

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000302.D
 Acq On : 18 Sep 2019 17:13
 Operator : HP/JU
 Sample : K4942-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 03:19:37 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	289332	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1053671	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	579028	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1046678	20.00	ng	0.00
76) Chrysene-d12	13.99	240	854088	20.00	ng	-0.01
87) Perylene-d12	15.47	264	908089	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1473048	87.89	ng	0.01
7) Phenol-d6	6.43	99	1875918	91.31	ng	0.00
23) Nitrobenzene-d5	7.35	82	1055872	64.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	615552	107.18	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2230900	69.34	ng	0.00
79) Terphenyl-d14	12.93	244	2493227	61.24	ng	0.00

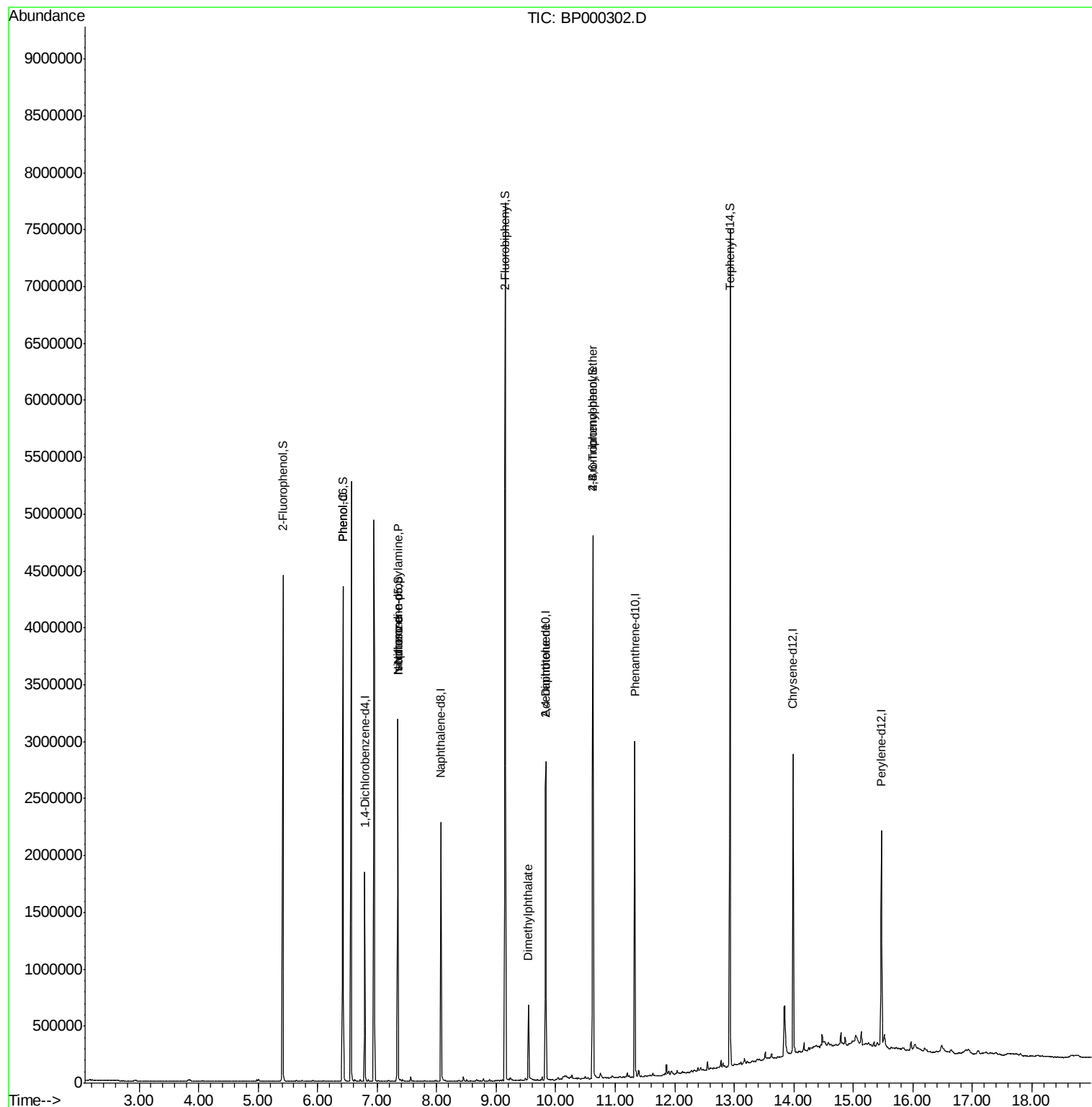
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	32340	Below Cal		84
10) Phenol	6.43	94	59202	2.536 ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	129603	11.932 ng	#	75
25) Isophorone	7.35	82	1055513	32.640 ng	#	63
50) Dimethylphthalate	9.55	163	290339	7.360 ng		98
57) 2,4-Dinitrotoluene	9.83	165	75556	6.663 ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	41272	3.487 ng	#	1
69) Atrazine	11.02	200	344	Below Cal		81

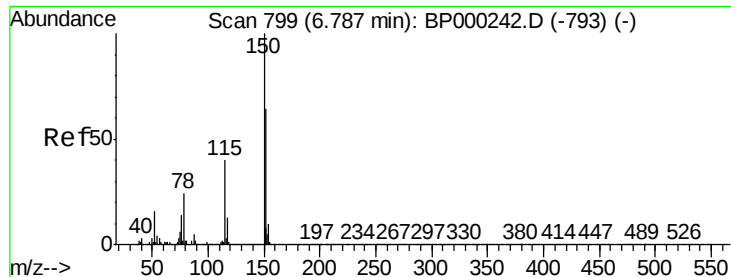
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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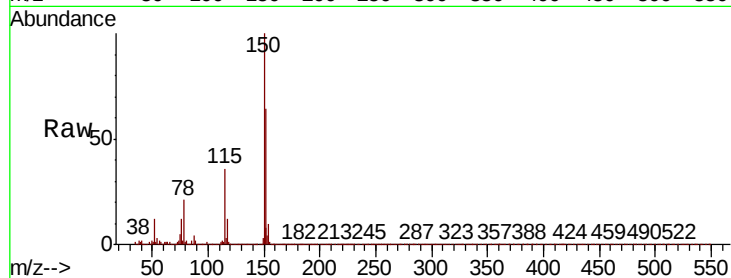


