

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000446.D
 Acq On : 27 Sep 2019 03:50
 Operator : JU
 Sample : K5012-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:44:49 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	248794	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	892833	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	490265	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	894599	20.00	ng	0.00
76) Chrysene-d12	14.00	240	735506	20.00	ng	0.00
87) Perylene-d12	15.49	264	808147	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1714771	118.99	ng	0.02
7) Phenol-d6	6.43	99	2143044	121.31	ng	0.01
23) Nitrobenzene-d5	7.35	82	1279146	92.44	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	662119	136.16	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2642845	97.02	ng	0.00
79) Terphenyl-d14	12.94	244	3128792	89.24	ng	0.00

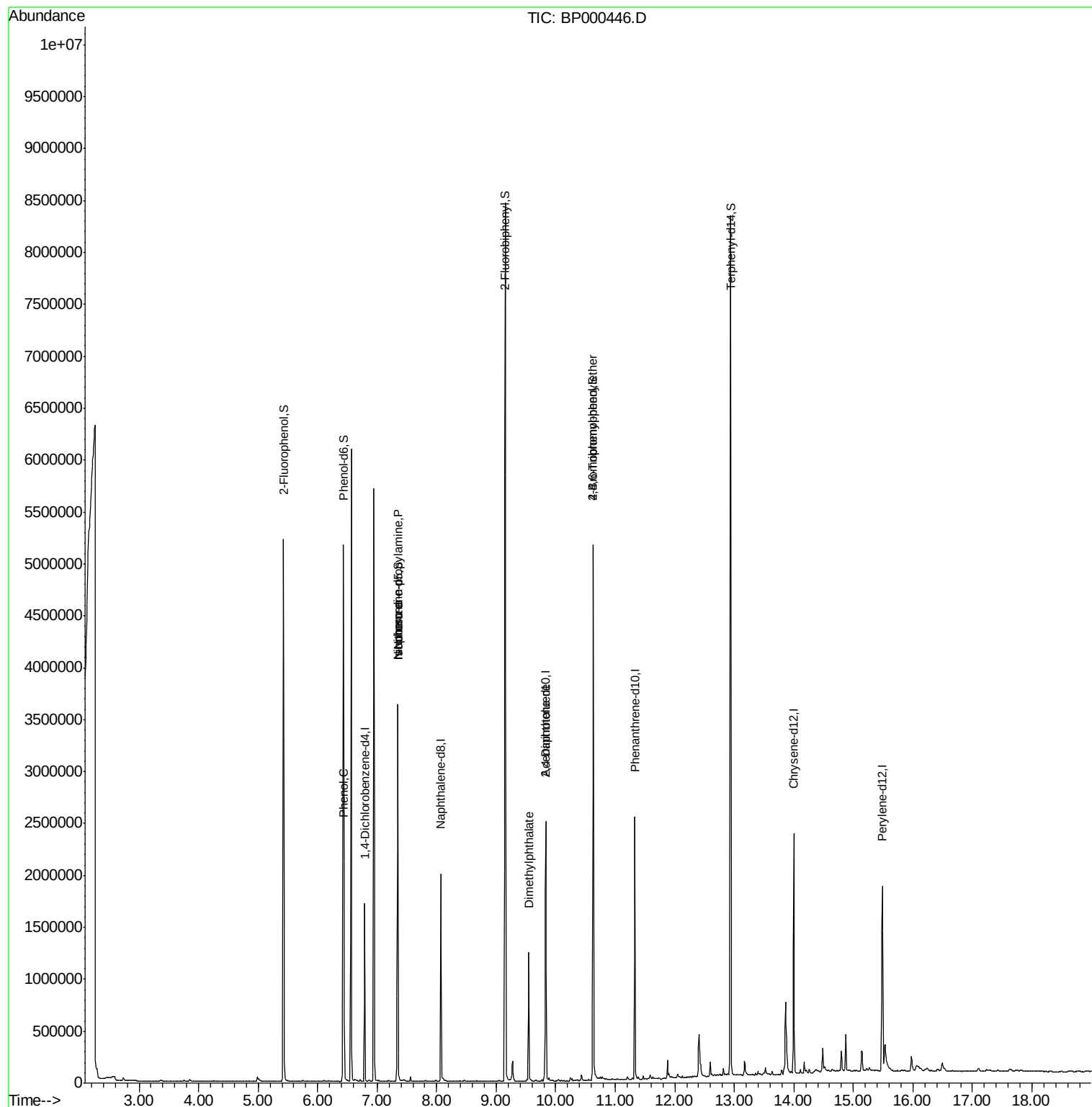
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	4513	Below Cal	#	1
10) Phenol	6.45	94	163211	8.132	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	158548	16.975	ng	75
25) Isophorone	7.35	82	1278843	46.671	ng	63
50) Dimethylphthalate	9.55	163	484921	14.518	ng	99
57) 2,4-Dinitrotoluene	9.83	165	64243	6.691	ng	35
67) 4-Bromophenyl-phenylether	10.63	248	46448	4.591	ng	1
69) Atrazine	11.00	200	69	Below Cal	#	6

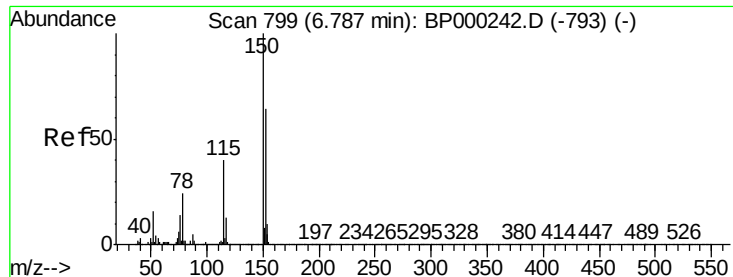
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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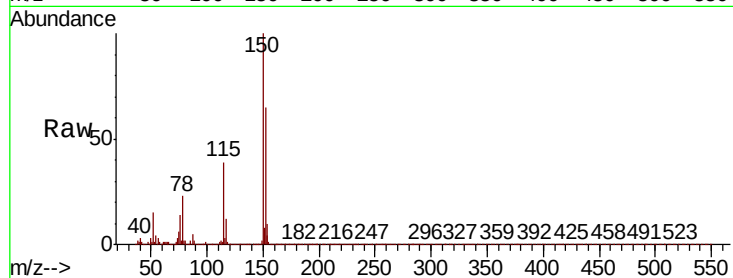


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000446.D
Acq: 27 Sep 2019 03:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.2	187.8
115	59.7	49.7	74.5

