

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000385.D
 Acq On : 24 Sep 2019 15:47
 Operator : JU
 Sample : K5008-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-7

Quant Time: Sep 24 17:00:32 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

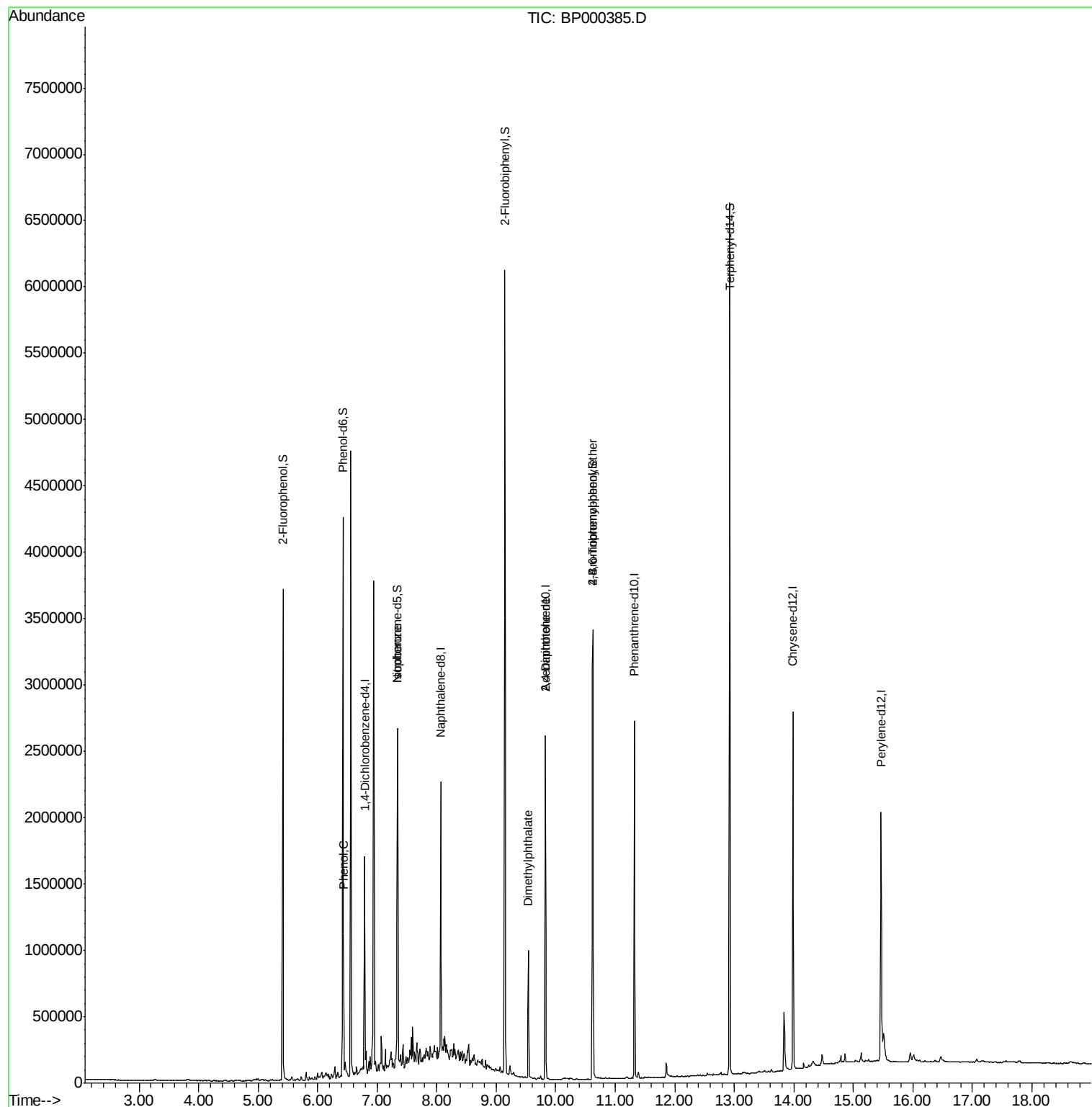
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	231473	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	844785	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	472997	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	899964	20.00	ng	0.00
76) Chrysene-d12	13.99	240	801704	20.00	ng	-0.01
87) Perylene-d12	15.46	264	885523	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1231810	91.87	ng	0.01
7) Phenol-d6	6.43	99	1587257	96.57	ng	0.00
23) Nitrobenzene-d5	7.34	82	876255	66.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	428781	91.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1669937	63.54	ng	0.00
79) Terphenyl-d14	12.92	244	2061118	53.93	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	1358	Below Cal		Qvalue # 30
10) Phenol	6.44	94	49519	2.652 ng		97
25) Isophorone	7.34	82	866210	33.410 ng	#	64
50) Dimethylphthalate	9.54	163	329978	10.240 ng		99
57) 2,4-Dinitrotoluene	9.83	165	61896	6.682 ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	30426	2.990 ng	#	1
69) Atrazine	11.03	200	89	Below Cal	#	1

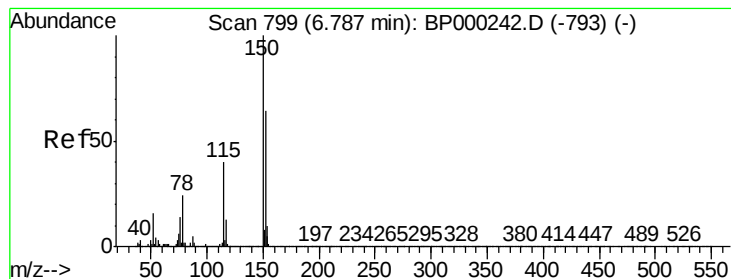
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 14:44:51 2019
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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: BP000385.D

Acq: 24 Sep 2019 15:47

Instrument :

BNA_P

ClientSampled :

