

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000305.D
 Acq On : 18 Sep 2019 18:26
 Operator : HP/JU
 Sample : K4942-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 04:20:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	278055	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1015961	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	572572	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1049435	20.00	ng	0.00
76) Chrysene-d12	13.99	240	839197	20.00	ng	0.00
87) Perylene-d12	15.47	264	893997	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1557986	96.73	ng	0.01
7) Phenol-d6	6.43	99	1976768	100.12	ng	0.00
23) Nitrobenzene-d5	7.35	82	1116283	70.89	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	678126	119.41	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2308536	72.57	ng	0.00
79) Terphenyl-d14	12.93	244	2629777	65.74	ng	0.00

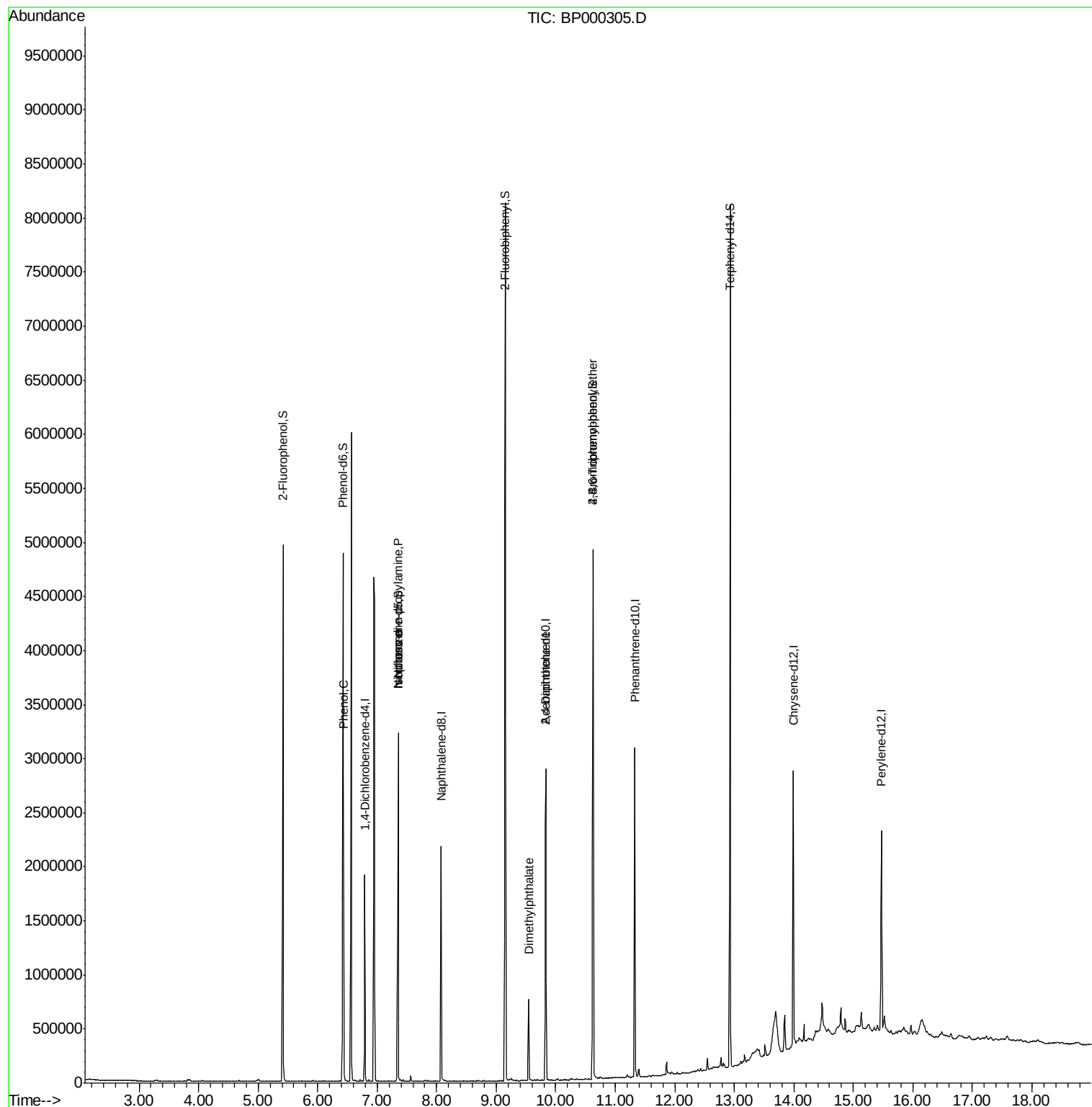
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3301	Below Cal	#	2
10) Phenol	6.44	94	57011	2.542	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	138028	13.223	ng	74
25) Isophorone	7.35	82	1115265	35.768	ng	63
50) Dimethylphthalate	9.55	163	318816	8.173	ng	98
57) 2,4-Dinitrotoluene	9.83	165	73864	6.587	ng	35
67) 4-Bromophenyl-phenylether	10.63	248	46076	3.883	ng	1
69) Atrazine	11.02	200	52	Below Cal	#	1

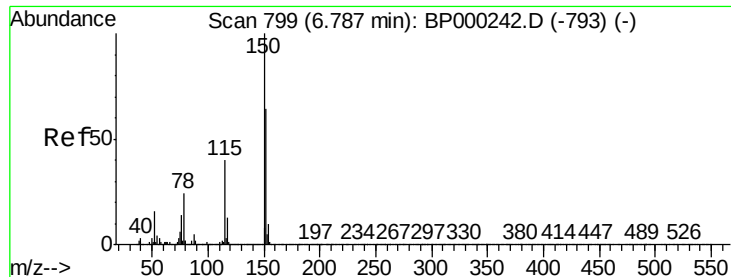
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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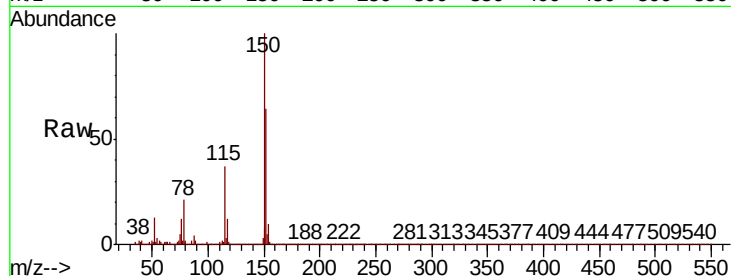