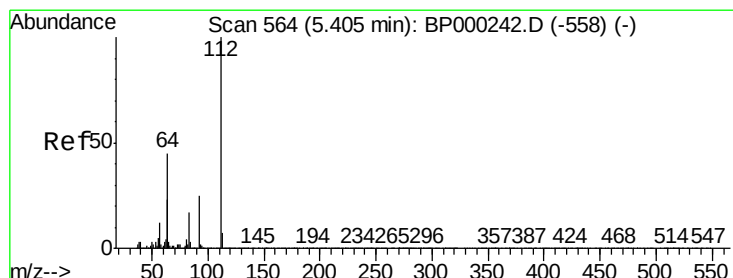
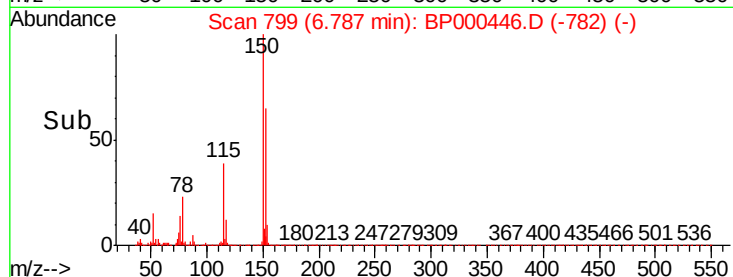
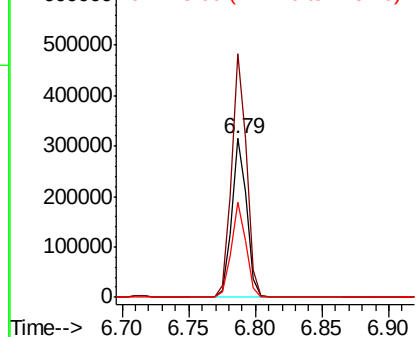


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

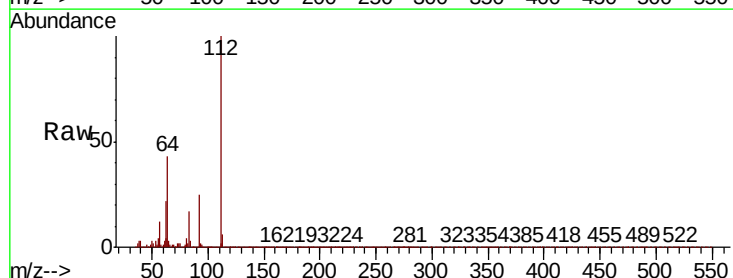
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.986 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000446.D
Acq: 27 Sep 2019 03:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.9	36.2	54.4
63	22.3	18.3	27.5

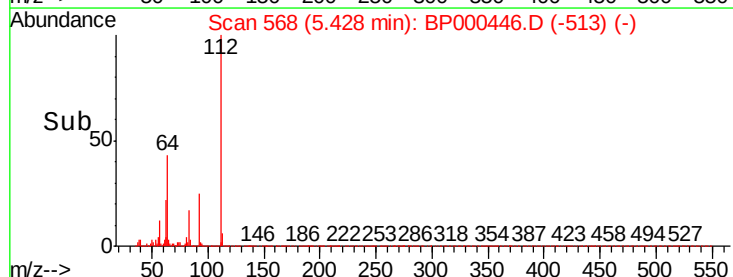
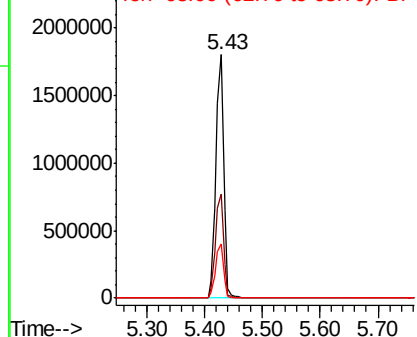


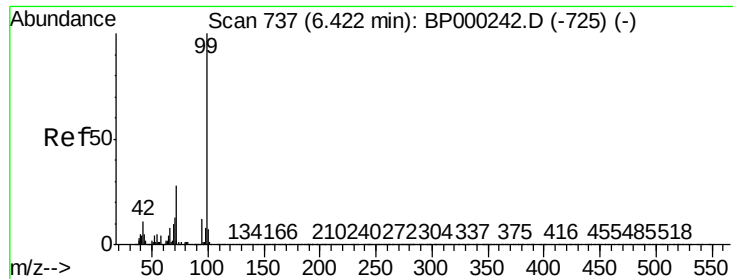
Abundance

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: 121.312 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

Instrument :

BNA_P

ClientSampleId :

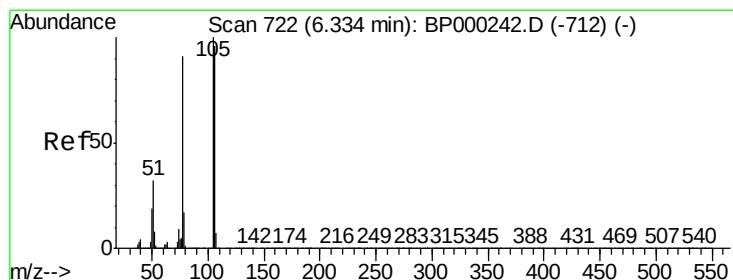
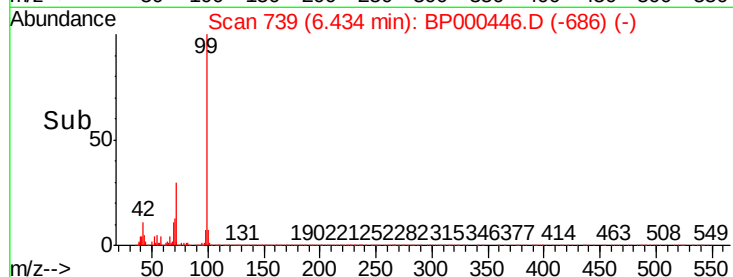
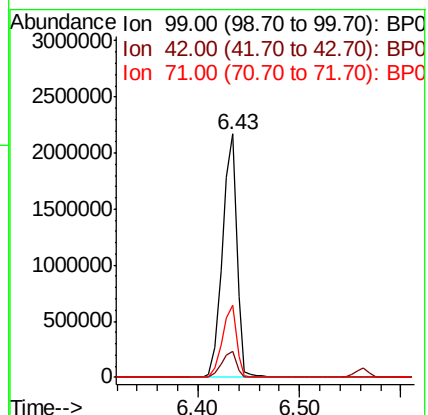
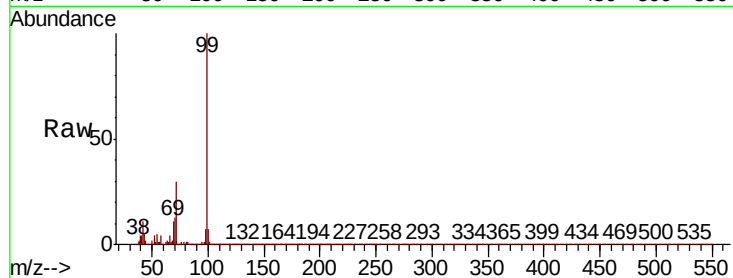
Tot Ion: 99 Resp: 2143044

