

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000370.D
 Acq On : 23 Sep 2019 19:03
 Operator : HP/JU
 Sample : PB123244BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 04:22:05 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

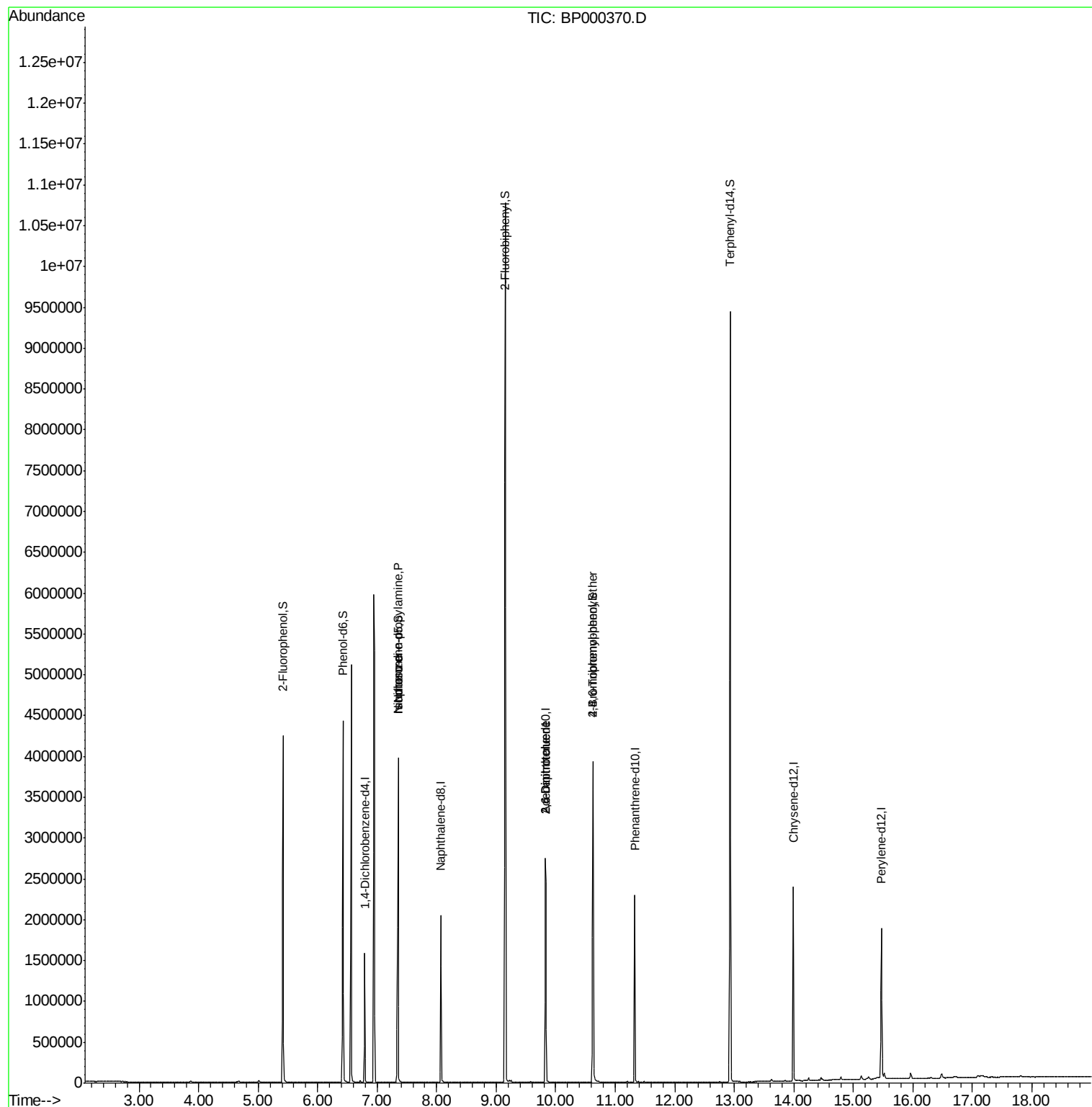
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	245126	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	895618	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	581604	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	864714	20.00	ng	0.00
76) Chrysene-d12	13.99	240	793327	20.00	ng	0.00
87) Perylene-d12	15.47	264	876629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1388846	97.81	ng	0.01
7) Phenol-d6	6.43	99	1720583	98.86	ng	0.00
23) Nitrobenzene-d5	7.35	82	1413039	101.79	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	556672	96.50	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3392638	104.99	ng	0.00
79) Terphenyl-d14	12.93	244	3637312	96.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2434	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.35	70	177007	19.235	ng	# 74
25) Isophorone	7.35	82	1412597	51.391	ng	# 63
51) 2,6-Dinitrotoluene	9.83	165	75493	8.665	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	75531	6.631	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	37992	3.885	ng	# 1
69) Atrazine	11.09	200	26	Below Cal		85

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

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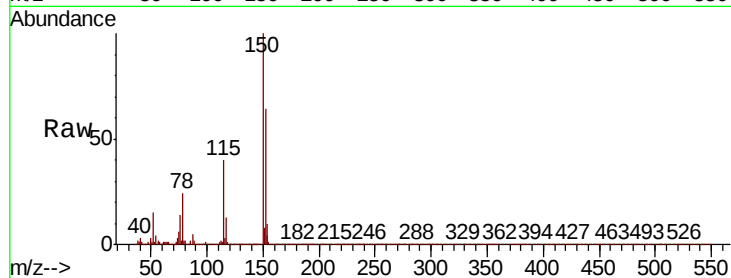


