

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000371.D
 Acq On : 23 Sep 2019 19:28
 Operator : HP/JU
 Sample : K4973-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 04:22:15 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

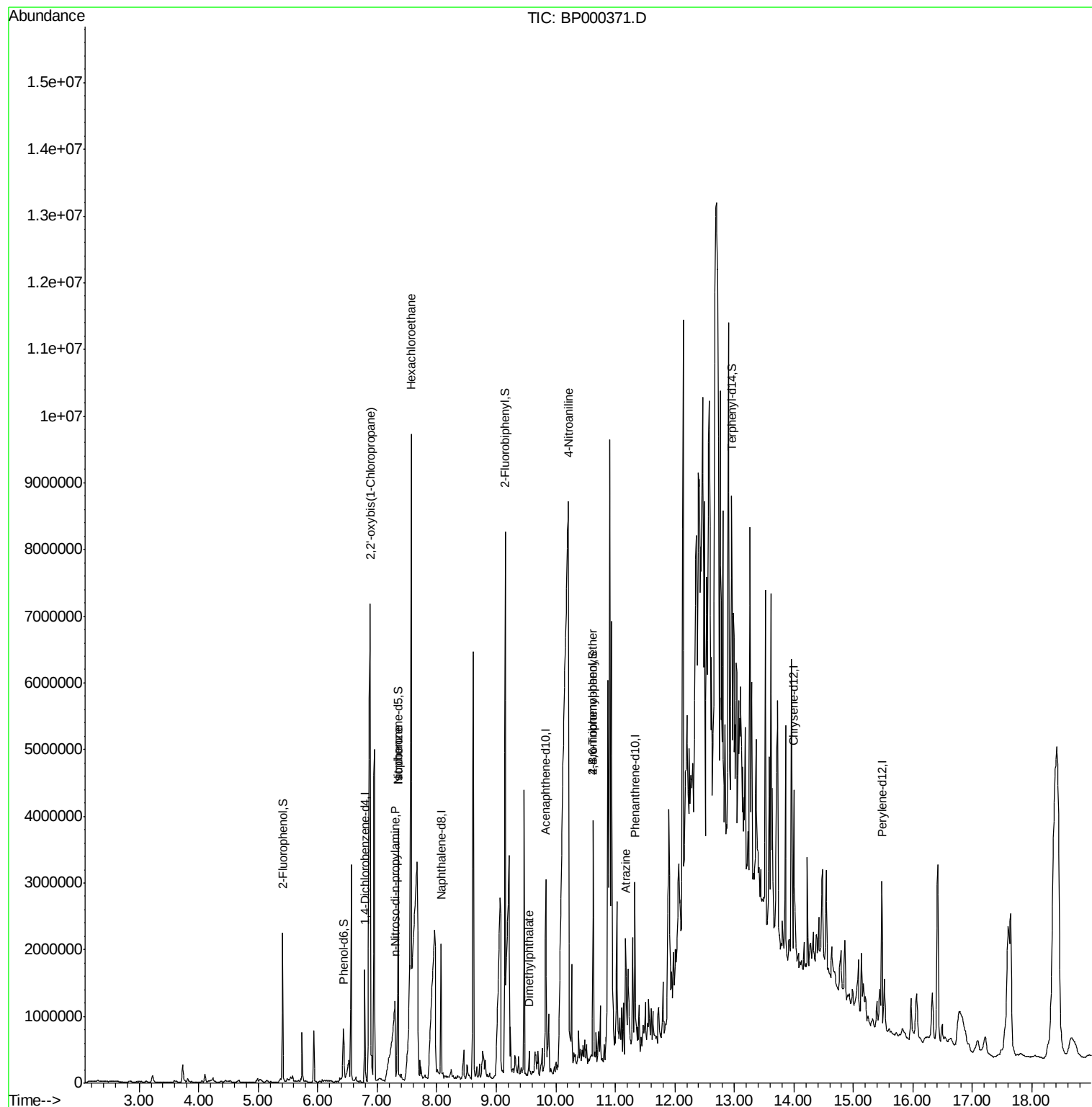
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	270189	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	907924	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	488711	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	830524	20.00	ng	0.00
76) Chrysene-d12	14.00	240	824805	20.00	ng	0.00
87) Perylene-d12	15.48	264	991297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	682597	43.61	ng	0.00
7) Phenol-d6	6.43	99	434835	22.67	ng	0.01
23) Nitrobenzene-d5	7.35	82	1185630	84.25	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	453476	93.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2437614	89.77	ng	0.00
79) Terphenyl-d14	12.96	244	2211130	56.24	ng	0.02
Target Compounds						
9) Benzaldehyde	6.33	77	940	Below Cal		93
16) 2,2'-oxybis(1-Chloropropan	6.88	45	65120	4.115 ng		77
18) Hexachloroethane	7.57	117	16254	2.183 ng	#	1
19) n-Nitroso-di-n-propylamine	7.30	70	171231	16.881 ng	#	30
25) Isophorone	7.35	82	1181629	42.406 ng	#	63
50) Dimethylphthalate	9.55	163	69705	2.093 ng		99
62) 4-Nitroaniline	10.22	138	265581	31.774 ng	#	26
67) 4-Bromophenyl-phenylether	10.63	248	29985	3.193 ng	#	1
69) Atrazine	11.17	200	185535	23.059 ng	#	37

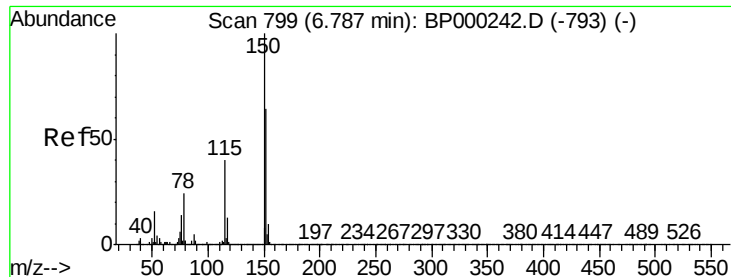
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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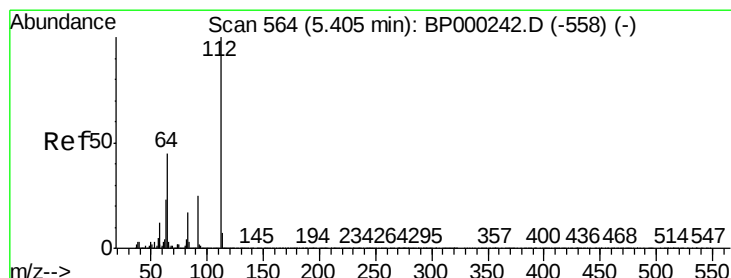
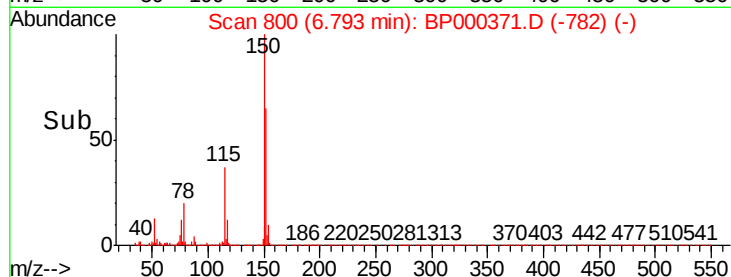
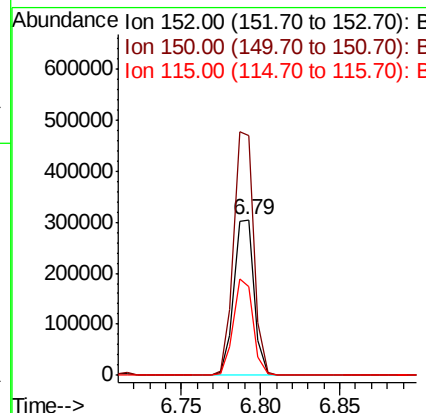
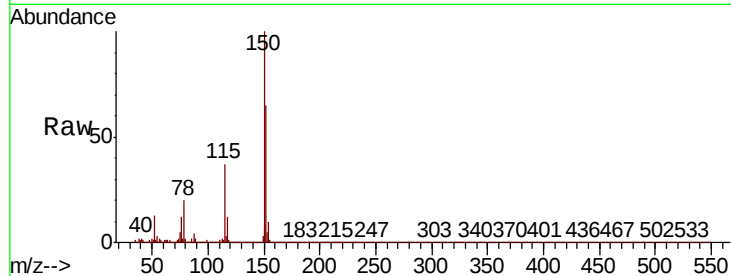