Ion Ratio Lower Upper

99 100

42 10.8 8.5 12.7

71 29.6 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

Delta R.T. 0.10 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

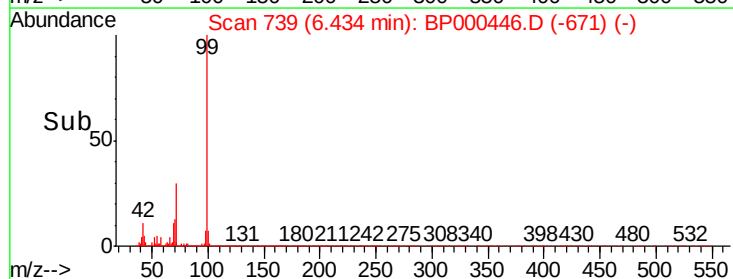
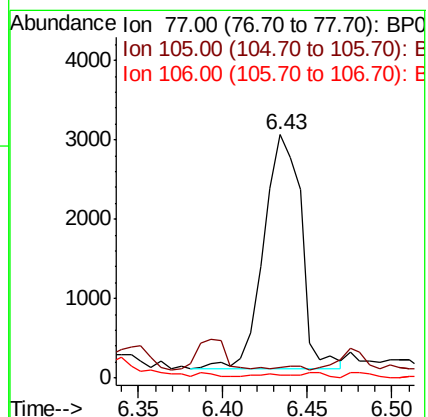
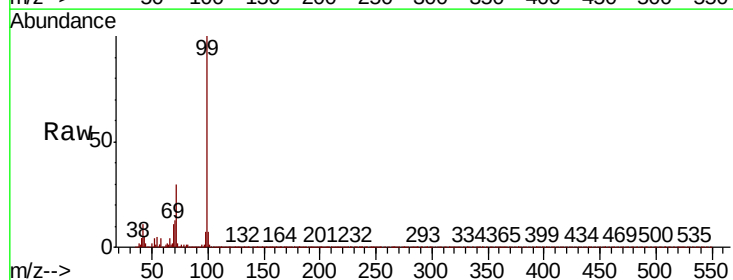
Tgt Ion: 77 Resp: 4513

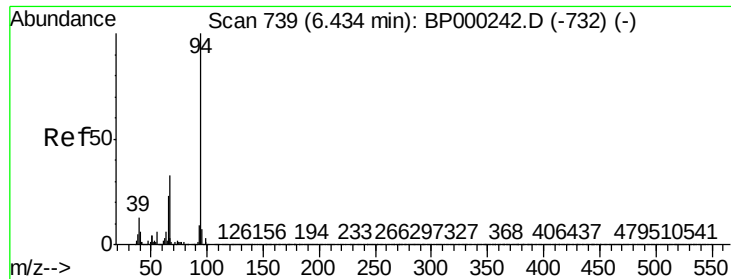
Ion Ratio Lower Upper

77 100

105 4.5 89.6 129.6#

106 1.4 84.6 124.6#





#10

Phenol

Concen: 8.132 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

Instrument :

BNA_P

ClientSampleId :

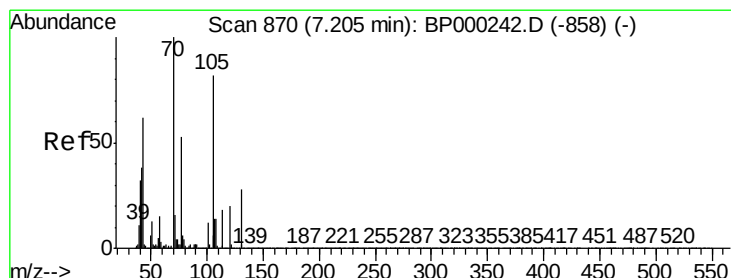
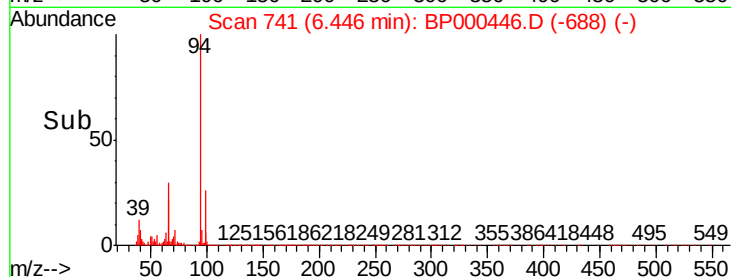
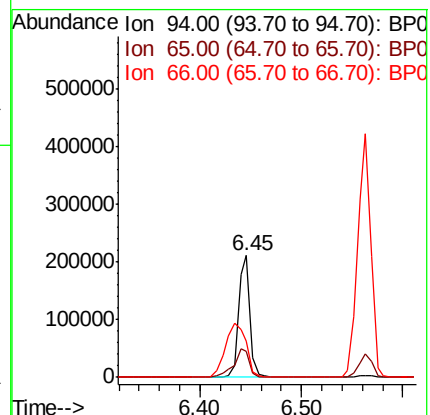
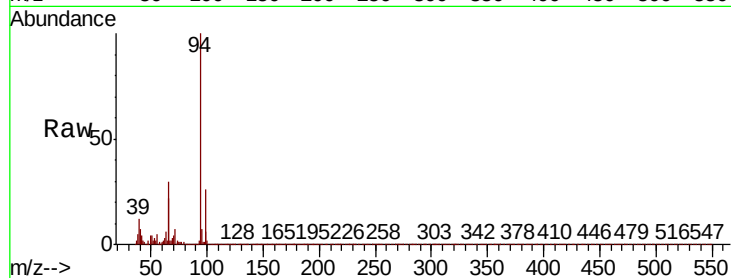
Tot Ion: 94 Resp: 163211

Ion Ratio Lower Upper

94 100

65 21.7 3.3 43.3

66 29.6 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.975 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

Tgt Ion: 70 Resp: 158548

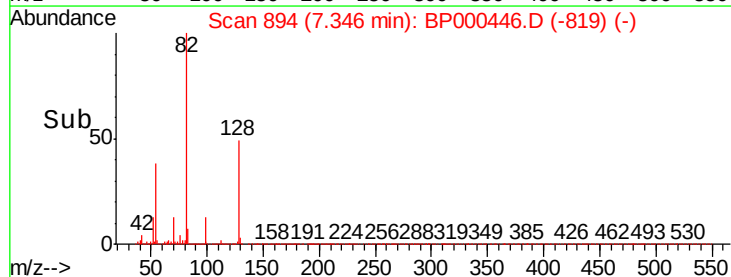
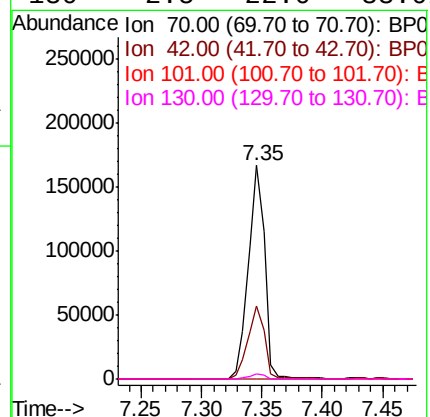
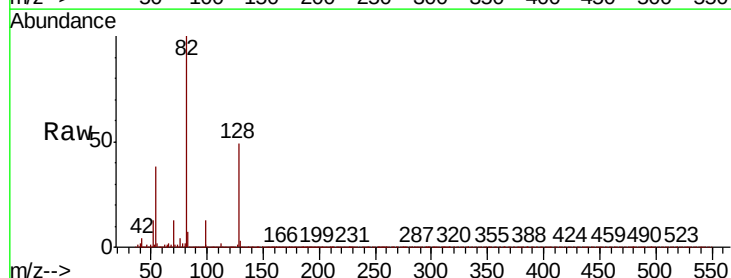
Ion Ratio Lower Upper