#1

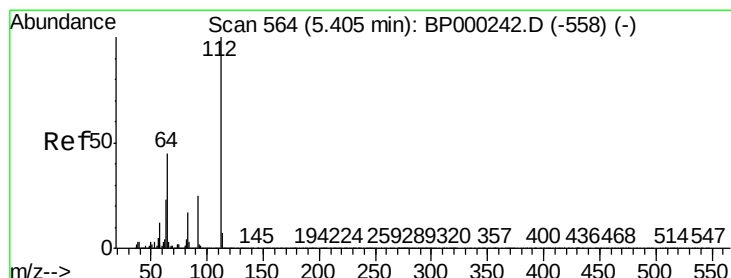
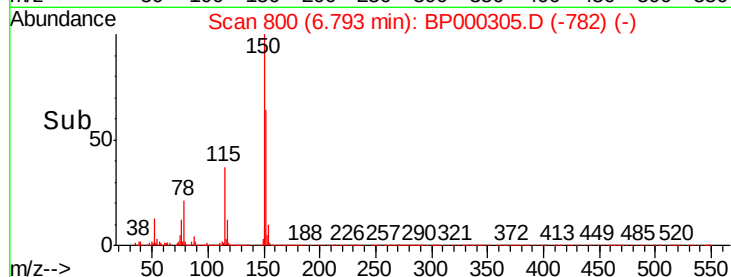
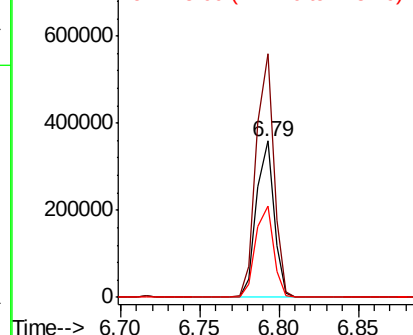
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	58.2	49.7	74.5



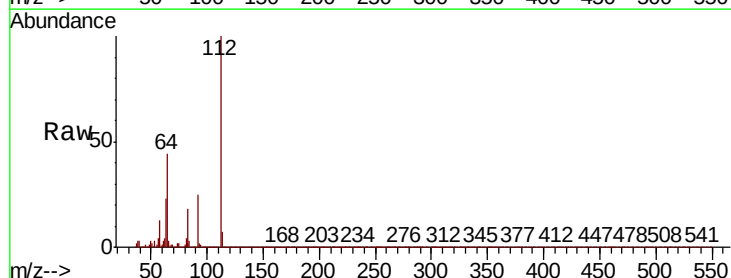
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



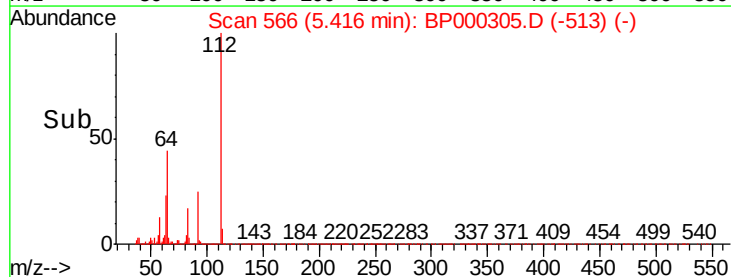
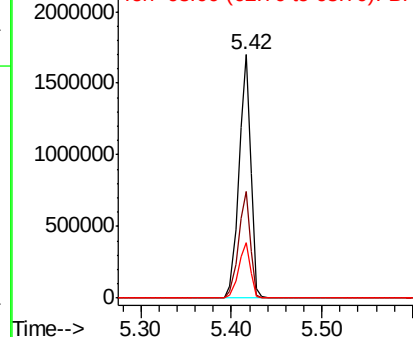
#5

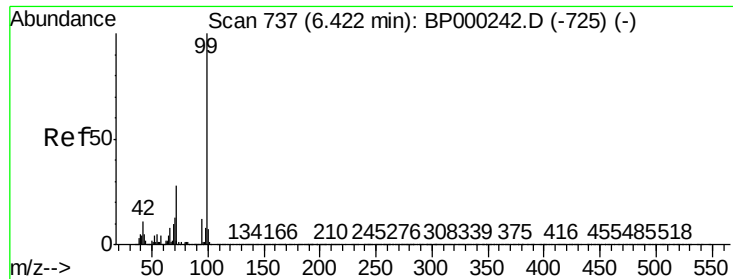
2-Fluorophenol
Concen: 96.730 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	36.2	54.4
63	22.9	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: 100.124 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

Instrument :

BNA_P

ClientSampled :

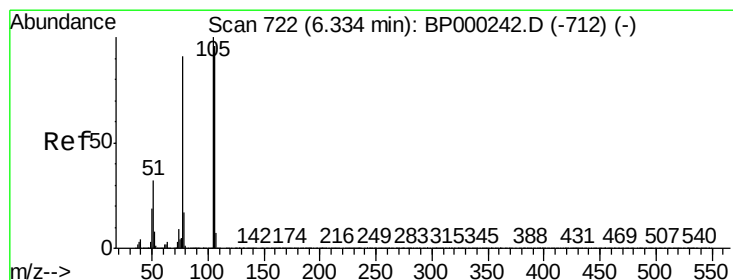
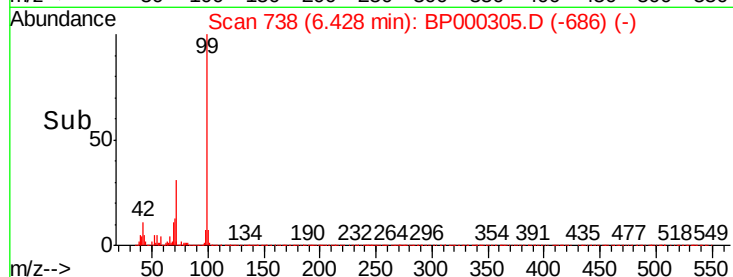
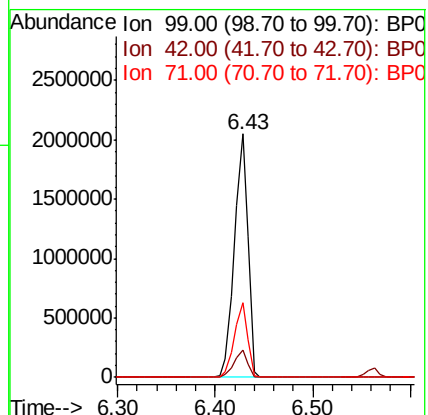
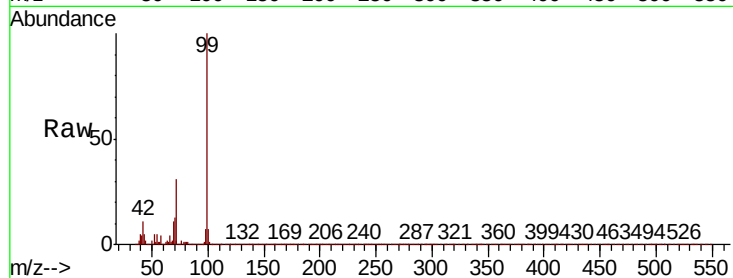
Tot Ion: 99 Resp: 1976768