#1

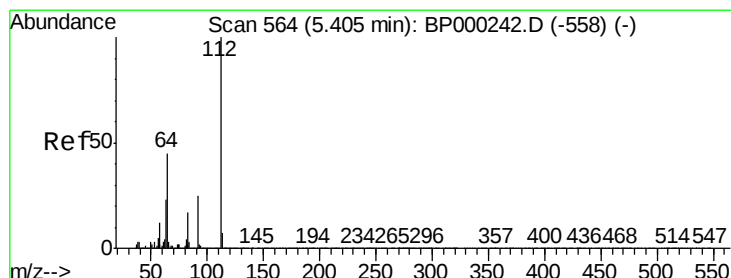
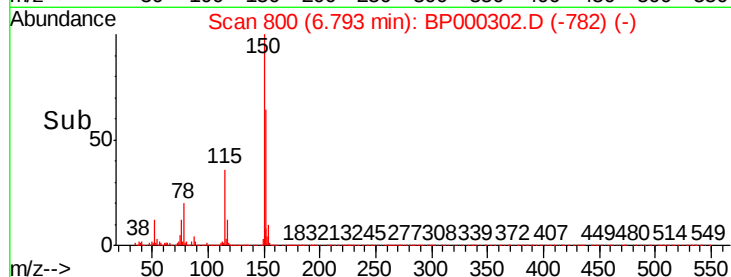
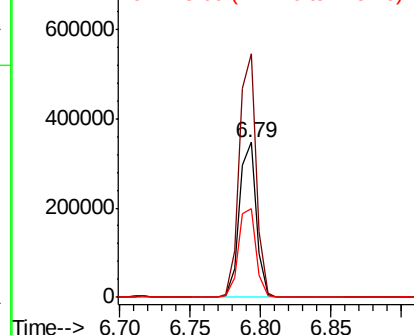
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000302.D
Acq: 18 Sep 2019 17:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 289332
Ion Ratio Lower Upper
152 100
150 156.9 125.2 187.8
115 56.8 49.7 74.5



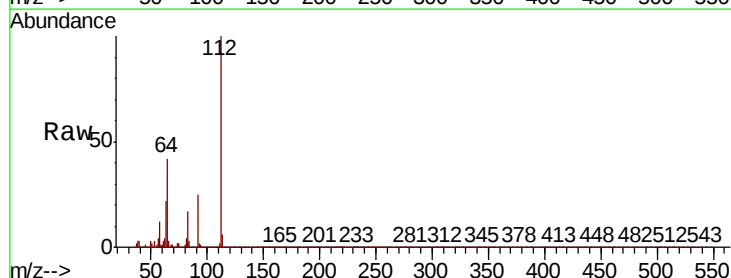
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



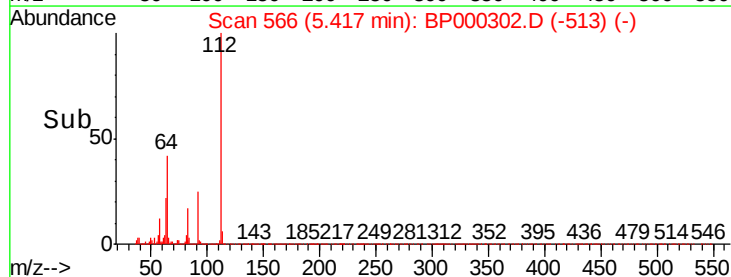
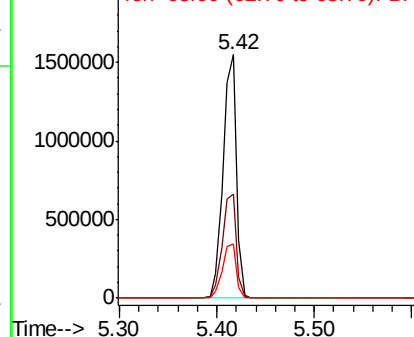
#5

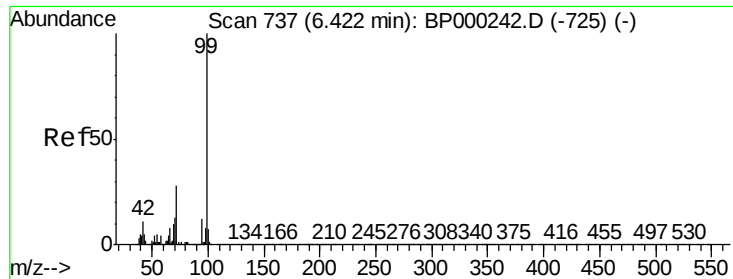
2-Fluorophenol
Concen: 87.892 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000302.D
Acq: 18 Sep 2019 17:13

Tgt Ion:112 Resp: 1473048
Ion Ratio Lower Upper
112 100
64 42.5 36.2 54.4
63 22.0 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: 91.313 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

Instrument :

BNA_P

ClientSampled :

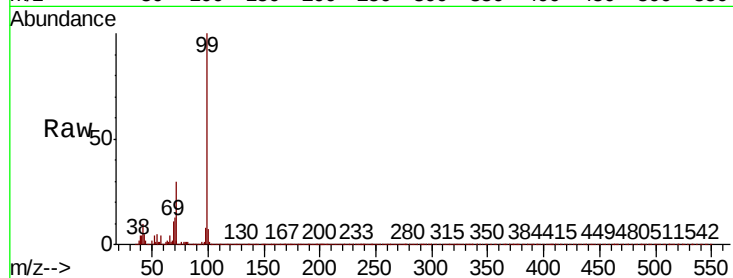
Tot Ion: 99 Resp: 1875918

Ion Ratio Lower Upper

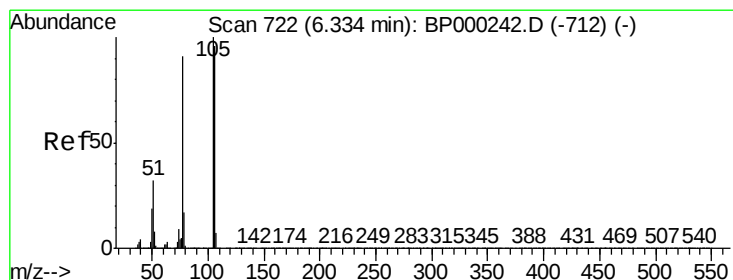
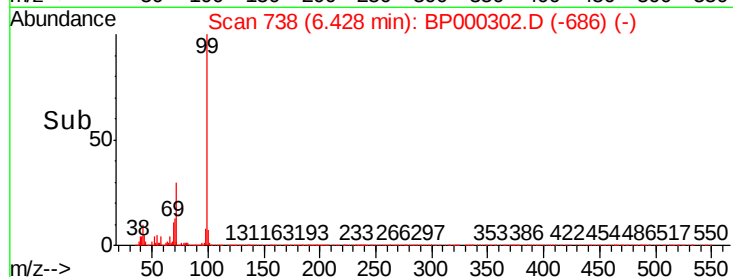
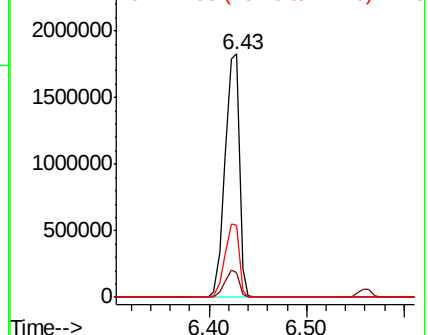
99 100