SB-7

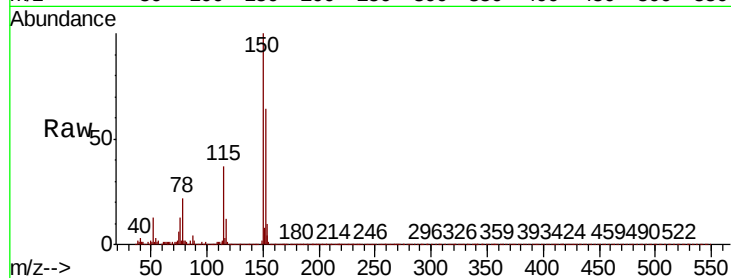
Tot Ion:152 Resp: 231473

Ion Ratio Lower Upper

152 100

150 155.6 125.2 187.8

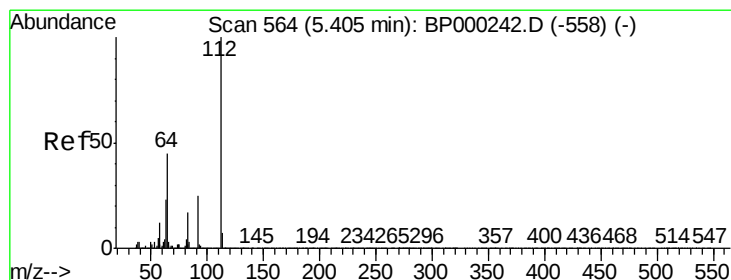
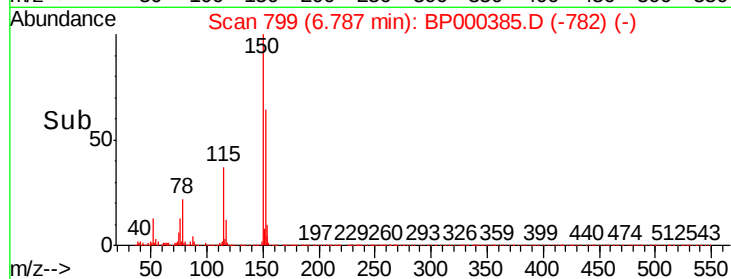
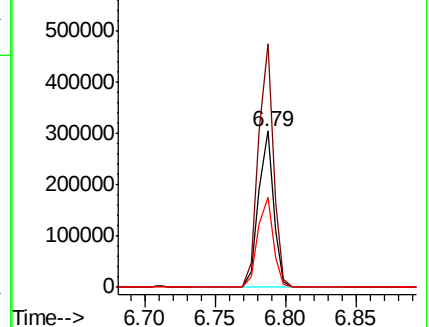
115 57.2 49.7 74.5



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: 91.870 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

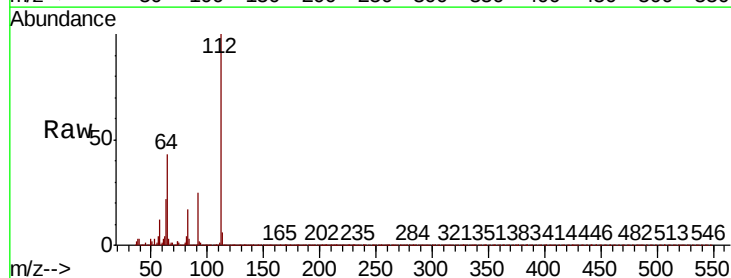
Tgt Ion:112 Resp: 1231810

Ion Ratio Lower Upper

112 100

64 42.9 36.2 54.4

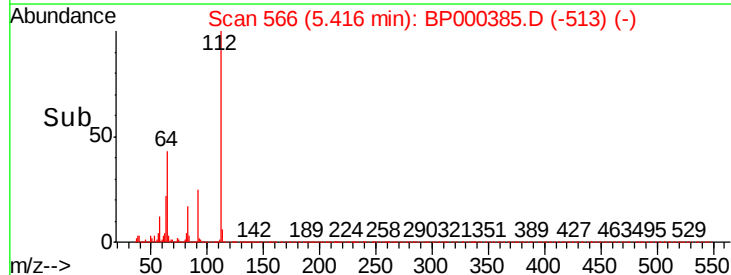
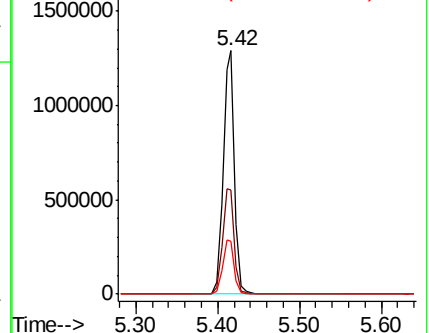
63 21.9 18.3 27.5

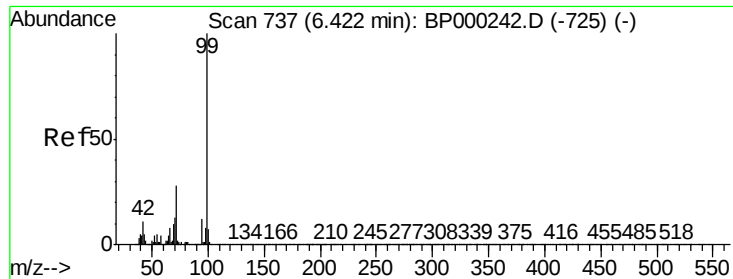


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 96.574 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

Instrument :

BNA_P

ClientSampleId :

SB-7

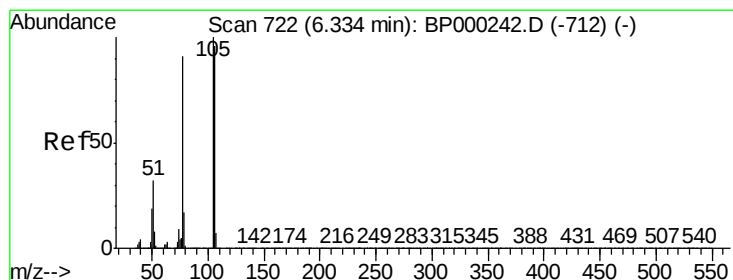
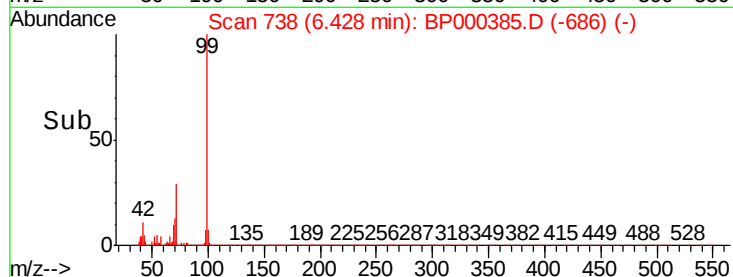
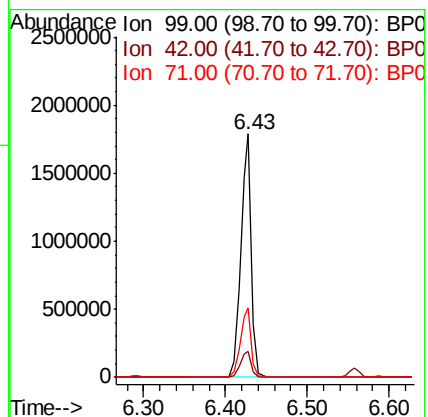
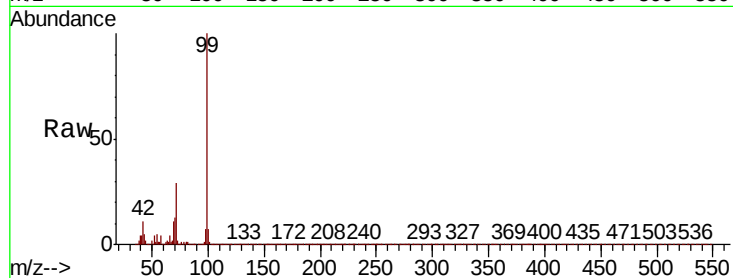
Tot Ion: 99 Resp: 1587257