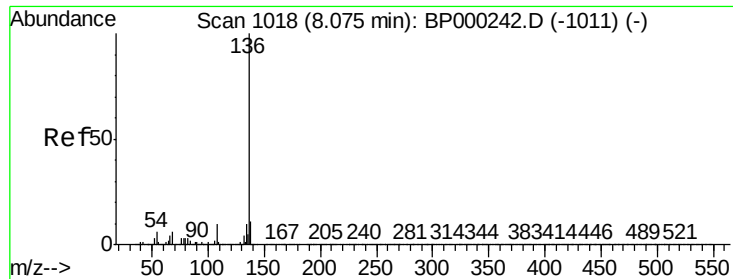
70 100

42 34.1 30.7 46.1

101 0.0 9.6 14.4#

130 2.5 22.0 33.0#

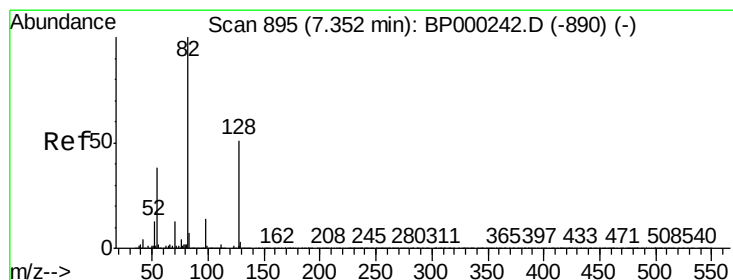
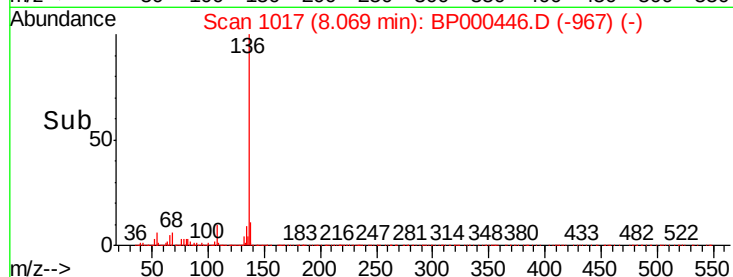
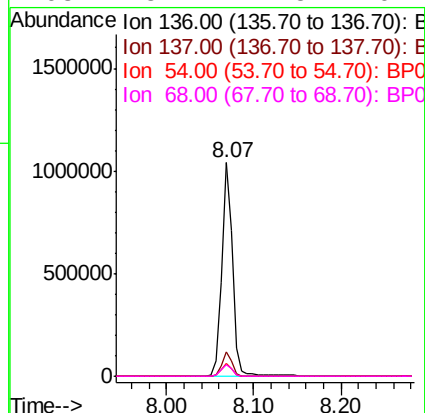
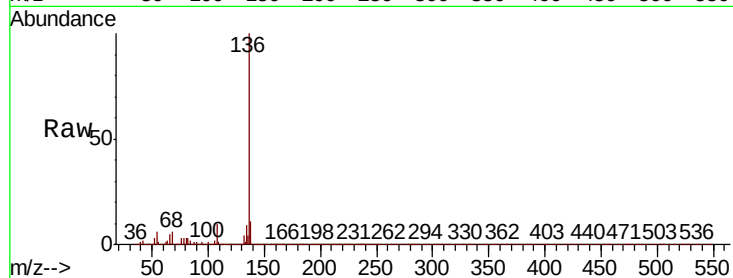




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000446.D
Acq: 27 Sep 2019 03:50

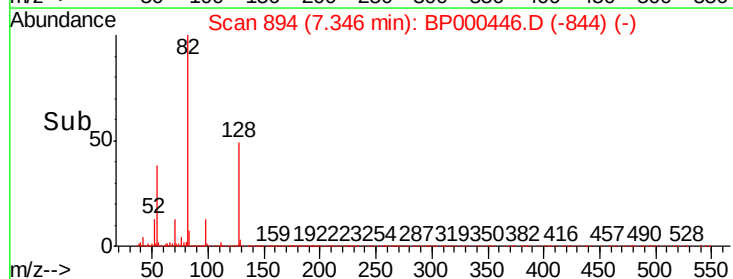
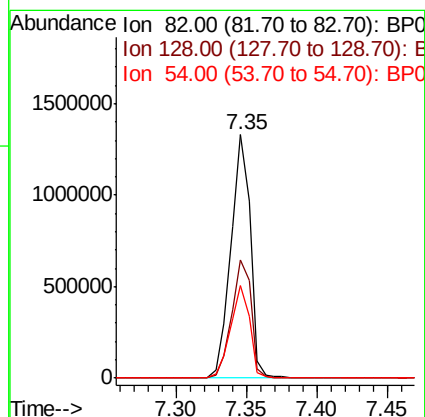
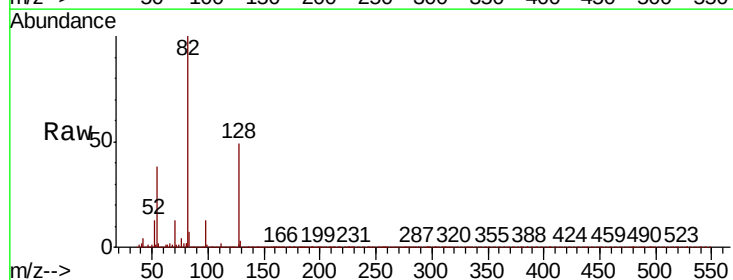
Instrument :
BNA_P
ClientSampleId :

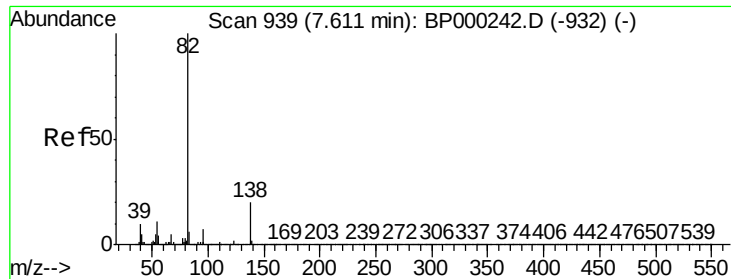
Tot Ion:136	Resp:	892833
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 13.0
54	5.9	4.5 6.7
68	5.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 92.436 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000446.D
Acq: 27 Sep 2019 03:50

