

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000357.D
 Acq On : 20 Sep 2019 16:24
 Operator : HP/JU
 Sample : K4957-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

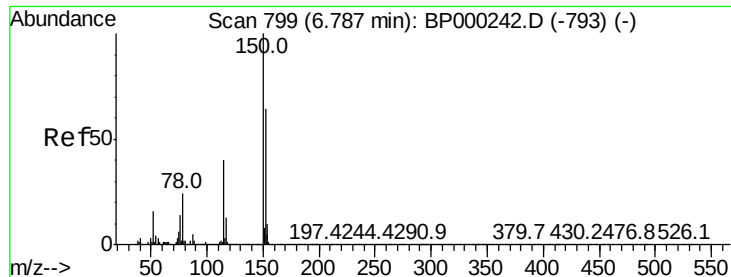
Quant Time: Sep 20 23:14:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	185826	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	698307	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	388200	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	703671	20.00	ng	0.00
76) Chrysene-d12	13.99	240	654943	20.00	ng	-0.01
87) Perylene-d12	15.47	264	754228	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1053959	97.91	ng	0.00
7) Phenol-d6	6.43	99	1365199	103.47	ng	0.00
23) Nitrobenzene-d5	7.35	82	755934	69.84	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	454743	118.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1834516	85.05	ng	0.00
79) Terphenyl-d14	12.93	244	2176001	69.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	24132	Below Cal		83
10) Phenol	6.44	94	64842	4.325	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	95264	13.656	ng	# 76
25) Isophorone	7.35	82	755542	35.254	ng	# 63
50) Dimethylphthalate	9.54	163	292823	11.071	ng	100
57) 2,4-Dinitrotoluene	9.83	165	50777	6.679	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	30819	3.873	ng	# 1
69) Atrazine	11.02	200	49	Below Cal		# 1

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

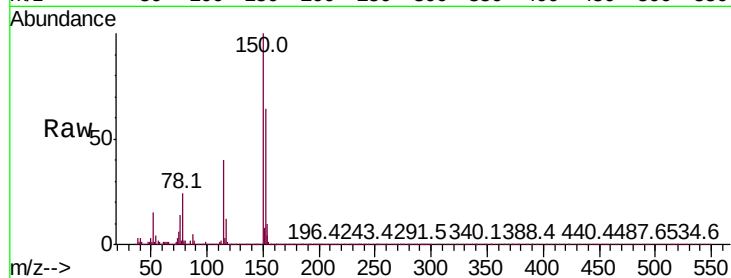


#1

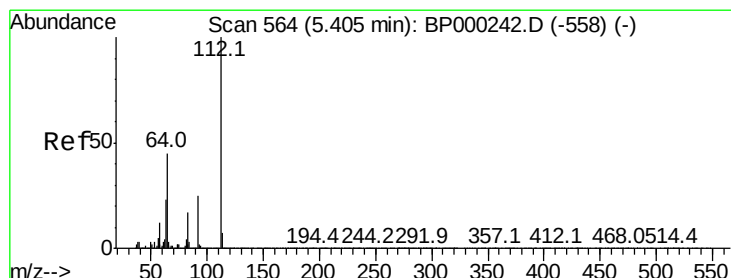
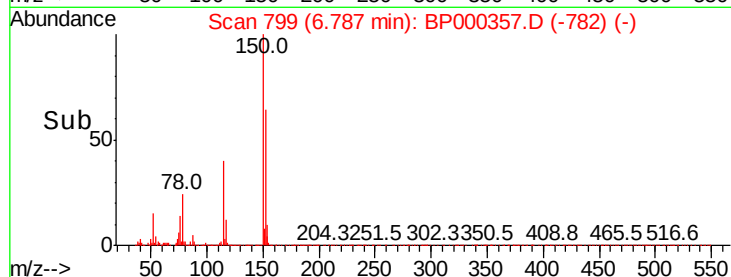
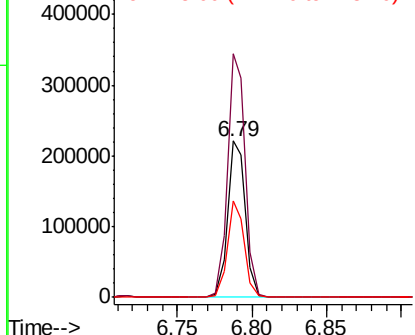
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.2	187.8
115	62.0	49.7	74.5



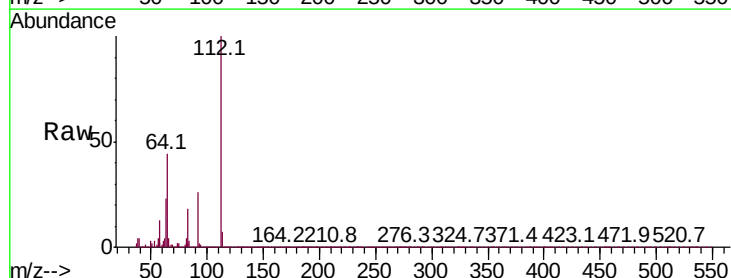
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



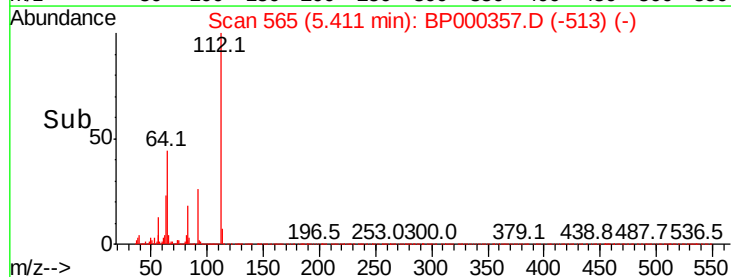
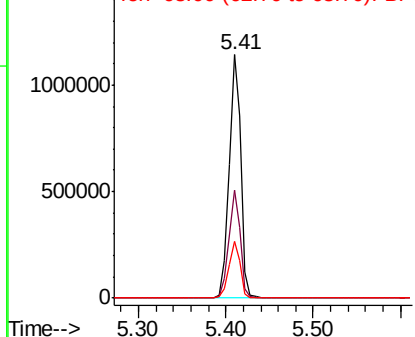
#5