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 28.7 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

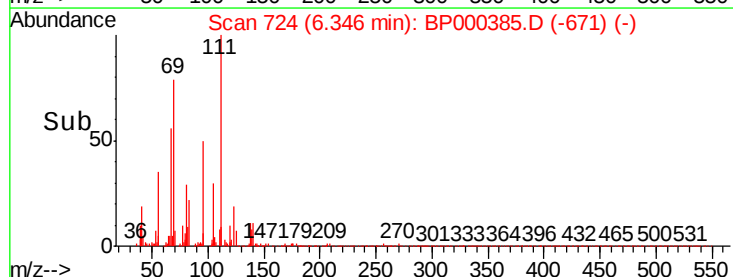
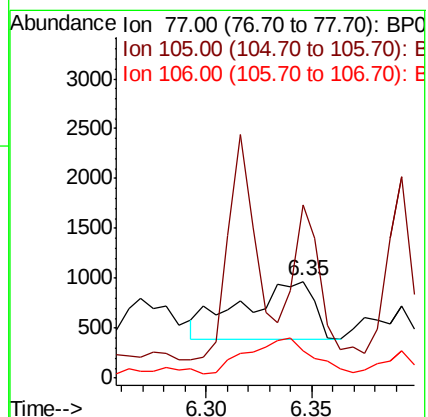
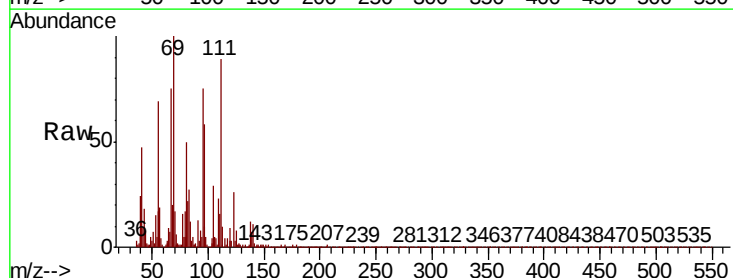
Tgt Ion: 77 Resp: 1358

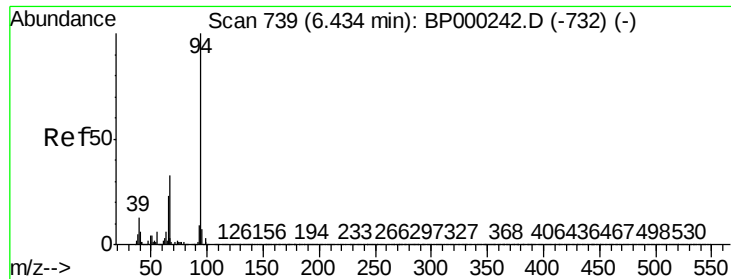
Ion Ratio Lower Upper

77 100

105 179.0 89.6 129.6#

106 28.2 84.6 124.6#





#10

Phenol

Concen: 2.652 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

Instrument :

BNA_P

ClientSampleId :

SB-7

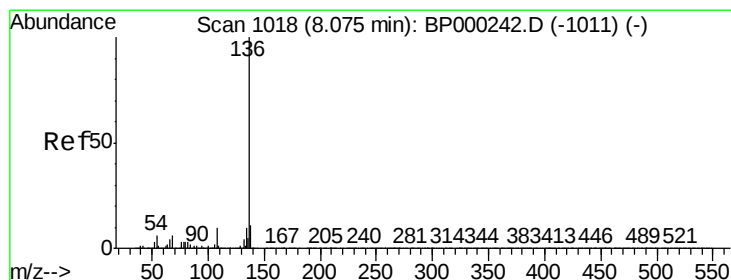
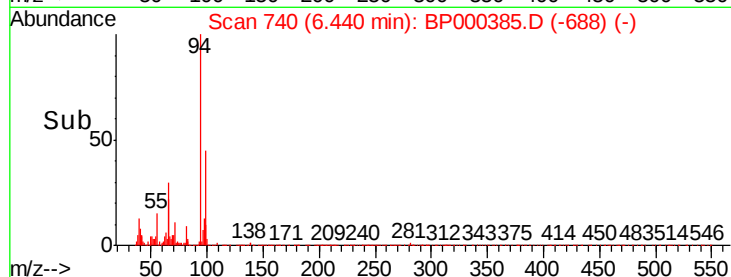
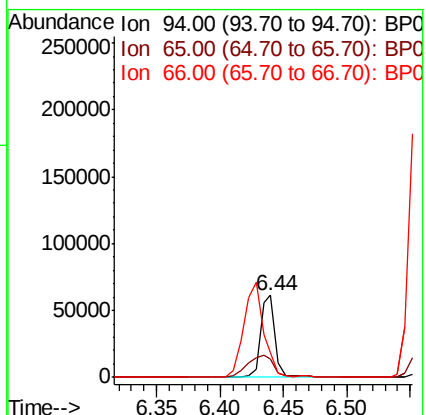
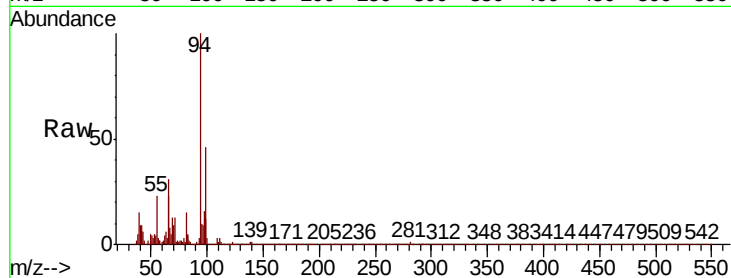
Tot Ion: 94 Resp: 49519