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

71 30.6 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

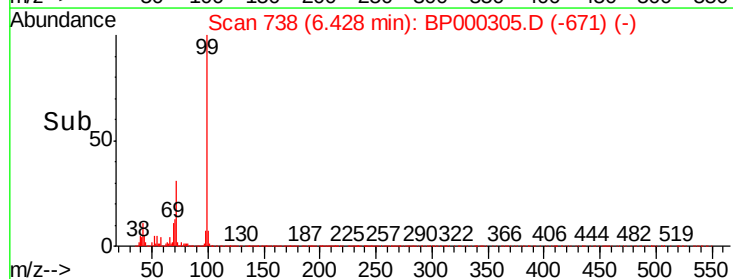
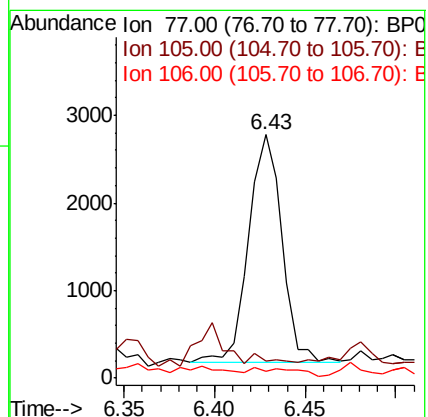
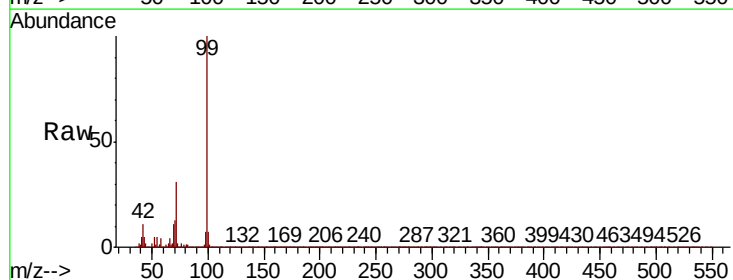
Tgt Ion: 77 Resp: 3301

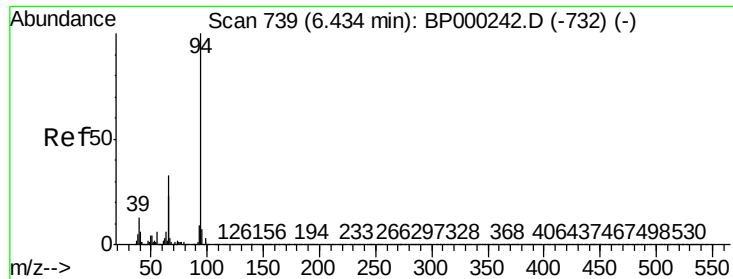
Ion Ratio Lower Upper

77 100

105 7.0 89.6 129.6#

106 2.7 84.6 124.6#





#10

Phenol

Concen: 2.542 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

Instrument :

BNA_P

ClientSampleId :

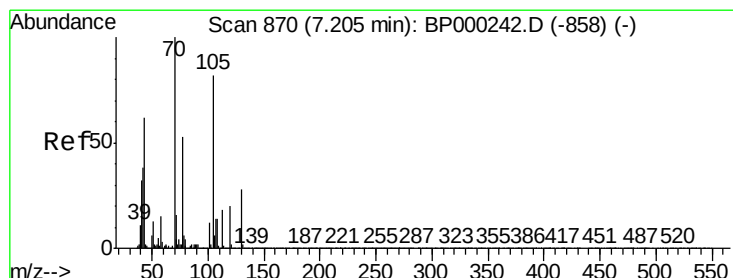
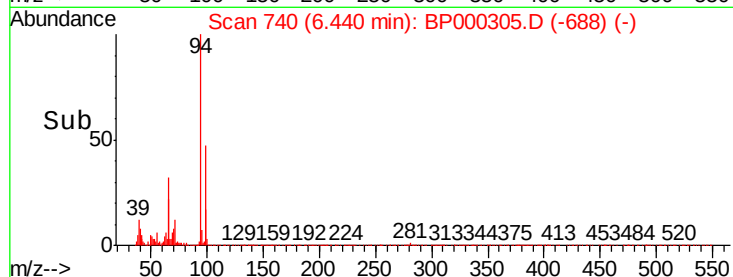
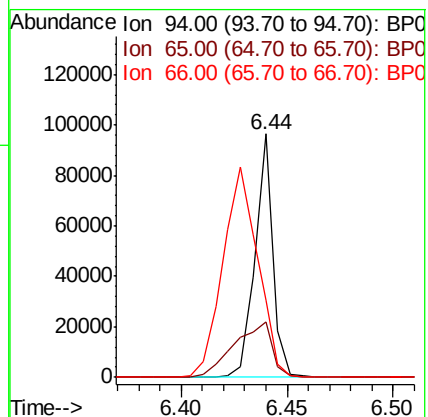
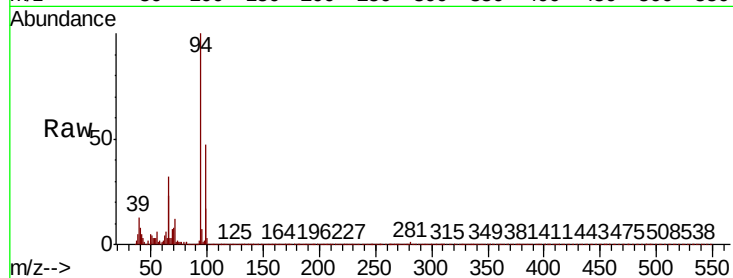
Tot Ion: 94 Resp: 57011

Ion Ratio Lower Upper

94 100

65 22.5 3.3 43.3

66 31.8 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.223 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

Tgt Ion: 70 Resp: 138028

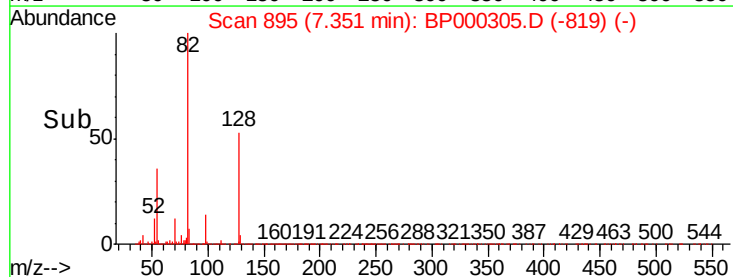
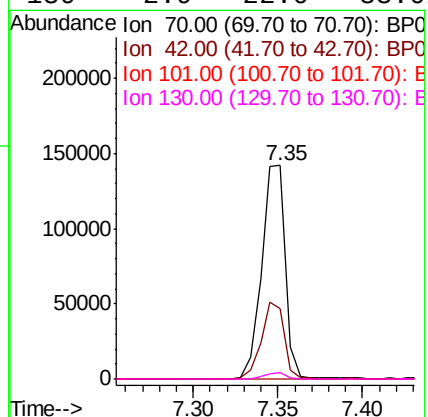
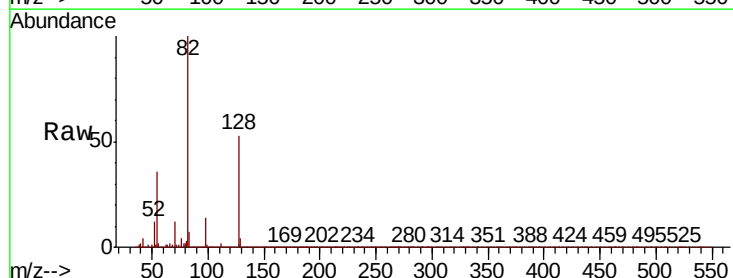
Ion Ratio Lower Upper