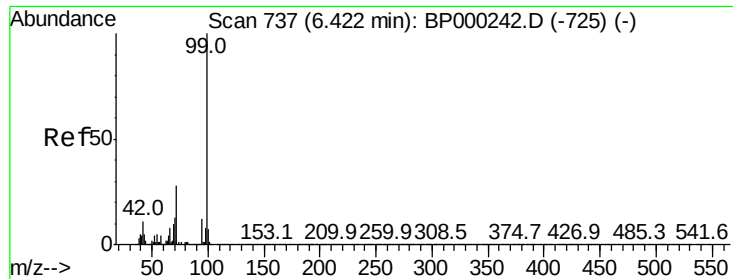
2-Fluorophenol
Concen: 97.914 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.5	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: 103.467 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampled :

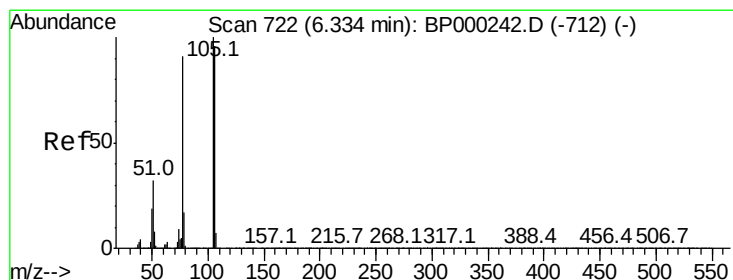
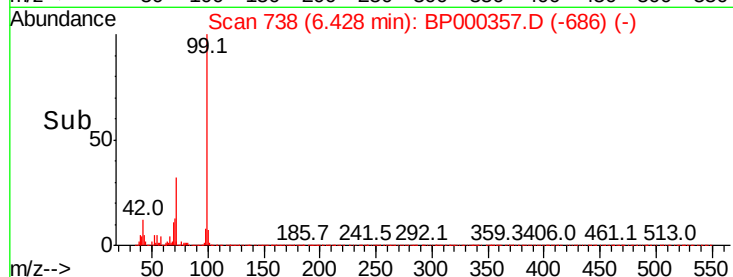
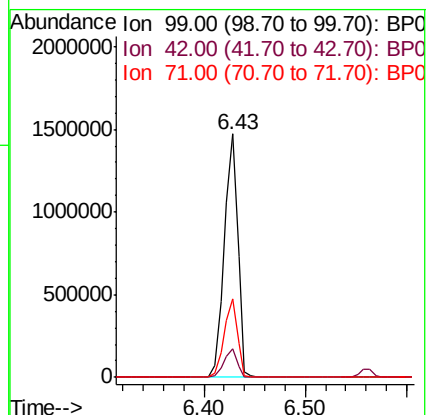
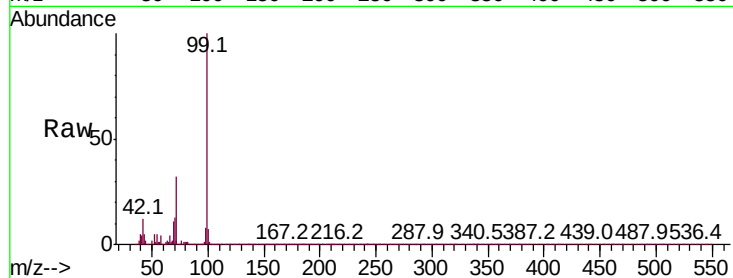
Tot Ion: 99 Resp: 1365199

Ion Ratio Lower Upper

99 100

42 11.5 8.5 12.7

71 32.3 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.56 min Scan# 761

Delta R.T. 0.23 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

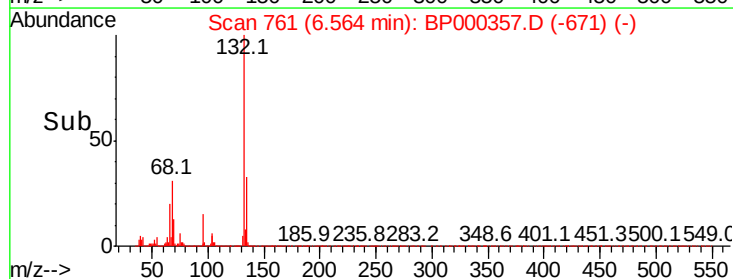
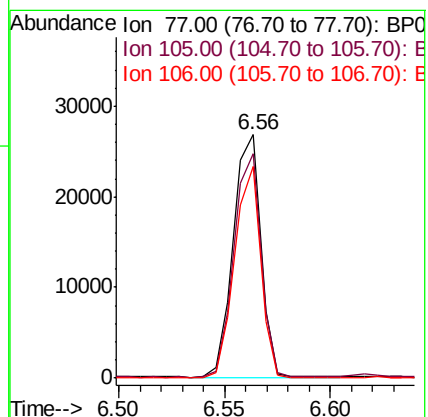
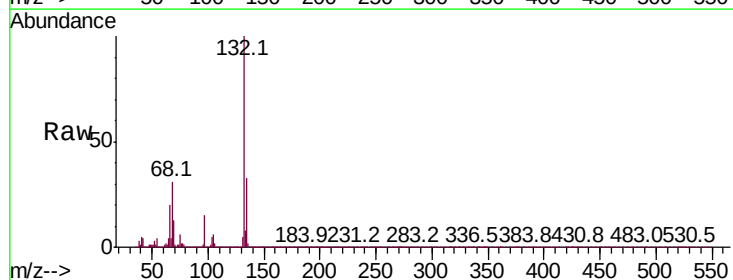
Tgt Ion: 77 Resp: 24132

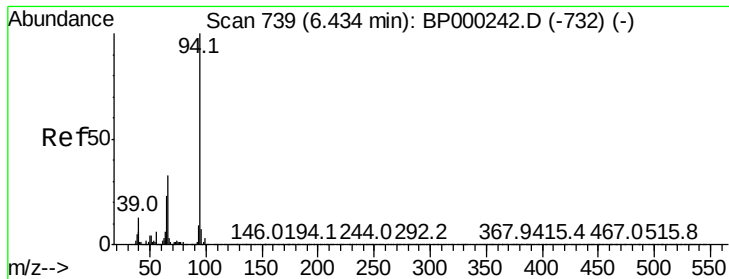
Ion Ratio Lower Upper

77 100

105 92.0 89.6 129.6

106 86.7 84.6 124.6





#10

Phenol

Concen: 4.325 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampleId :

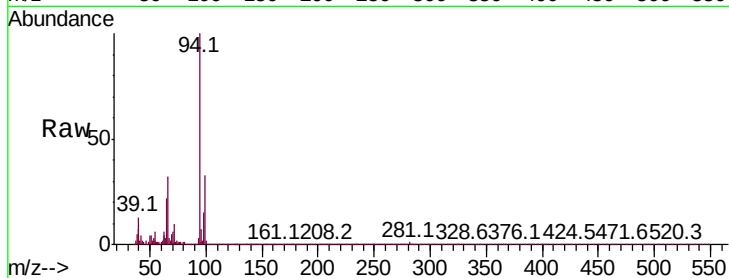
Tot Ion: 94 Resp: 64842

Ion Ratio Lower Upper

94 100

65 22.4 3.3 43.3

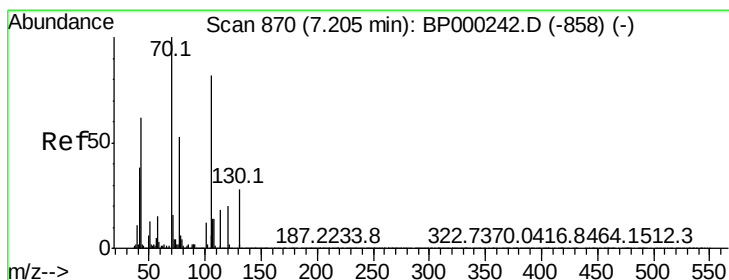
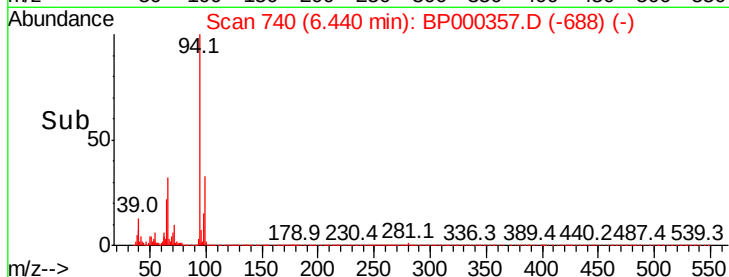
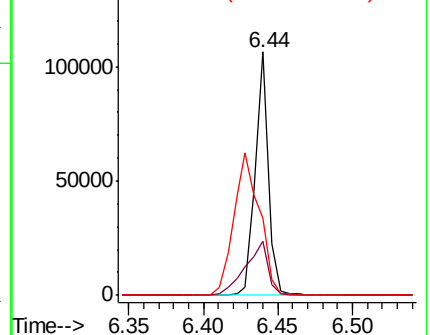
66 31.7 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 13.656 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Tgt Ion: 70 Resp: 95264

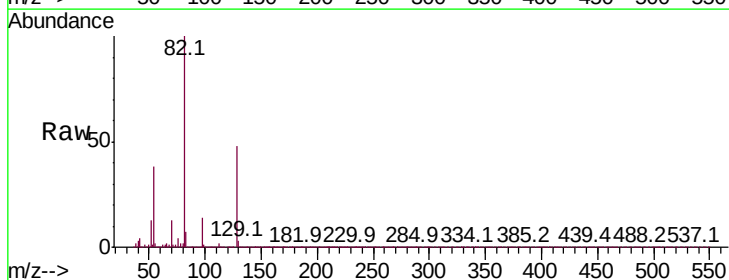
Ion Ratio Lower Upper

70 100

42 35.2 30.7 46.1

101 0.0 9.6 14.4#

130 2.5 22.0 33.0#

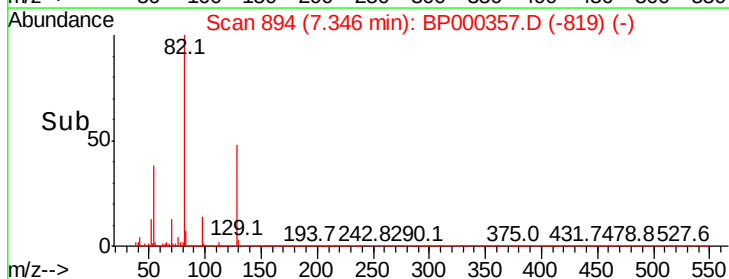
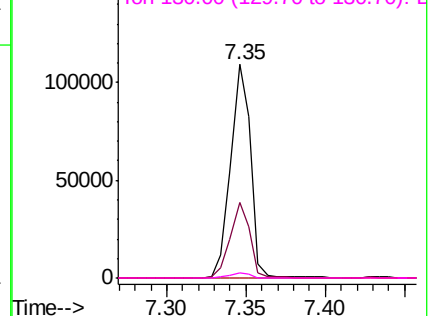


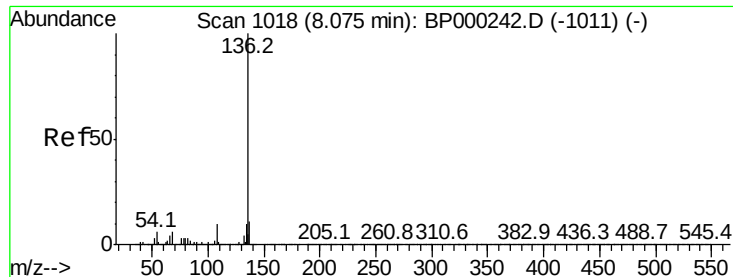
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000357.D

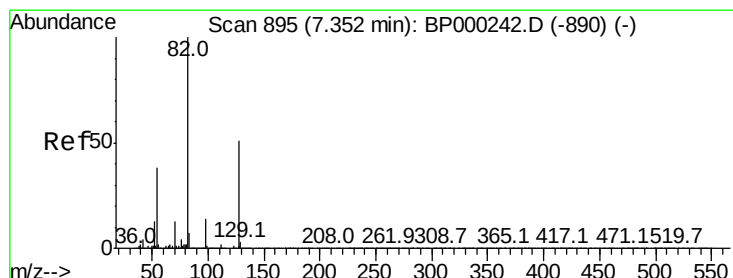
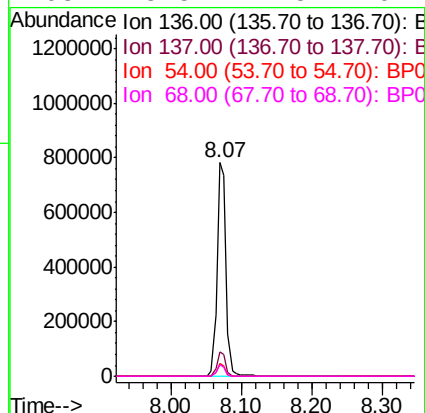
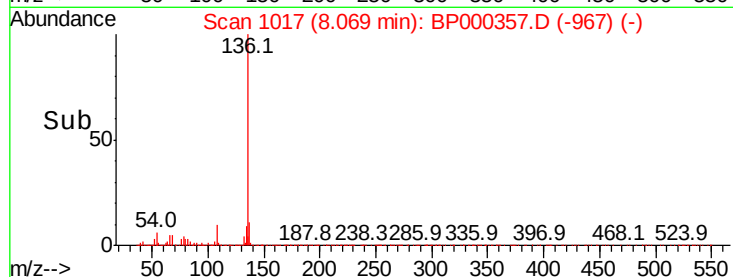
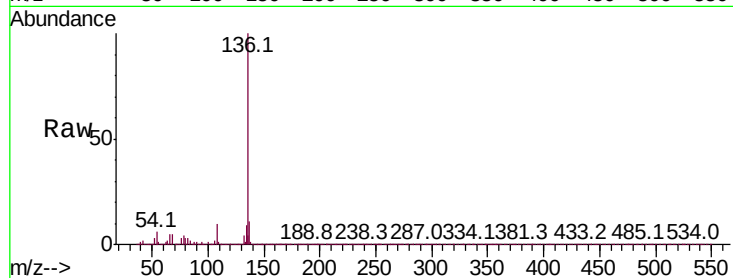
Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136	Resp: 698307
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 5.8	4.5 6.7
68 5.5	4.5 6.7



