

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000424.D
 Acq On : 26 Sep 2019 15:57
 Operator : JU
 Sample : K5019-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:11:51 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	263908	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	964954	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	534511	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	989686	20.00	ng	0.00
76) Chrysene-d12	14.00	240	879381	20.00	ng	0.00
87) Perylene-d12	15.49	264	962669	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1265922	82.81	ng	0.01
7) Phenol-d6	6.43	99	1117029	59.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	1288044	86.12	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	714334	134.74	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2629859	88.55	ng	0.00
79) Terphenyl-d14	12.94	244	3377025	80.56	ng	0.00

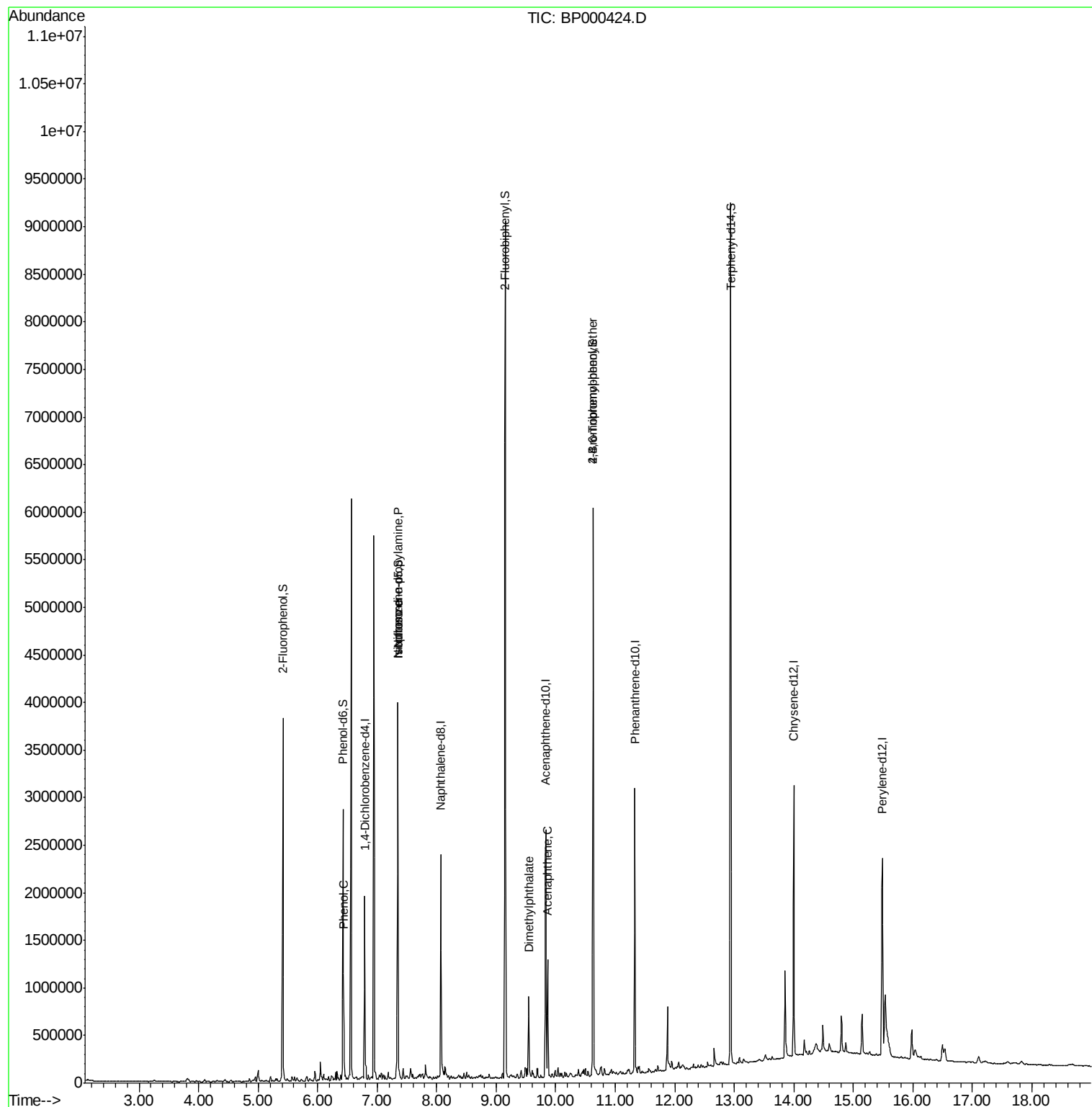
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.34	77	1308	Below Cal		# 72
10) Phenol	6.44	94	101013	4.745	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	165860	16.741	ng	# 75
25) Isophorone	7.35	82	1278856	43.183	ng	# 63
50) Dimethylphthalate	9.55	163	325491	8.938	ng	98
52) Acenaphthene	9.86	154	234813	7.980	ng	99
67) 4-Bromophenyl-phenylether	10.63	248	49026	4.381	ng	# 1
69) Atrazine	11.02	200	92	Below Cal		# 1

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

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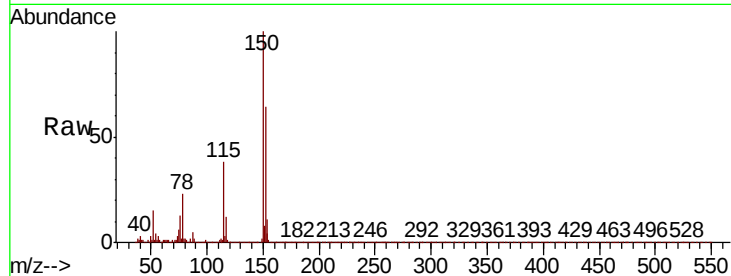


#1

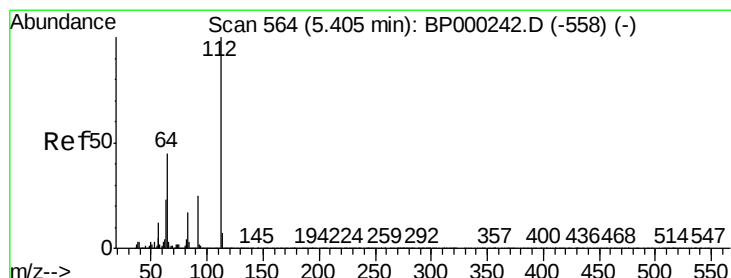
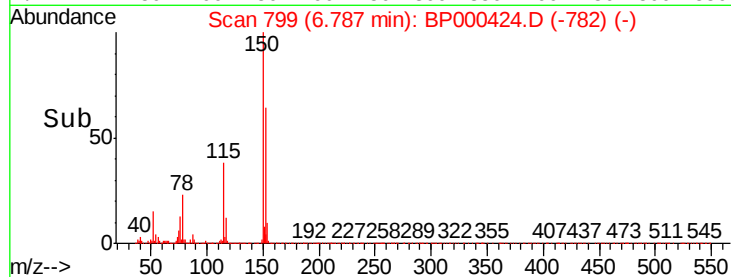
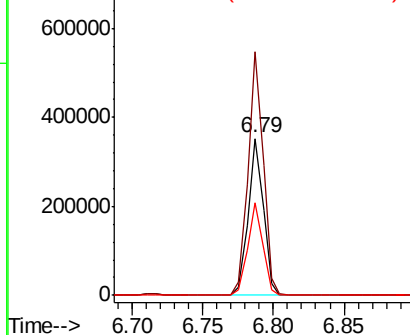
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.2	187.8
115	58.8	49.7	74.5