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.2	187.8
115	62.4	49.7	74.5

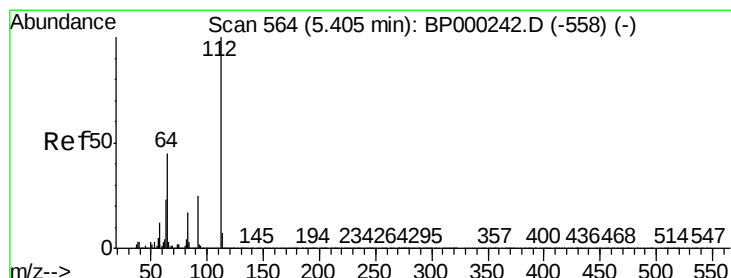
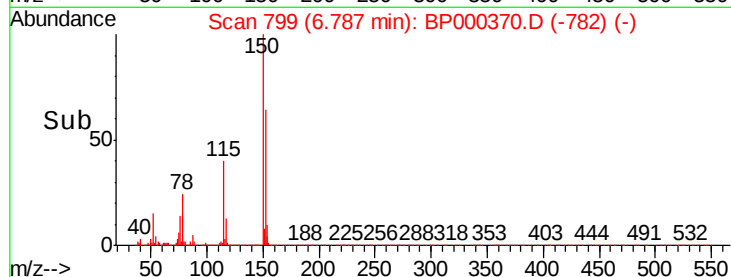
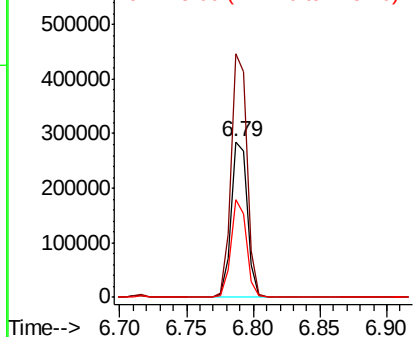


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

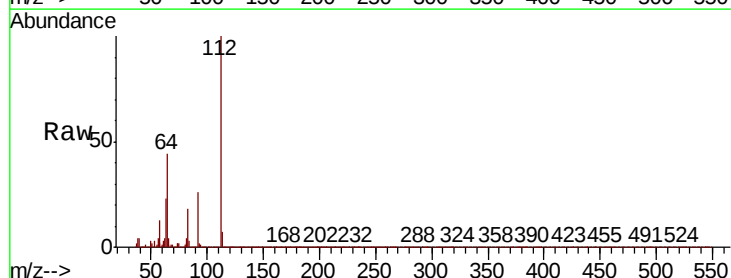
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.812 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.5	18.3	27.5

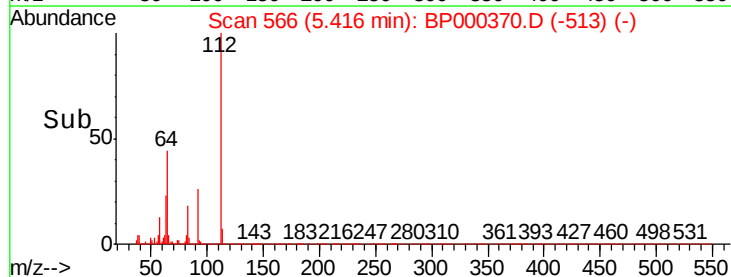
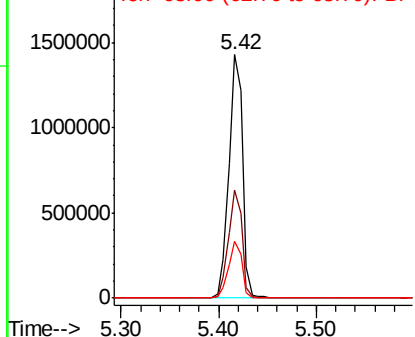


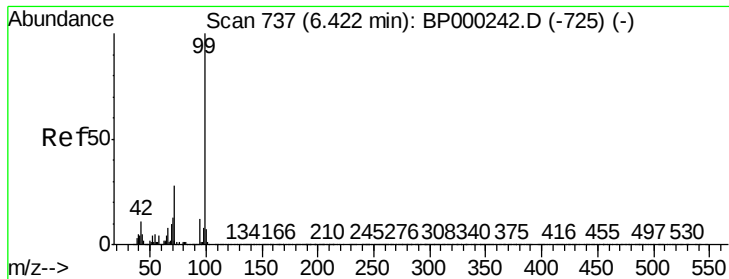
Abundance

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: 98.855 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000370.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_P

ClientSampled :

