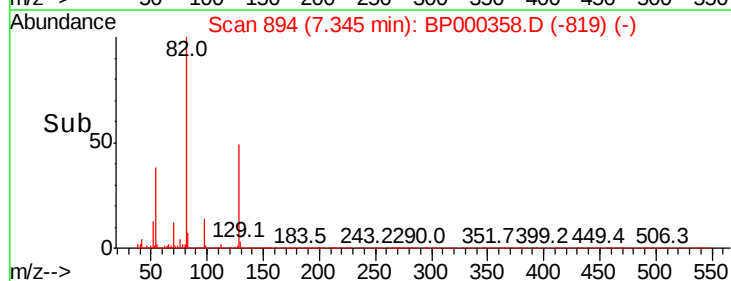
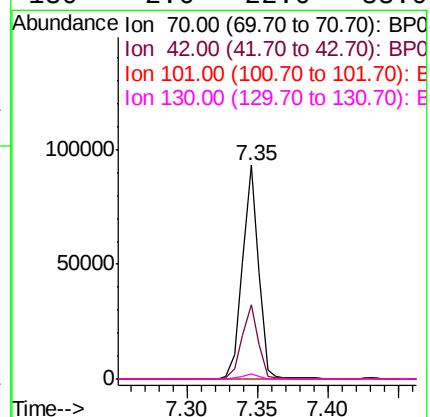
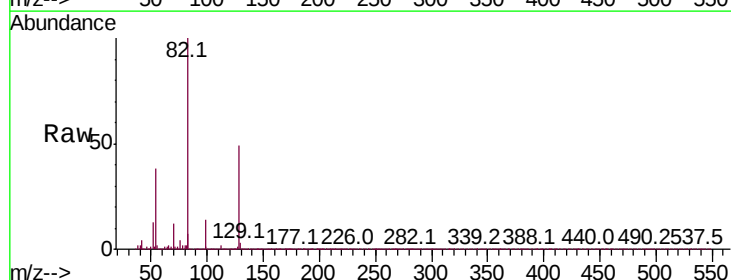
Ion Ratio Lower Upper

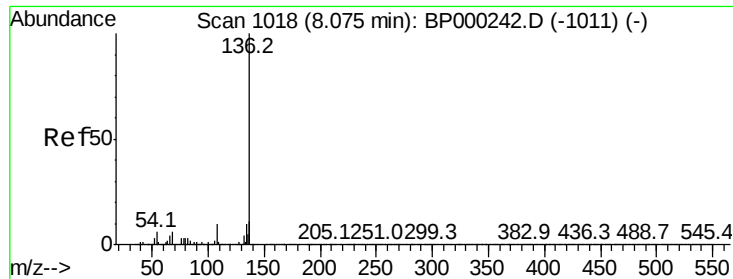
70 100

42 34.8 30.7 46.1

101 0.1 9.6 14.4#

130 2.6 22.0 33.0#

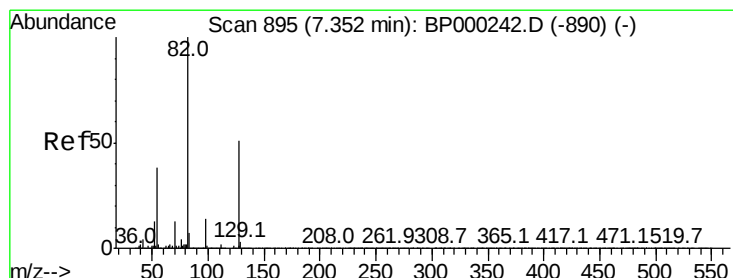
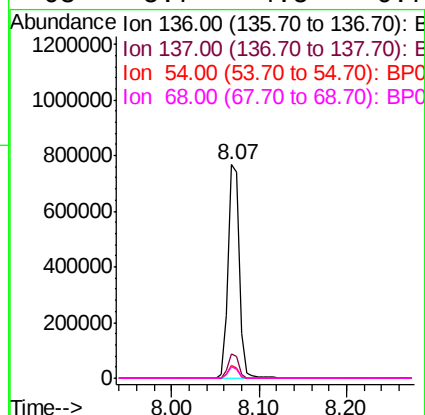
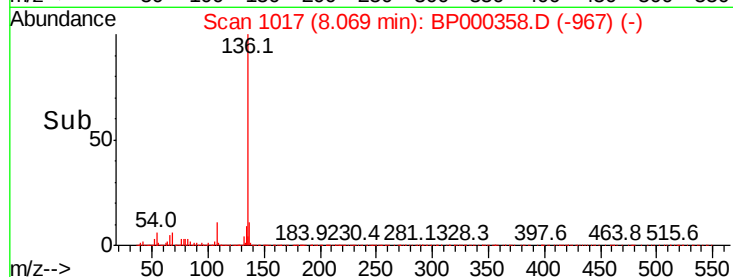
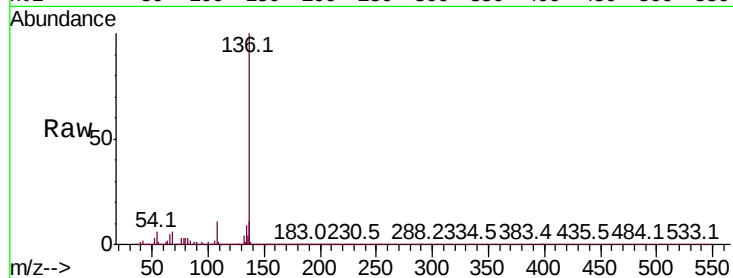