Ion Ratio Lower Upper

94 100

65 22.9 3.3 43.3

66 30.6 12.7 52.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

Tgt Ion: 136 Resp: 844785

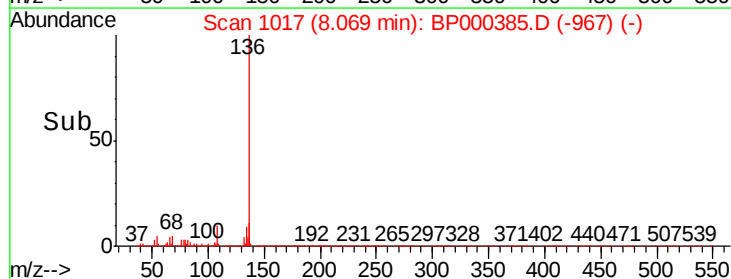
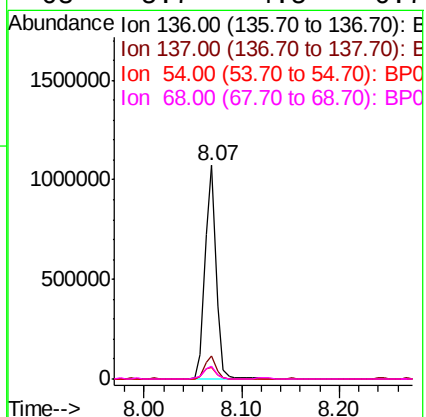
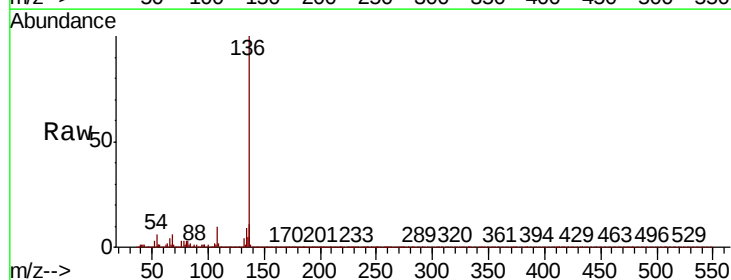
Ion Ratio Lower Upper

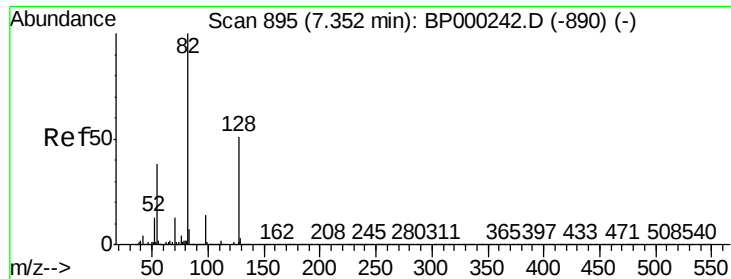
136 100

137 11.1 8.6 13.0

54 5.5 4.5 6.7

68 5.7 4.5 6.7

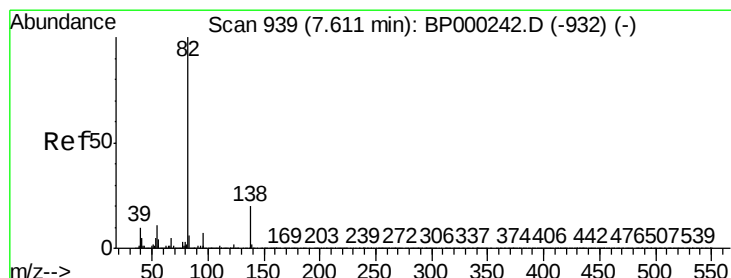
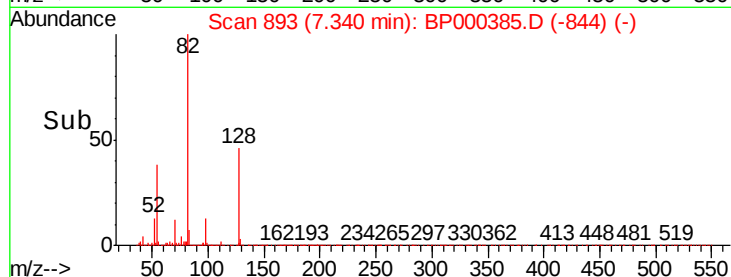
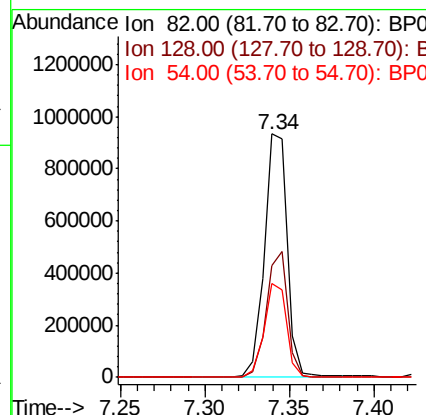
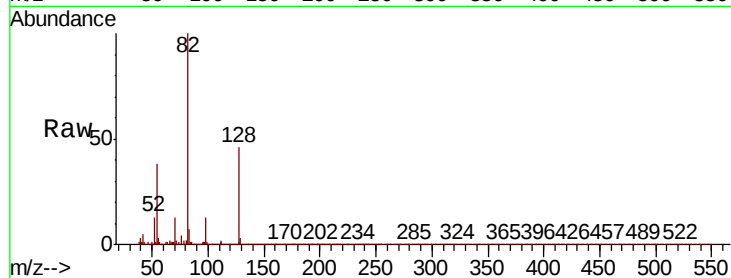




#23
Nitrobenzene-d5
Concen: 66.923 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BP000385.D
Acq: 24 Sep 2019 15:47

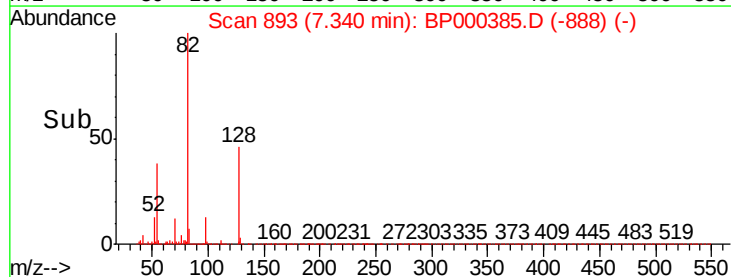
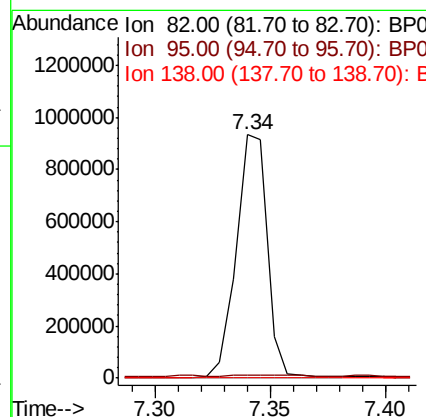
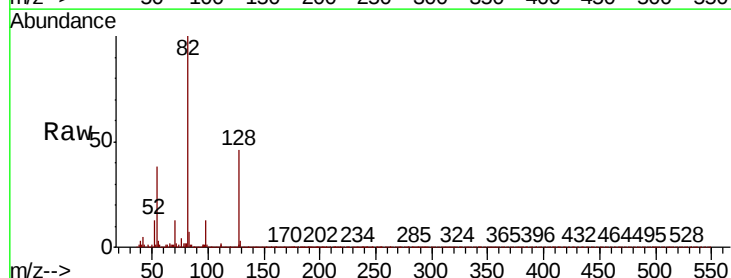
Instrument :
BNA_P
ClientSampleId :
SB-7