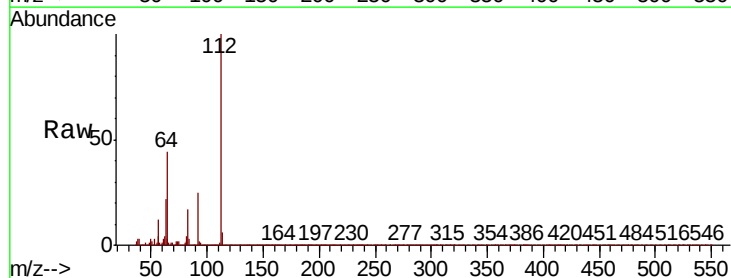
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



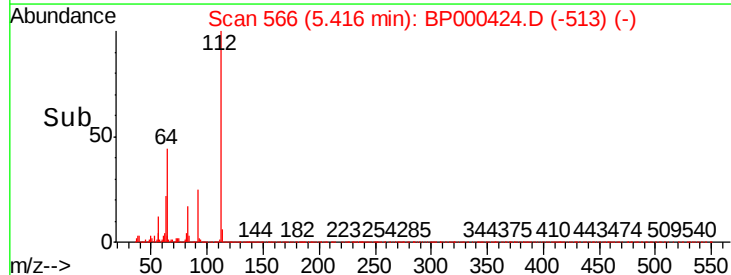
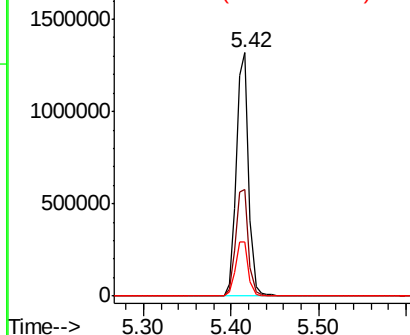
#5

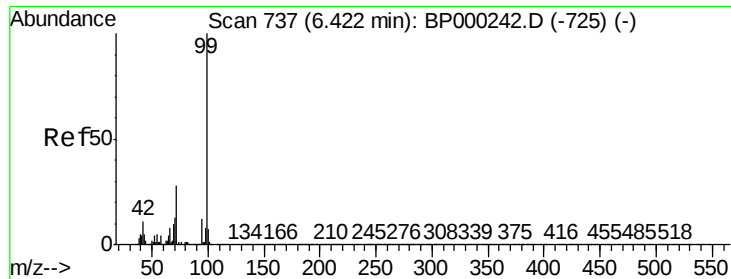
2-Fluorophenol
Concen: 82.810 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.6	36.2	54.4
63	22.2	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: 59.611 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampleId :

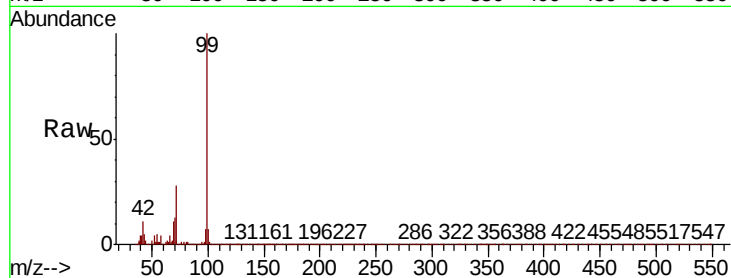
Tot Ion: 99 Resp: 1117029

Ion Ratio Lower Upper

99 100

42 10.8 8.5 12.7

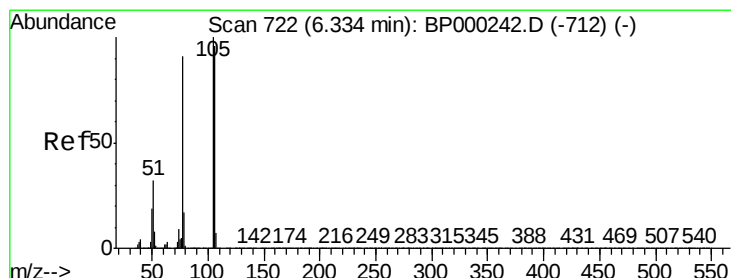
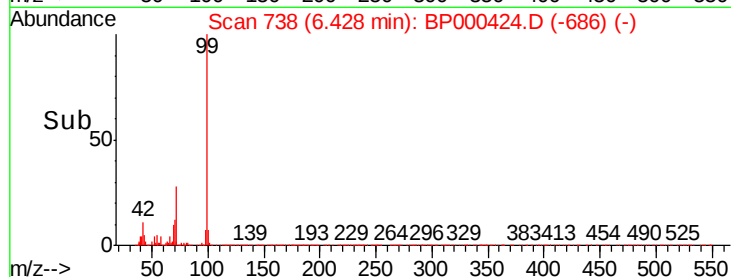
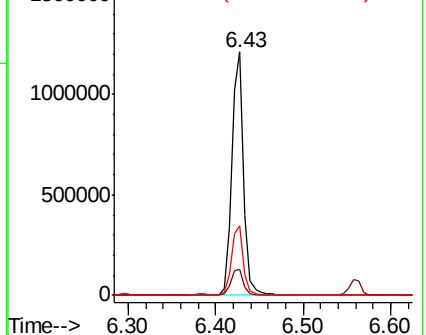
71 28.4 22.6 34.0



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: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