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Instrument :
BNA_P
ClientSampleId :

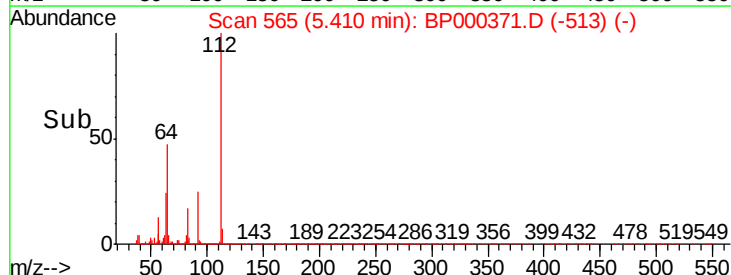
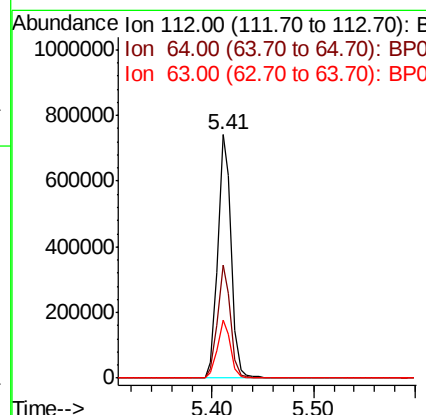
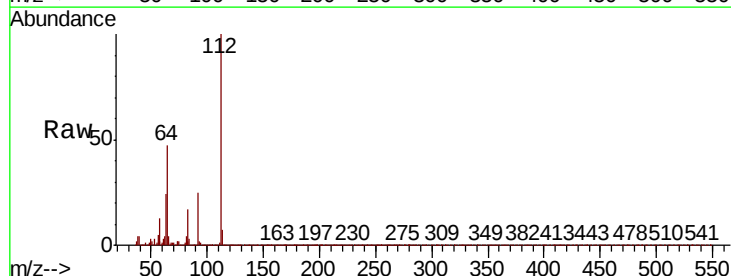
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.2	187.8
115	56.8	49.7	74.5

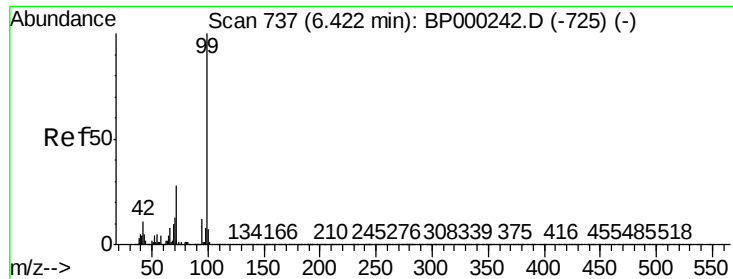


#5

2-Fluorophenol
Concen: 43.614 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.6	36.2	54.4
63	23.9	18.3	27.5





#7

Phenol-d6

Concen: 22.666 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000371.D

Acq: 23 Sep 2019 19:28

Instrument :

BNA_P

ClientSampled :

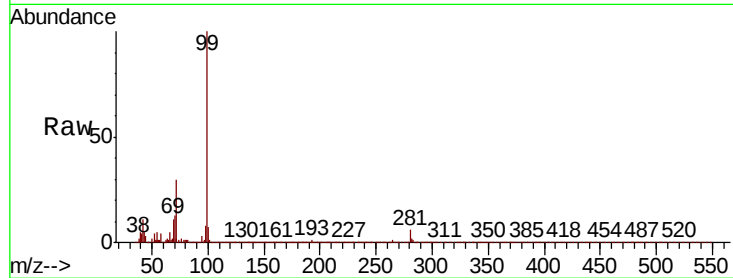
Tot Ion: 99 Resp: 434835

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

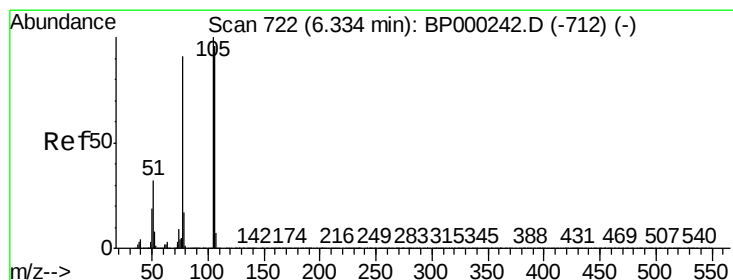
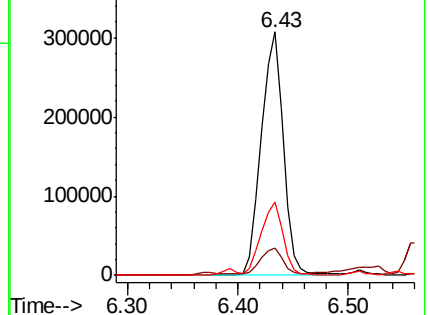
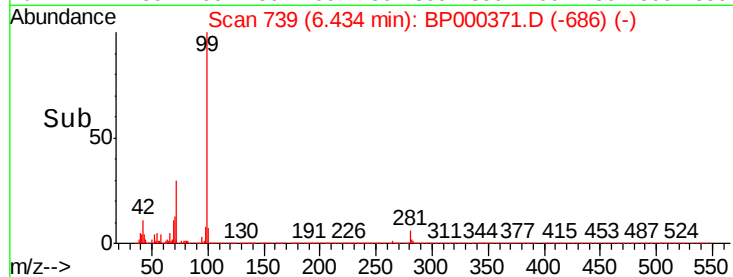
71 30.4 22.6 34.0



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: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000371.D

Acq: 23 Sep 2019 19:28

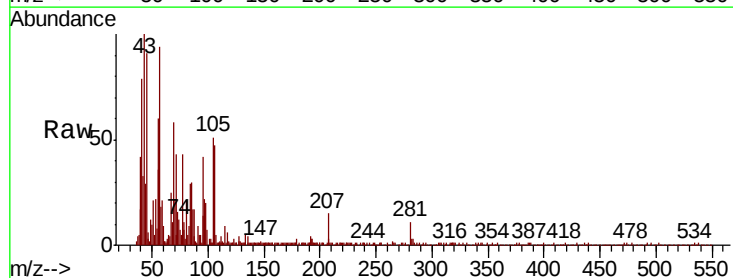
Tgt Ion: 77 Resp: 940

Ion Ratio Lower Upper

77 100

105 118.2 89.6 129.6

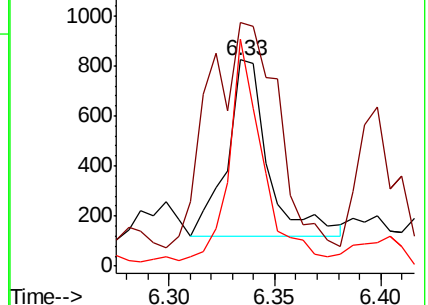
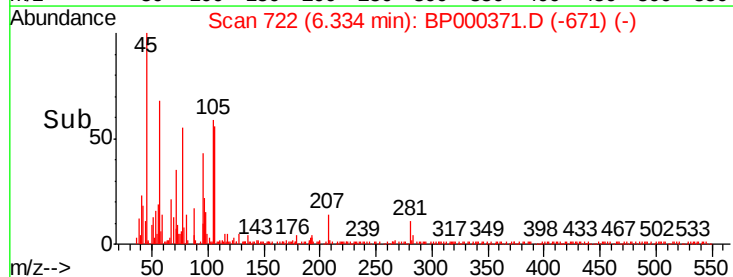
106 110.0 84.6 124.6