42 10.4 8.5 12.7

71 29.7 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.56 min Scan# 761

Delta R.T. 0.23 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

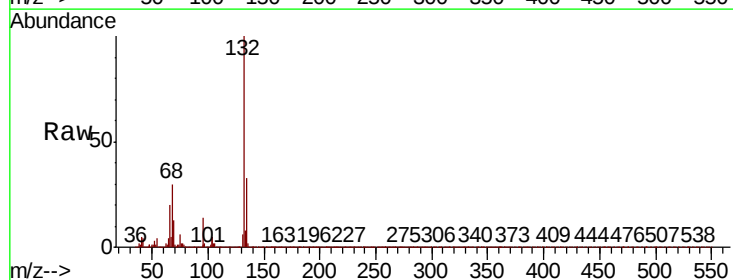
Tgt Ion: 77 Resp: 32340

Ion Ratio Lower Upper

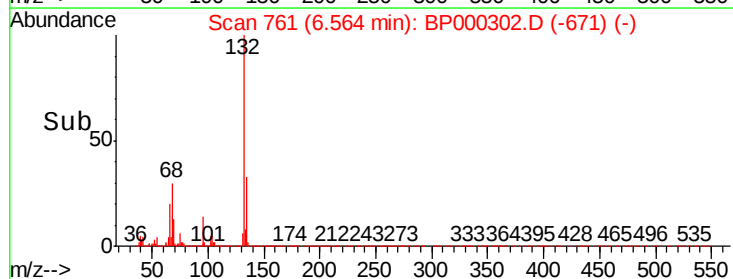
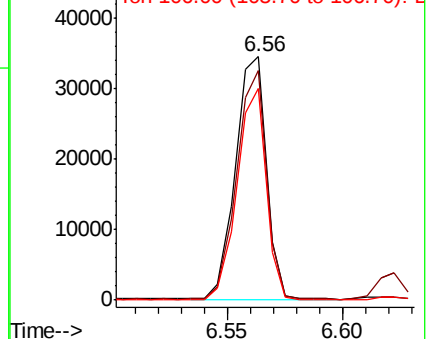
77 100

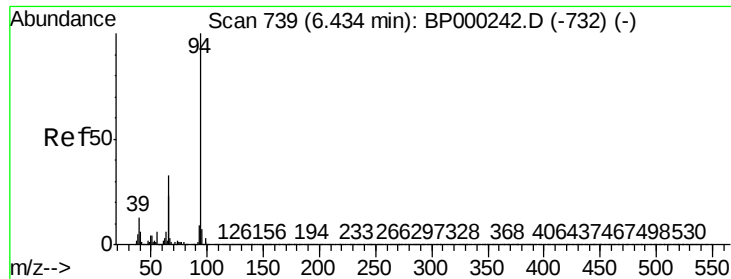
105 94.3 89.6 129.6

106 87.1 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.536 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

Instrument :

BNA_P

ClientSampleId :

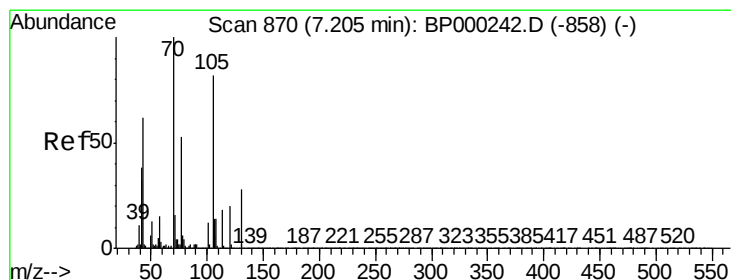
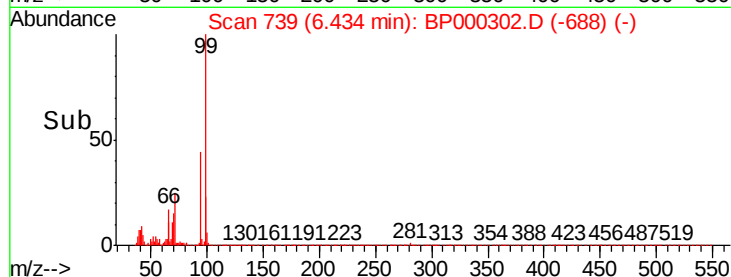
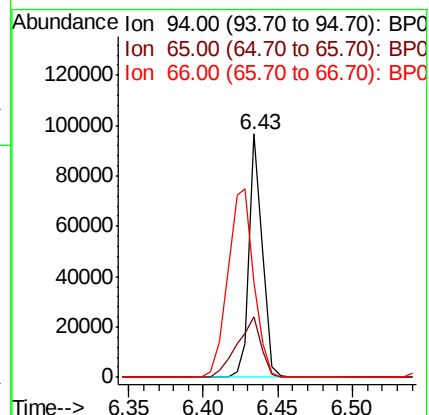
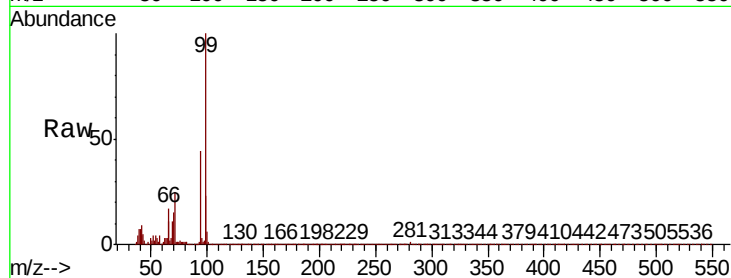
Tot Ion: 94 Resp: 59202

Ion Ratio Lower Upper

94 100

65 24.9 3.3 43.3

66 38.9 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.932 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

Tgt Ion: 70 Resp: 129603

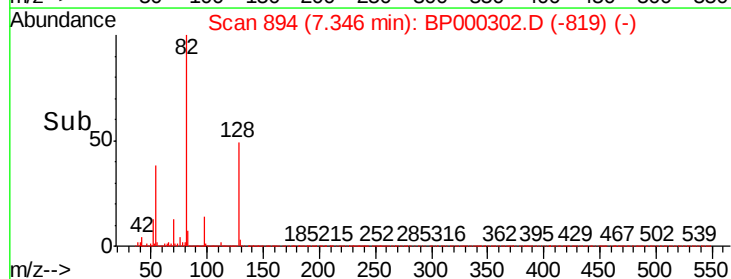
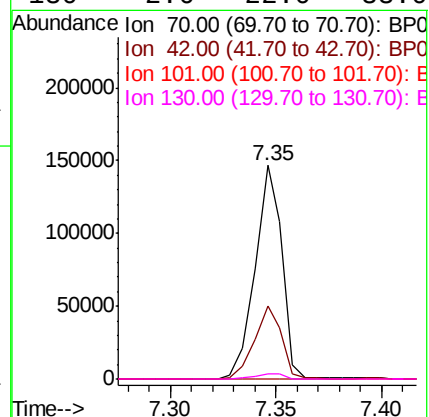
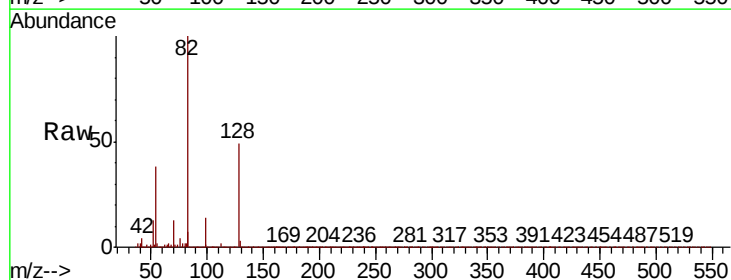
Ion Ratio Lower Upper