#23

Nitrobenzene-d5

Concen: 69.844 ng

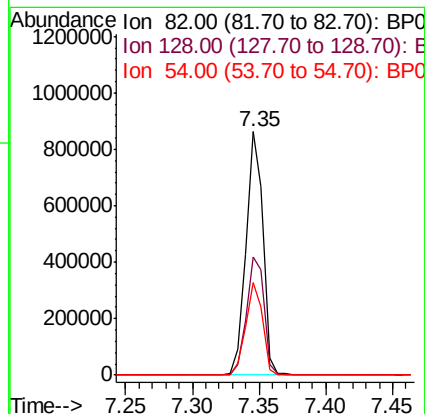
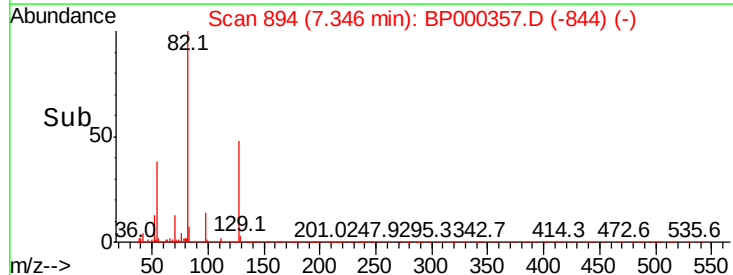
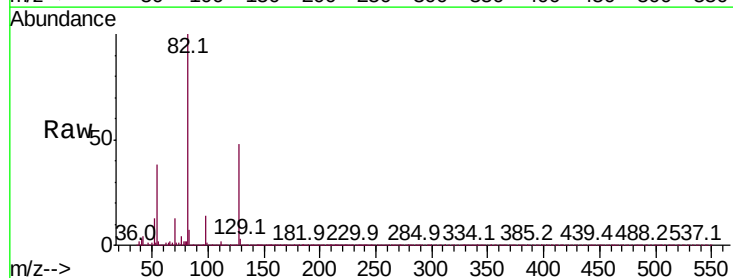
RT: 7.35 min Scan# 894

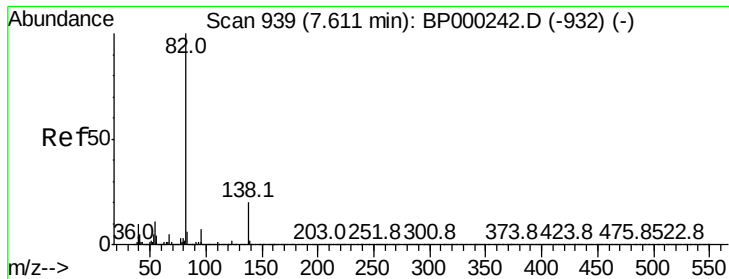
Delta R.T. -0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Tgt Ion: 82	Resp: 755934
Ion Ratio	Lower Upper
82 100	
128 48.5	40.7 61.1
54 38.1	30.1 45.1





#25

Isophorone

Concen: 35.254 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampleId :

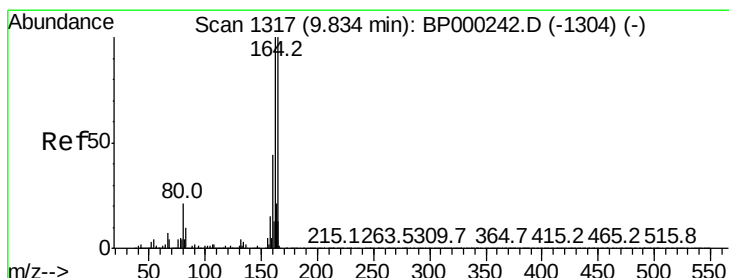
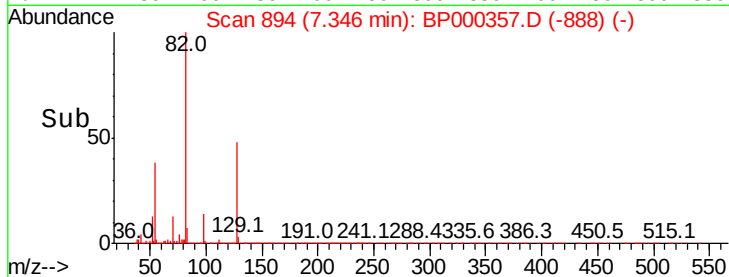
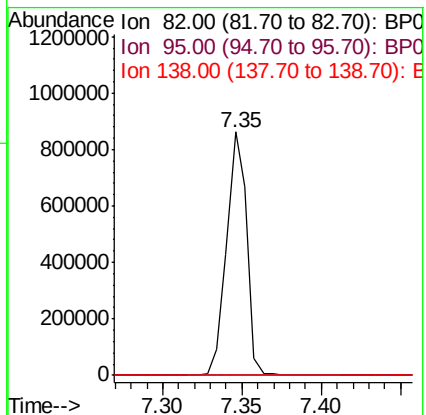
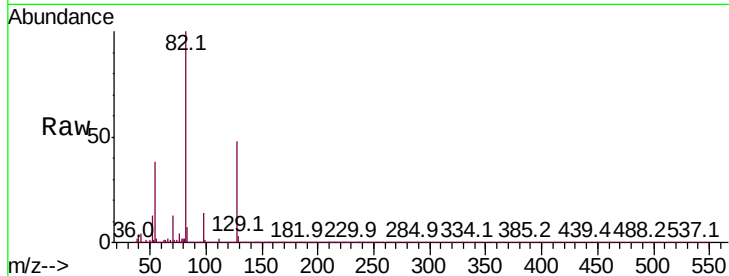
Tot Ion: 82 Resp: 755542