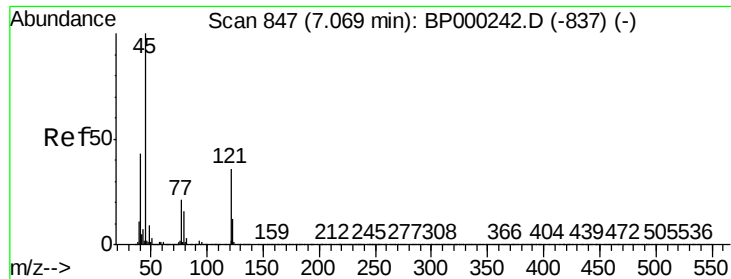


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

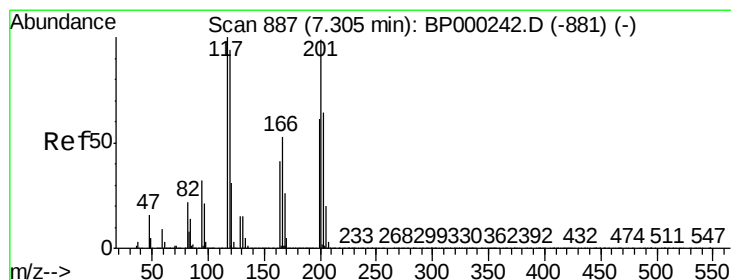
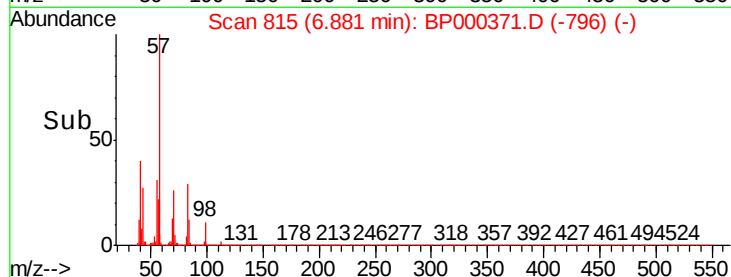
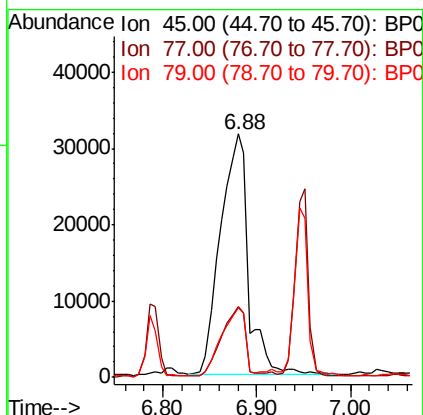
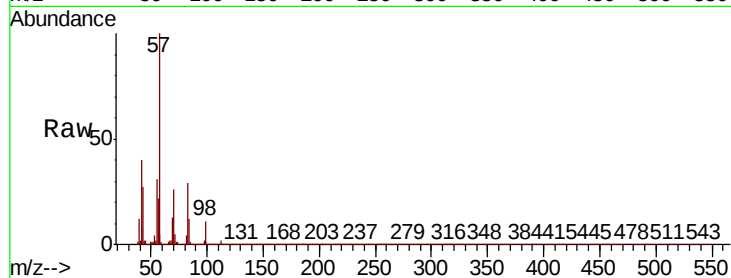




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.115 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.19 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

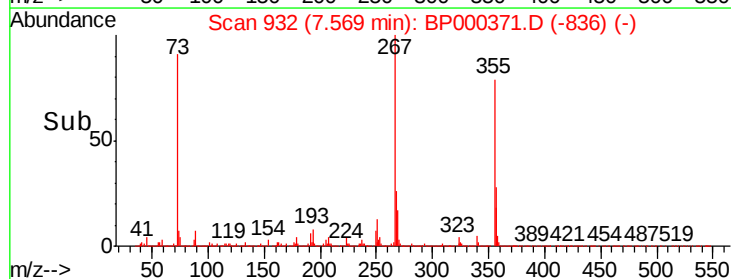
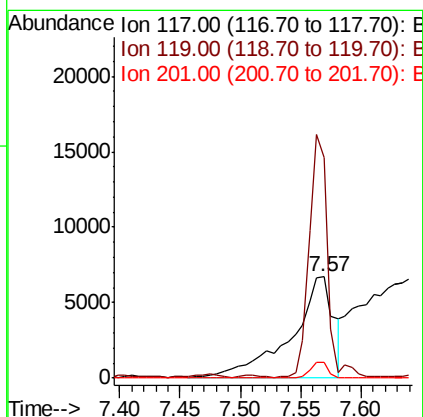
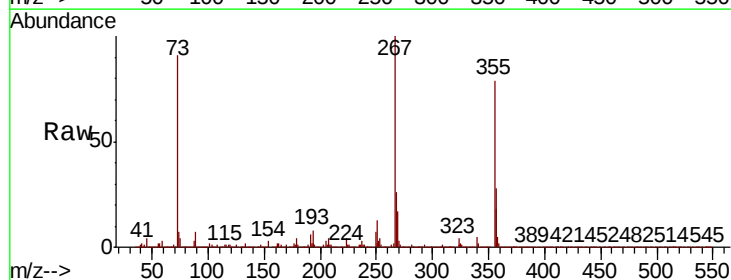
Instrument :
BNA_P
ClientSampleId :

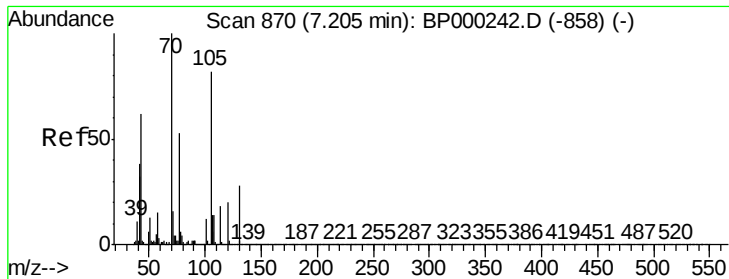
Tot Ion: 45 Resp: 65120
Ion Ratio Lower Upper
45 100
77 29.2 0.7 40.7
79 28.8 0.0 36.4



#18
Hexachloroethane
Concen: 2.183 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.26 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Tgt Ion: 117 Resp: 16254
Ion Ratio Lower Upper
117 100
119 218.1 75.6 113.4#
201 16.1 79.4 119.2#