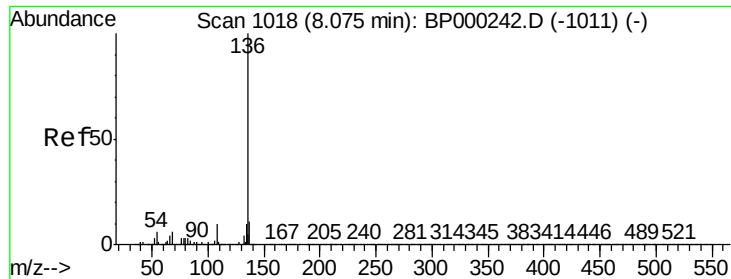
70 100

42 32.7 30.7 46.1

101 0.0 9.6 14.4#

130 2.9 22.0 33.0#

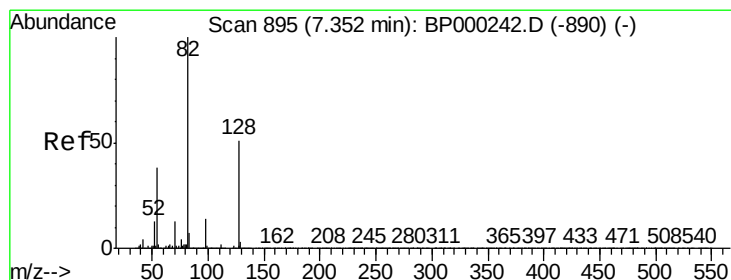
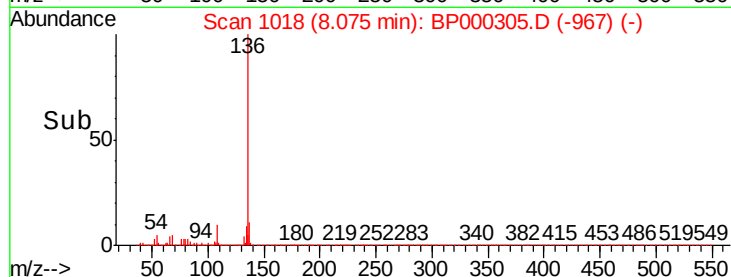
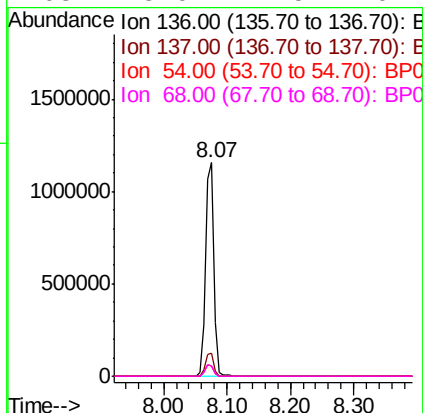
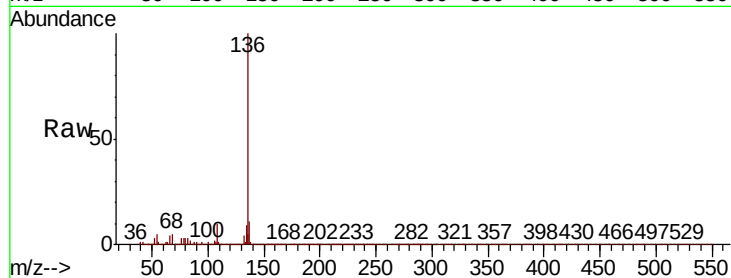




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

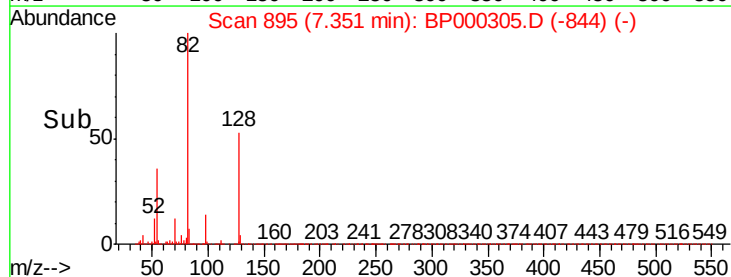
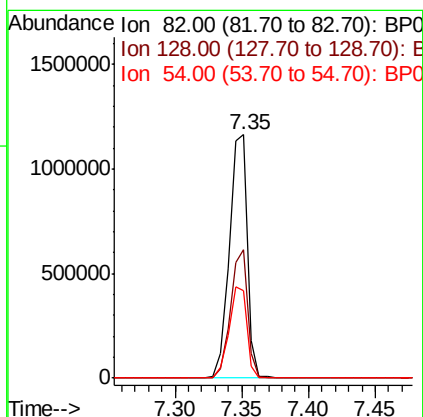
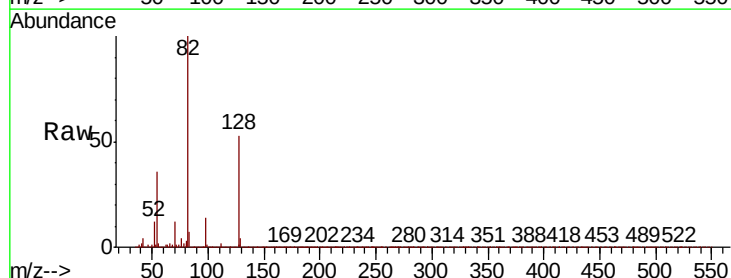
Instrument :
BNA_P
ClientSampleId :

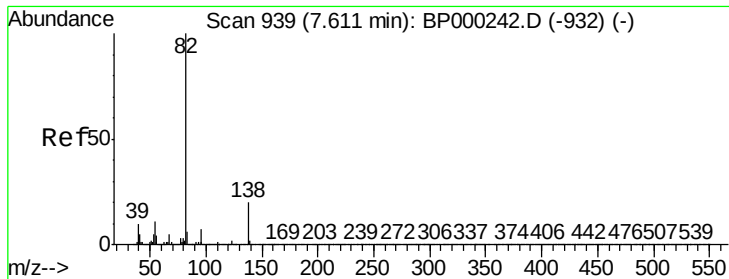
Tot Ion:136	Resp: 1015961
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 4.9	4.5 6.7
68 5.0	4.5 6.7



#23
Nitrobenzene-d5
Concen: 70.891 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

Tgt Ion: 82	Resp: 1116283
Ion Ratio	Lower Upper
82 100	
128 53.0	40.7 61.1
54 36.1	30.1 45.1