Tgt Ion: 82	Resp:	1279146
Ion	Ratio	Lower Upper
82	100	
128	48.7	40.7 61.1
54	38.1	30.1 45.1





#25

Isophorone

Concen: 46.671 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

Instrument :

BNA_P

ClientSampleId :

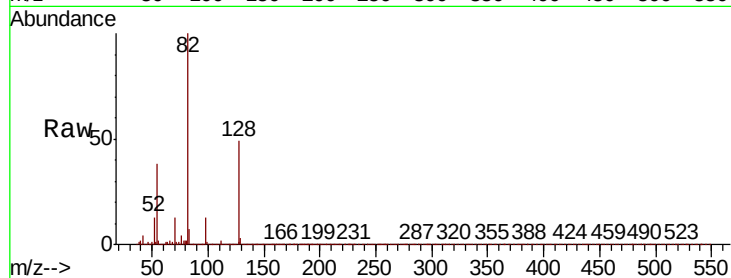
Tot Ion: 82 Resp: 1278843

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

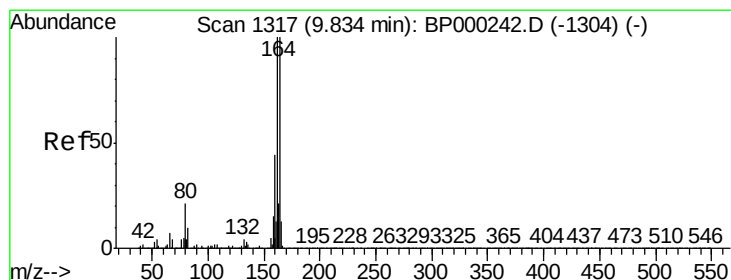
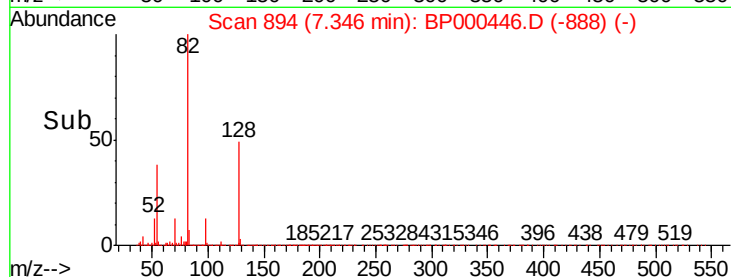
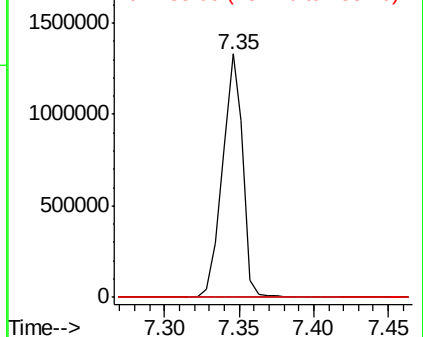
138 0.0 15.9 23.9#



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: BP000446.D

Acq: 27 Sep 2019 03:50

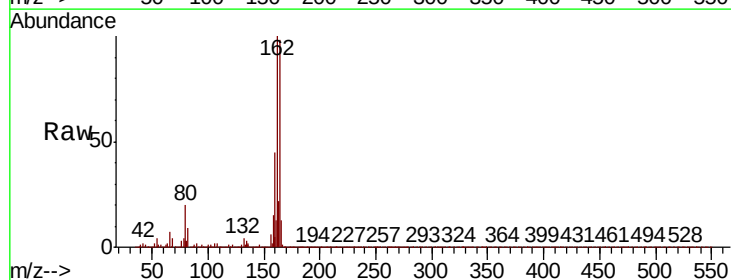
Tgt Ion: 164 Resp: 490265

Ion Ratio Lower Upper

164 100

162 101.6 79.9 119.9

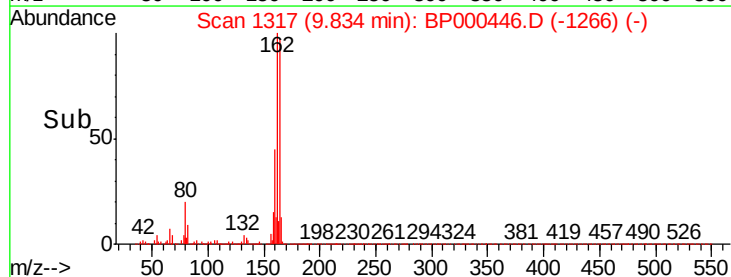
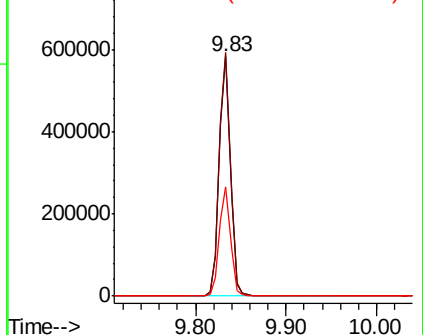
160 45.5 35.6 53.4