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

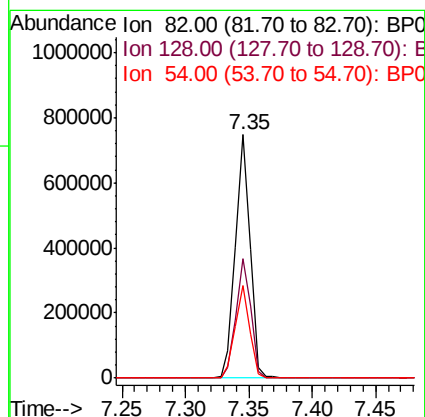
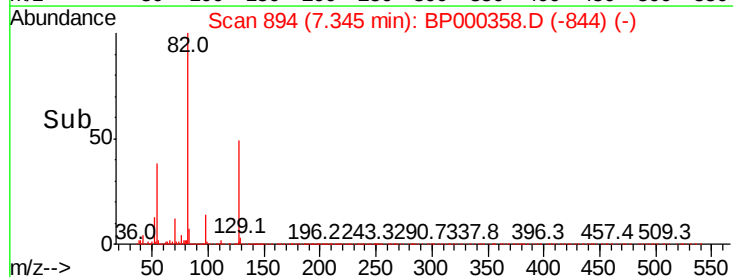
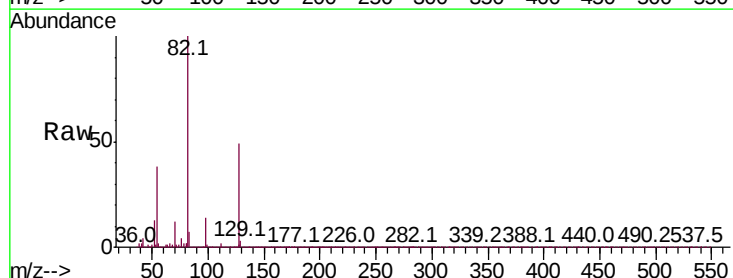
Instrument :
BNA_P
ClientSampled :

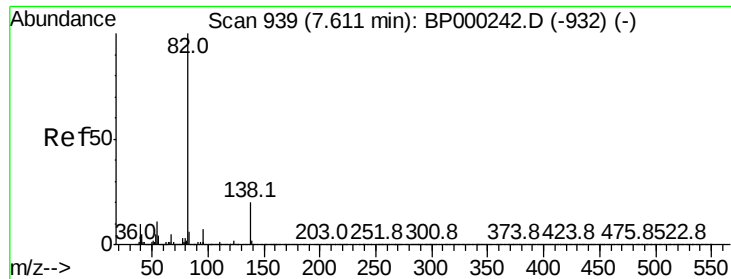
Tot Ion:136	Resp:	695339
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.6	13.0
54 5.8	4.5	6.7
68 5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 55.283 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

Tgt Ion: 82	Resp:	595793
Ion Ratio	Lower	Upper
82 100		
128 49.3	40.7	61.1
54 38.2	30.1	45.1





#25

Isophorone

Concen: 27.915 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampled :

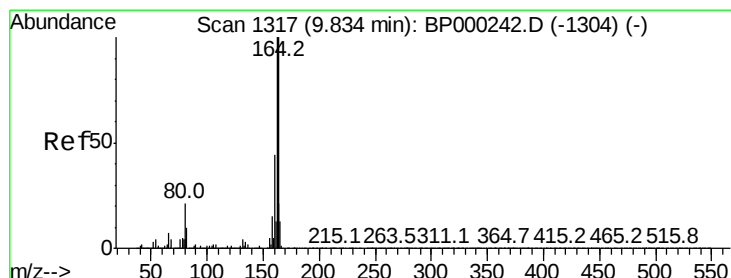
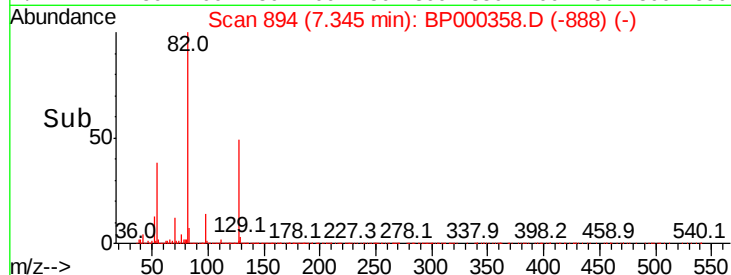
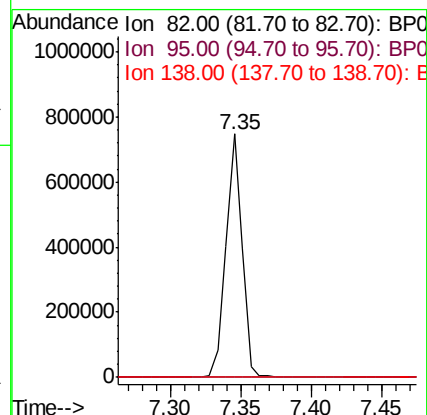
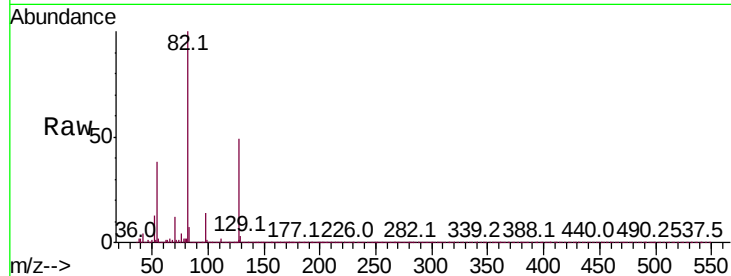
Tot Ion: 82 Resp: 595709

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: BP000358.D

Acq: 20 Sep 2019 16:48

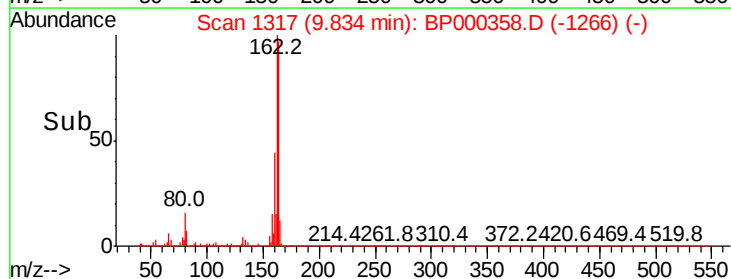
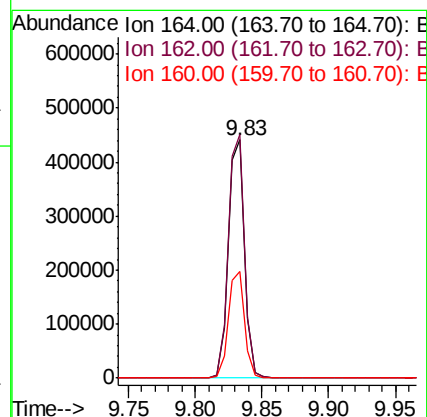
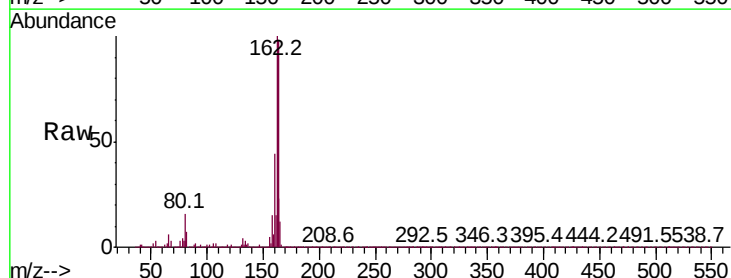
Tgt Ion: 164 Resp: 377886

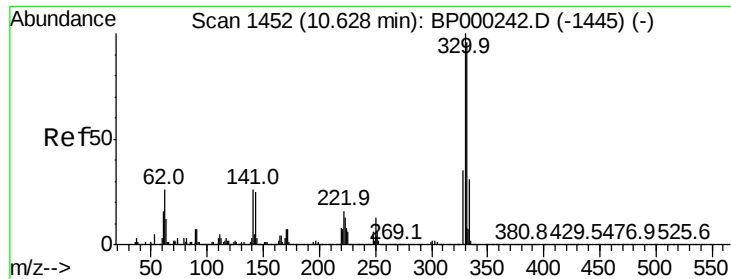
Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