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: BP000357.D

Acq: 20 Sep 2019 16:24

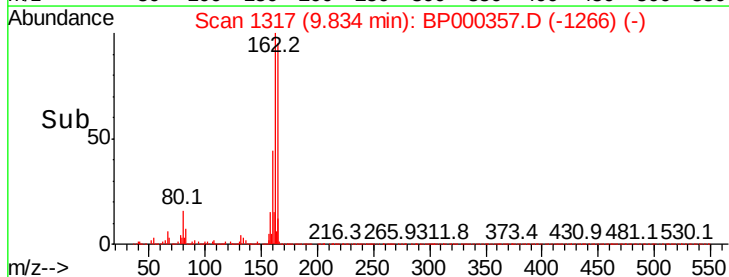
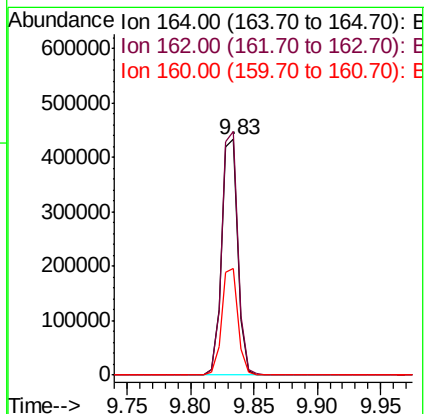
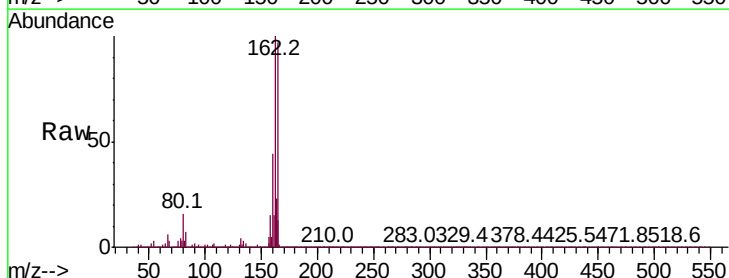
Tgt Ion: 164 Resp: 388200

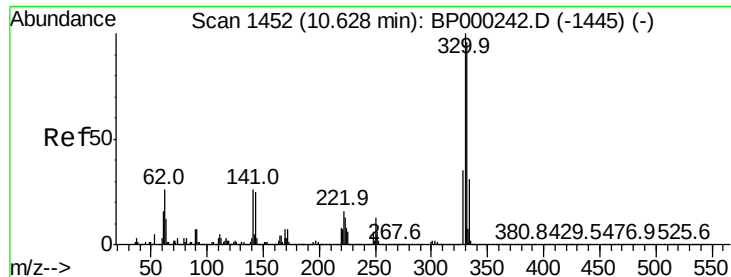
Ion Ratio Lower Upper

164 100

162 103.3 79.9 119.9

160 45.2 35.6 53.4

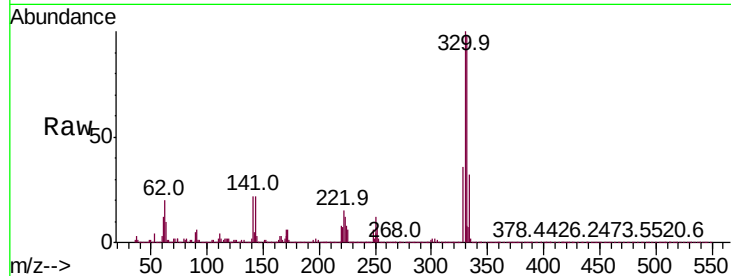




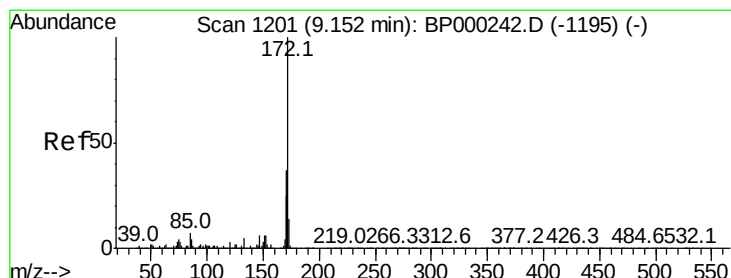
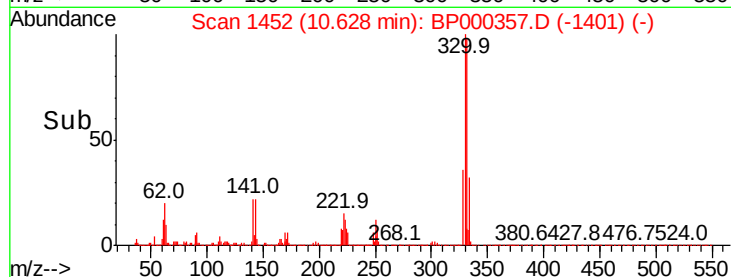
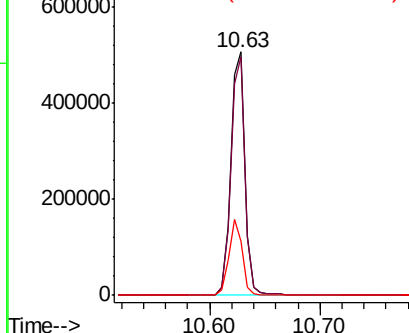
#42
2,4,6-Tribromophenol
Concen: 118.102 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	29.8	26.5	39.7