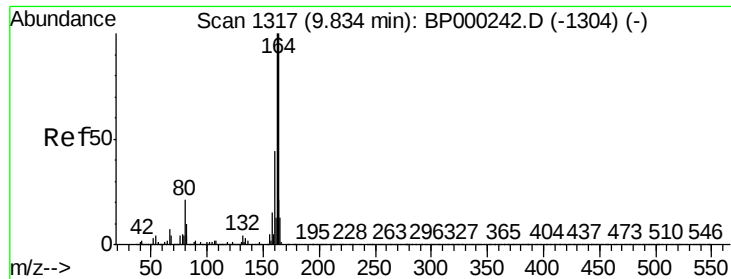
Tot Ion	82	Resp	876255
Ion Ratio	Lower	Upper	
82	100		
128	45.8	40.7	61.1
54	38.3	30.1	45.1



#25
Isophorone
Concen: 33.410 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BP000385.D
Acq: 24 Sep 2019 15:47

Tgt Ion	82	Resp	866210
Ion Ratio	Lower	Upper	
82	100		
95	1.2	5.9	8.9#
138	0.1	15.9	23.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

Instrument :

BNA_P

ClientSampleId :

SB-7

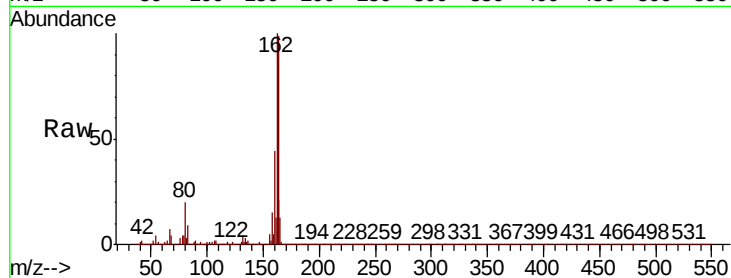
Tot Ion:164 Resp: 472997

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

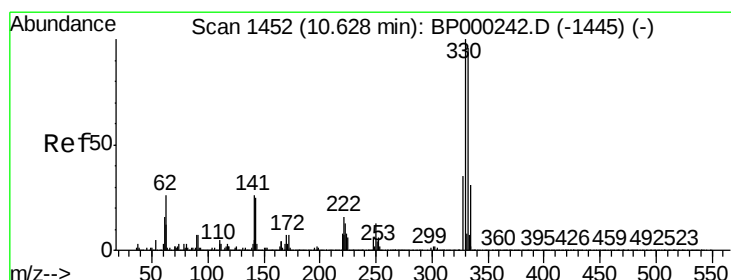
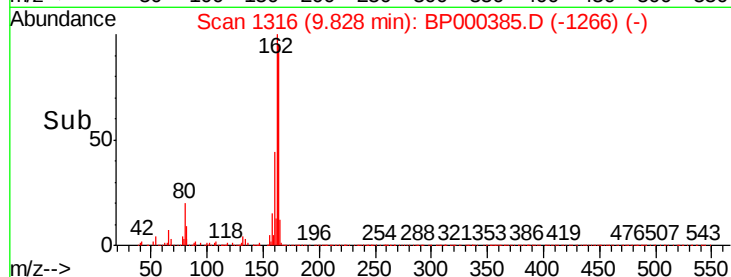
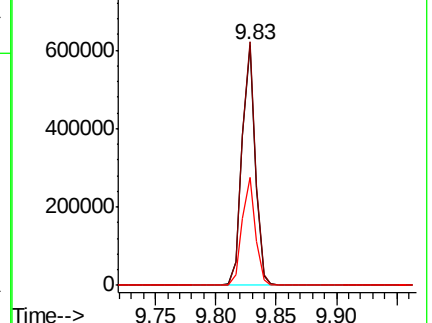
160 45.1 35.6 53.4



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: 91.395 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

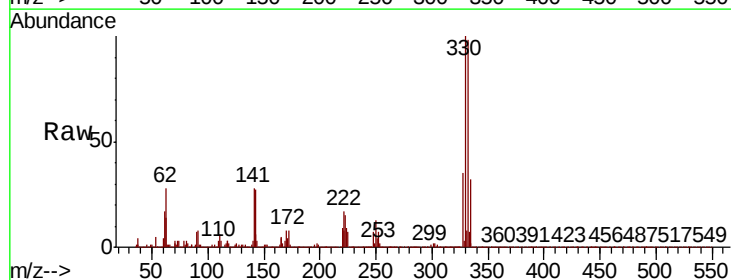
Tgt Ion:330 Resp: 428781

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

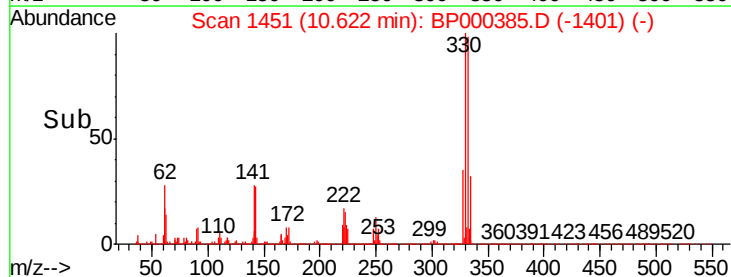
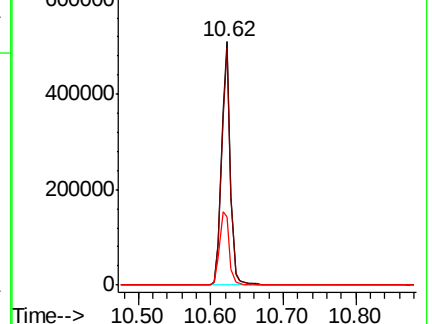
141 33.7 26.5 39.7