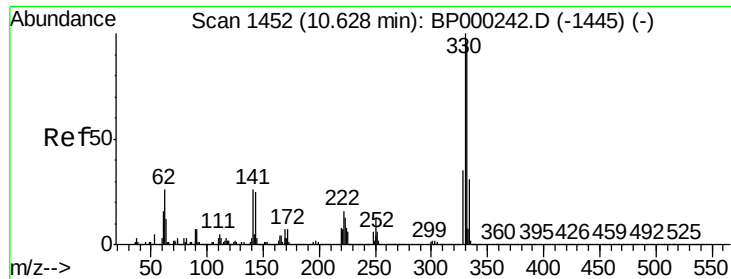


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

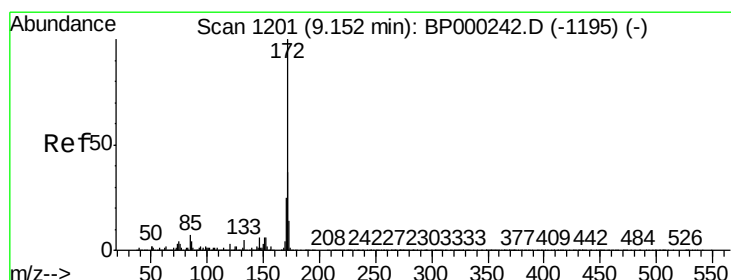
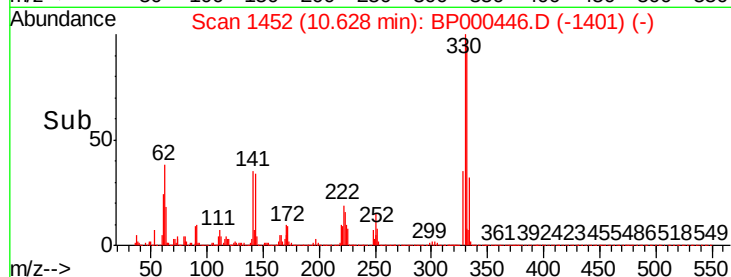
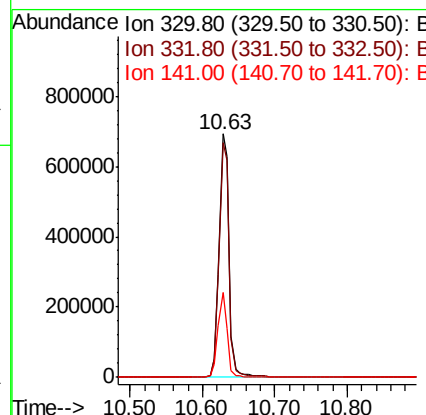
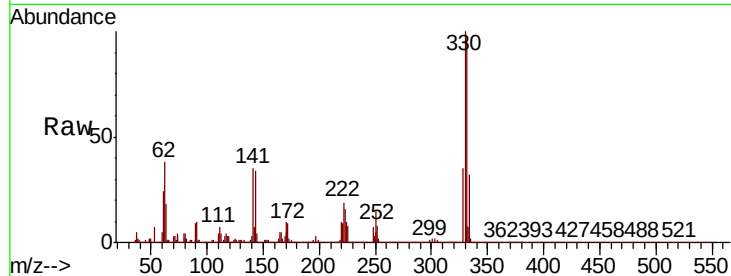




#42
 2,4,6-Tribromophenol
 Concen: 136.161 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000446.D
 Acq: 27 Sep 2019 03:50

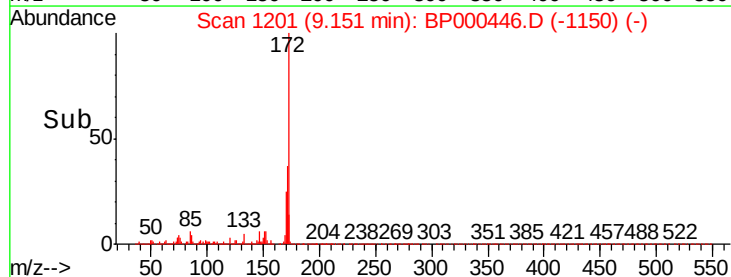
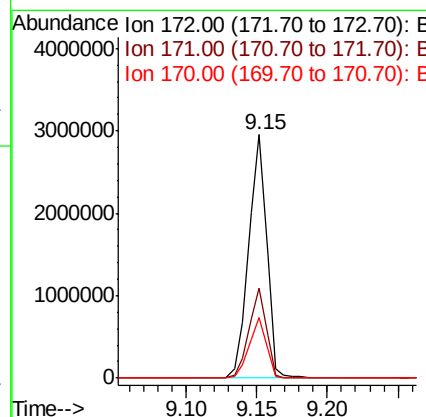
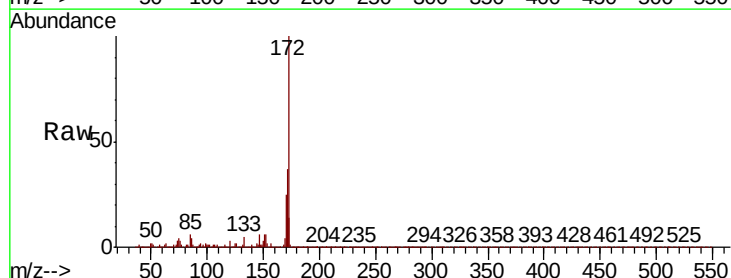
Instrument :
 BNA_P
 ClientSampled :

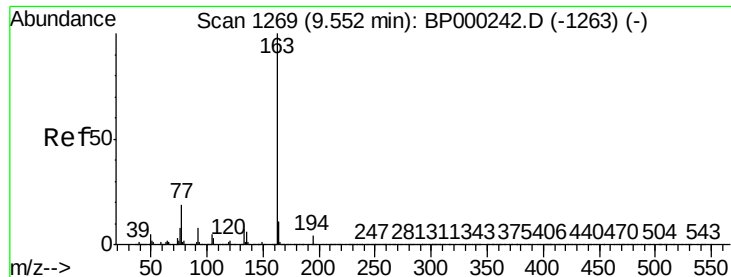
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	32.7	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 97.021 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000446.D
 Acq: 27 Sep 2019 03:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.6	19.8	29.6





#50

Dimethylphthalate

Concen: 14.518 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

Instrument :

BNA_P

ClientSampleId :

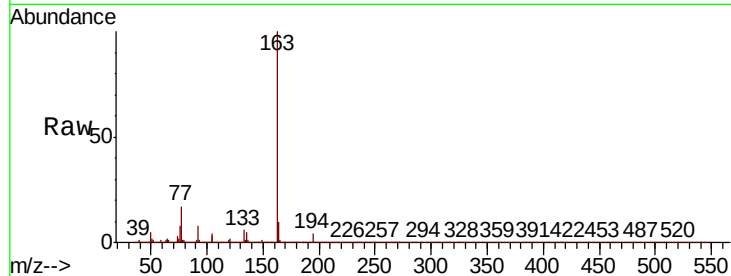
Tot Ion:163 Resp: 484921

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

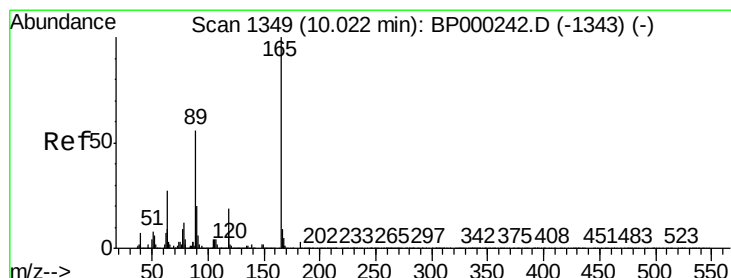
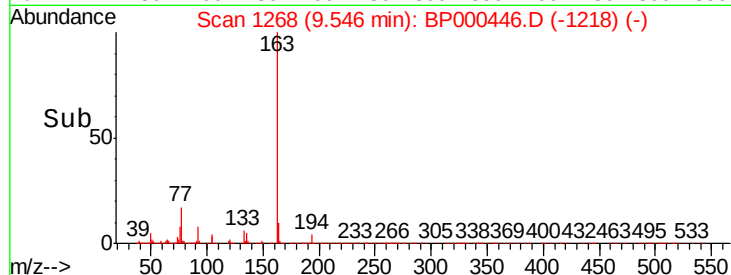
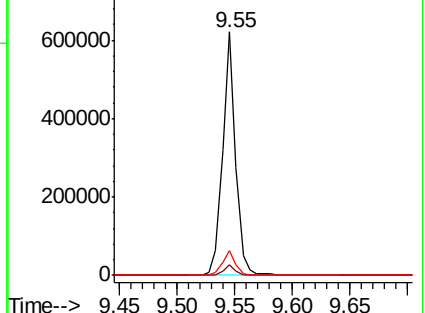
164 10.0 8.5 12.7