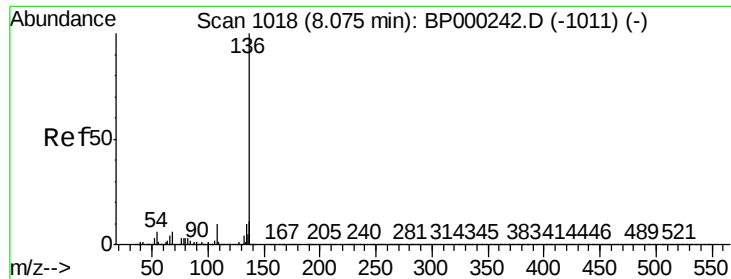
70 100

42 34.3 30.7 46.1

101 0.1 9.6 14.4#

130 2.6 22.0 33.0#

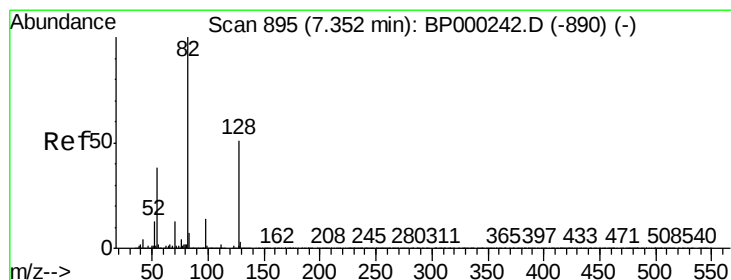
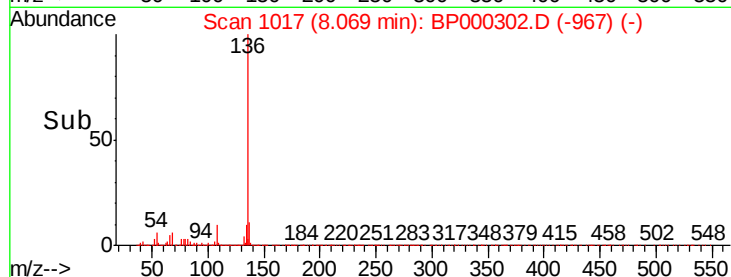
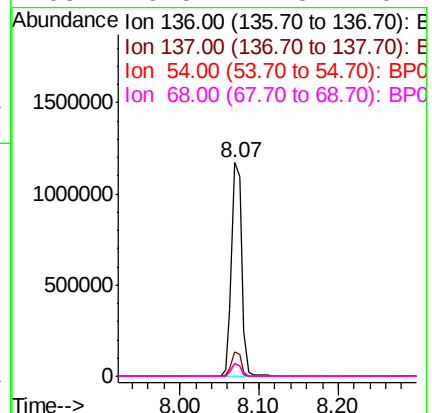
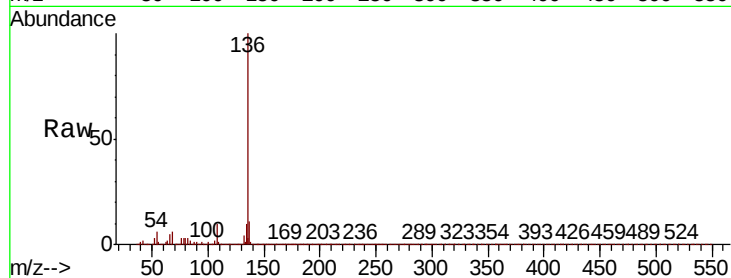




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000302.D
Acq: 18 Sep 2019 17:13

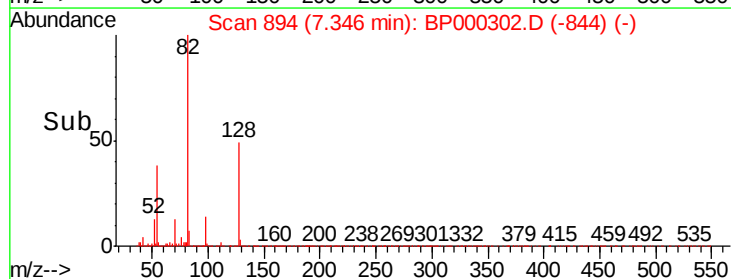
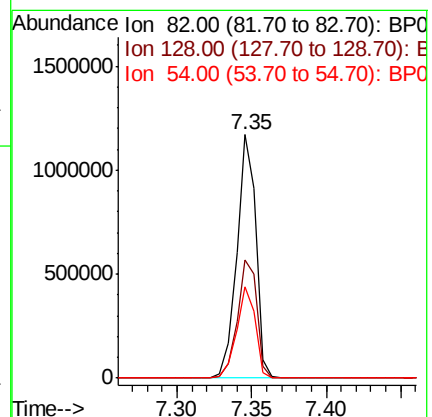
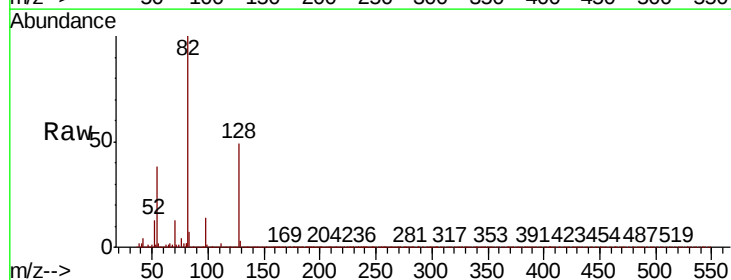
Instrument :
BNA_P
ClientSampleId :

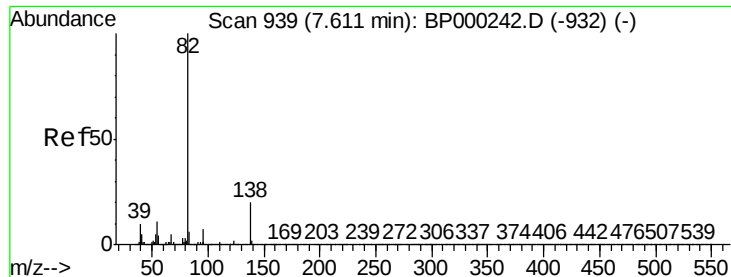
Tot Ion:136	Resp: 1053671
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 13.0
54 5.9	4.5 6.7
68 5.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 64.654 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000302.D
Acq: 18 Sep 2019 17:13