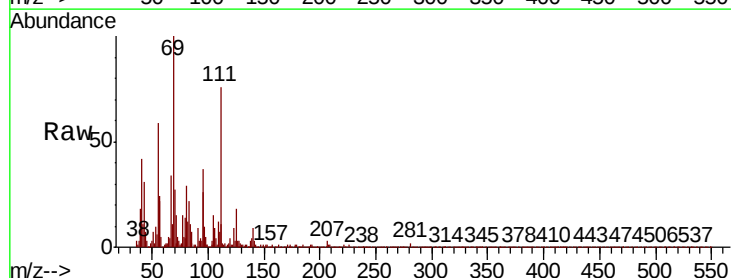
Tgt Ion: 77 Resp: 1308

Ion Ratio Lower Upper

77 100

105 97.6 89.6 129.6

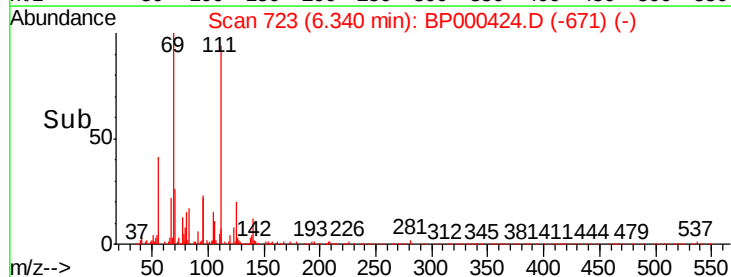
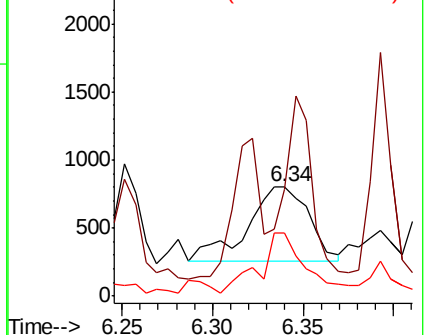
106 57.1 84.6 124.6#

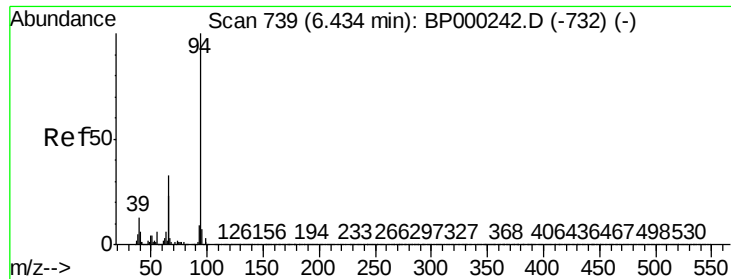


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.745 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampled :

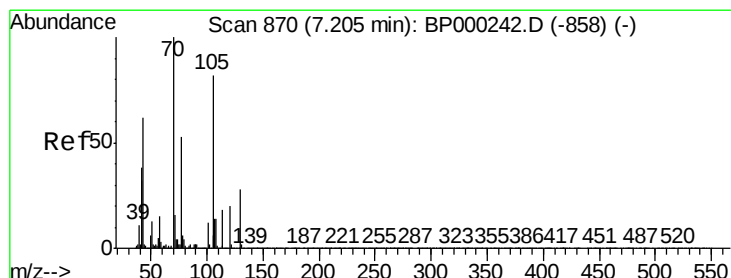
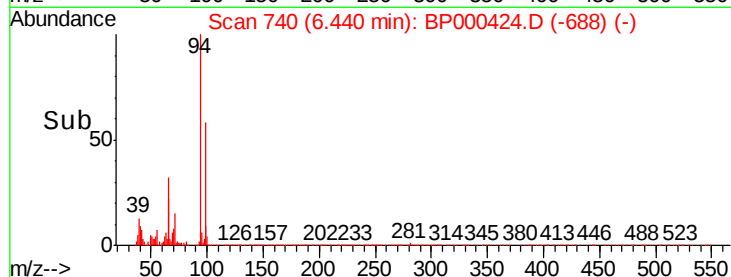
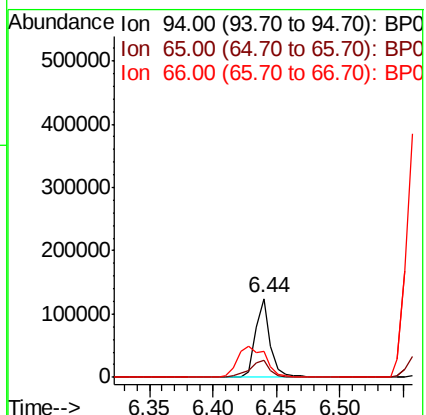
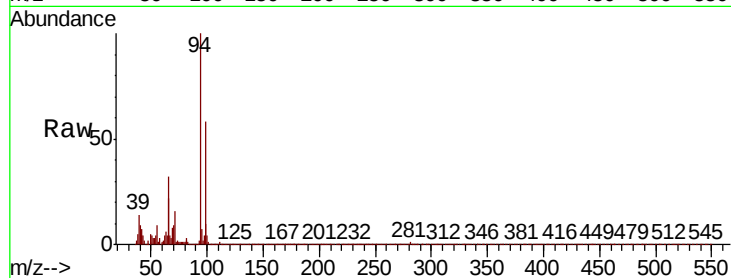
Tot Ion: 94 Resp: 101013

Ion Ratio Lower Upper

94 100

65 22.5 3.3 43.3

66 32.4 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.741 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Tgt Ion: 70 Resp: 165860

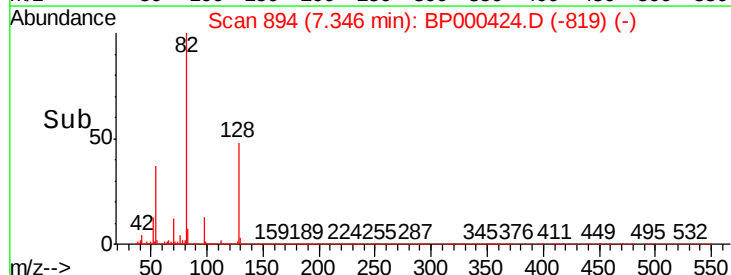
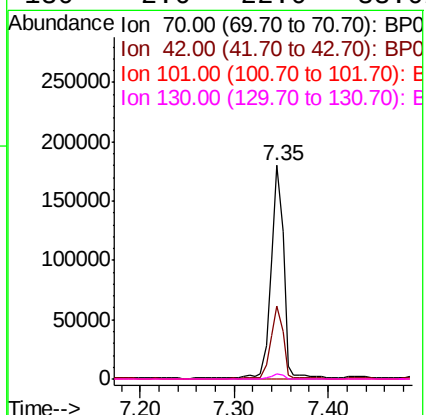
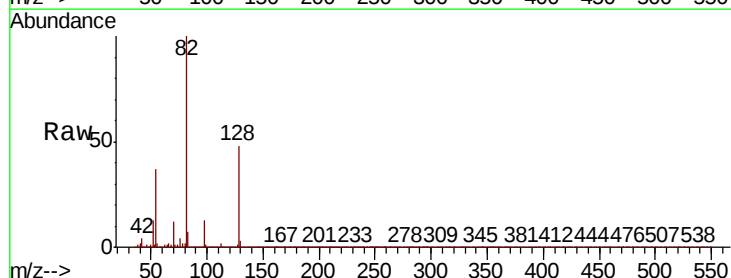
Ion Ratio Lower Upper