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: 6.691 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

Tgt Ion:165 Resp: 64243

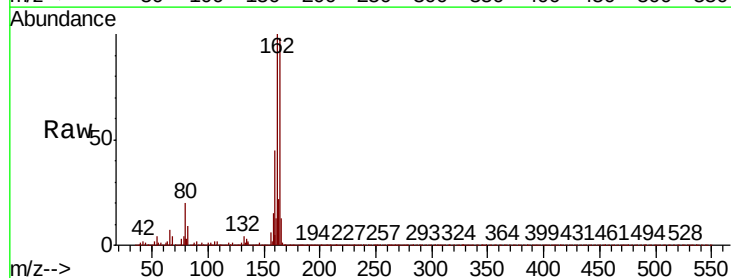
Ion Ratio Lower Upper

165 100

63 0.9 21.7 32.5#

89 1.2 45.0 67.6#

182 0.0 2.4 3.6#

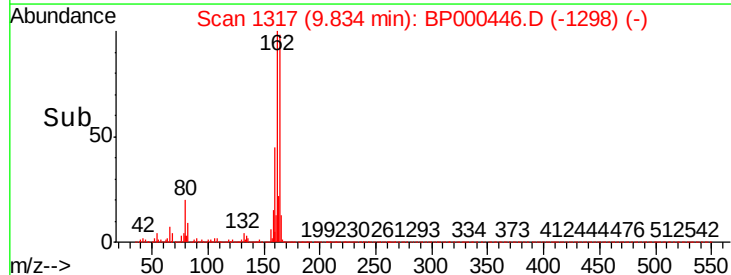
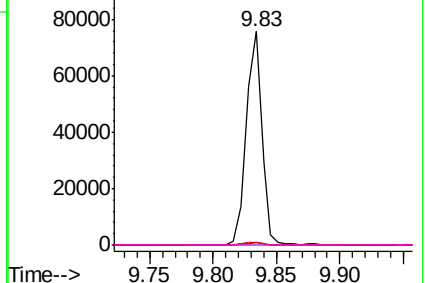


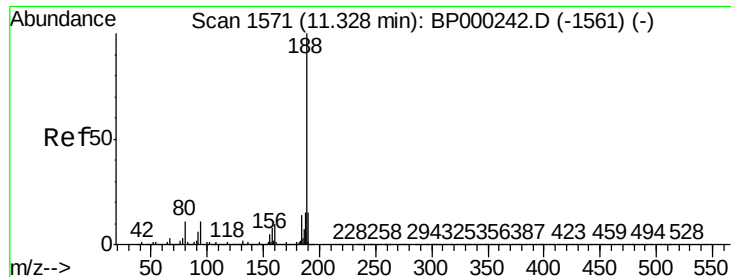
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000446.D

Acq: 27 Sep 2019 03:50

Instrument :

BNA_P

ClientSampled :

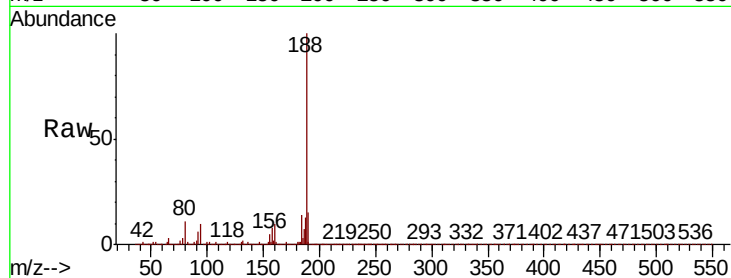
Tot Ion:188 Resp: 894599

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

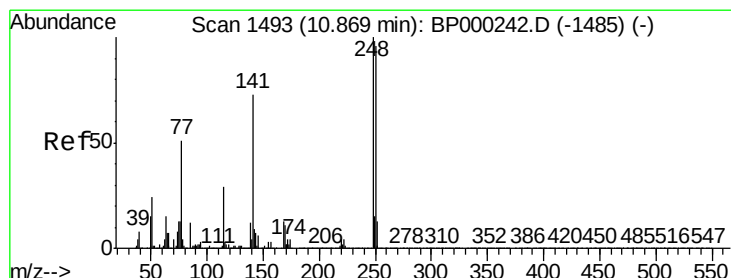
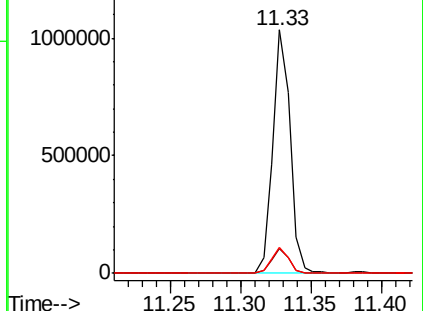
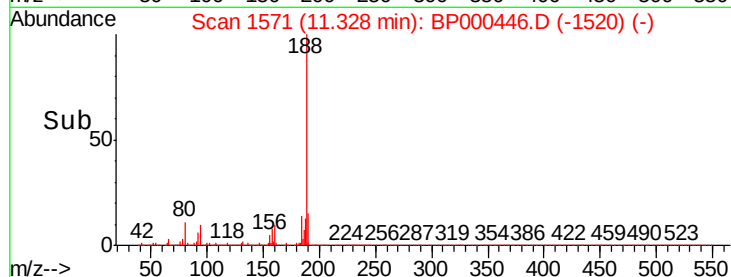
80 10.5 8.6 13.0



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: 4.591 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000446.D

Acq: 27 Sep 2019 03:50

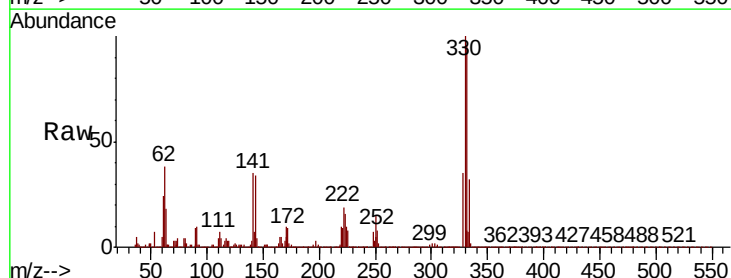
Tgt Ion:248 Resp: 46448

Ion Ratio Lower Upper

248 100

250 201.1 77.0 115.4#

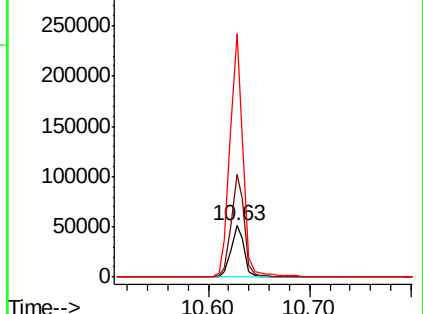
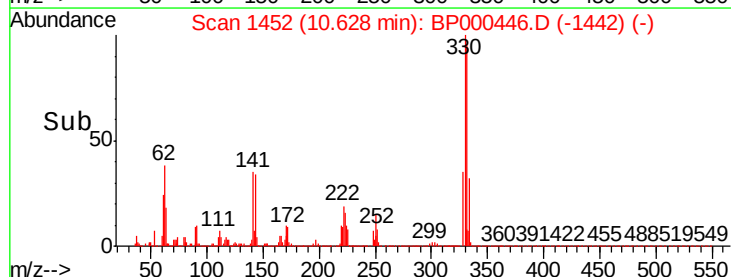
141 476.6 58.5 87.7#