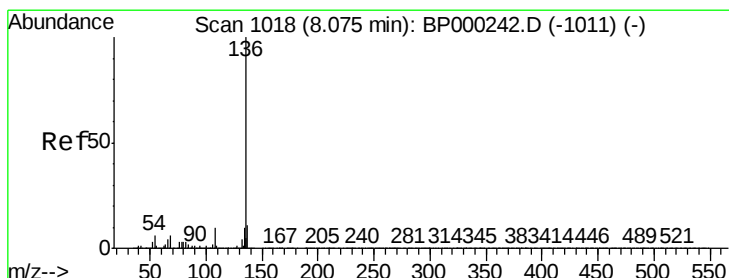
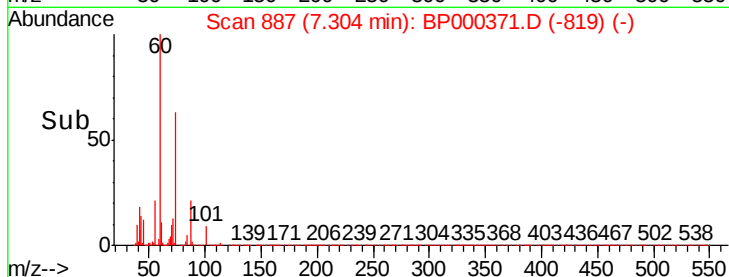
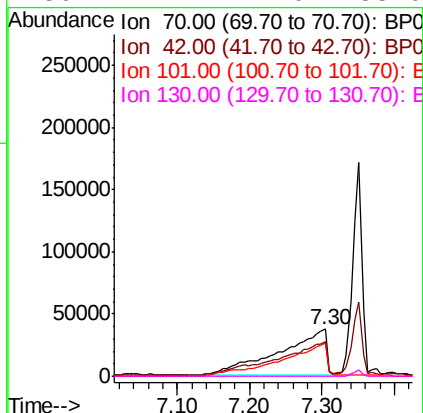
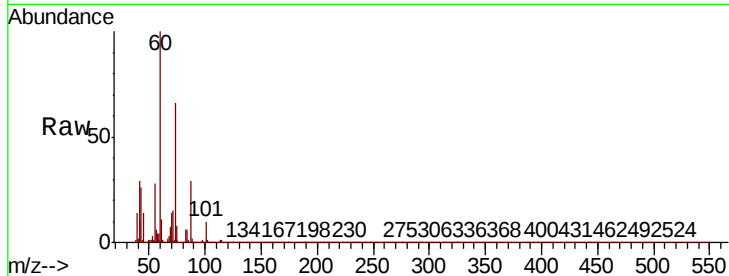




#19
n-Nitroso-di-n-propylamine
Concen: 16.881 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.10 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

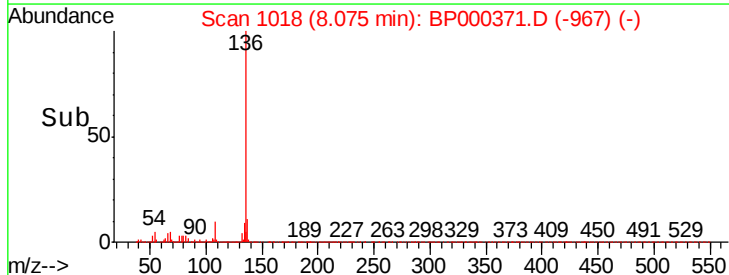
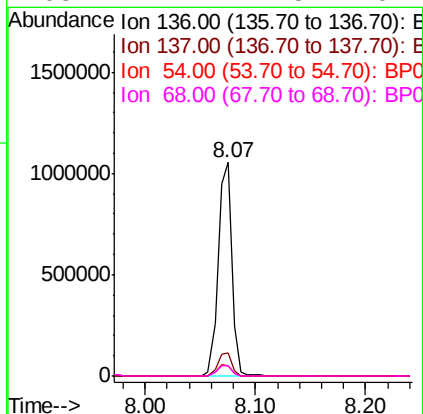
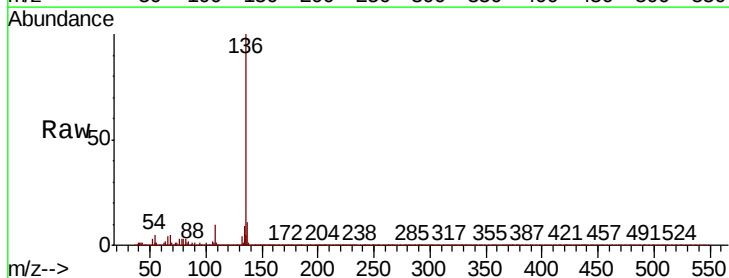
Instrument :
BNA_P
ClientSampled :

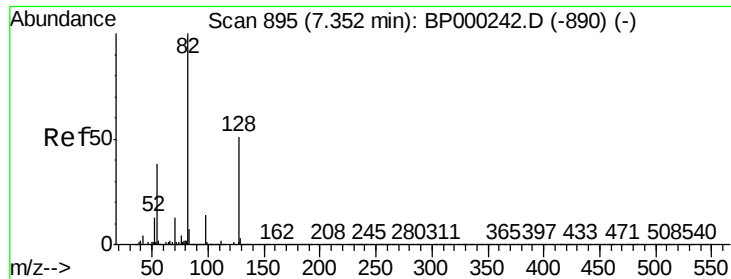
Tot Ion: 70 Resp: 171231
Ion Ratio Lower Upper
70 100
42 73.5 30.7 46.1#
101 71.4 9.6 14.4#
130 1.1 22.0 33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Tgt Ion:136 Resp: 907924
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 4.8 4.5 6.7
68 4.7 4.5 6.7

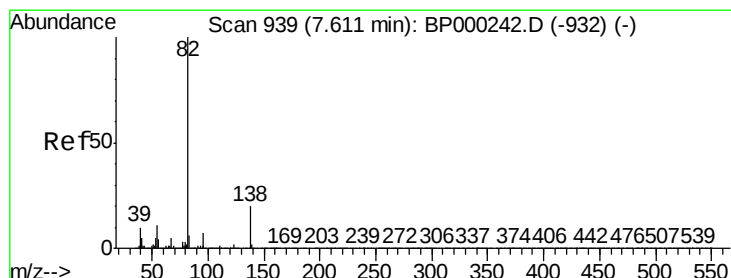
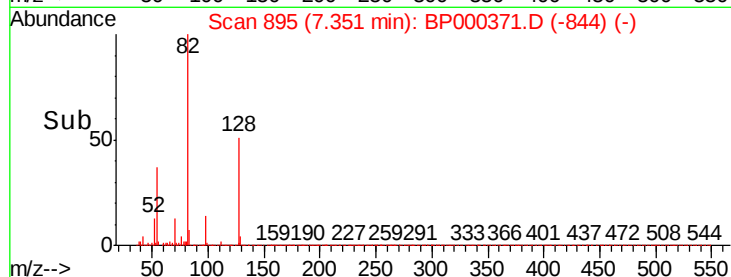
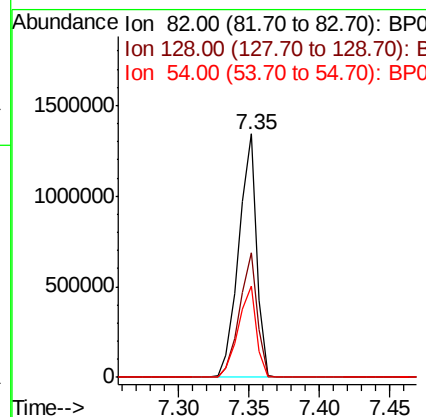
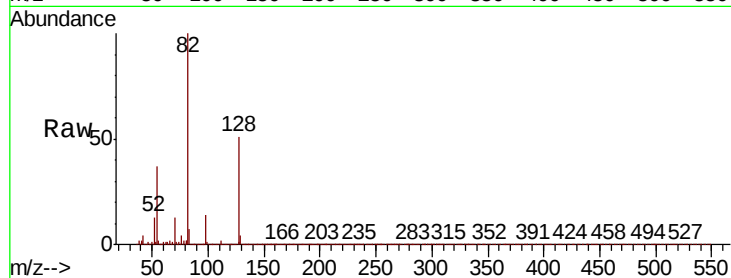




#23
Nitrobenzene-d5
Concen: 84.254 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