160 44.6 35.6 53.4

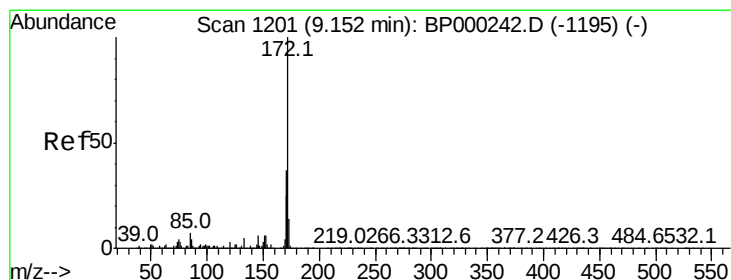
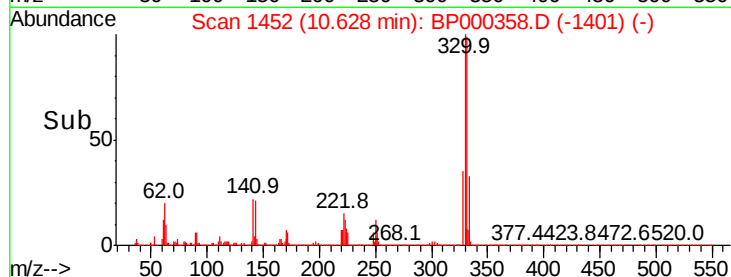
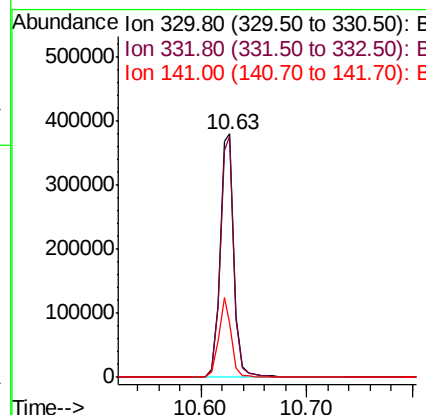
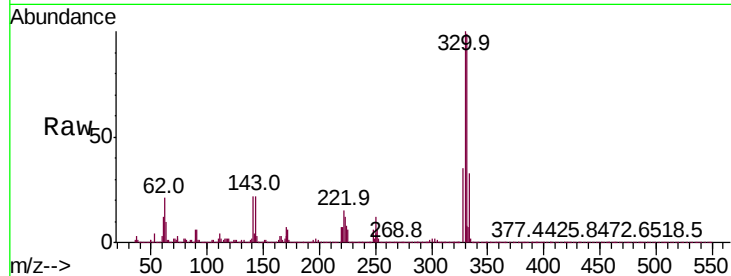




#42
2,4,6-Tribromophenol
Concen: 95.207 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

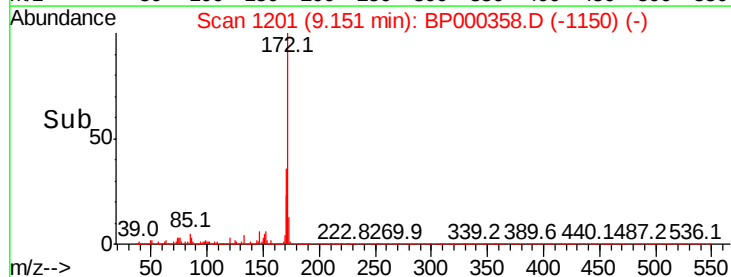
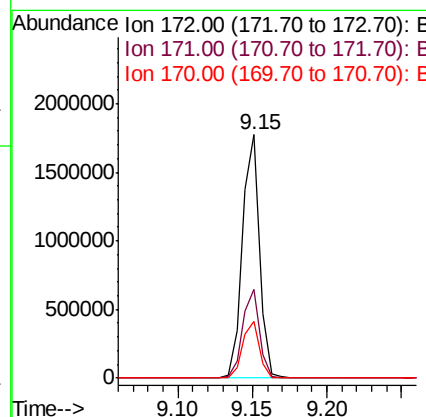
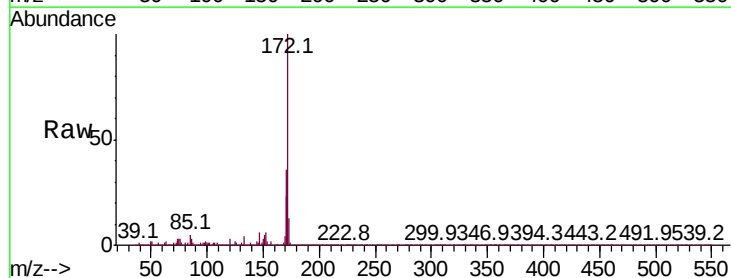
Instrument :
BNA_P
ClientSampled :