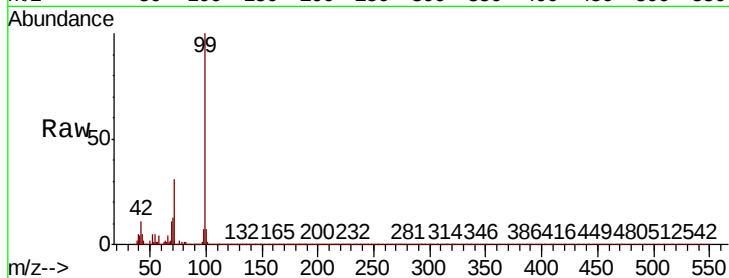
Tot Ion: 99 Resp: 1720583

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

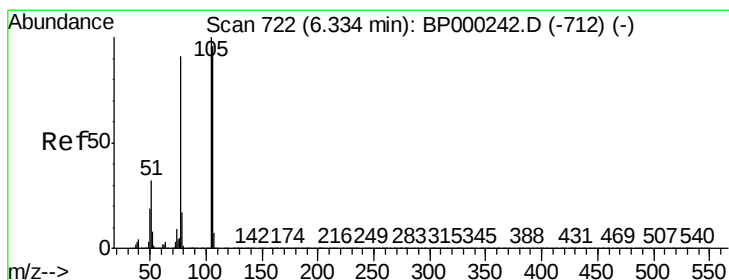
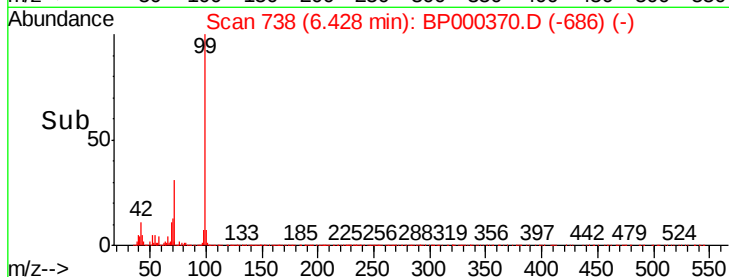
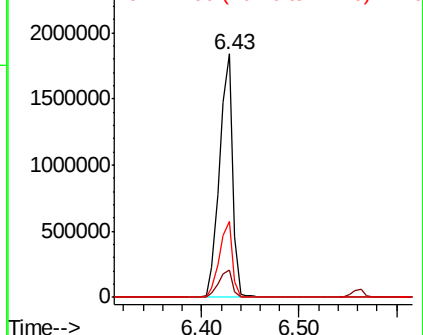
71 31.2 22.6 34.0



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: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000370.D

Acq: 23 Sep 2019 19:03

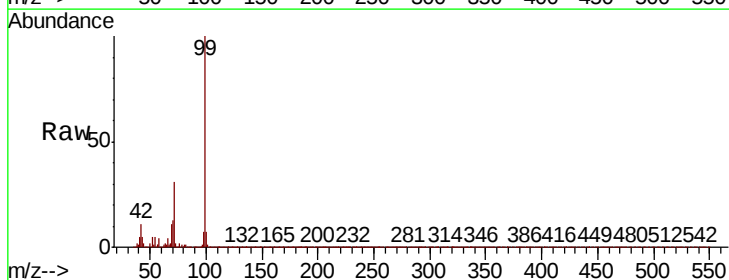
Tgt Ion: 77 Resp: 2434

Ion Ratio Lower Upper

77 100

105 6.9 89.6 129.6#

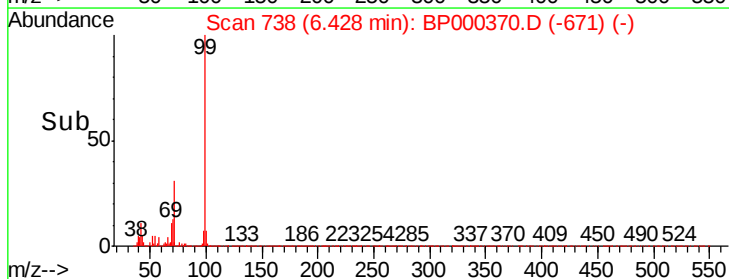
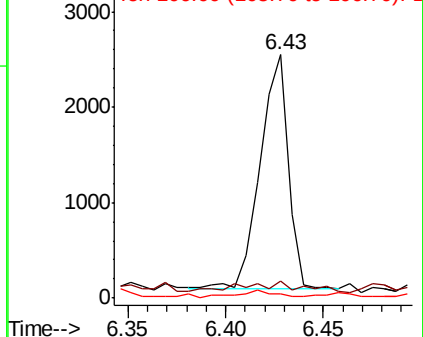
106 1.6 84.6 124.6#