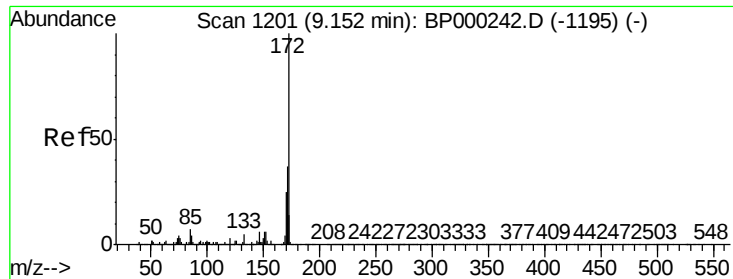


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

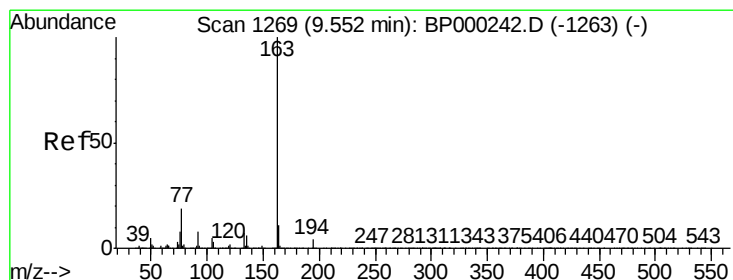
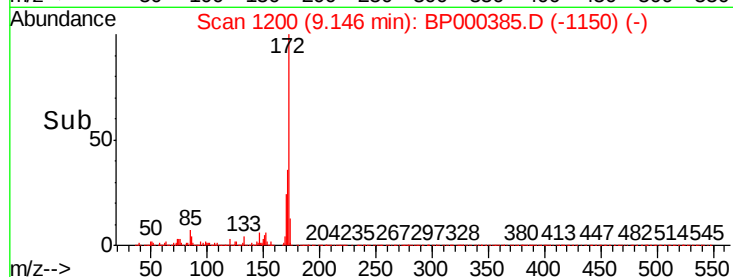
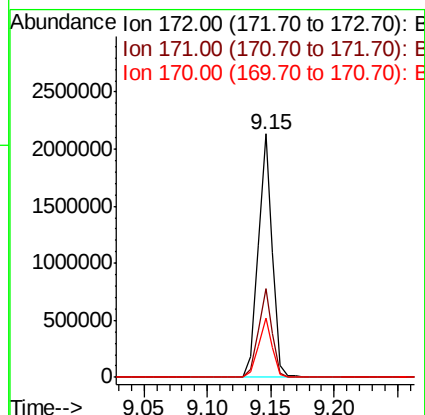
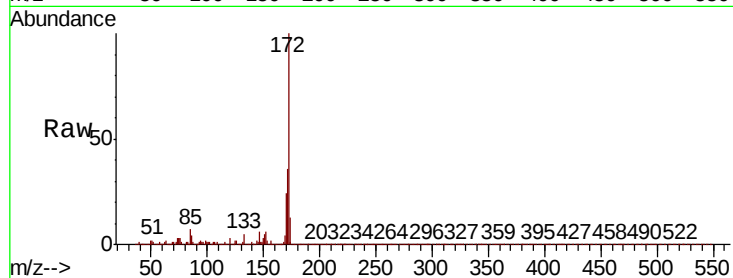




#45
2-Fluorobiphenyl
Concen: 63.543 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000385.D
Acq: 24 Sep 2019 15:47

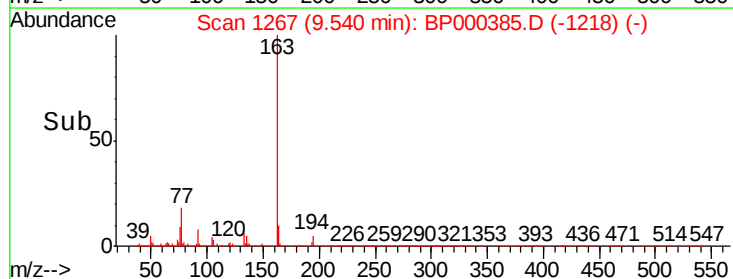
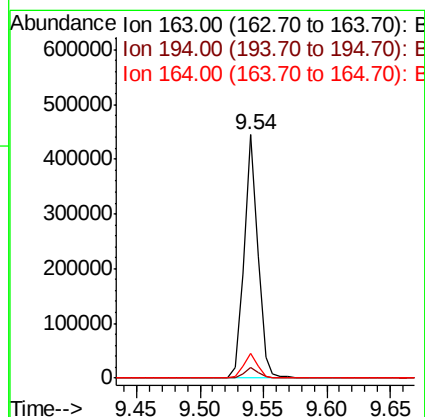
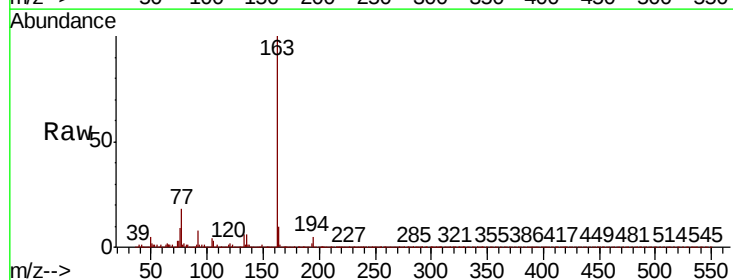
Instrument :
BNA_P
ClientSampled :
SB-7

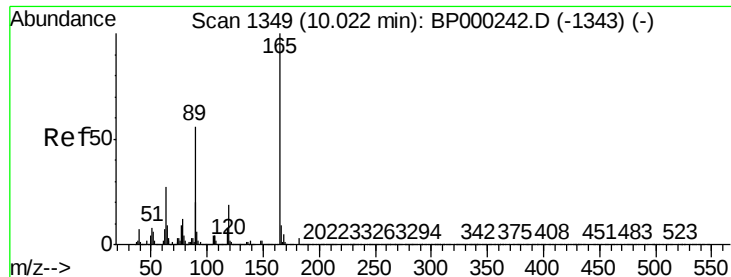
Tot Ion:172 Resp: 1669937
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.1 19.8 29.6



#50
Dimethylphthalate
Concen: 10.240 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000385.D
Acq: 24 Sep 2019 15:47

Tgt Ion:163 Resp: 329978
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.3 8.5 12.7