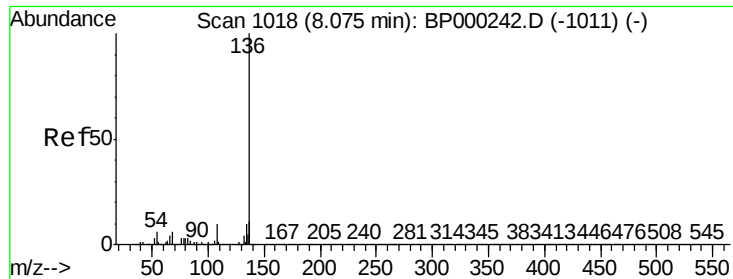
70 100

42 34.0 30.7 46.1

101 0.1 9.6 14.4#

130 2.6 22.0 33.0#

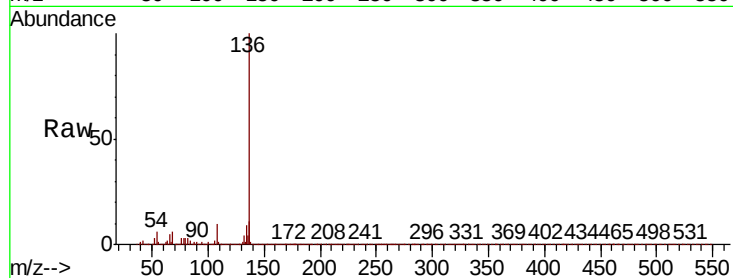




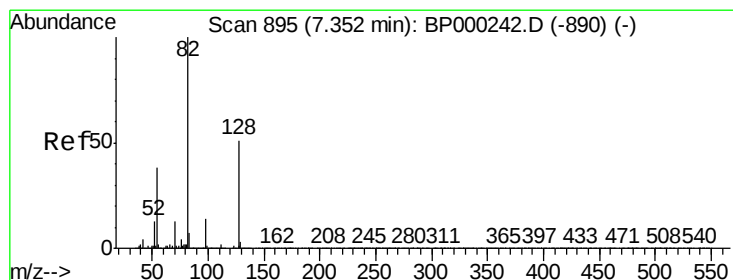
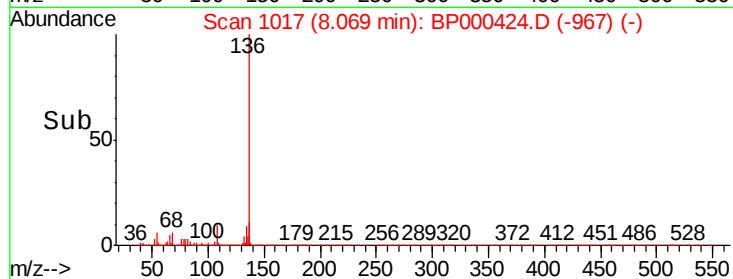
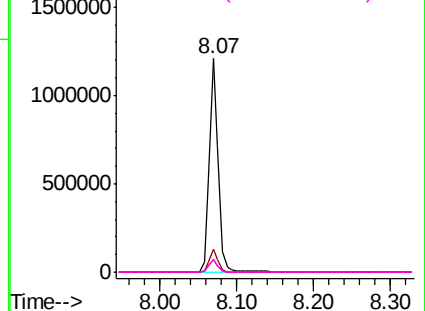
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	964954	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.6	13.0	
54 5.8	4.5	6.7	
68 5.8	4.5	6.7	

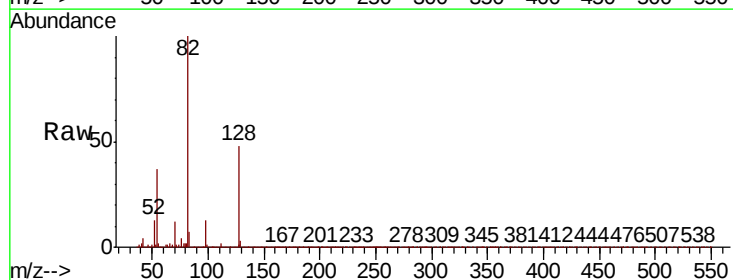


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

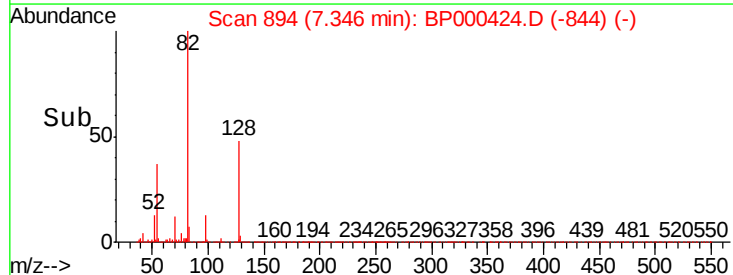
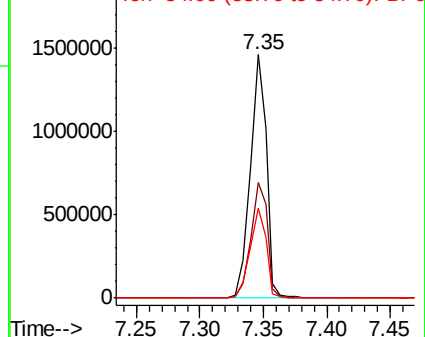


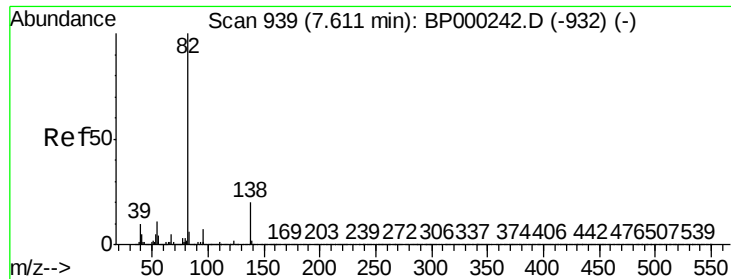
#23
Nitrobenzene-d5
Concen: 86.122 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Tgt Ion: 82	Resp: 1288044
Ion Ratio	Lower Upper
82 100	
128 47.6	40.7 61.1
54 37.1	30.1 45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 43.183 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampleId :