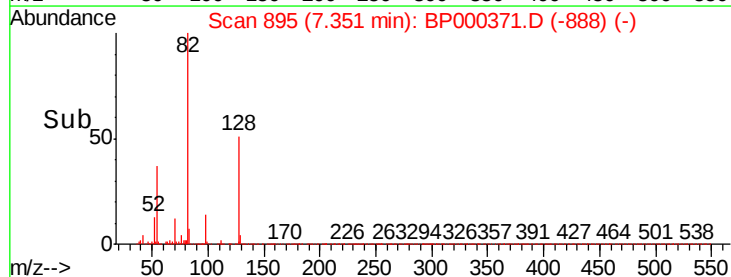
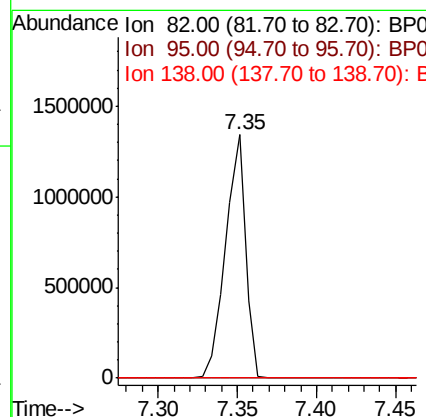
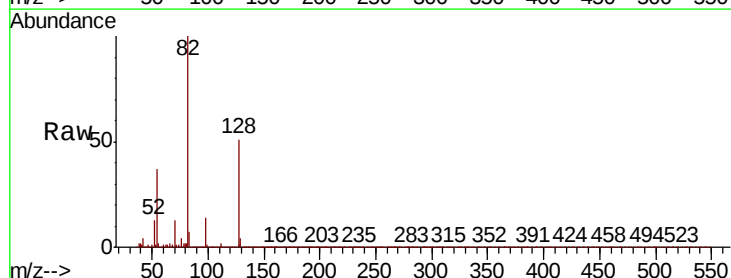
Instrument :
BNA_P
ClientSampleId :

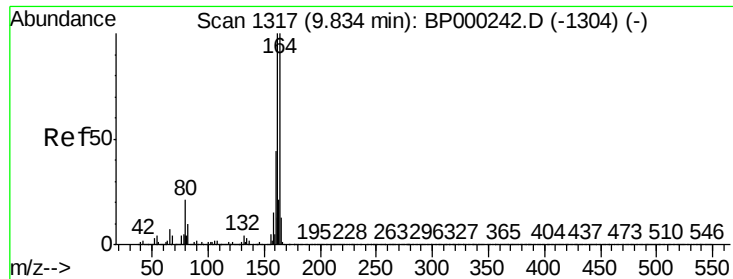
Tot Ion: 82 Resp: 1185630
Ion Ratio Lower Upper
82 100
128 51.3 40.7 61.1
54 37.4 30.1 45.1



#25
Isophorone
Concen: 42.406 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Tgt Ion: 82 Resp: 1181629
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 15.9 23.9#

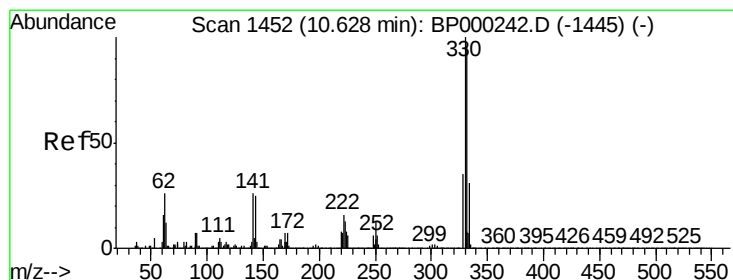
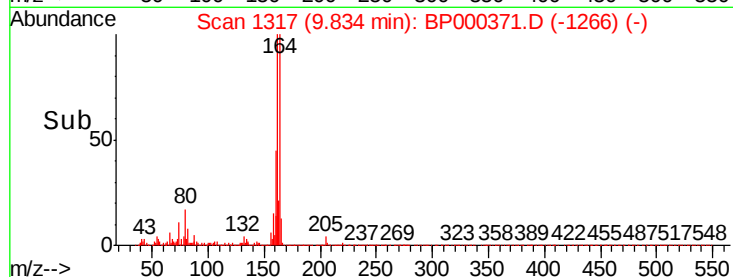
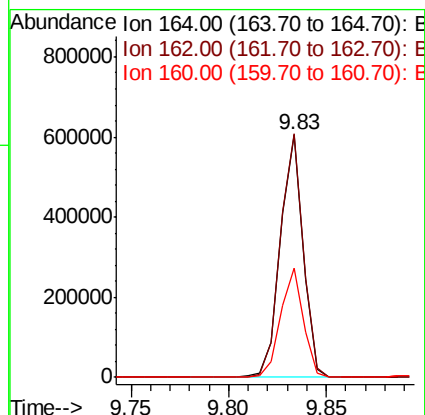
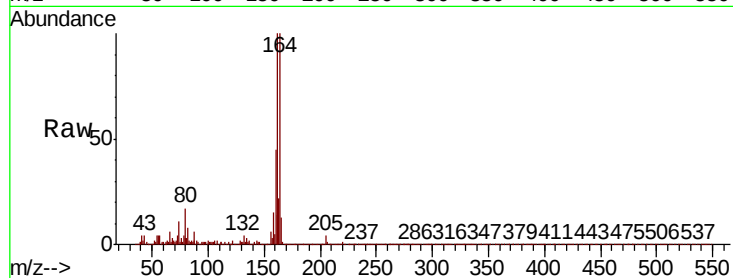




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

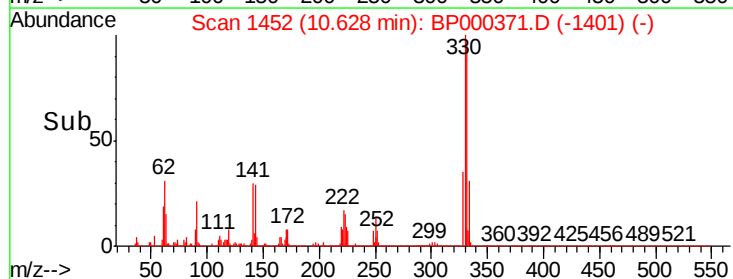
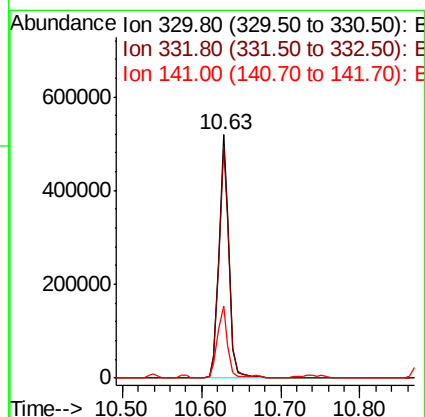
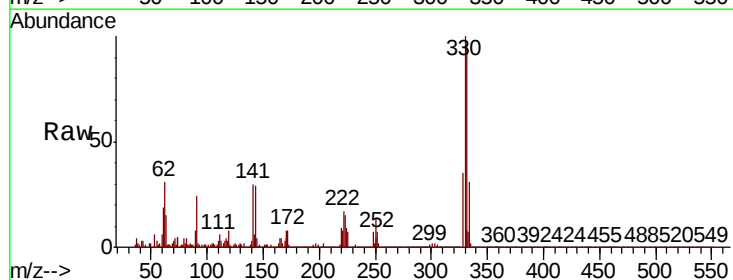
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BNA_P
ClientSampleId :