#25

Isophorone

Concen: 35.768 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

Instrument :

BNA_P

ClientSampleId :

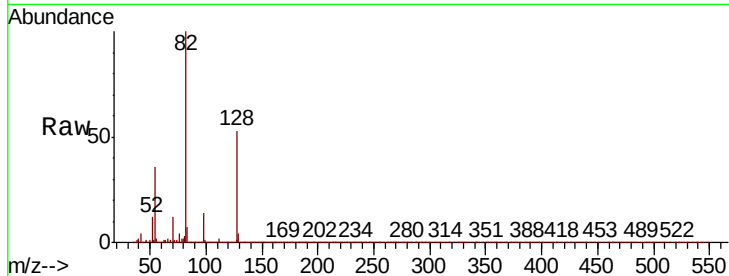
Tot Ion: 82 Resp: 1115265

Ion Ratio Lower Upper

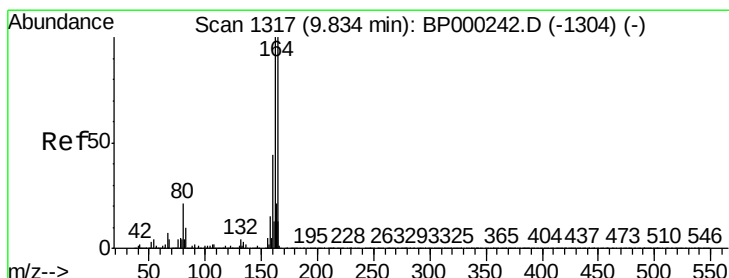
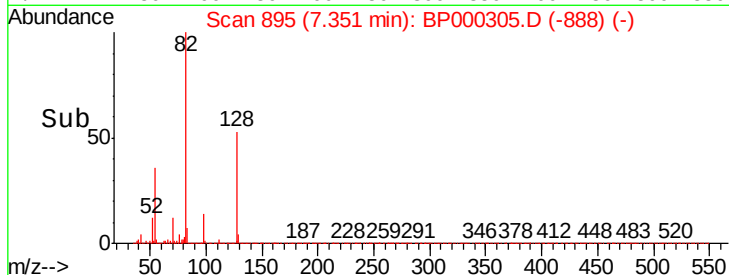
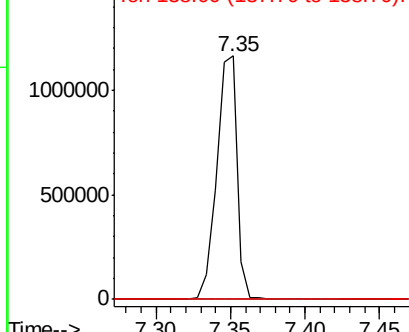
82 100

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

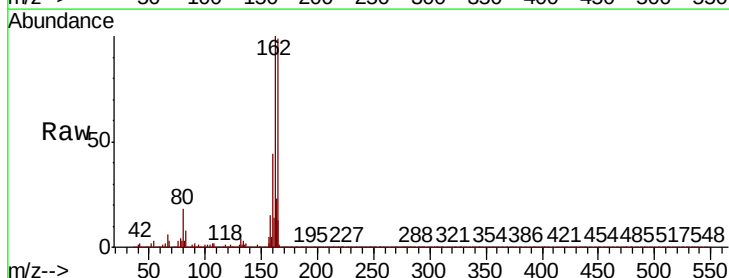
Tgt Ion:164 Resp: 572572

Ion Ratio Lower Upper

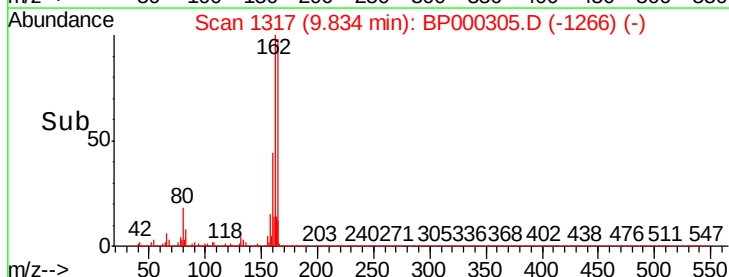
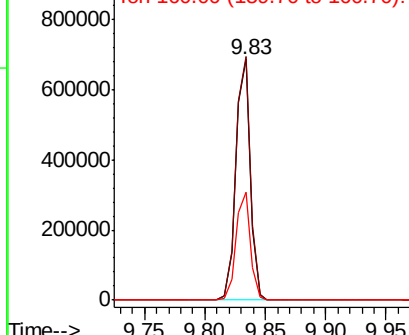
164 100