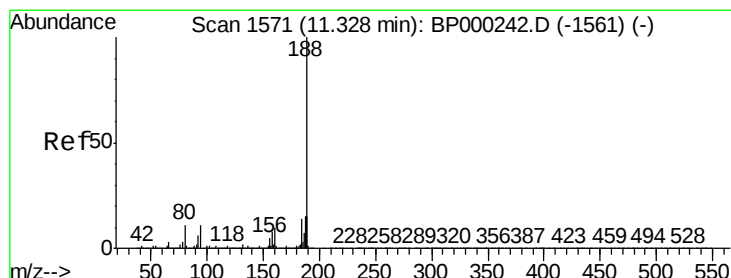
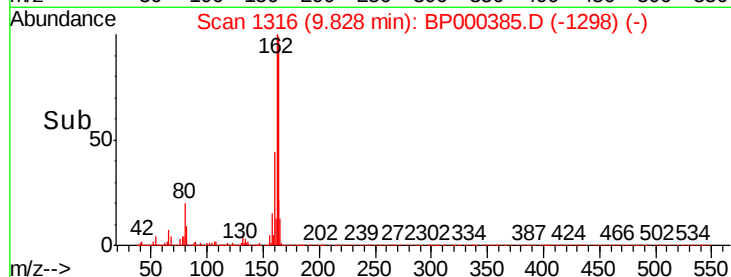
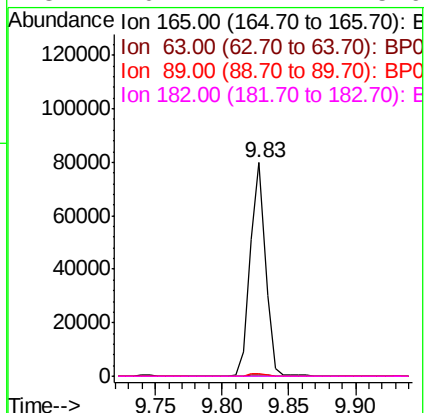
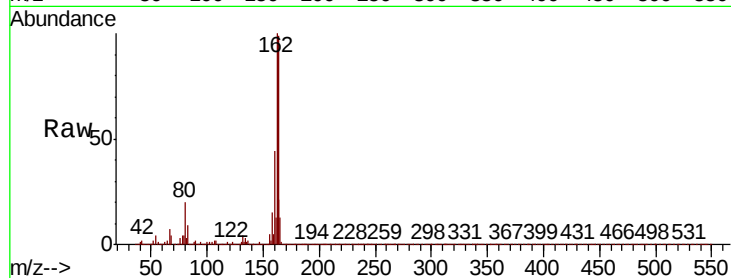




#57
 2,4-Dinitrotoluene
 Concen: 6.682 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BP000385.D
 Acq: 24 Sep 2019 15:47

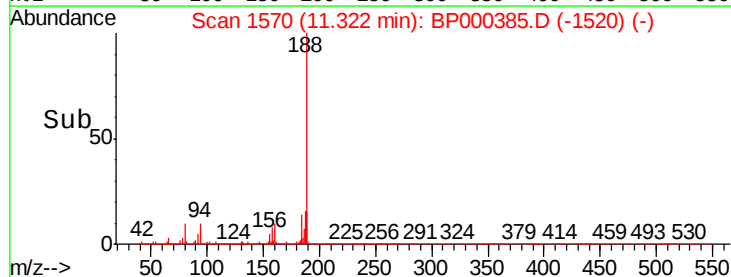
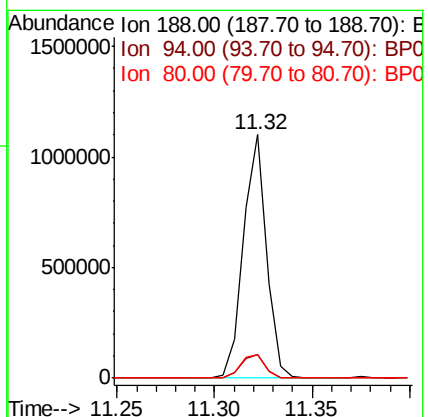
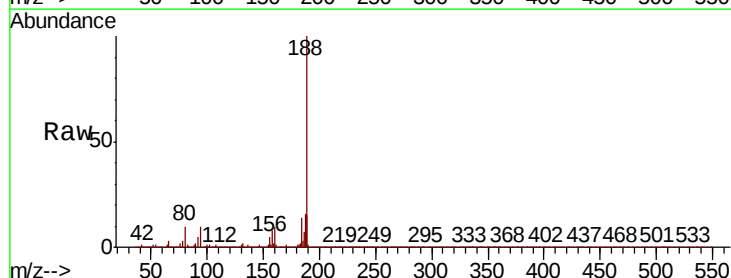
Instrument :
 BNA_P
 ClientSampleId :
 SB-7

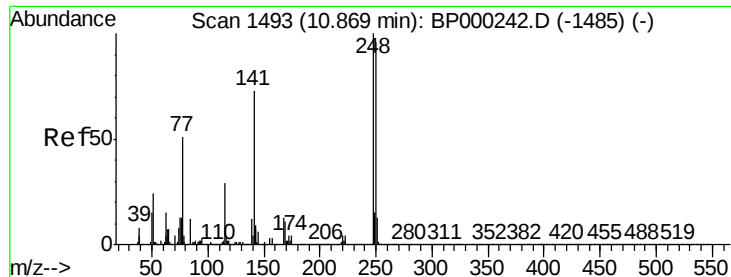
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	21.7	32.5#
89	1.4	45.0	67.6#
182	0.1	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BP000385.D
 Acq: 24 Sep 2019 15:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.7	8.6	13.0

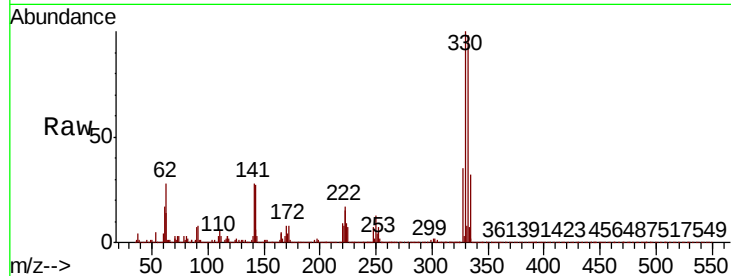




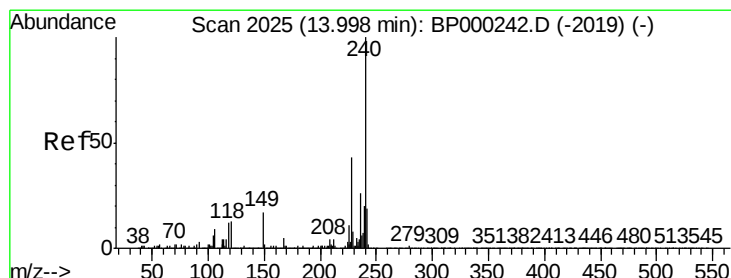
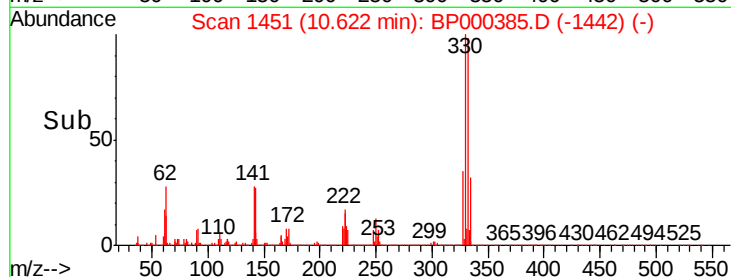
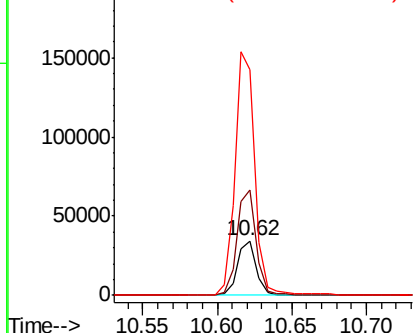
#67
4-Bromophenyl-phenylether
Concen: 2.990 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000385.D
Acq: 24 Sep 2019 15:47