Tgt	Ion: 82	Resp: 1055872	
Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.7	61.1
54	37.6	30.1	45.1





#25

Isophorone

Concen: 32.640 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

Instrument :

BNA_P

ClientSampleId :

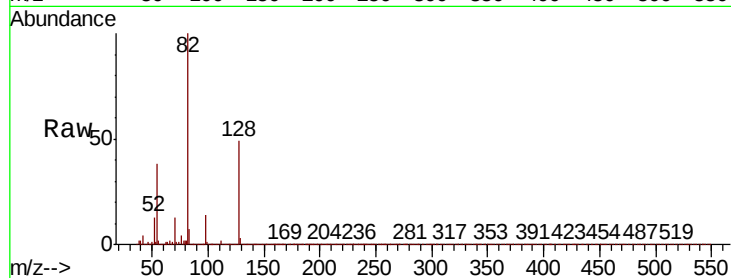
Tot Ion: 82 Resp: 1055513

Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

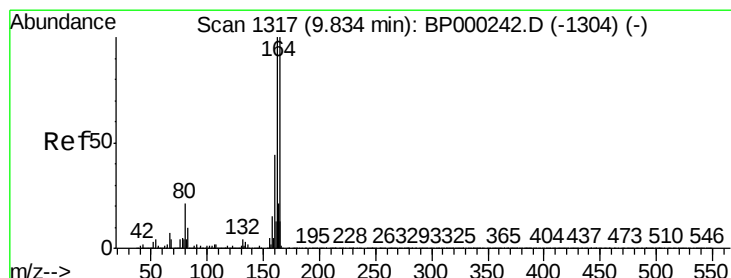
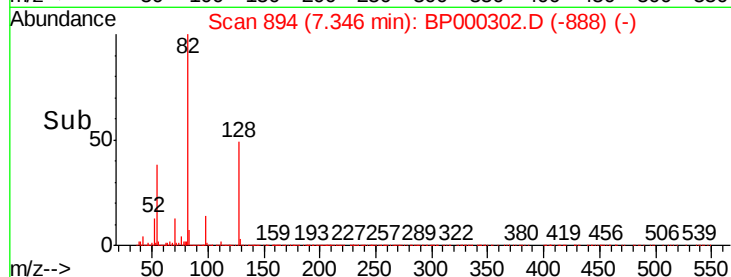
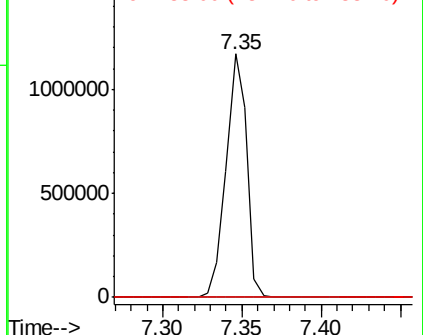
138 0.0 15.9 23.9#



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: BP000302.D

Acq: 18 Sep 2019 17:13

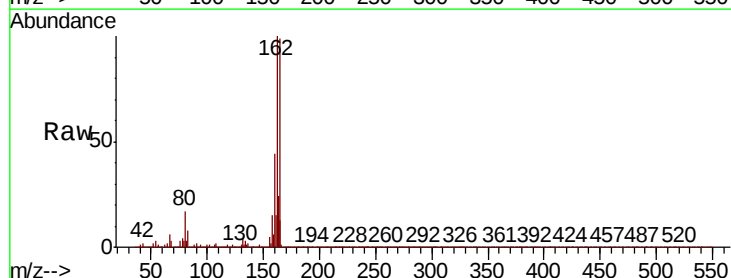
Tgt Ion:164 Resp: 579028

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

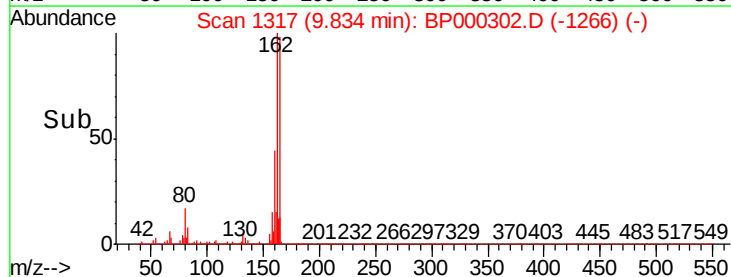
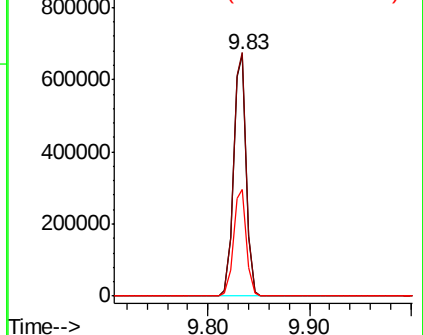
160 44.4 35.6 53.4