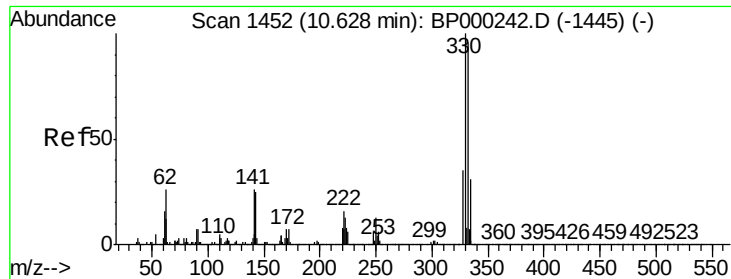
162 101.2 79.9 119.9

160 44.7 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

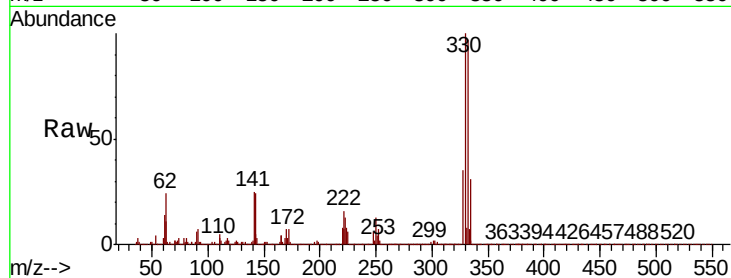




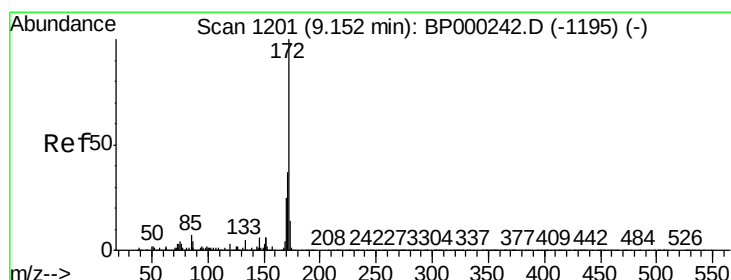
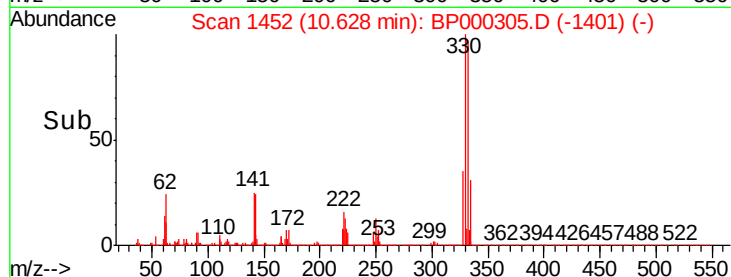
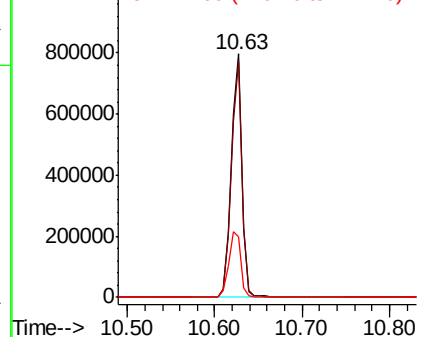
#42
2,4,6-Tribromophenol
Concen: 119.406 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 678126
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 30.4 26.5 39.7

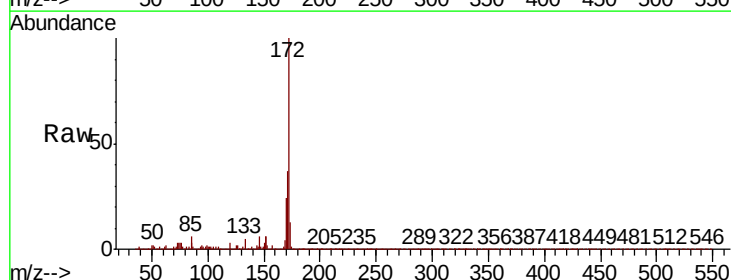


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

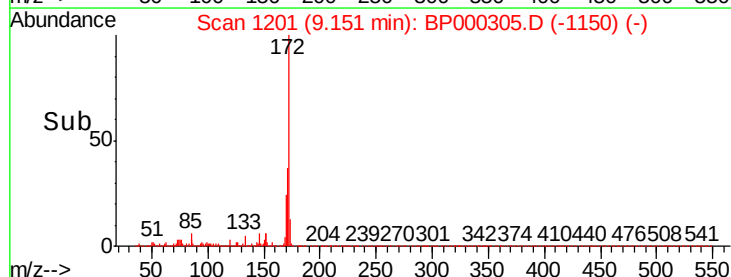
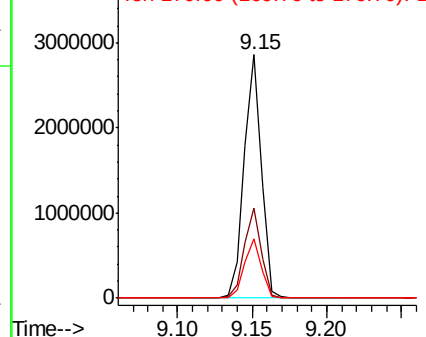


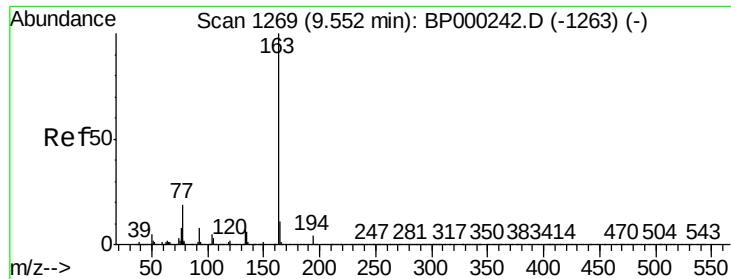
#45
2-Fluorobiphenyl
Concen: 72.566 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

Tgt Ion:172 Resp: 2308536
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.2 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: 8.173 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

Instrument :

BNA_P

ClientSampleId :

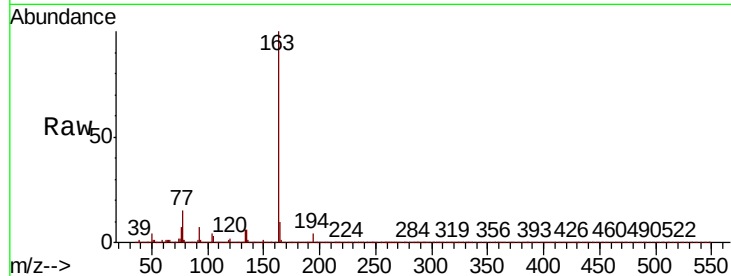
Tot Ion:163 Resp: 318816

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

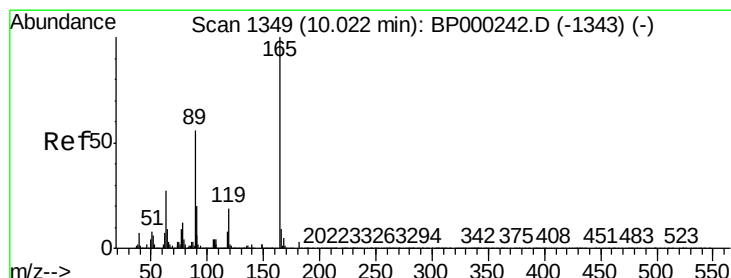
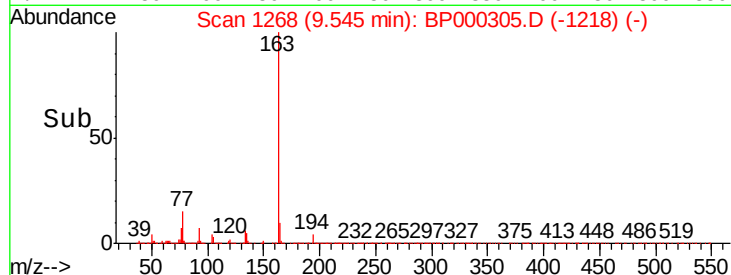
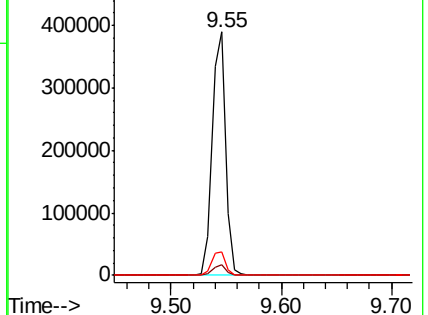
164 9.8 8.5 12.7



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: 6.587 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