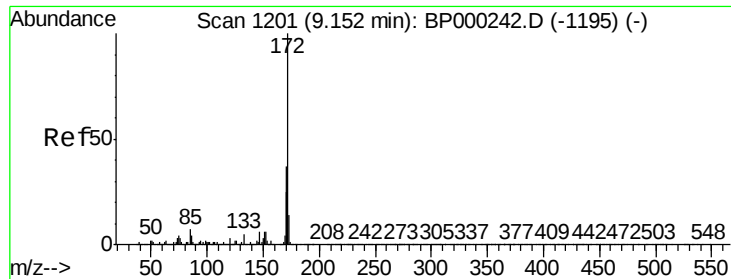
Tot Ion:164 Resp: 488711
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 45.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 93.551 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Tgt Ion:330 Resp: 453476
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 29.0 26.5 39.7

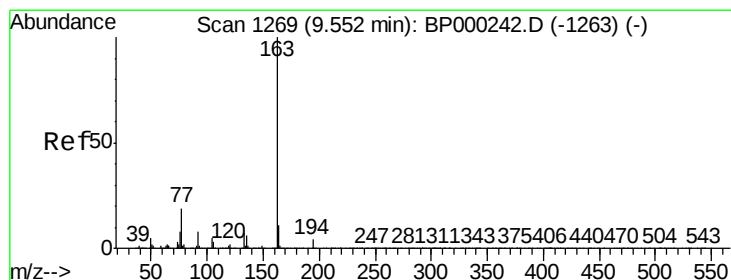
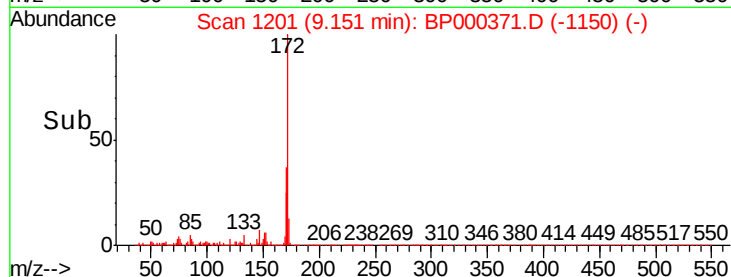
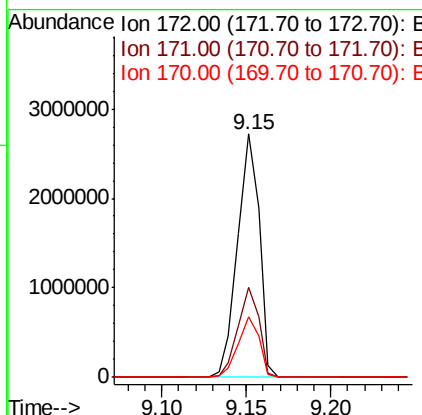
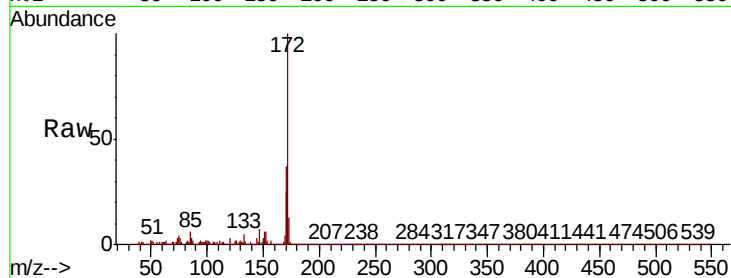




#45
2-Fluorobiphenyl
Concen: 89.772 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

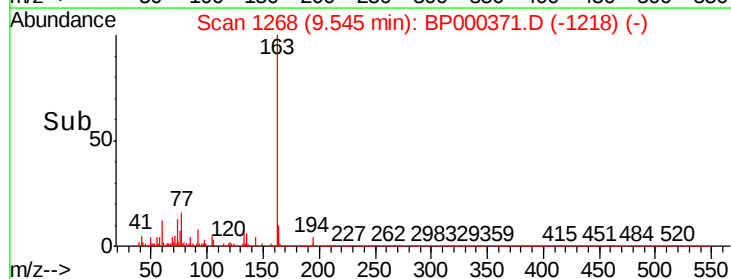
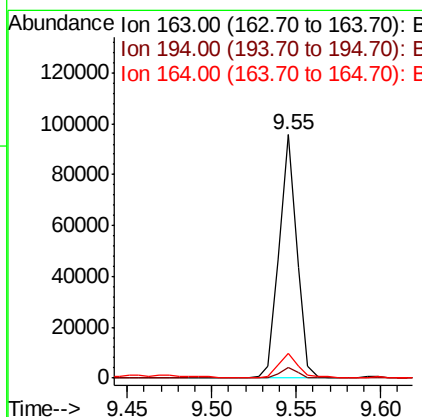
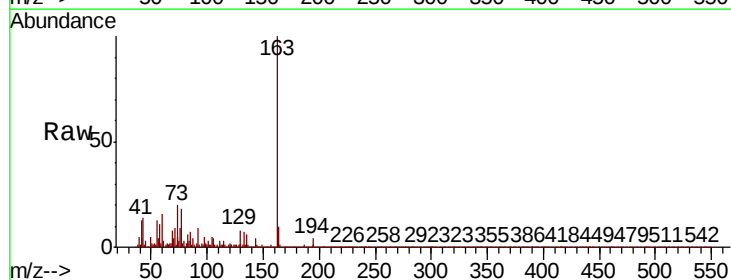
Instrument :
BNA_P
ClientSampleId :

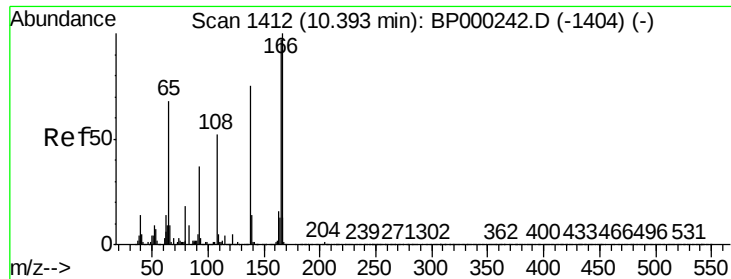
Tot Ion:172 Resp: 2437614
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.6 19.8 29.6



#50
Dimethylphthalate
Concen: 2.093 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Tgt Ion:163 Resp: 69705
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.5 12.7





#62

4-Nitroaniline

Concen: 31.774 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.18 min

Lab File: BP000371.D

Acq: 23 Sep 2019 19:28

Instrument :

BNA_P

ClientSampleId :