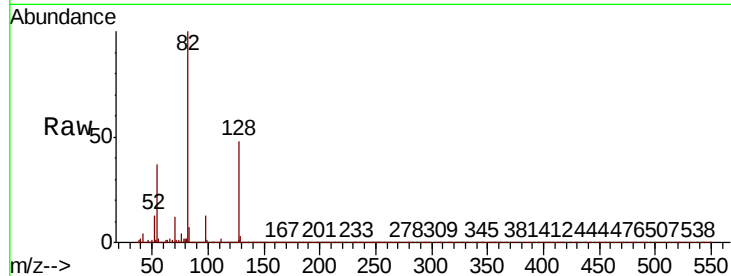
Tot Ion: 82 Resp: 1278856

Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

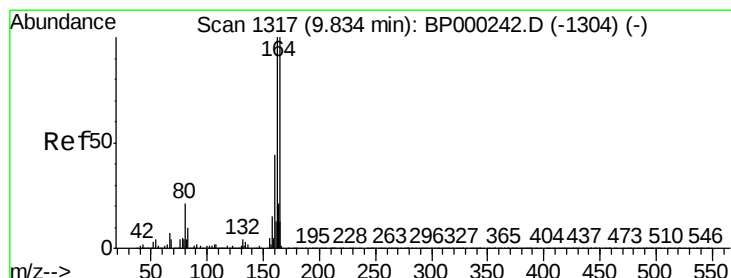
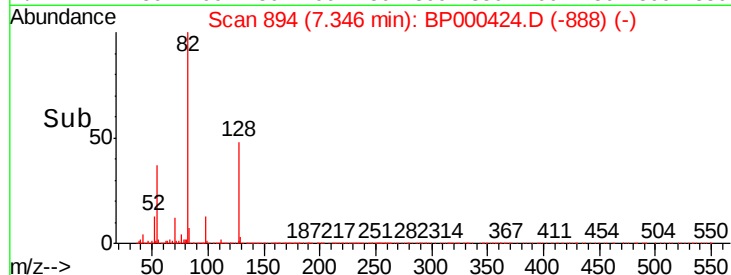
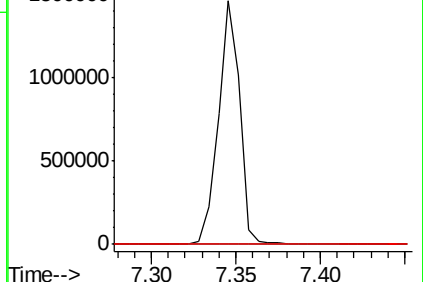
138 0.0 15.9 23.9#



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: BP000424.D

Acq: 26 Sep 2019 15:57

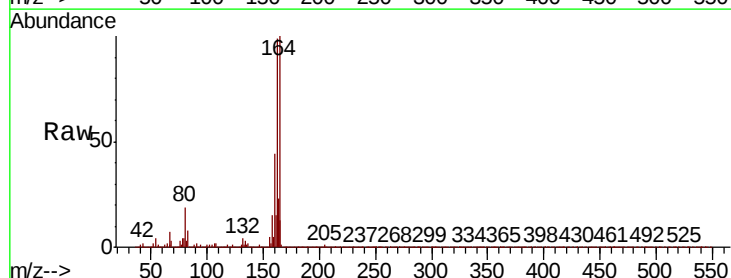
Tgt Ion: 164 Resp: 534511

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

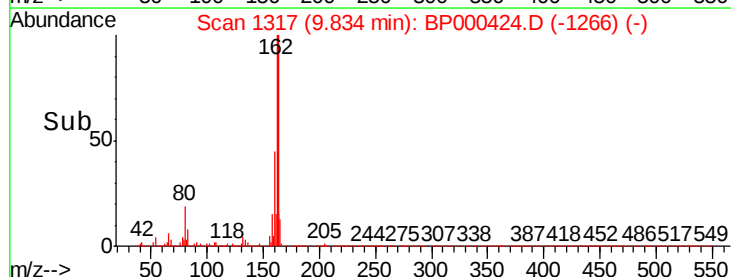
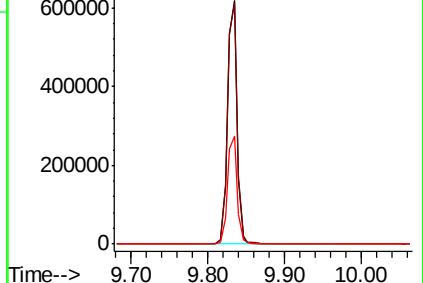
160 44.4 35.6 53.4

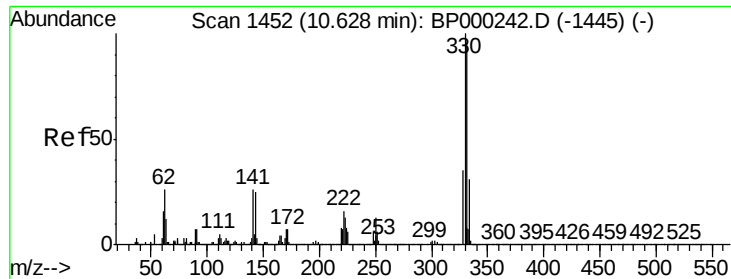


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

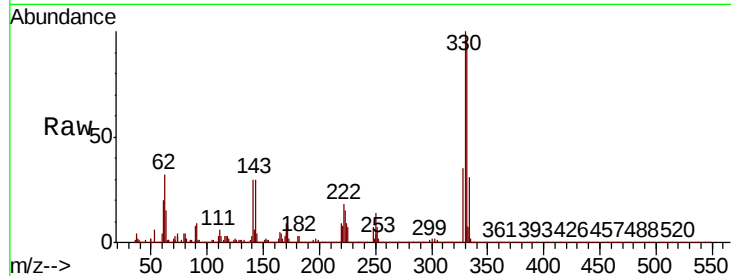




#42
2,4,6-Tribromophenol
Concen: 134.739 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	32.4	26.5	39.7

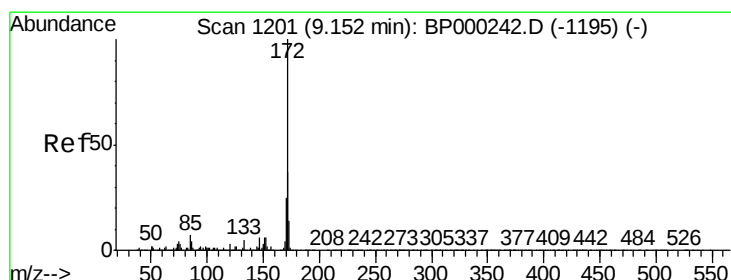
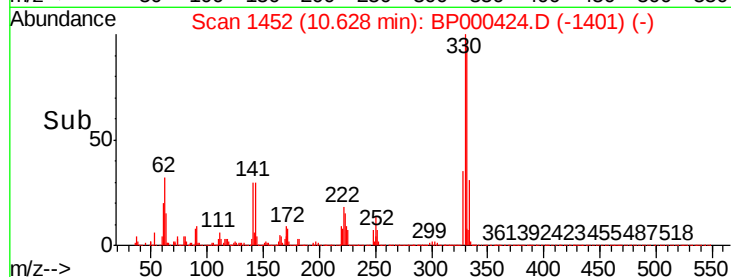
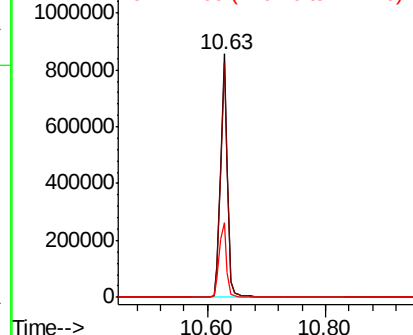