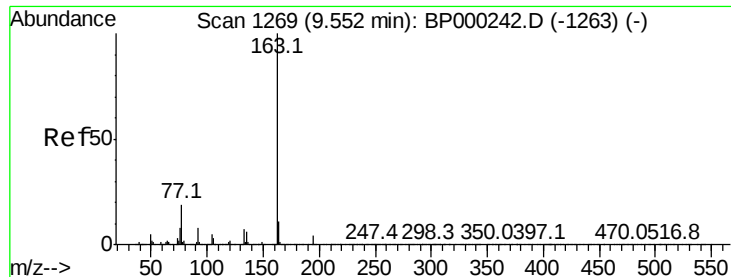
Tot Ion:330 Resp: 356849
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 29.8 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 68.112 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

Tgt Ion:172 Resp: 1430064
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 23.5 19.8 29.6





#50

Dimethylphthalate

Concen: 7.696 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

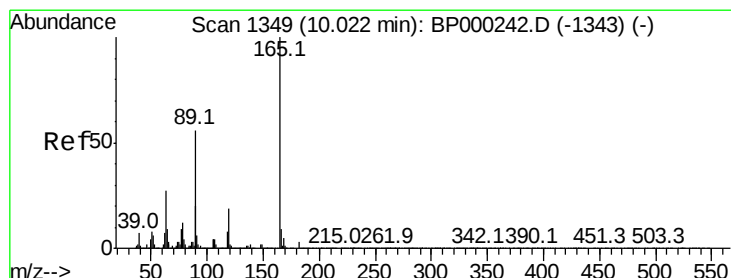
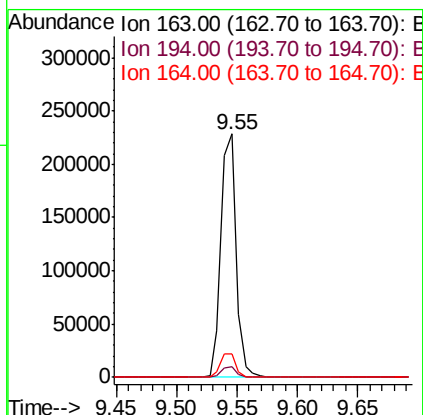
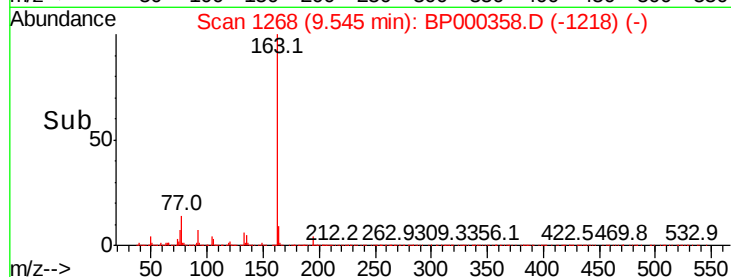
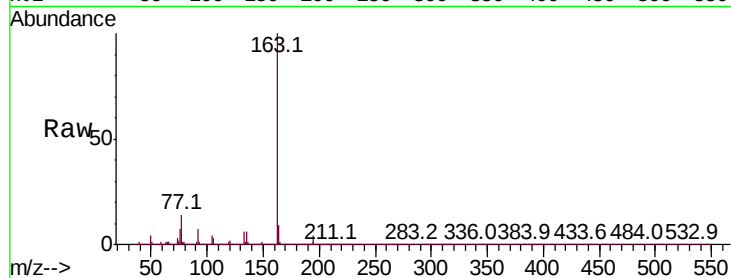
Tot Ion:163 Resp: 198129