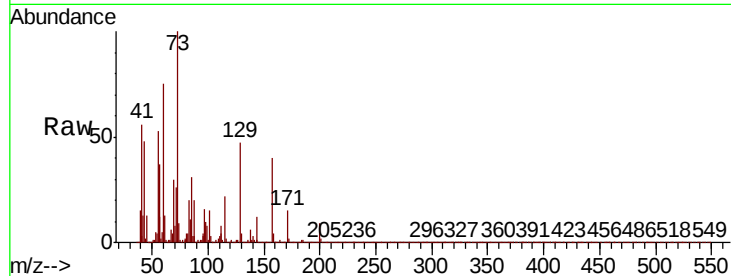
Tot Ion:138 Resp: 265581

Ion Ratio Lower Upper

138 100

92 2.1 30.1 70.1#

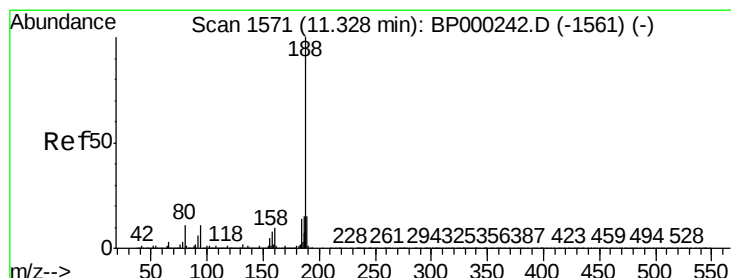
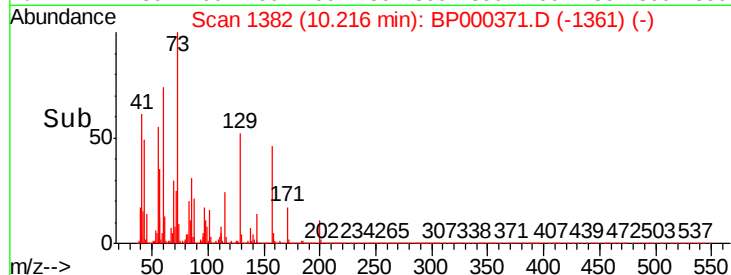
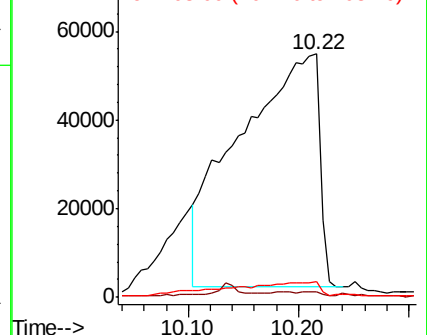
108 6.2 49.5 89.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BPO

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000371.D

Acq: 23 Sep 2019 19:28

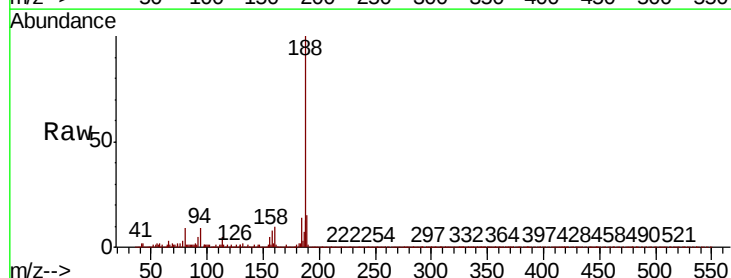
Tgt Ion:188 Resp: 830524

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

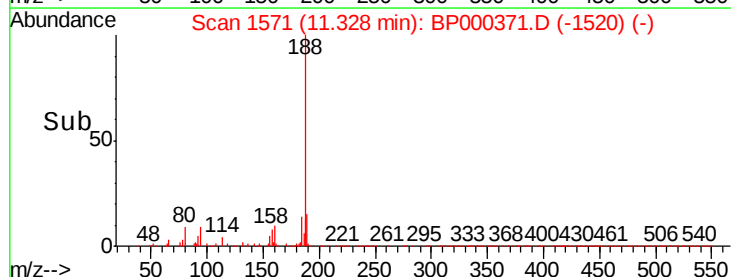
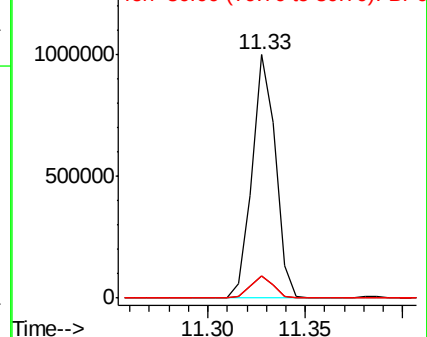
80 9.3 8.6 13.0

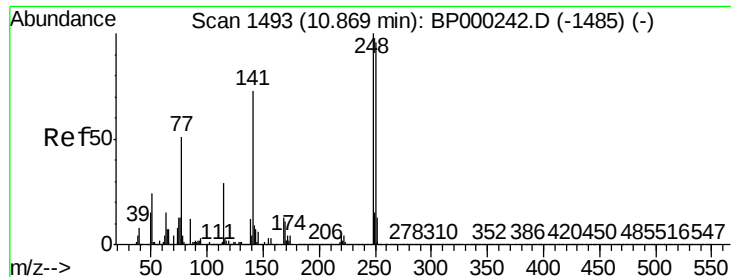


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO

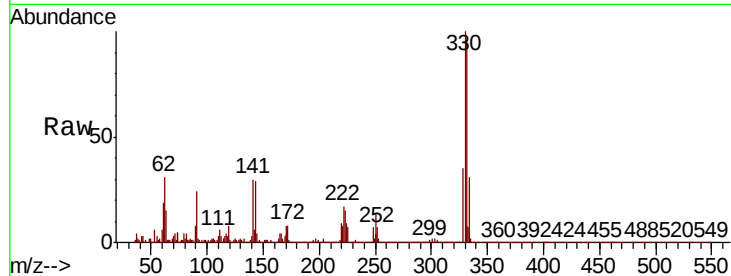




#67
4-Bromophenyl-phenylether
Concen: 3.193 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.3	77.0	115.4#
141	428.6	58.5	87.7#

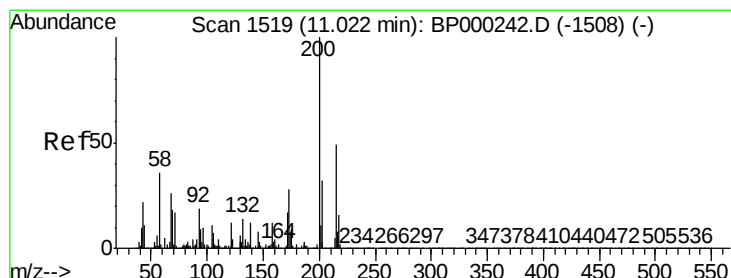
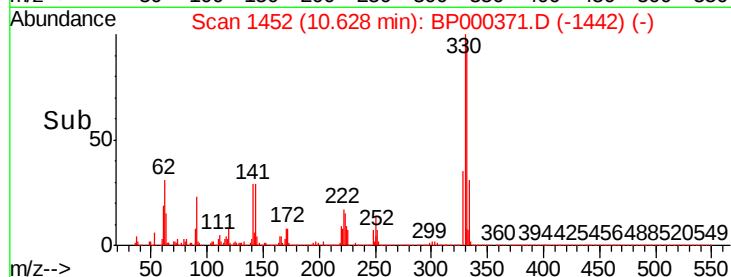
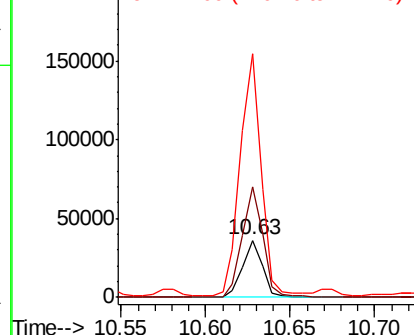


Abundance

Ion 248.00 (247.70 to 248.70): E

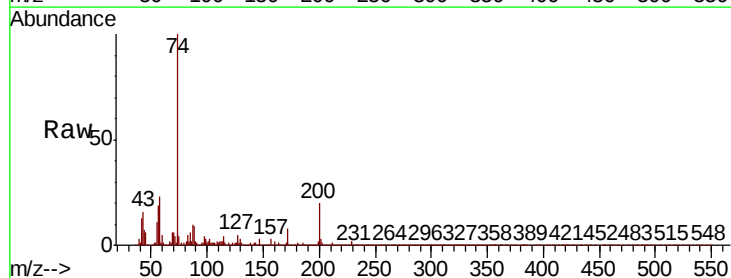
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#69
Atrazine
Concen: 23.059 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.15 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Tgt Ion	Ratio	Lower	Upper
200	100		
173	1.9	7.6	47.6#
215	0.2	28.6	68.6#