Abundance

Ion 329.80 (329.50 to 330.50): E

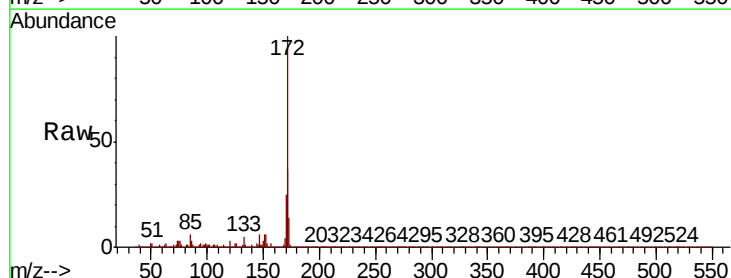
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 88.553 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.5	19.8	29.6

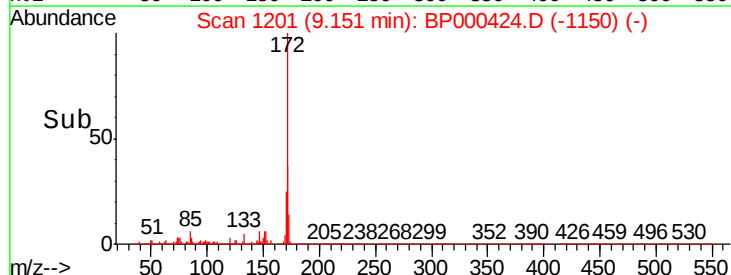
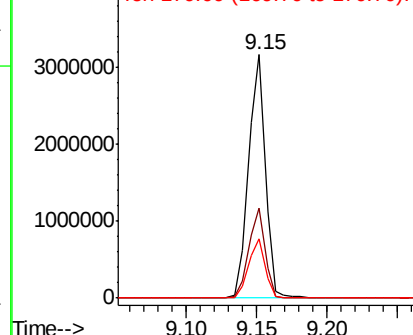


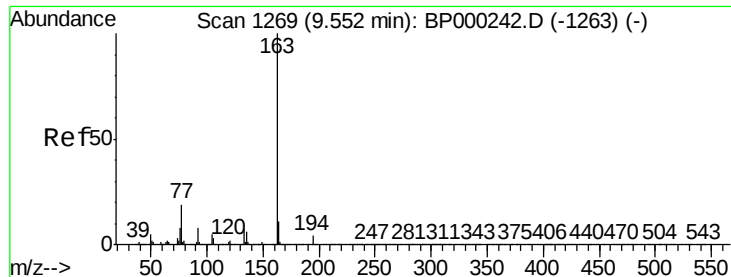
Abundance

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

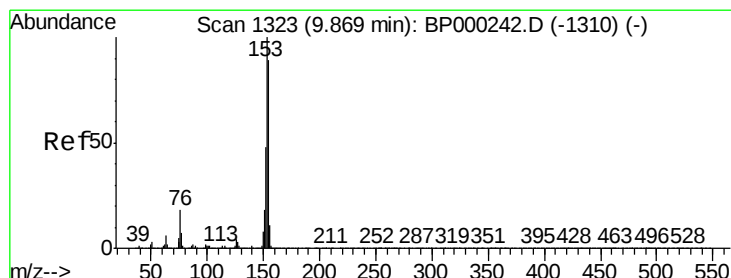
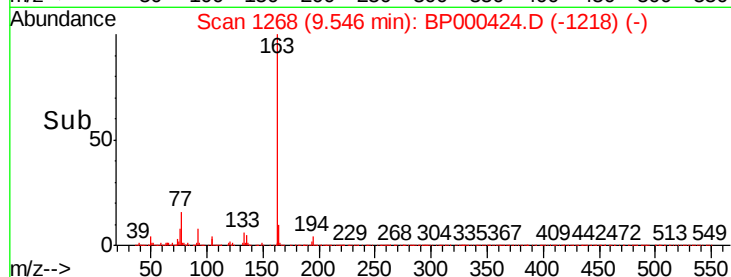
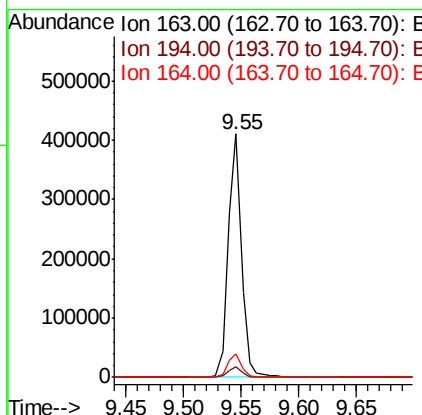
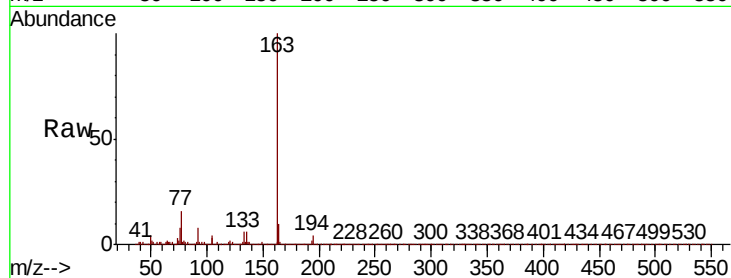




#50
Dimethylphthalate
Concen: 8.938 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