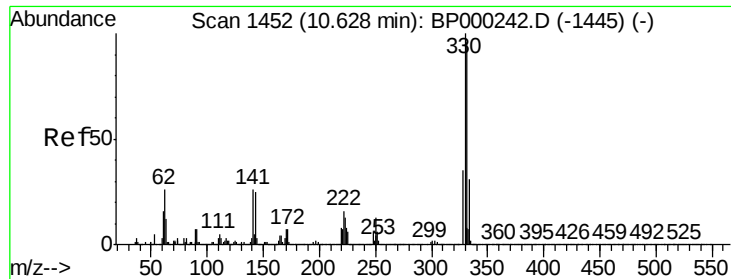


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

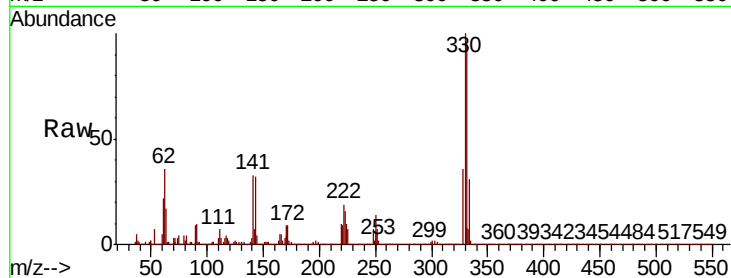




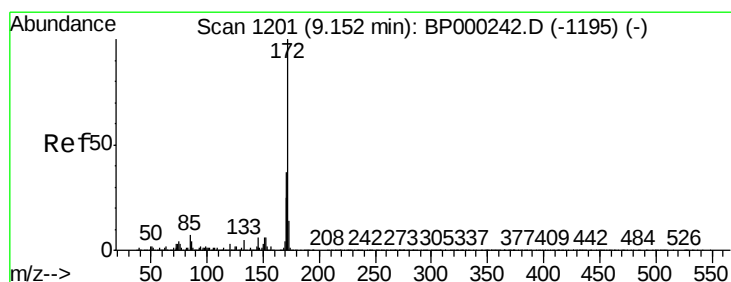
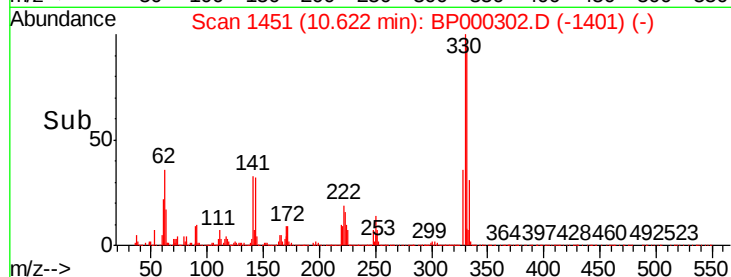
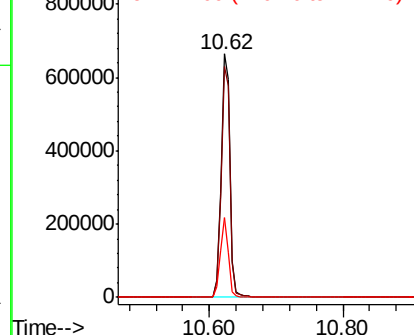
#42
2,4,6-Tribromophenol
Concen: 107.180 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000302.D
Acq: 18 Sep 2019 17:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 615552
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 30.2 26.5 39.7

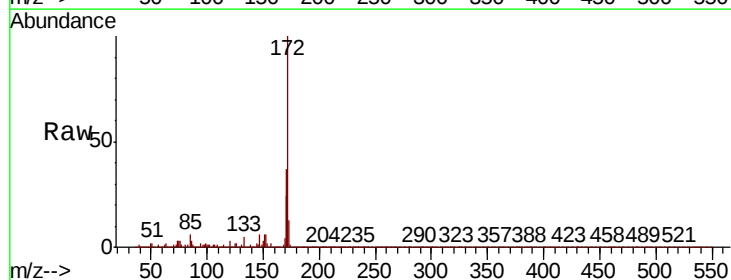


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

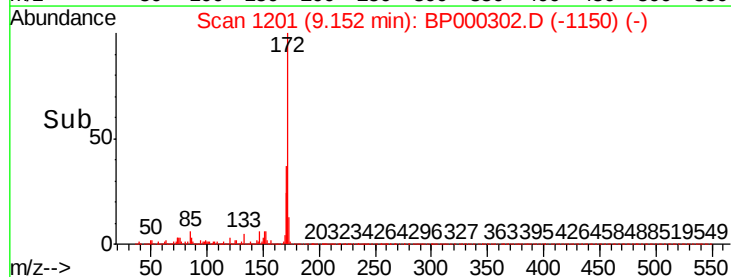
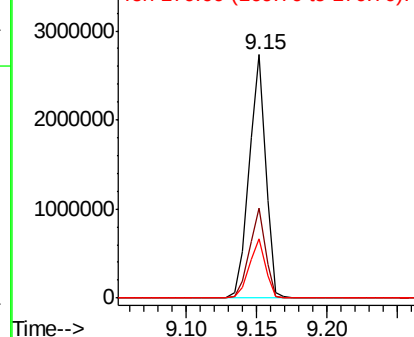


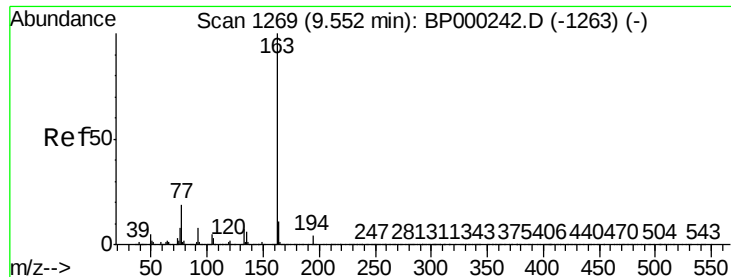
#45
2-Fluorobiphenyl
Concen: 69.344 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000302.D
Acq: 18 Sep 2019 17:13

Tgt Ion:172 Resp: 2230900
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.5 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: 7.360 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

Instrument :

BNA_P

ClientSampled :

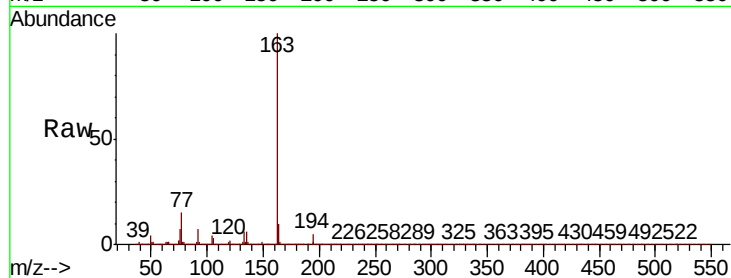
Tot Ion:163 Resp: 290339

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

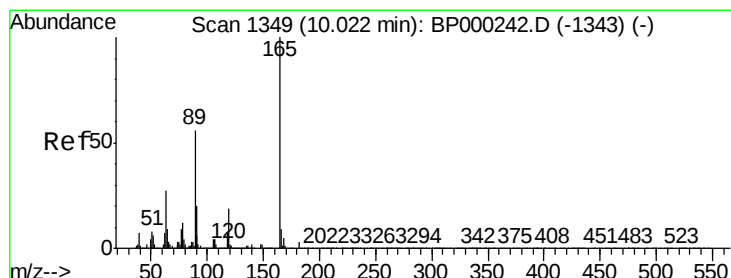
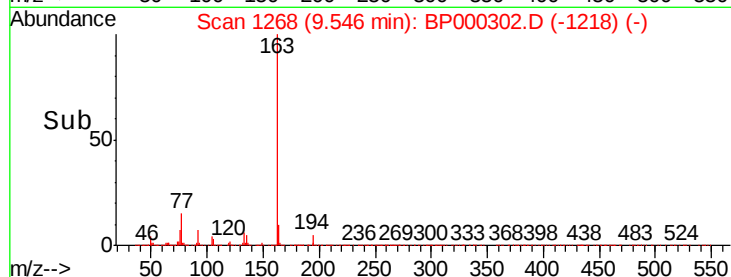
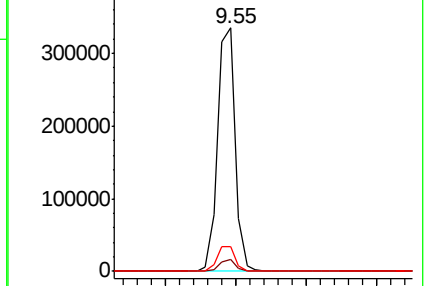
164 9.9 8.5 12.7