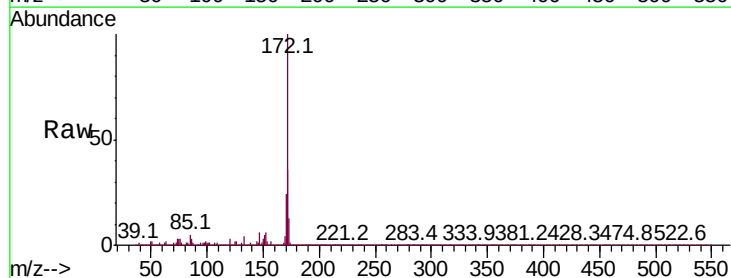


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

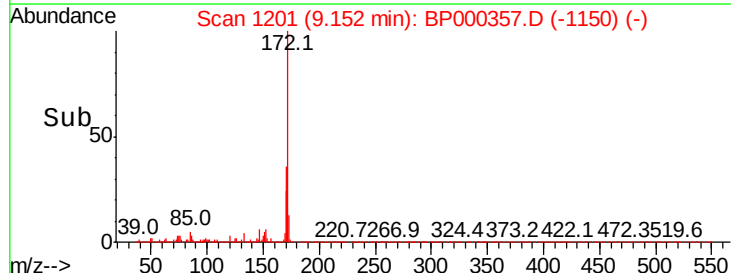
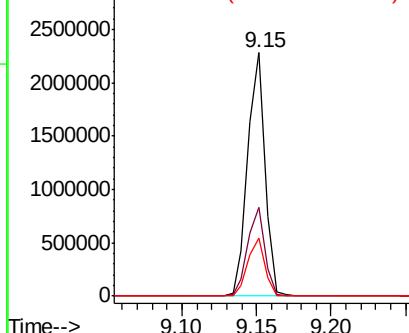


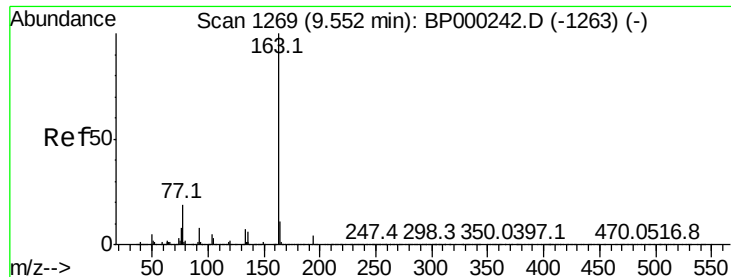
#45
2-Fluorobiphenyl
Concen: 85.053 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	23.8	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

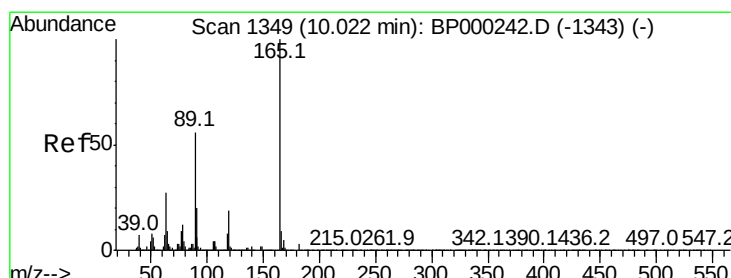
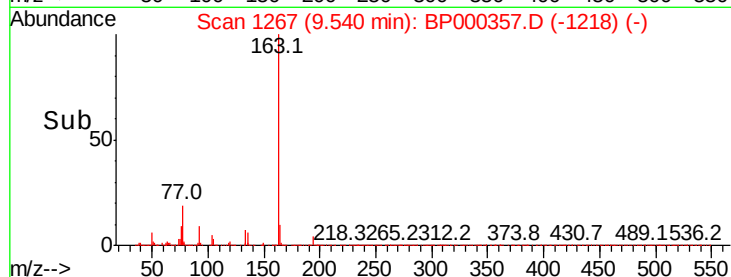
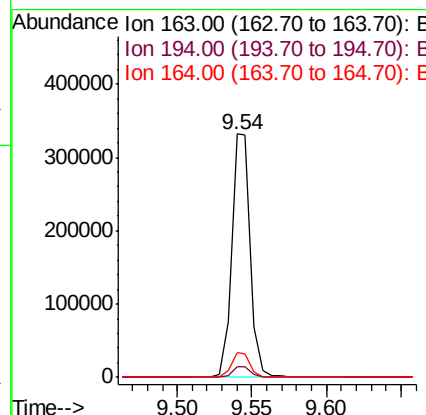
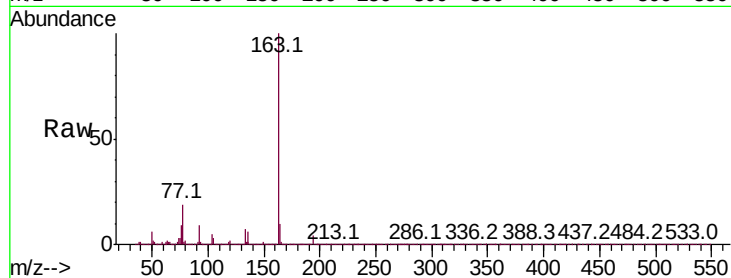




#50
Dimethylphthalate
Concen: 11.071 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

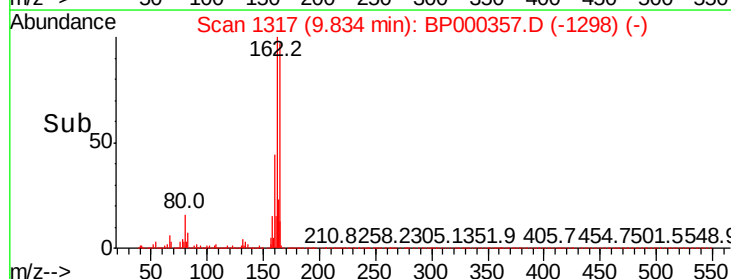
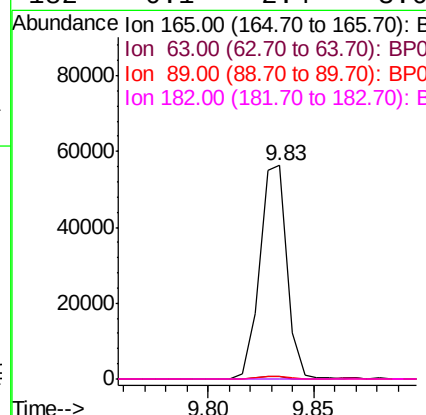
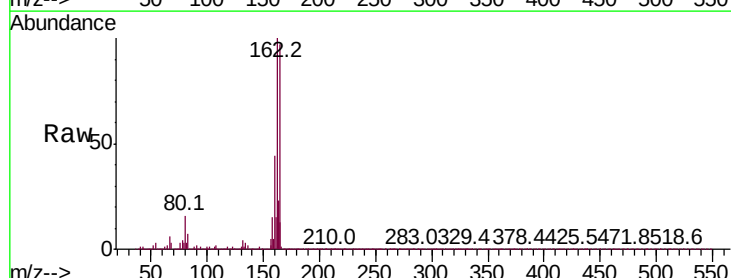
Instrument :
BNA_P
ClientSampleId :