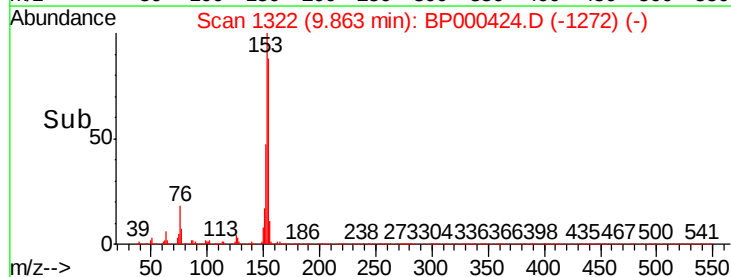
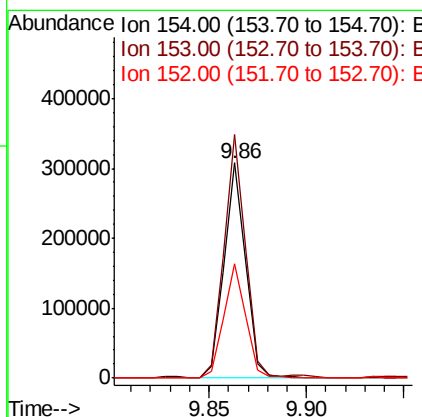
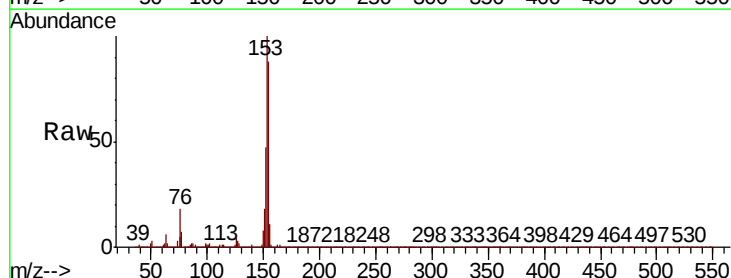
Instrument :
BNA_P
ClientSampled :

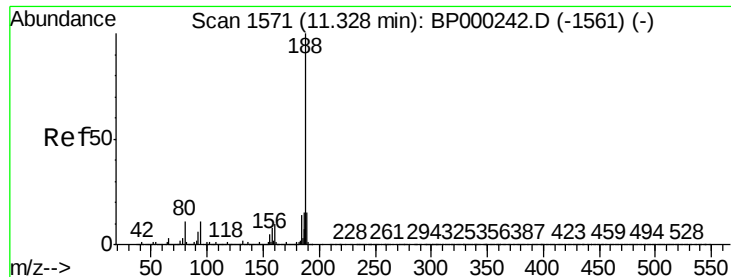
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.5	12.7



#52
Acenaphthene
Concen: 7.980 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000424.D
Acq: 26 Sep 2019 15:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.8	134.6
152	52.8	43.4	65.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

Instrument :

BNA_P

ClientSampleId :

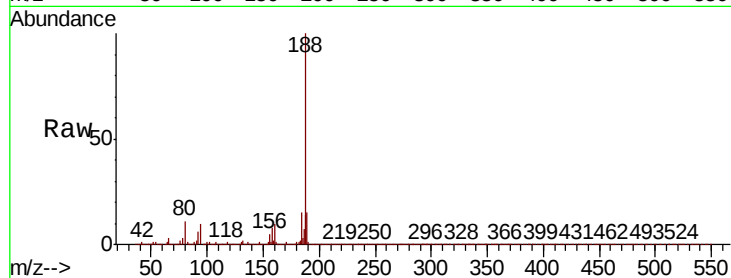
Tot Ion:188 Resp: 989686

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

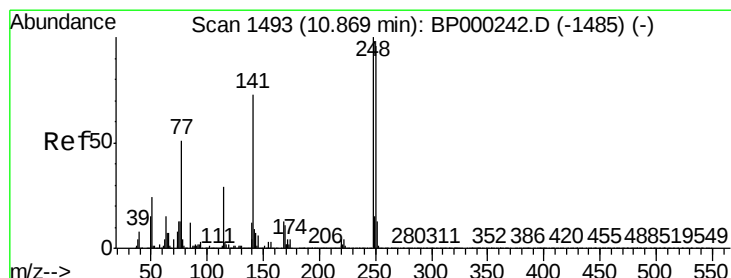
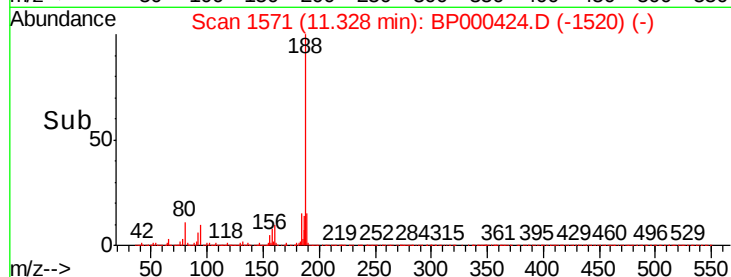
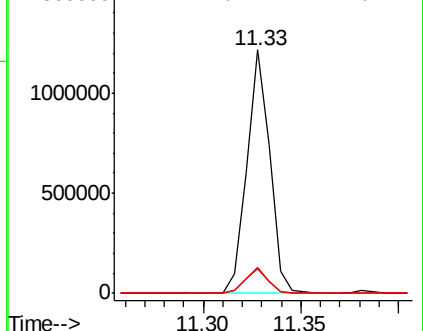
80 10.7 8.6 13.0



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: 4.381 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000424.D

Acq: 26 Sep 2019 15:57

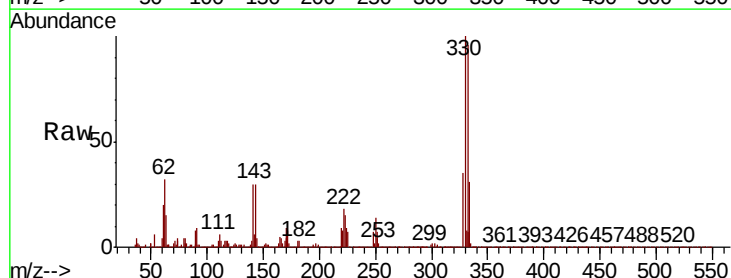
Tgt Ion:248 Resp: 49026

Ion Ratio Lower Upper

248 100

250 197.6 77.0 115.4#

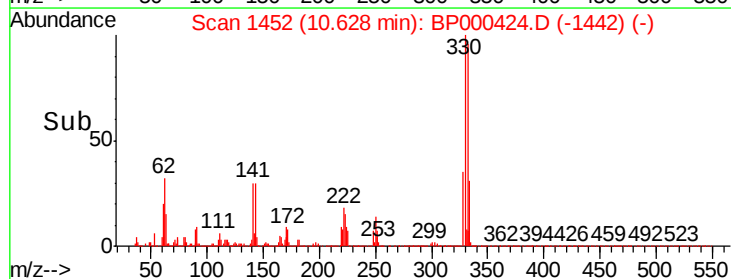
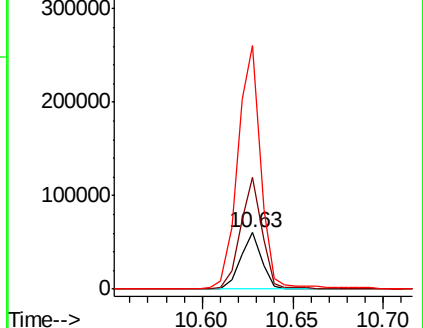
141 432.1 58.5 87.7#