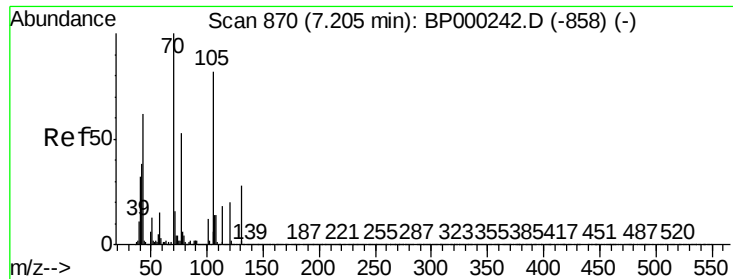


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

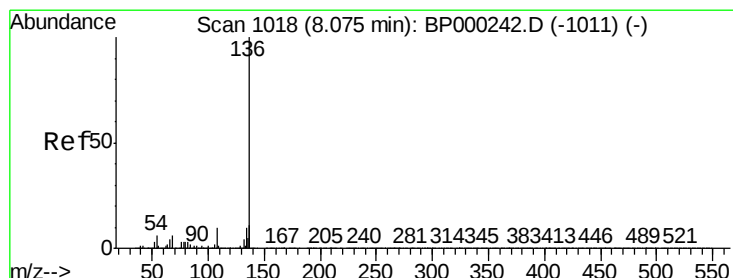
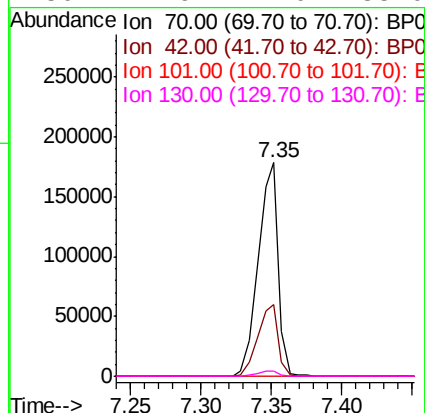
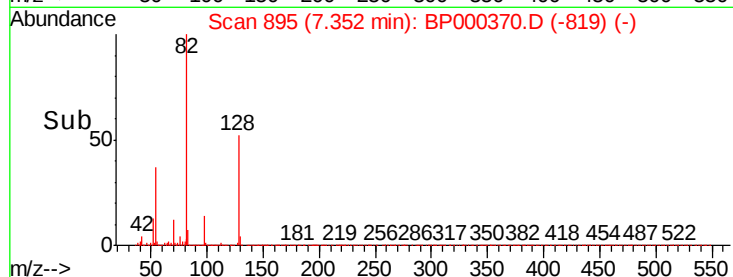
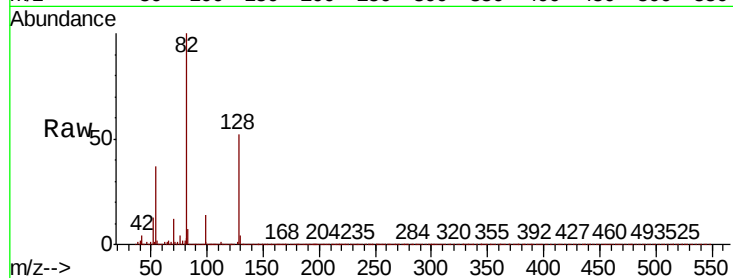




#19
n-Nitroso-di-n-propylamine
Concen: 19.235 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

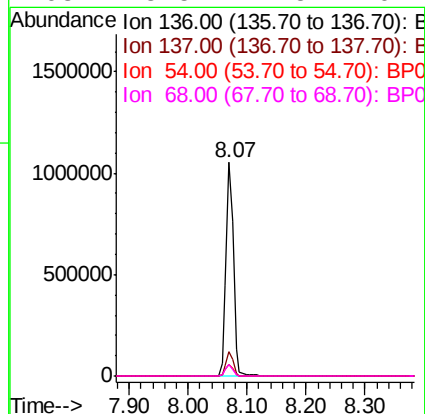
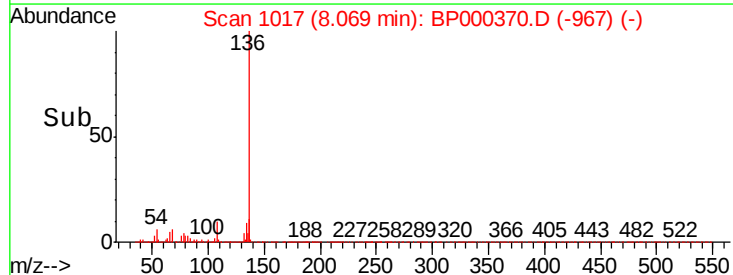
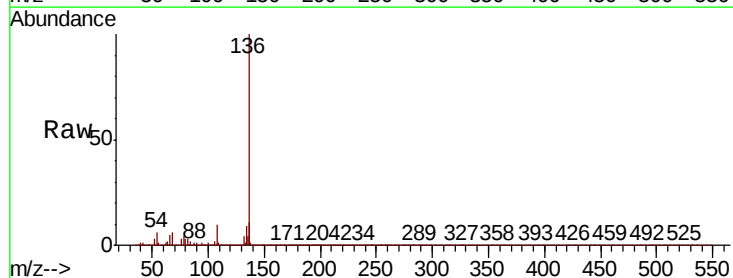
Instrument :
BNA_P
ClientSampleId :

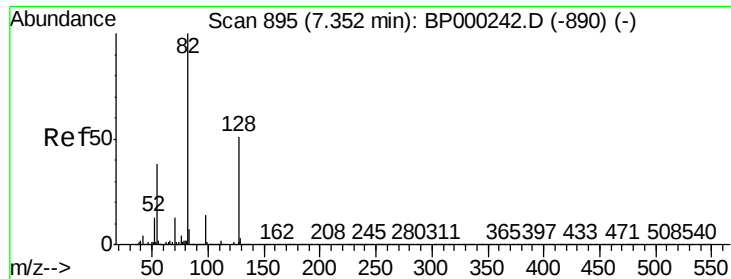
Tot Ion:	70	Resp:	177007
Ion	Ratio	Lower	Upper
70	100		
42	33.4	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Tgt Ion:	136	Resp:	895618
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.7	4.5	6.7
68	5.5	4.5	6.7