Tgt Ion:165 Resp: 73864

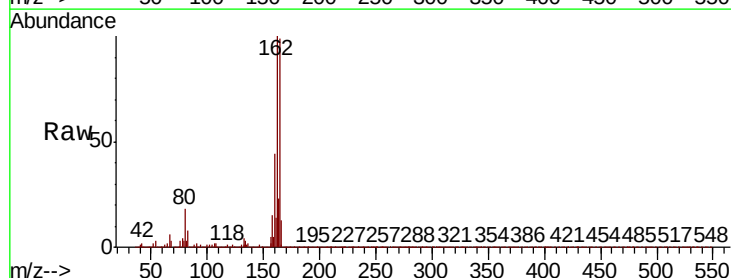
Ion Ratio Lower Upper

165 100

63 0.9 21.7 32.5#

89 1.2 45.0 67.6#

182 0.1 2.4 3.6#

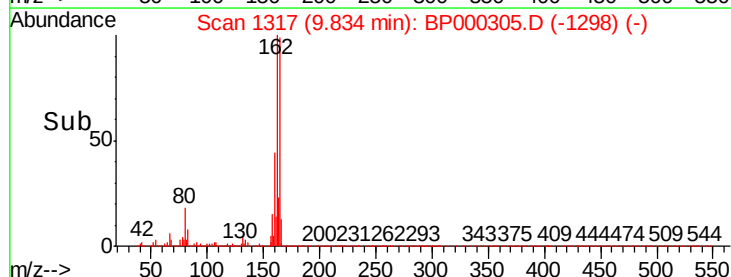
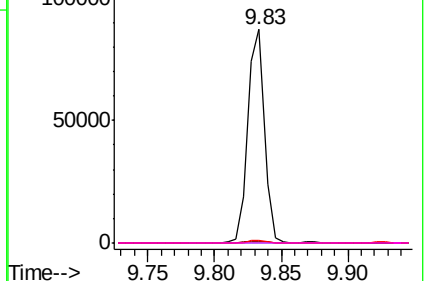


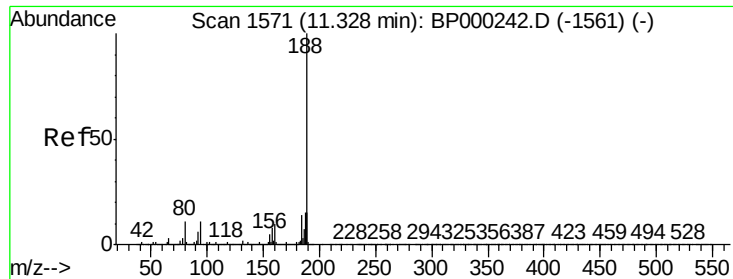
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000305.D

Acq: 18 Sep 2019 18:26

Instrument :

BNA_P

ClientSampleId :

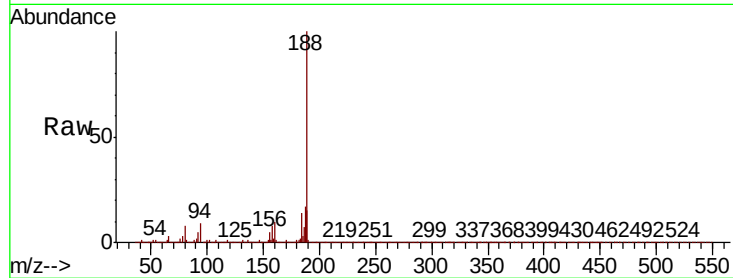
Tot Ion:188 Resp: 1049435

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

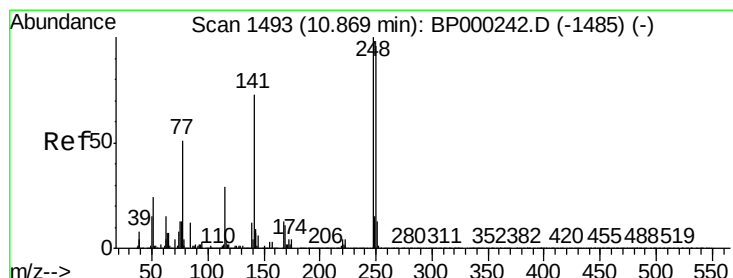
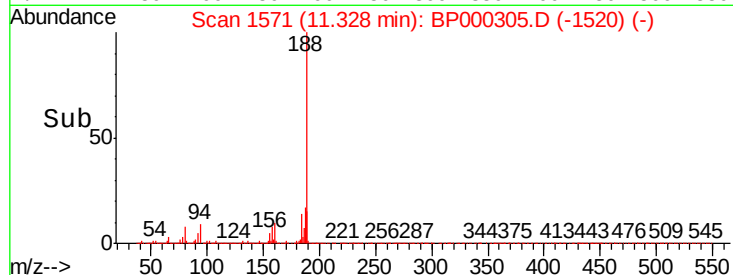
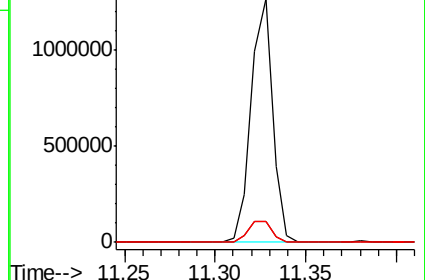
80 8.5 8.6 13.0#



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: 3.883 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000305.D

Acq: 18 Sep 2019 18:26

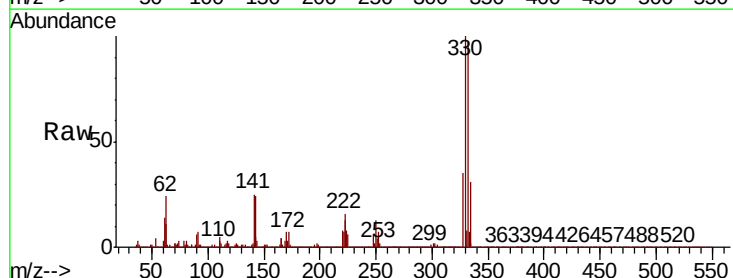
Tgt Ion:248 Resp: 46076

Ion Ratio Lower Upper

248 100

250 199.3 77.0 115.4#

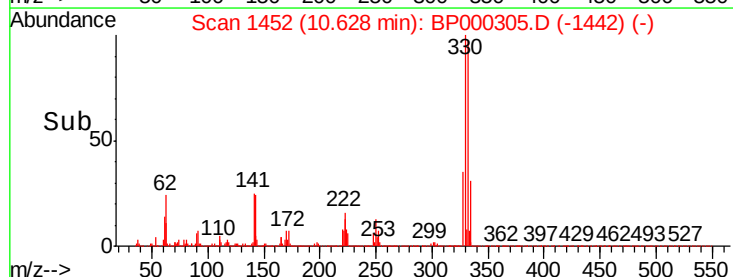
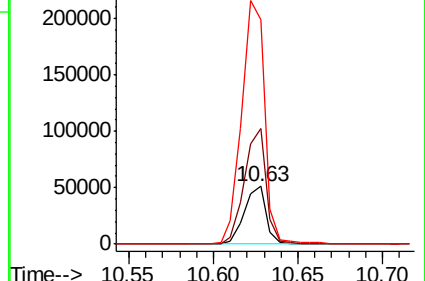
141 387.7 58.5 87.7#