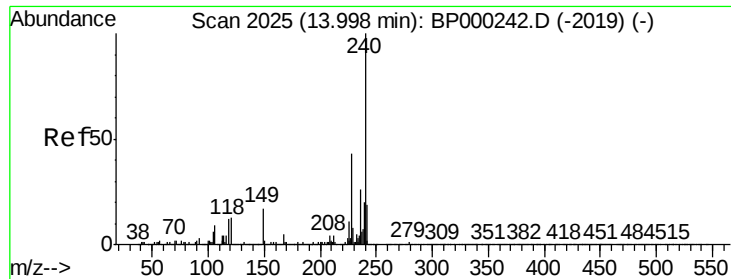


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

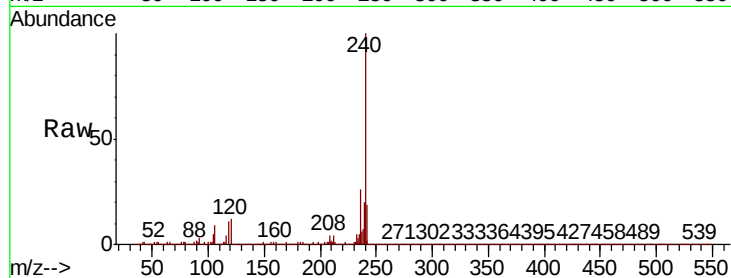




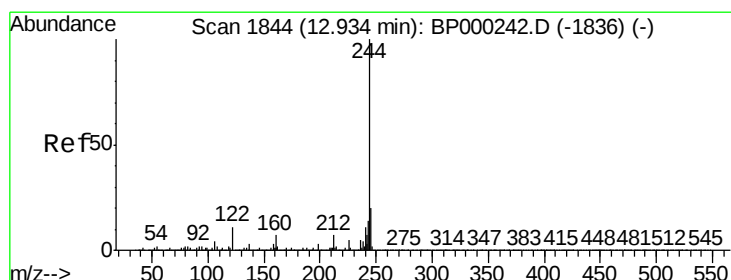
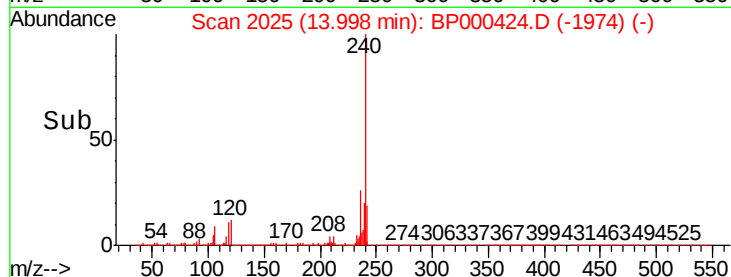
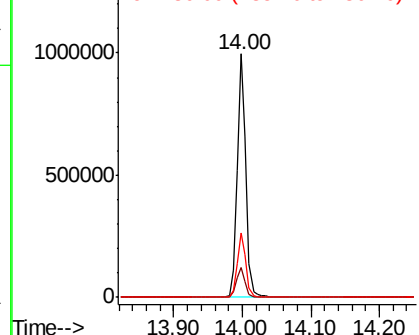
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000424.D
 Acq: 26 Sep 2019 15:57

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:240 Resp: 879381
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.4 15.6
 236 26.3 21.0 31.6

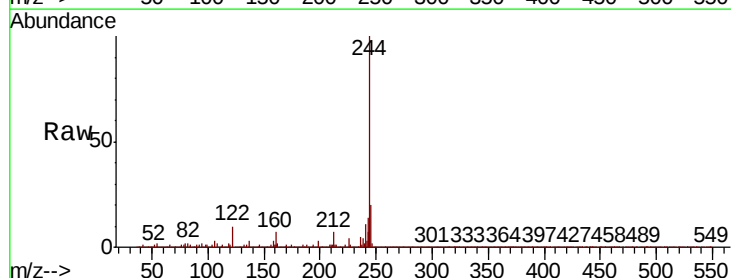


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

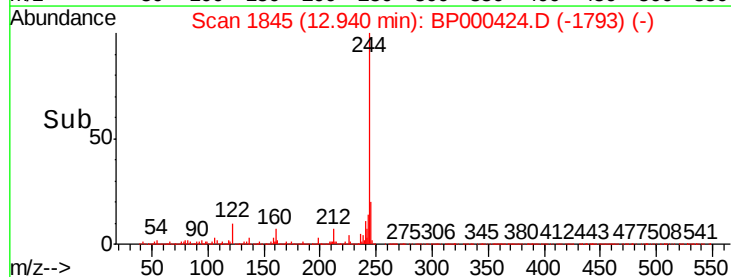
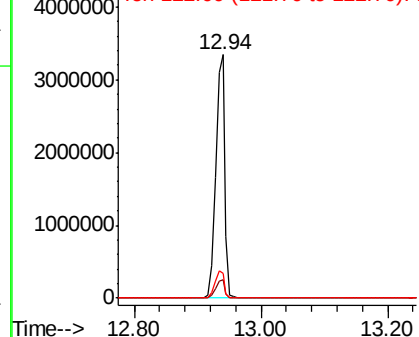


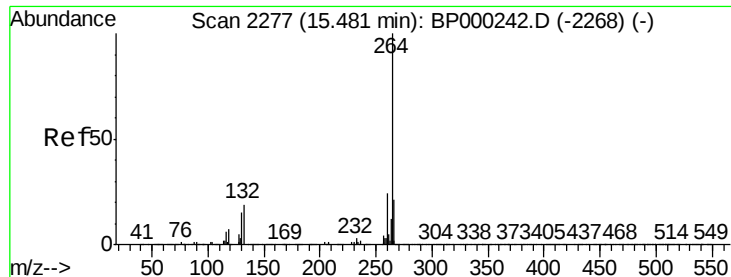
#79
 Terphenyl-d14
 Concen: 80.562 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000424.D
 Acq: 26 Sep 2019 15:57

Tgt Ion:244 Resp: 3377025
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.3 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

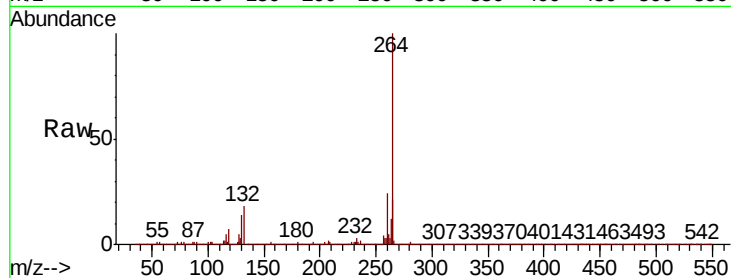




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BP000424.D
 Acq: 26 Sep 2019 15:57

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.4	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