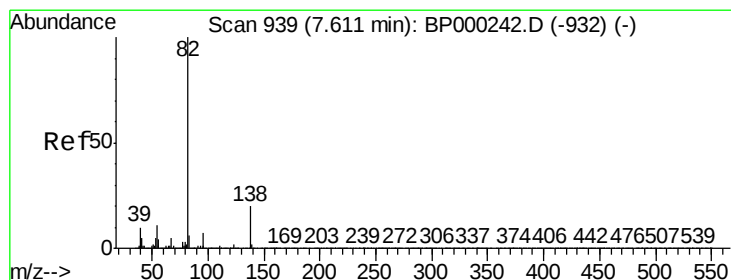
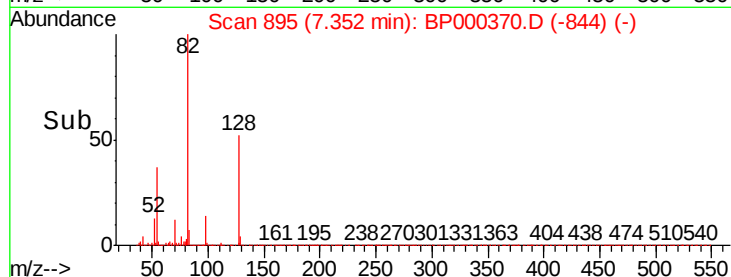
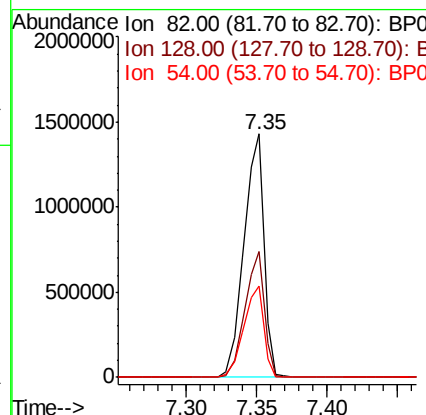
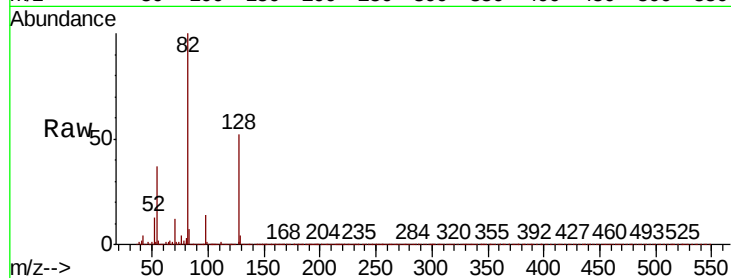




#23
Nitrobenzene-d5
Concen: 101.794 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

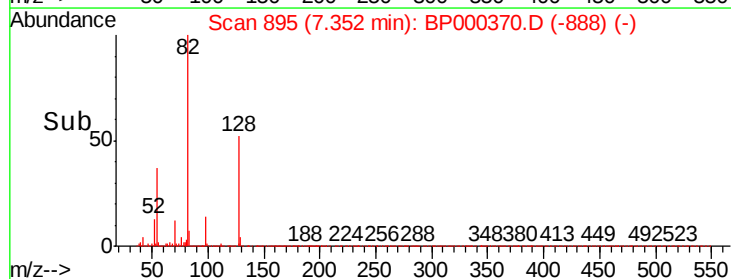
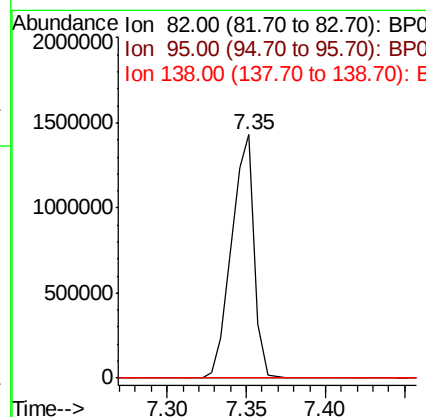
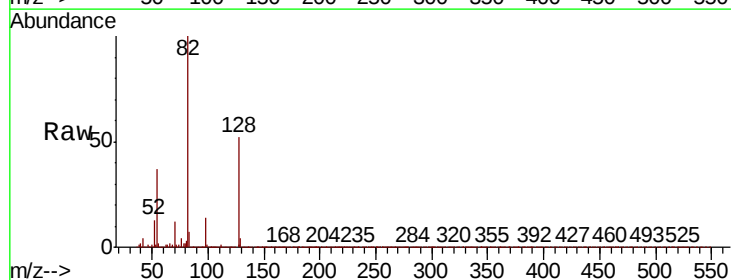
Instrument :
BNA_P
ClientSampleId :

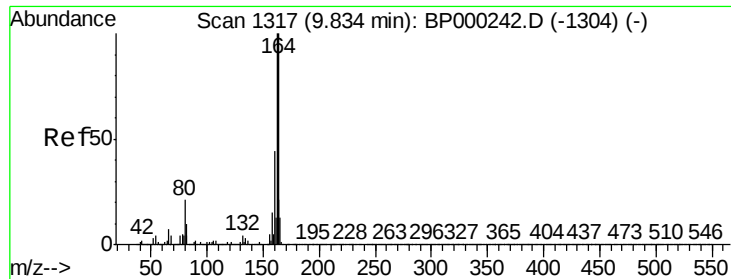
Tot Ion: 82 Resp: 1413039
Ion Ratio Lower Upper
82 100
128 51.5 40.7 61.1
54 37.3 30.1 45.1



#25
Isophorone
Concen: 51.391 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Tgt Ion: 82 Resp: 1412597
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