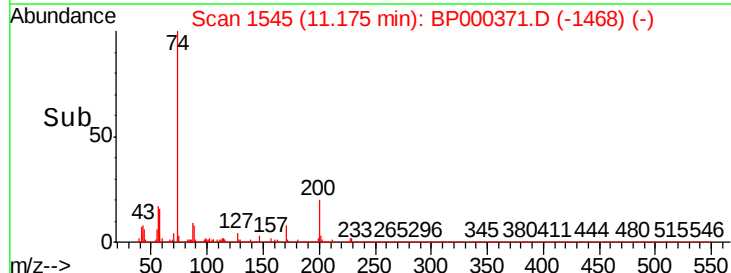
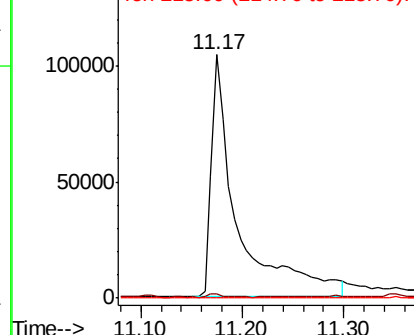


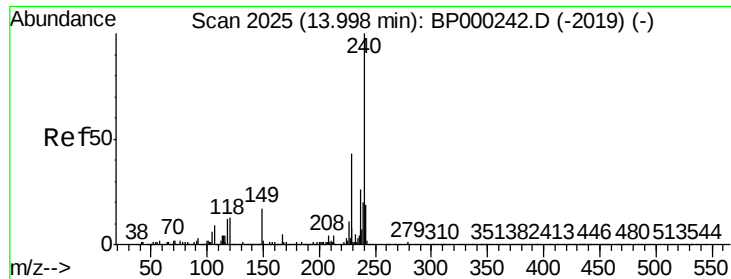
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

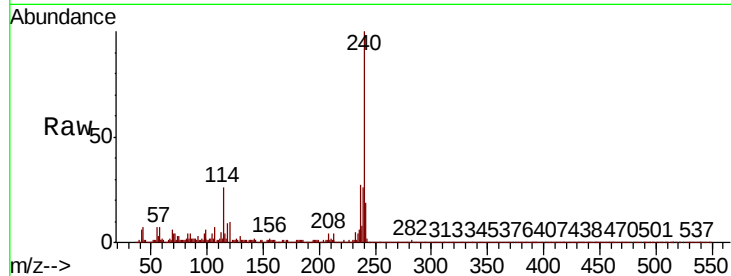




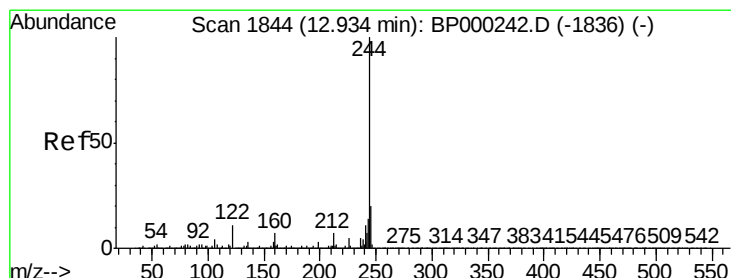
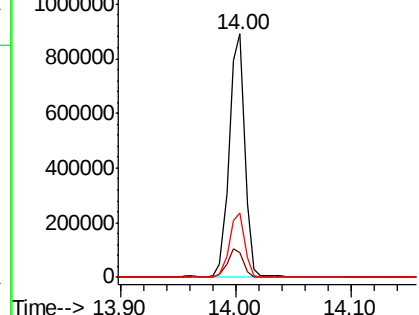
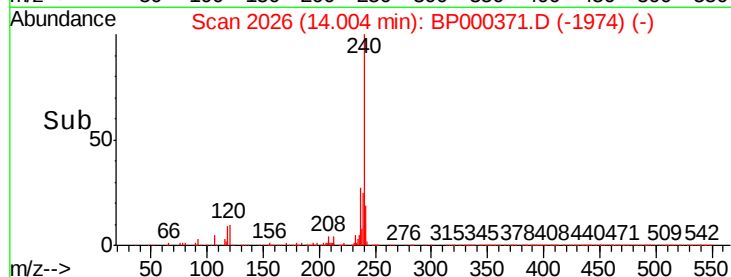
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BP000371.D
 Acq: 23 Sep 2019 19:28

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:240 Resp: 824805
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.4 15.6#
 236 26.6 21.0 31.6

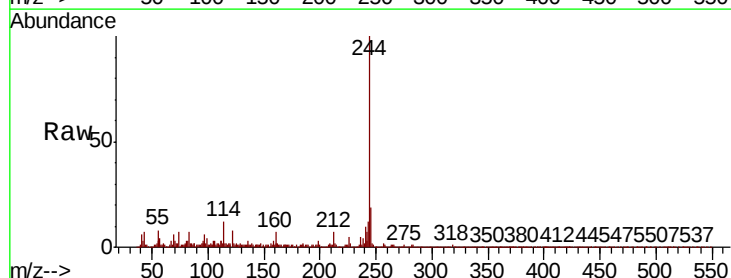


Abundance Ion 240.00 (239.70 to 240.70): E
 1200000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

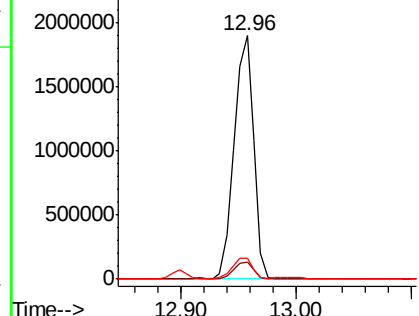
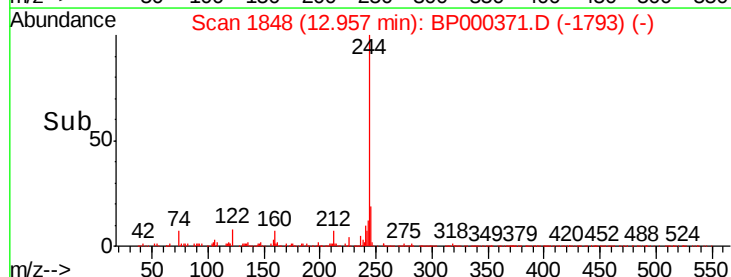


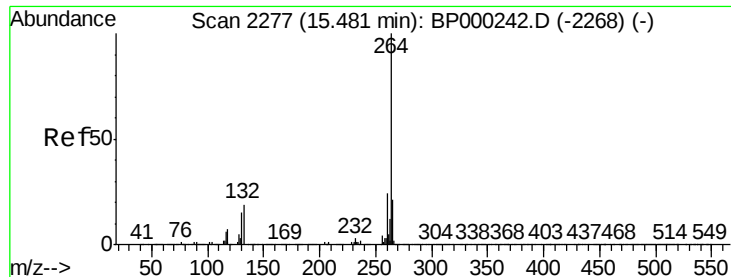
#79
 Terphenyl-d14
 Concen: 56.239 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.02 min
 Lab File: BP000371.D
 Acq: 23 Sep 2019 19:28

Tgt Ion:244 Resp: 2211130
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.4 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 2500000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

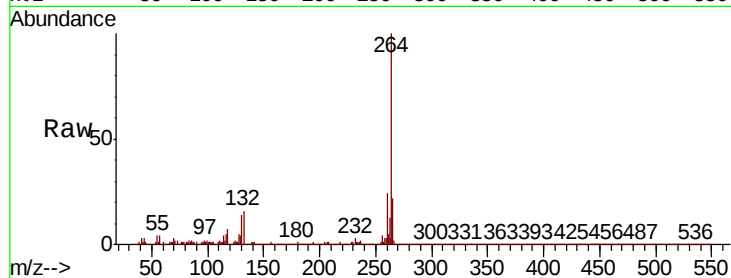




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000371.D
Acq: 23 Sep 2019 19:28

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	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