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 9.5 8.5 12.7



#57

2,4-Dinitrotoluene

Concen: 6.620 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

Tgt Ion:165 Resp: 48995

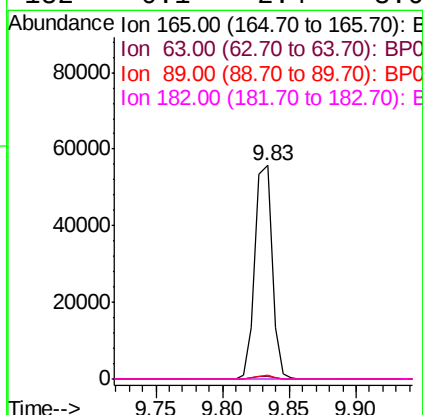
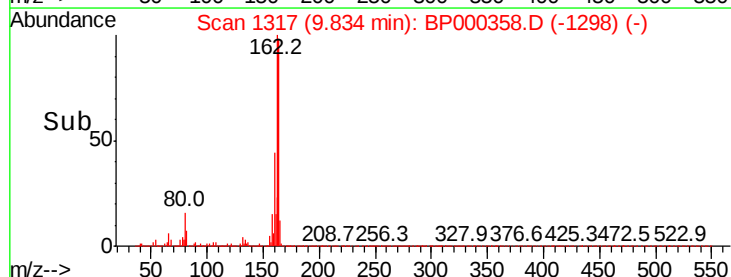
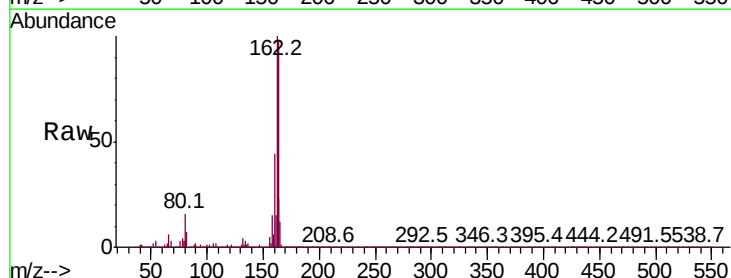
Ion Ratio Lower Upper

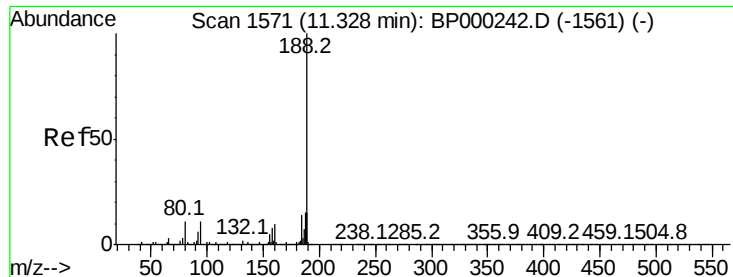
165 100

63 1.1 21.7 32.5#

89 1.6 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: BP000358.D

Acq: 20 Sep 2019 16:48

Instrument :

BNA_P

ClientSampleId :

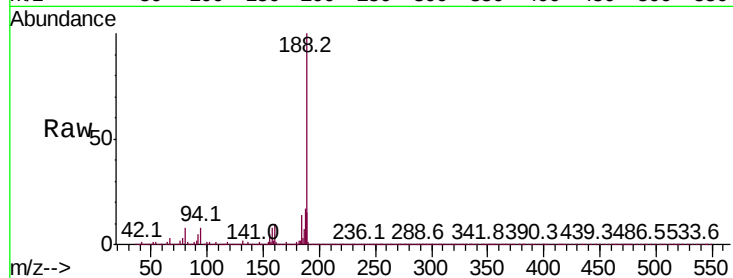
Tot Ion:188 Resp: 702162

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

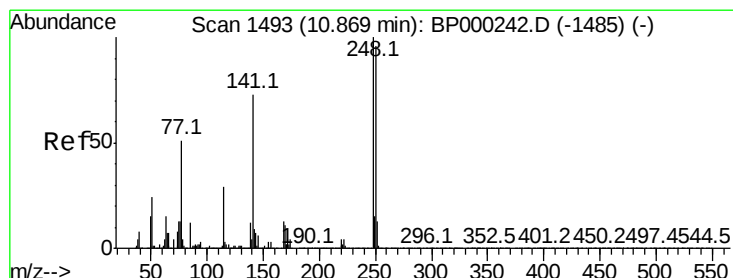
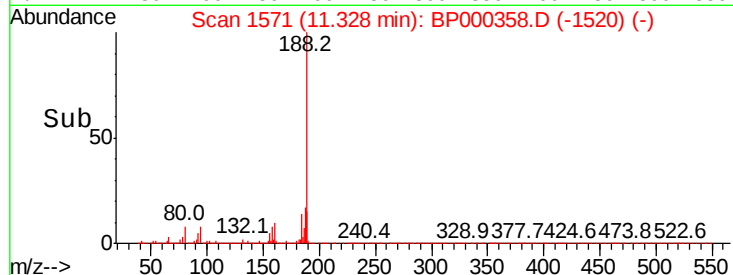
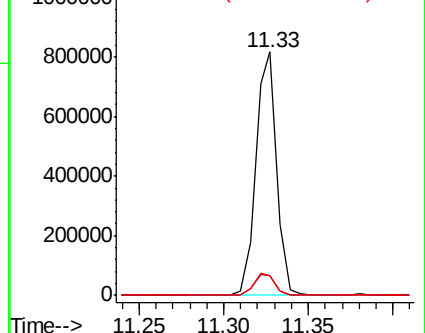
80 8.3 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#67