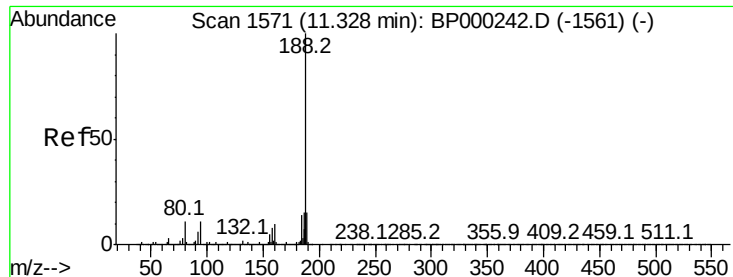
Tot Ion:163 Resp: 292823
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 6.679 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Tgt Ion:165 Resp: 50777
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

Instrument :

BNA_P

ClientSampled :

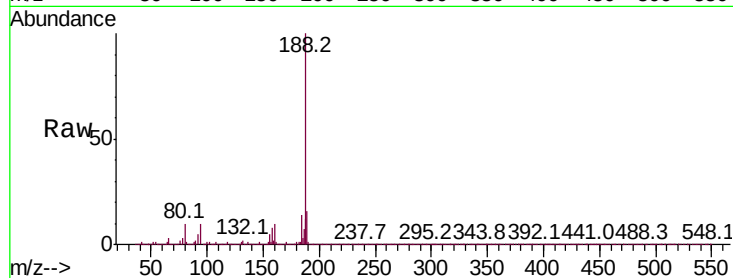
Tot Ion:188 Resp: 703671

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

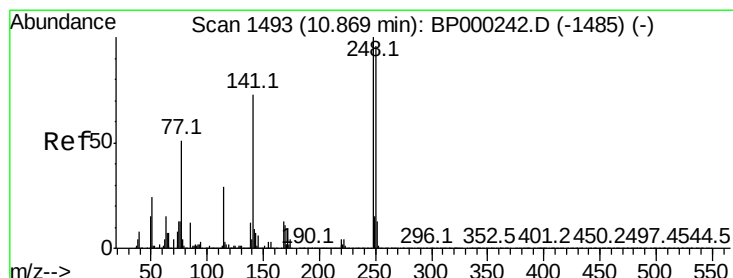
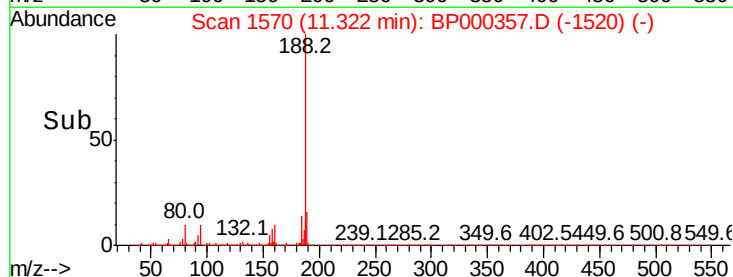
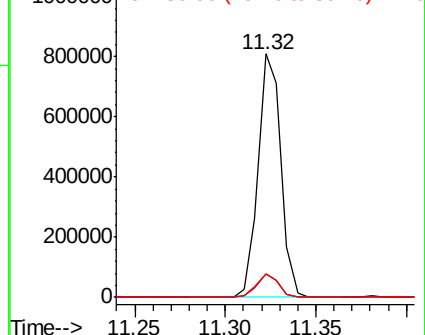
80 9.8 8.6 13.0



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: 3.873 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000357.D

Acq: 20 Sep 2019 16:24

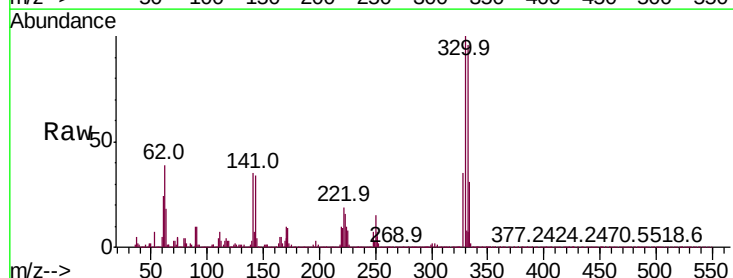
Tgt Ion:248 Resp: 30819

Ion Ratio Lower Upper

248 100

250 203.2 77.0 115.4#

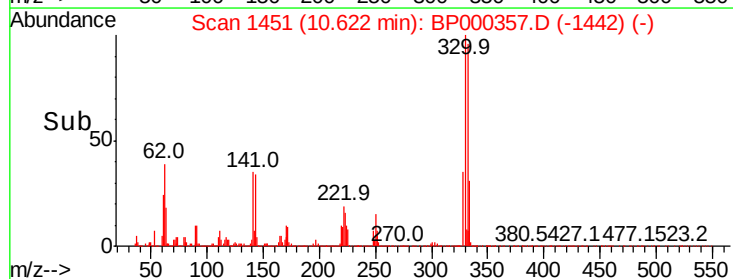
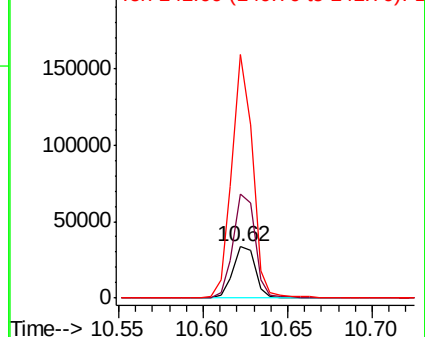
141 474.8 58.5 87.7#