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: 6.663 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

Tgt Ion:165 Resp: 75556

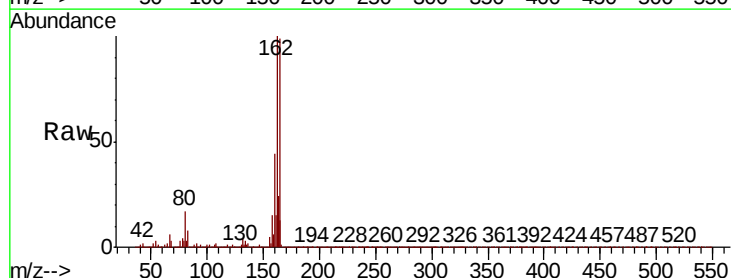
Ion Ratio Lower Upper

165 100

63 0.9 21.7 32.5#

89 1.2 45.0 67.6#

182 0.1 2.4 3.6#

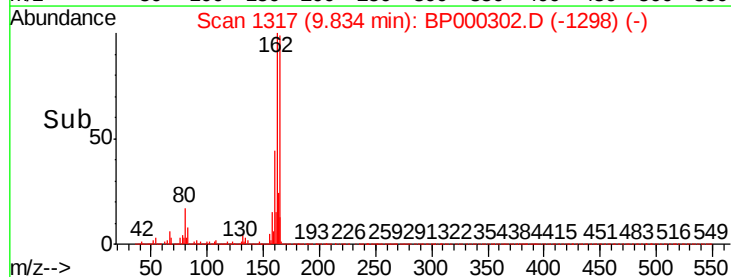
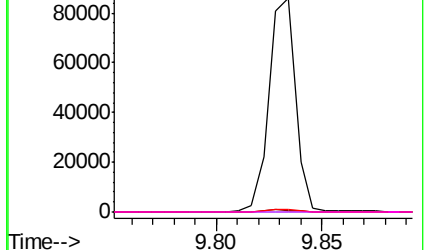


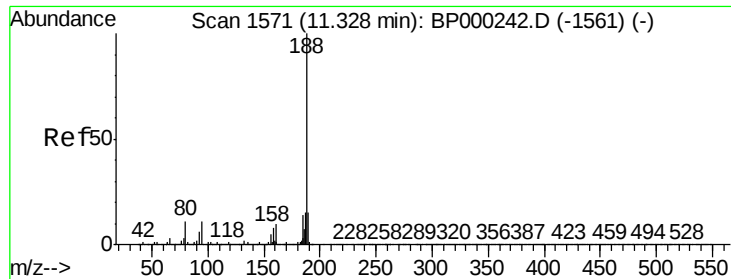
Abundance Ion 165.00 (164.70 to 165.70): E

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: BP000302.D

Acq: 18 Sep 2019 17:13

Instrument :

BNA_P

ClientSampleId :

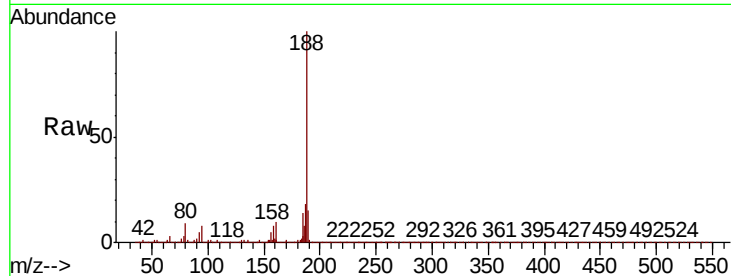
Tot Ion:188 Resp: 1046678

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

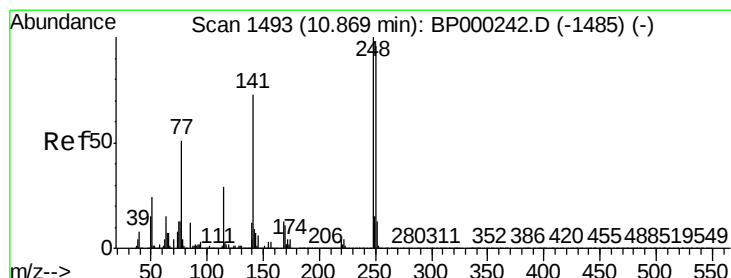
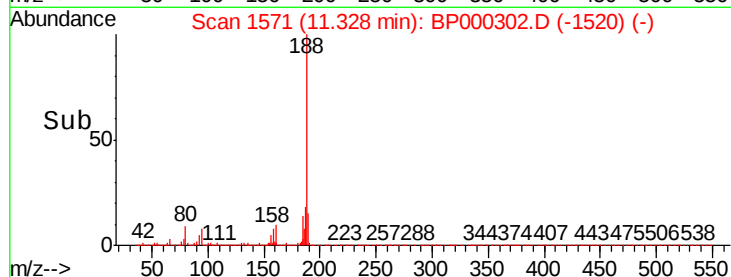
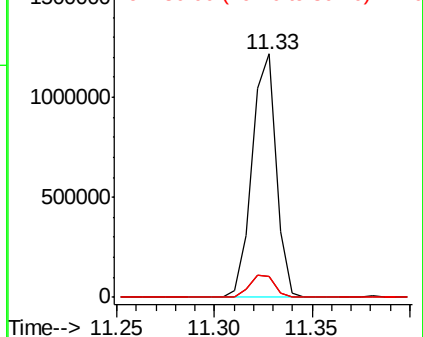
80 8.5 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#67

4-Bromophenyl-phenylether

Concen: 3.487 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000302.D

Acq: 18 Sep 2019 17:13

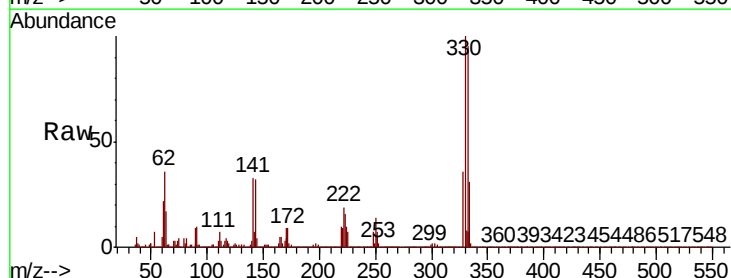
Tgt Ion:248 Resp: 41272

Ion Ratio Lower Upper

248 100

250 200.5 77.0 115.4#

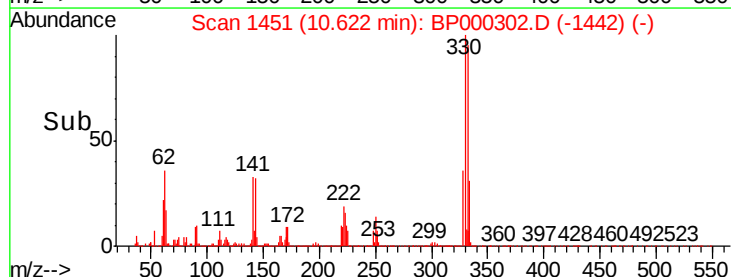
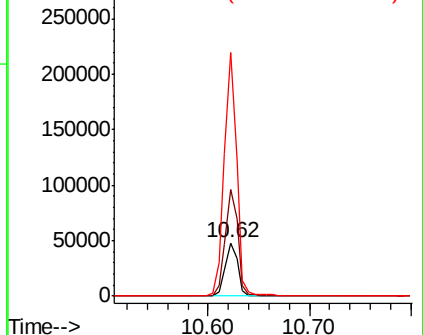
141 457.3 58.5 87.7#