4-Bromophenyl-phenylether

Concen: 3.047 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000358.D

Acq: 20 Sep 2019 16:48

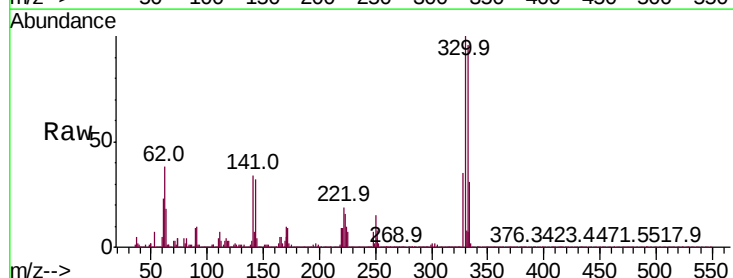
Tgt Ion:248 Resp: 24191

Ion Ratio Lower Upper

248 100

250 198.7 77.0 115.4#

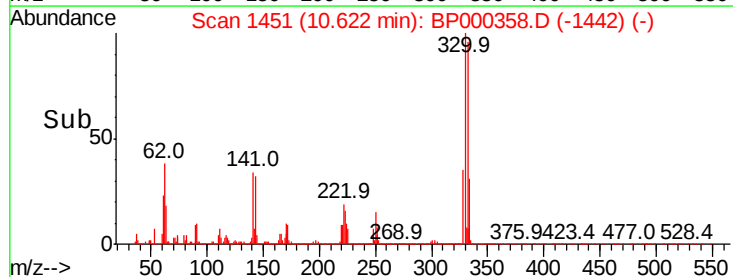
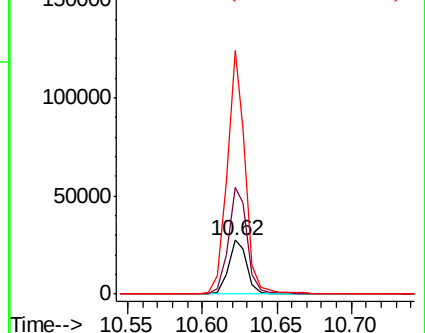
141 453.1 58.5 87.7#

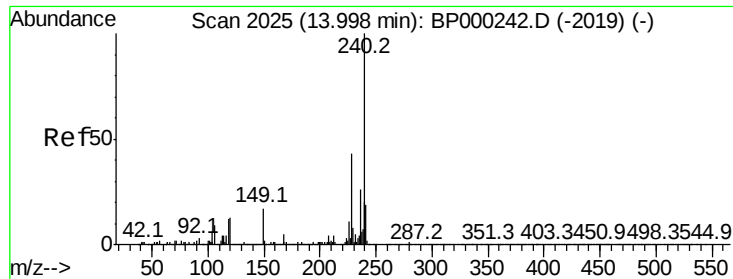


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

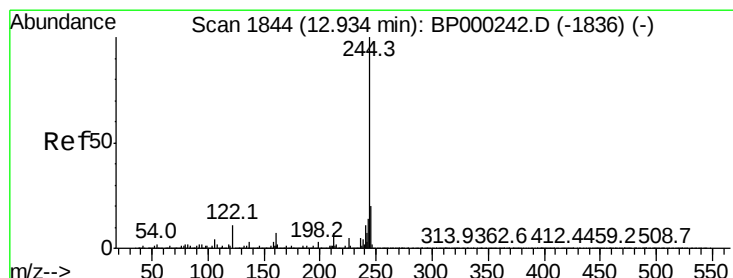
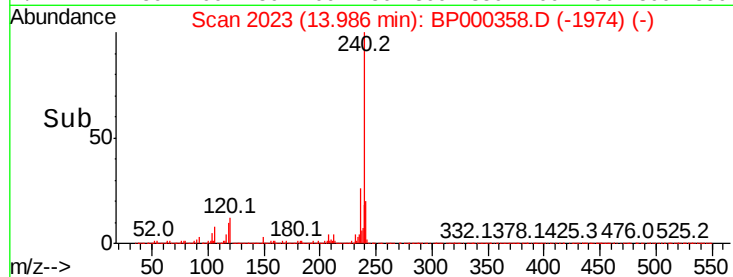
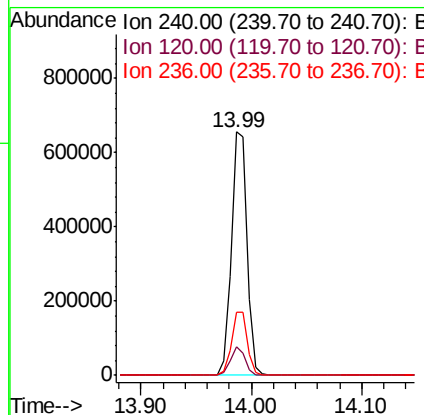
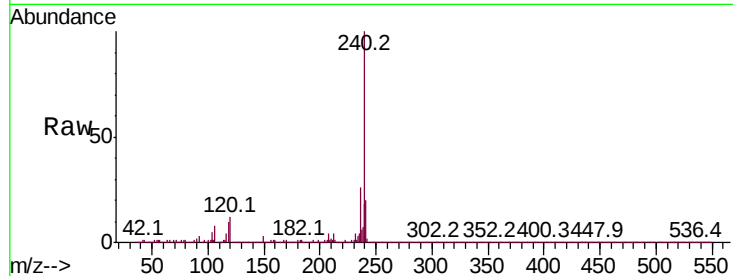