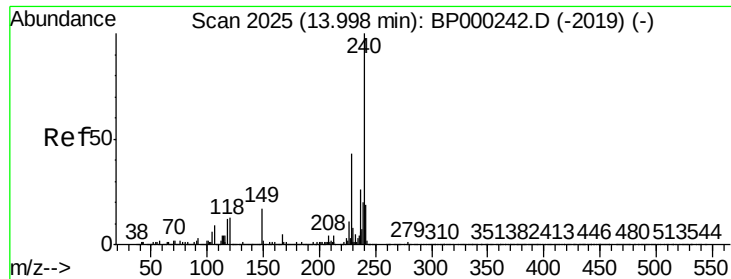


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

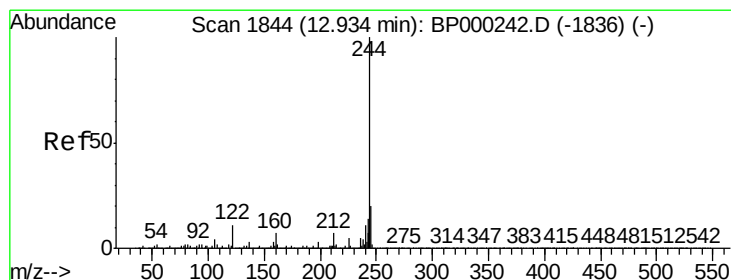
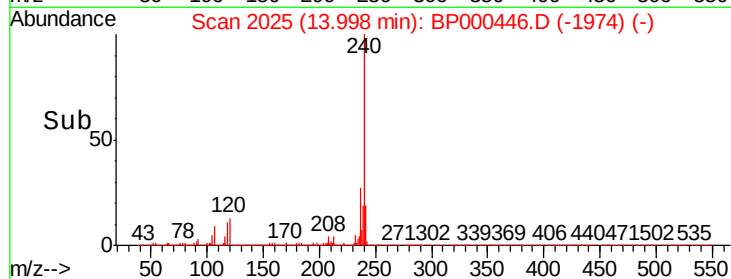
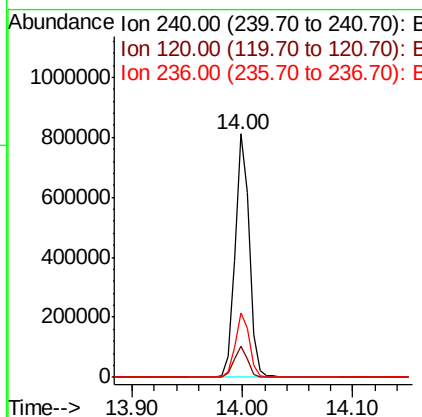
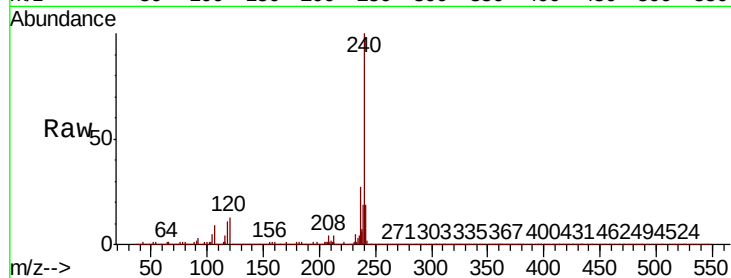




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000446.D
 Acq: 27 Sep 2019 03:50

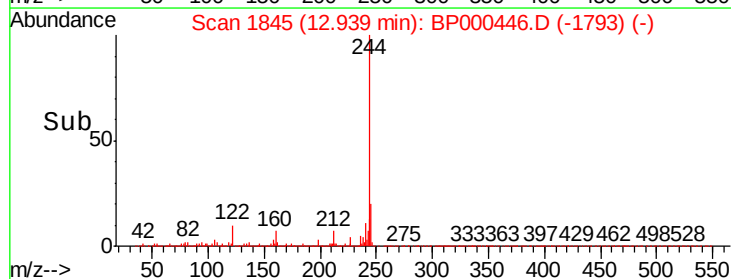
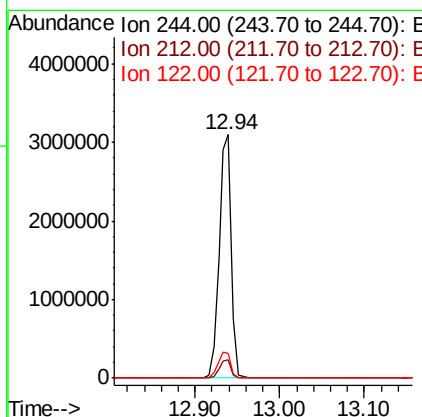
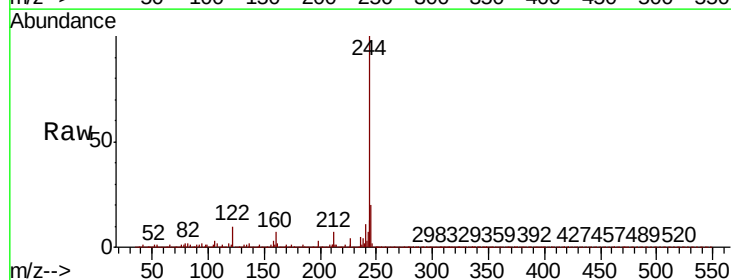
Instrument :
 BNA_P
 ClientSampleId :

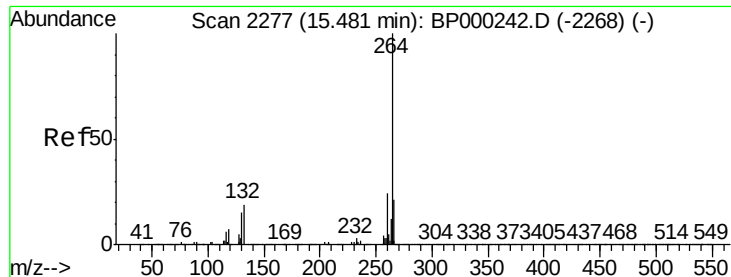
Tot Ion:240 Resp: 735506
 Ion Ratio Lower Upper
 240 100
 120 12.6 10.4 15.6
 236 26.5 21.0 31.6



#79
 Terphenyl-d14
 Concen: 89.241 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000446.D
 Acq: 27 Sep 2019 03:50

Tgt Ion:244 Resp: 3128792
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.0 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: BP000446.D
Acq: 27 Sep 2019 03:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	17.2	25.8