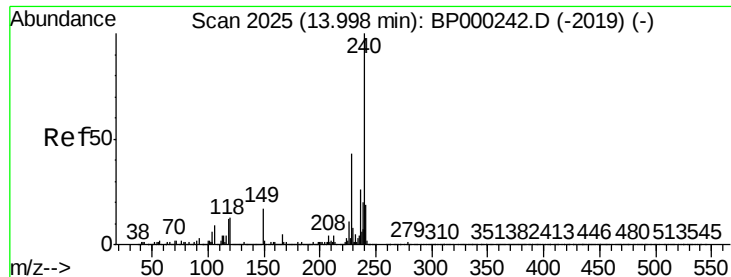


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

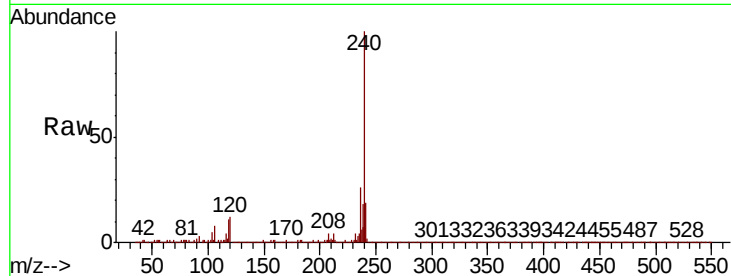




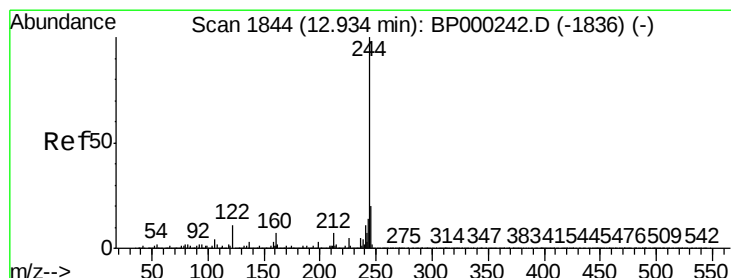
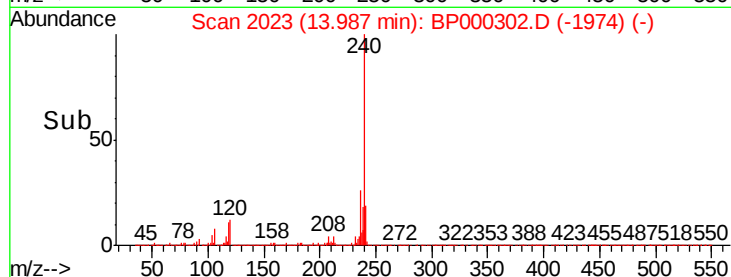
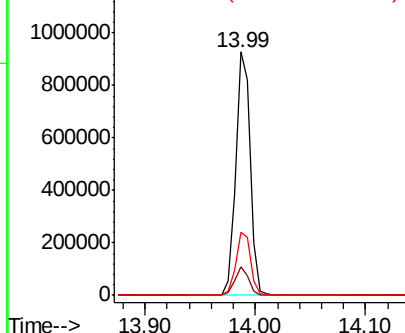
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BP000302.D
 Acq: 18 Sep 2019 17:13

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:240 Resp: 854088
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.4 15.6
 236 25.8 21.0 31.6

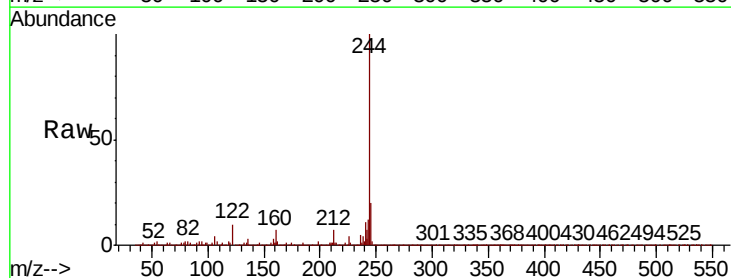


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

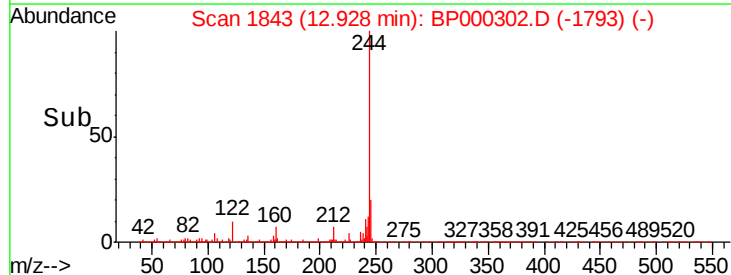
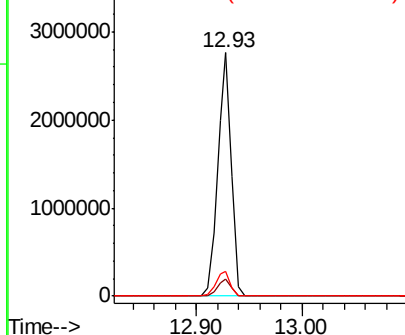


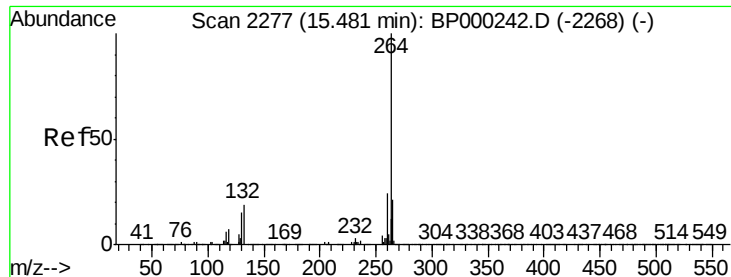
#79
 Terphenyl-d14
 Concen: 61.240 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000302.D
 Acq: 18 Sep 2019 17:13

Tgt Ion:244 Resp: 2493227
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.4 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000302.D
Acq: 18 Sep 2019 17:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.1	17.2	25.8