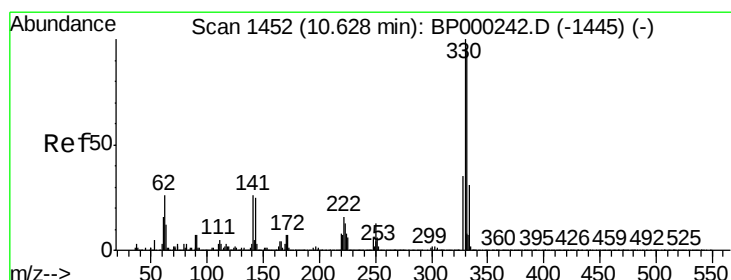
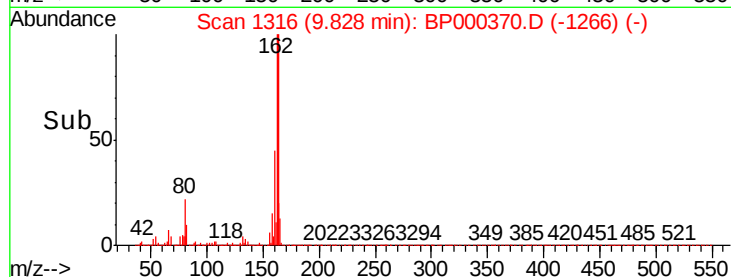
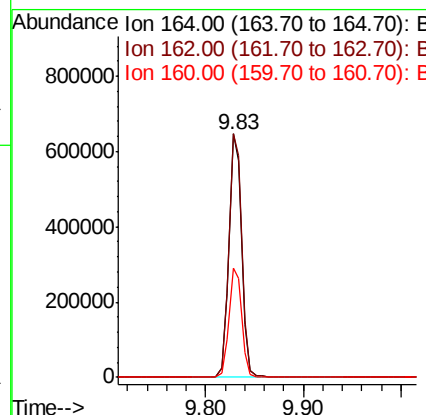
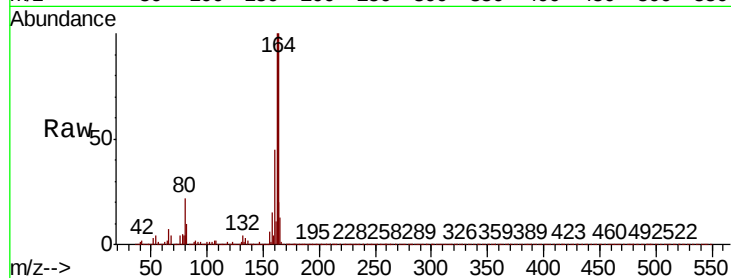




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

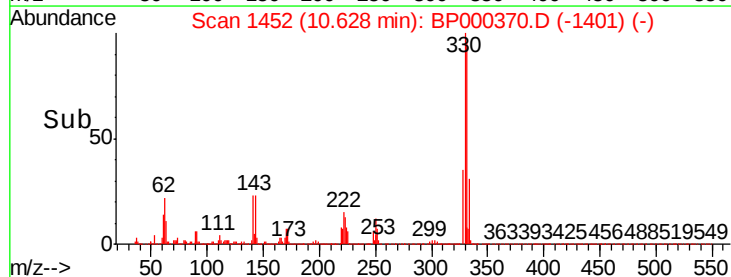
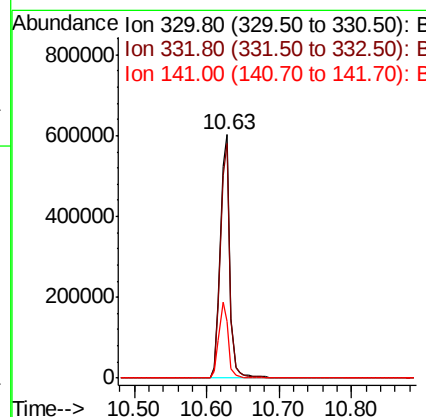
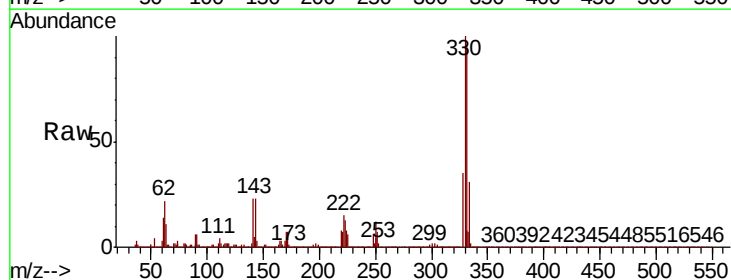
Instrument :
BNA_P
ClientSampleId :

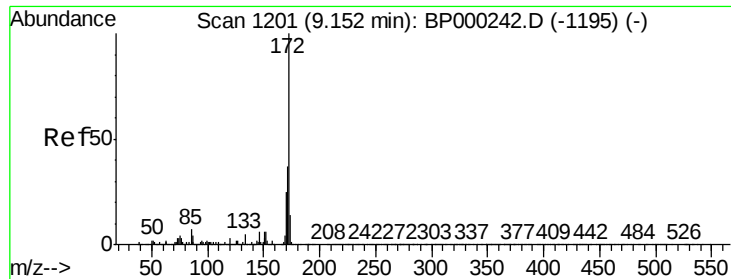
Tot Ion:164 Resp: 581604
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 44.8 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 96.498 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Tgt Ion:330 Resp: 556672
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 30.9 26.5 39.7