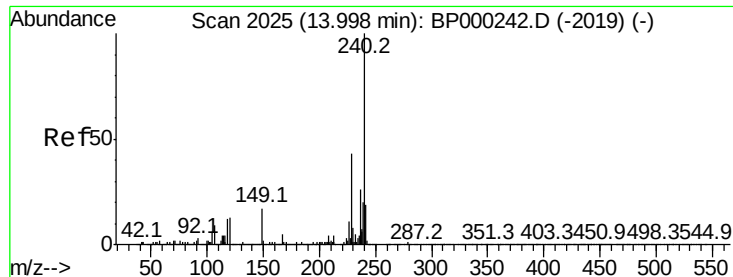


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

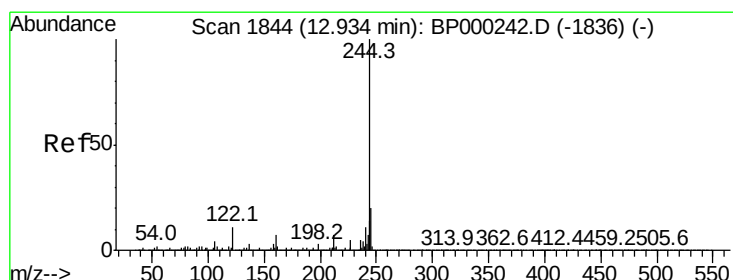
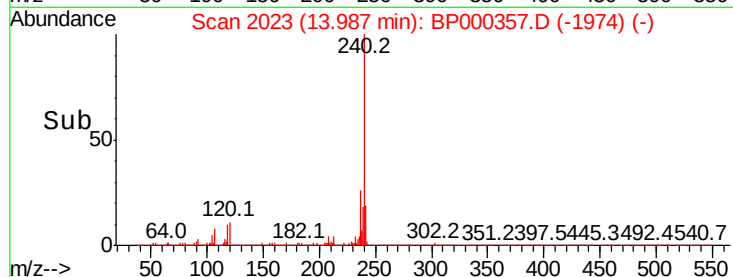
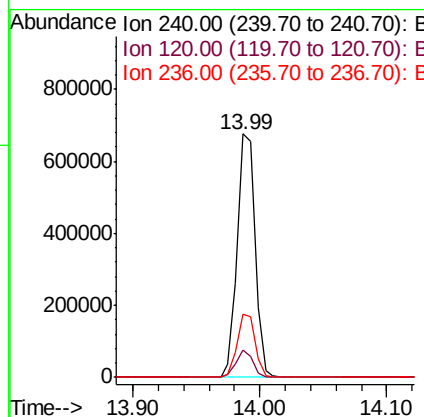
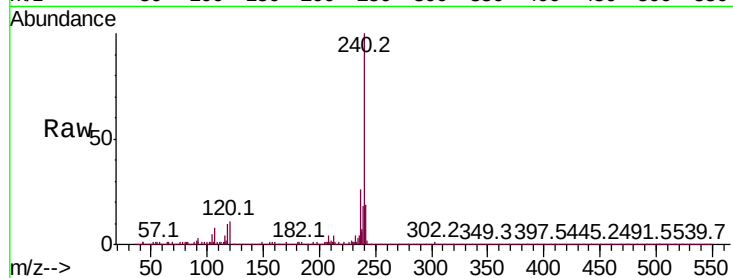




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BP000357.D
 Acq: 20 Sep 2019 16:24

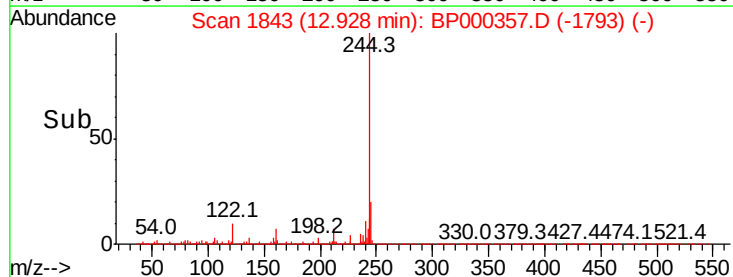
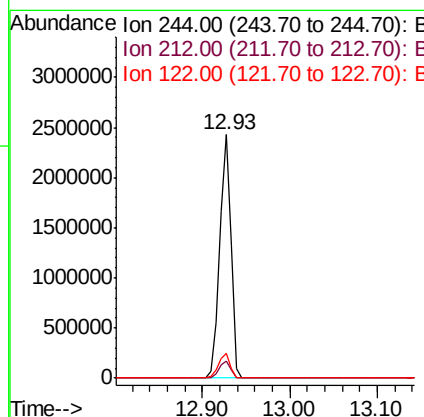
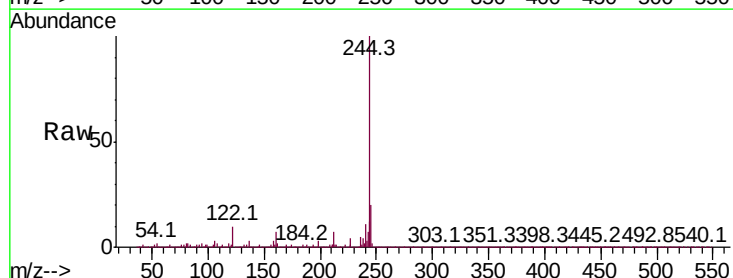
Instrument :
 BNA_P
 ClientSampled :

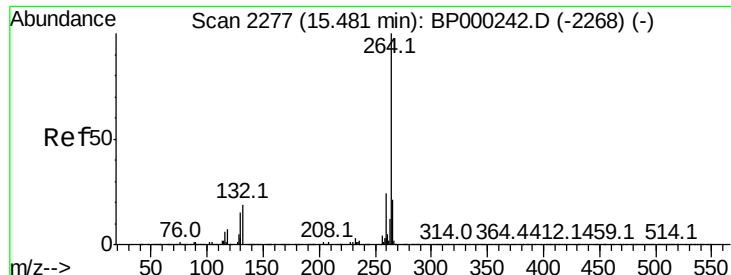
Tot Ion:240 Resp: 654943
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.4 15.6
 236 25.8 21.0 31.6



#79
 Terphenyl-d14
 Concen: 69.699 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000357.D
 Acq: 20 Sep 2019 16:24

Tgt Ion:244 Resp: 2176001
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.0 9.0 13.4

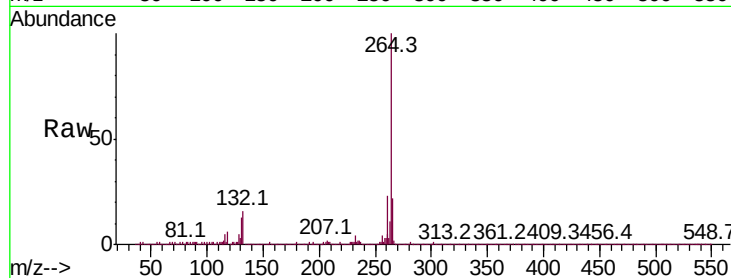




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000357.D
Acq: 20 Sep 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	754228
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.9	28.3
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