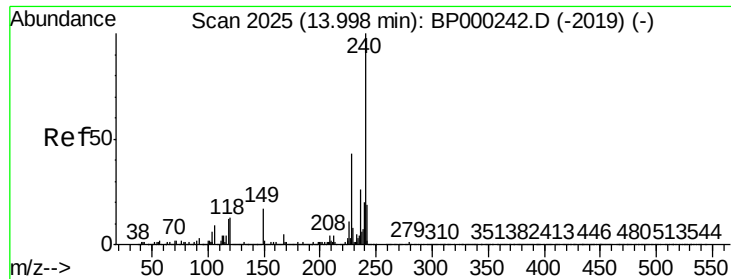


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

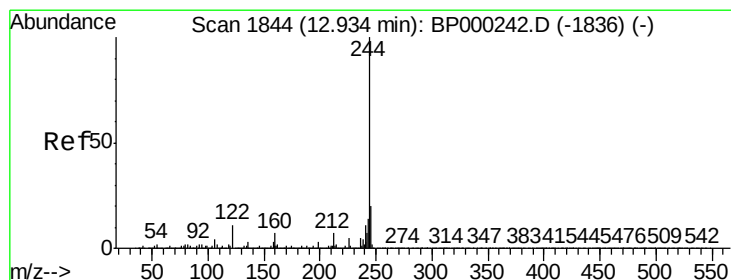
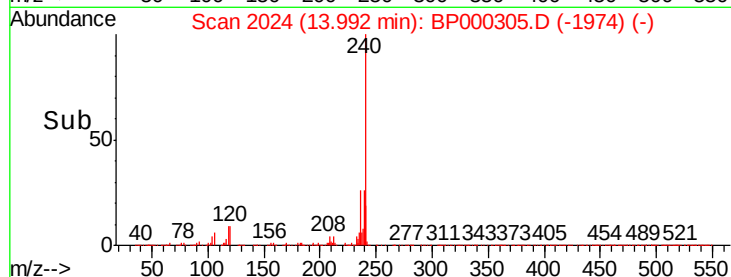
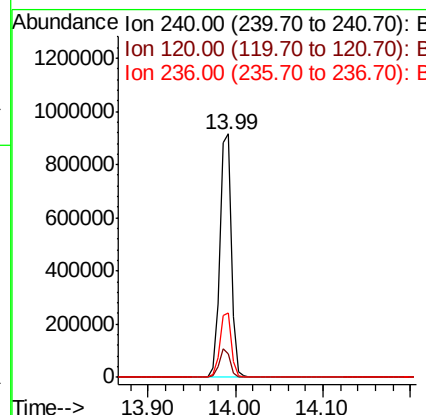
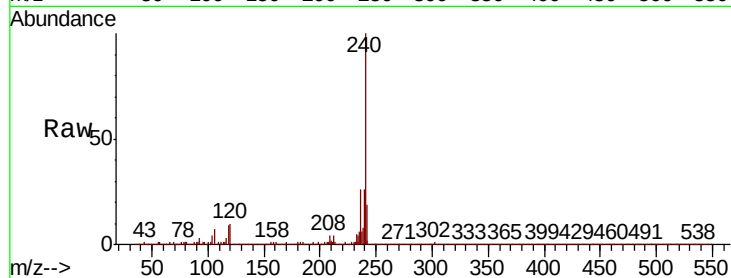




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

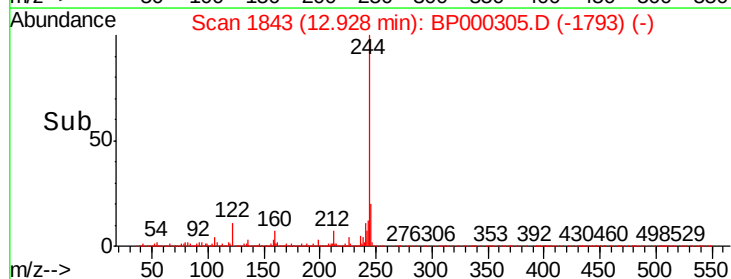
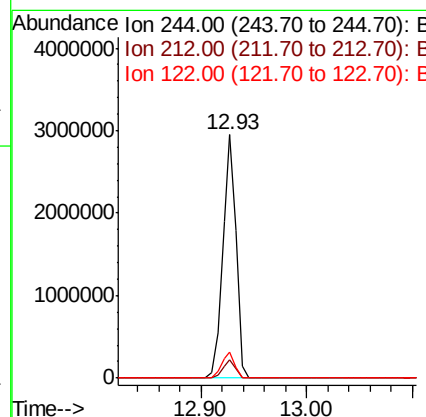
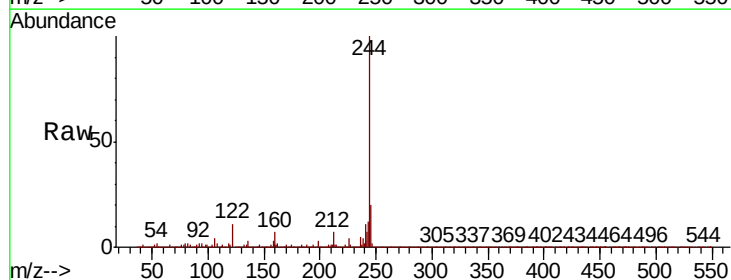
Instrument :
BNA_P
ClientSampleId :

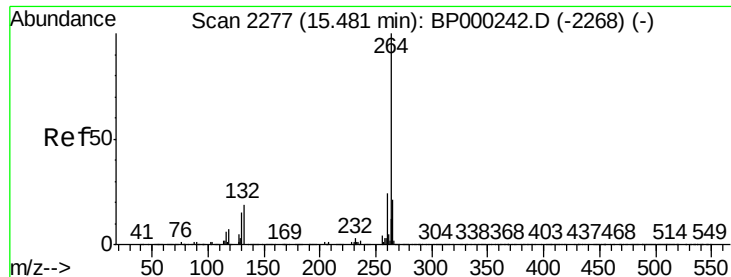
Tot Ion:240 Resp: 839197
Ion Ratio Lower Upper
240 100
120 9.6 10.4 15.6#
236 26.3 21.0 31.6



#79
Terphenyl-d14
Concen: 65.740 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

Tgt Ion:244 Resp: 2629777
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.8 9.0 13.4

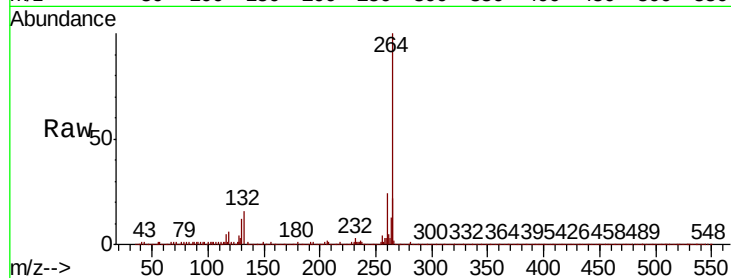




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000305.D
Acq: 18 Sep 2019 18:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