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

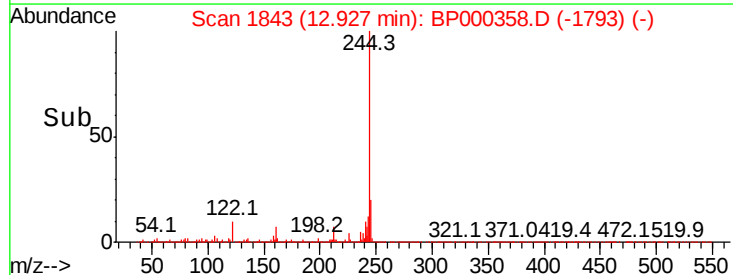
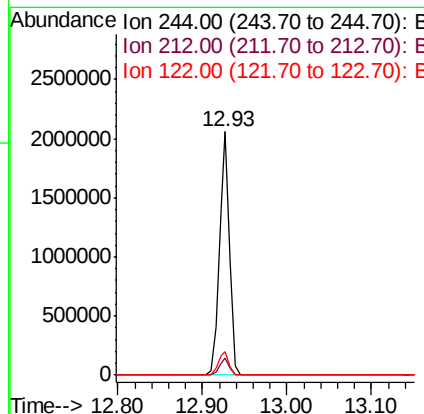
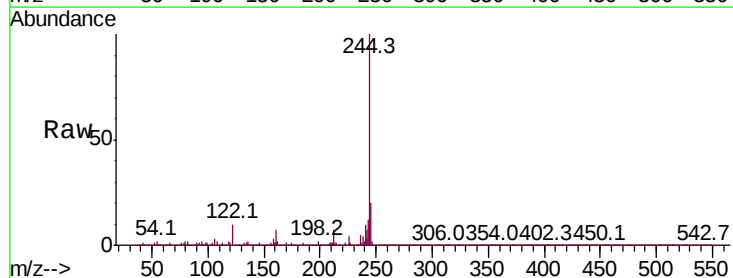
Instrument :
BNA_P
ClientSampled :

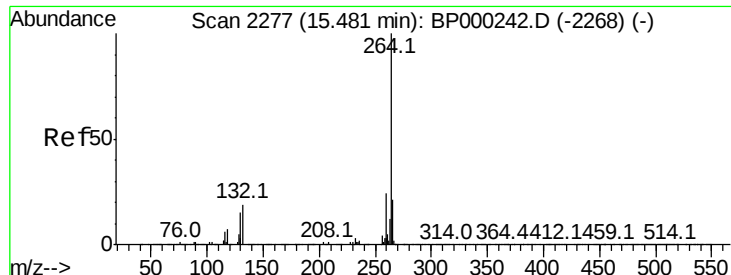
Tot Ion:240 Resp: 652519
Ion Ratio Lower Upper
240 100
120 11.7 10.4 15.6
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 56.531 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

Tgt Ion:244 Resp: 1758357
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.7 9.0 13.4

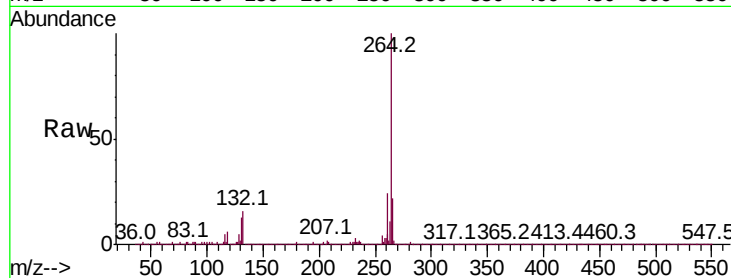




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000358.D
Acq: 20 Sep 2019 16:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	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