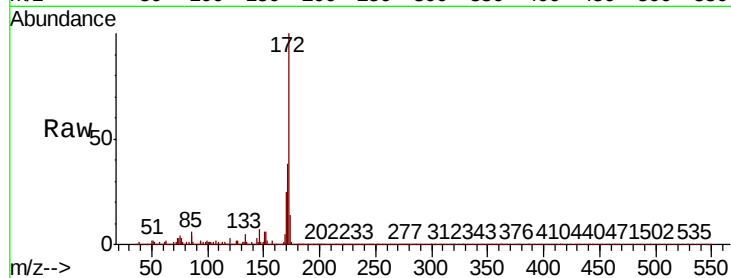




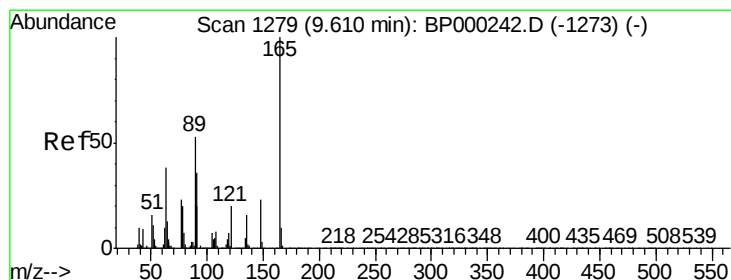
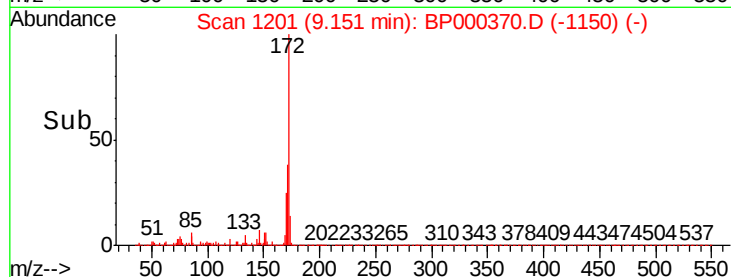
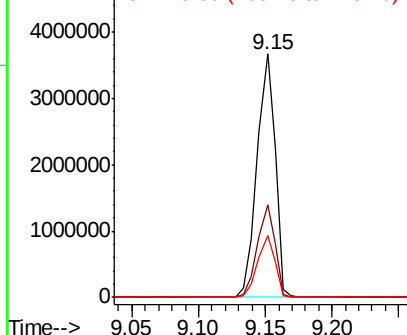
#45
2-Fluorobiphenyl
Concen: 104.987 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 3392638
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 25.4 19.8 29.6

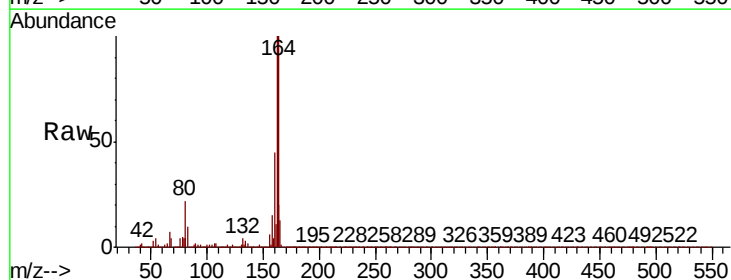


Abundance Ion 172.00 (171.70 to 172.70): E
5000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

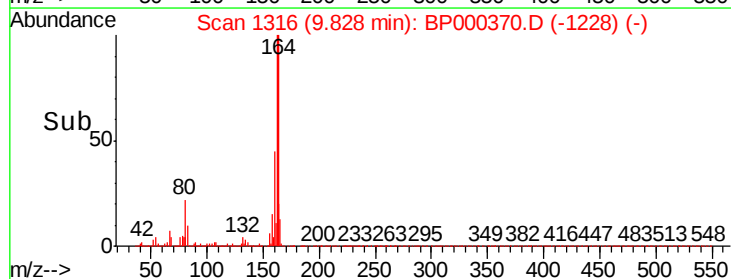
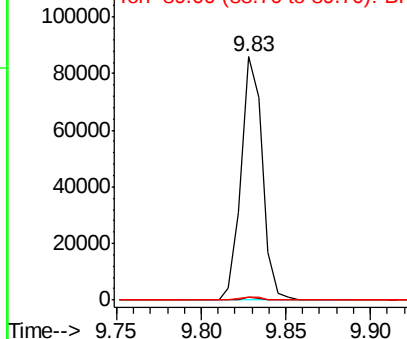


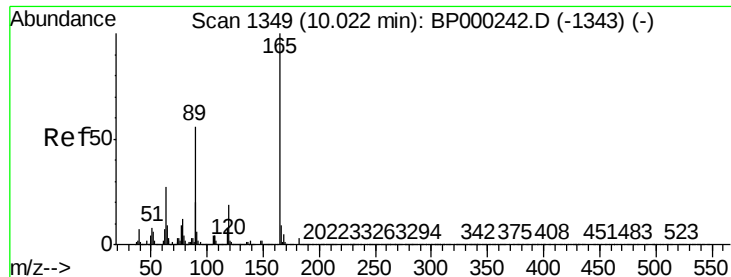
#51
2,6-Dinitrotoluene
Concen: 8.665 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Tgt Ion:165 Resp: 75493
Ion Ratio Lower Upper
165 100
63 1.1 35.8 53.8#
89 1.2 42.6 63.8#



Abundance Ion 165.00 (164.70 to 165.70): E
120000 Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