Instrument :
BNA_P
ClientSampleId :
SB-7

Tot Ion:248 Resp: 30426
Ion Ratio Lower Upper
248 100
250 192.1 77.0 115.4#
141 410.7 58.5 87.7#

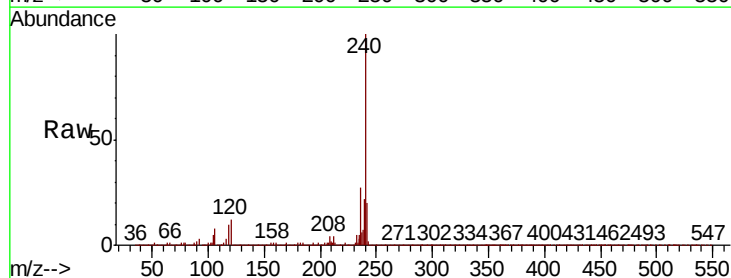


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

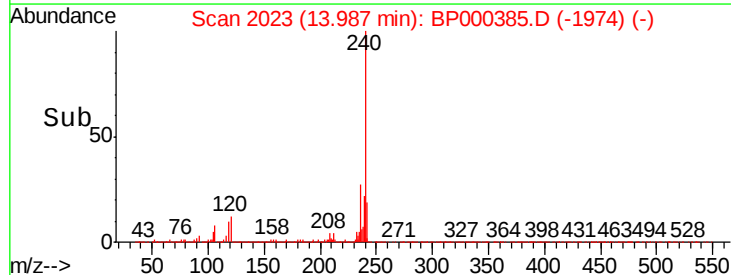
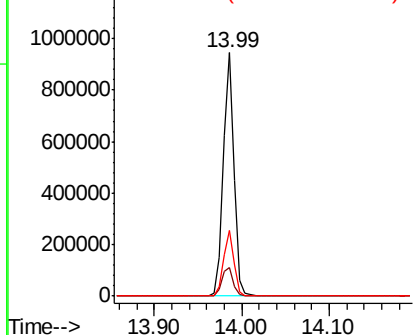


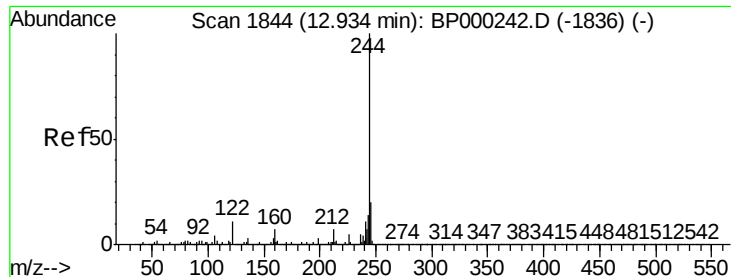
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000385.D
Acq: 24 Sep 2019 15:47

Tgt Ion:240 Resp: 801704
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 27.1 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: 53.934 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

Instrument :

BNA_P

ClientSampleId :

SB-7

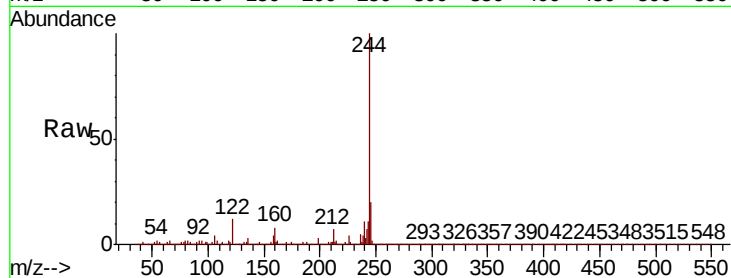
Tot Ion:244 Resp: 2061118

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

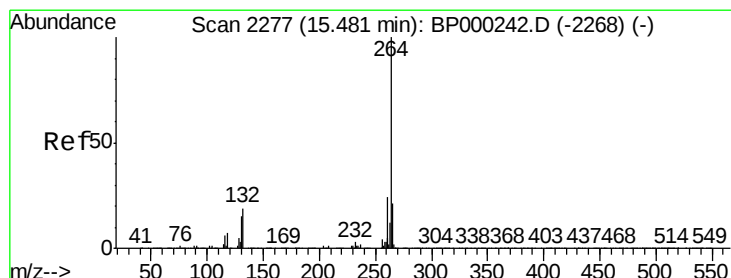
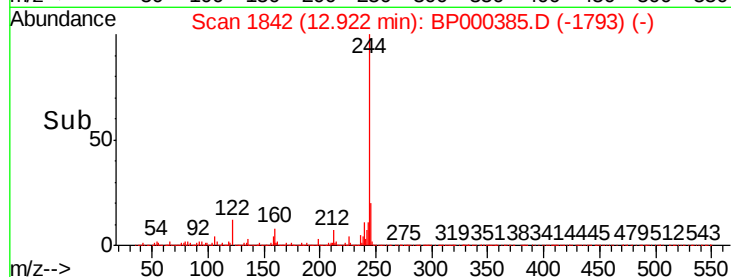
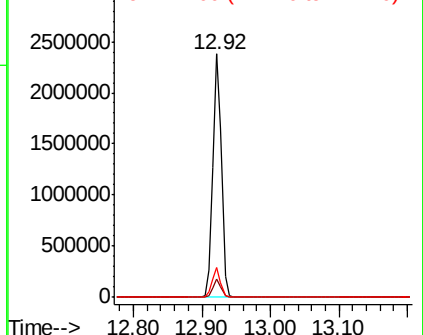
122 12.1 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BP000385.D

Acq: 24 Sep 2019 15:47

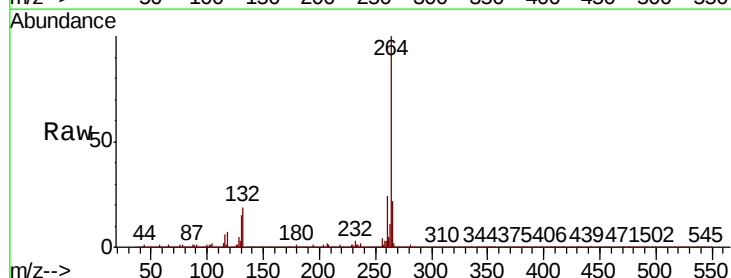
Tgt Ion:264 Resp: 885523

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.8 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