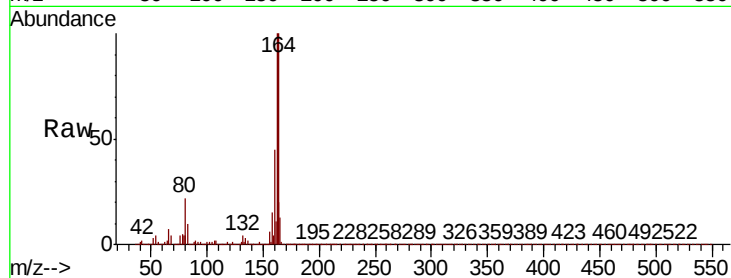




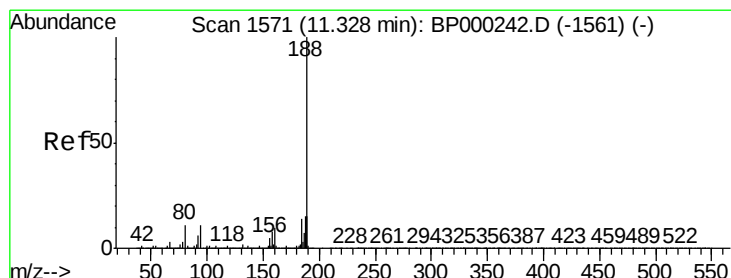
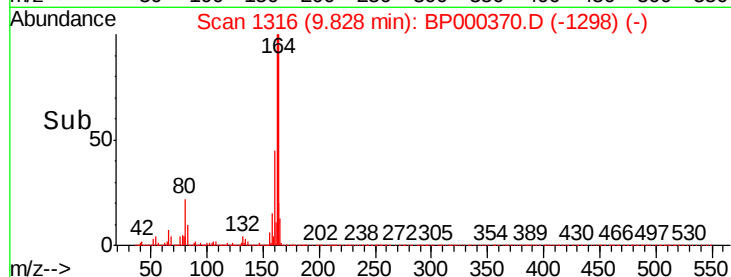
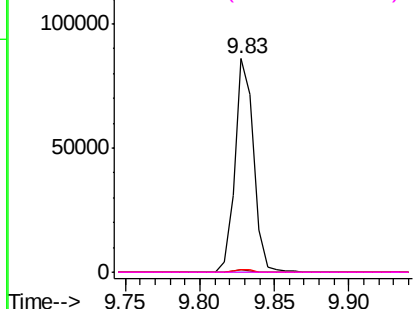
#57
 2,4-Dinitrotoluene
 Concen: 6.631 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:165 Resp: 75531
 Ion Ratio Lower Upper
 165 100
 63 1.1 21.7 32.5#
 89 1.2 45.0 67.6#
 182 0.0 2.4 3.6#

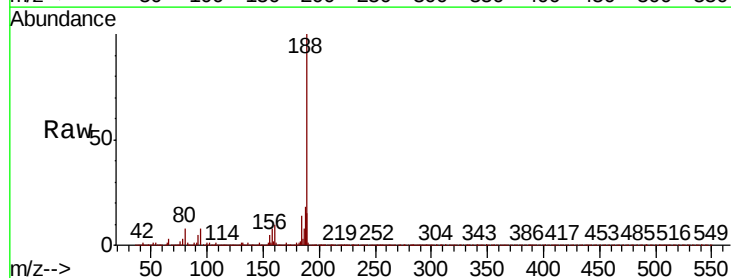


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 89.00 (88.70 to 89.70): BP0
 Ion 182.00 (181.70 to 182.70): E

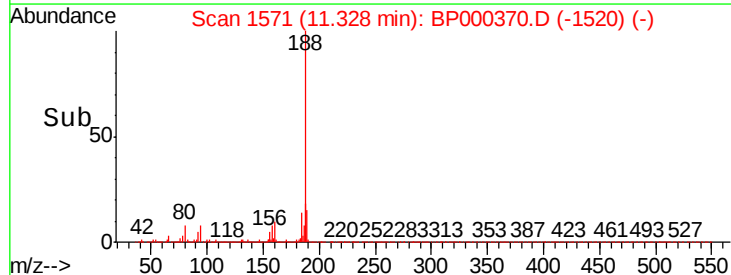
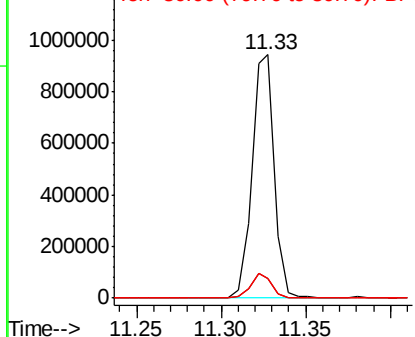


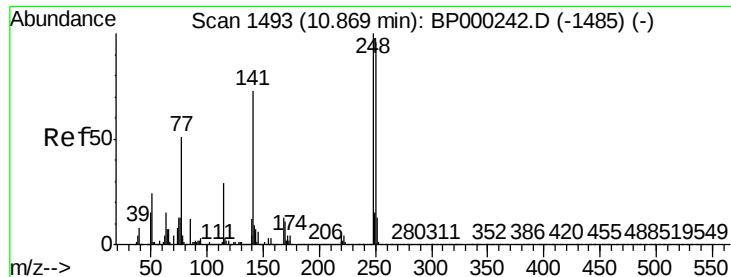
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Tgt Ion:188 Resp: 864714
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 8.2 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

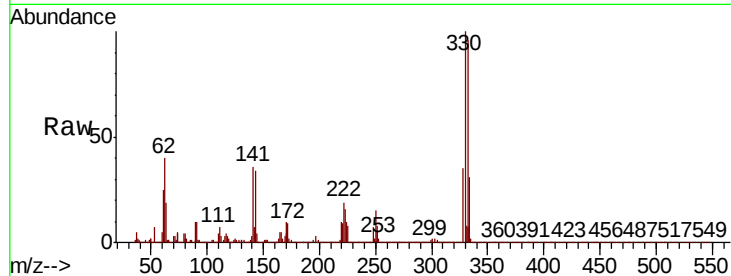




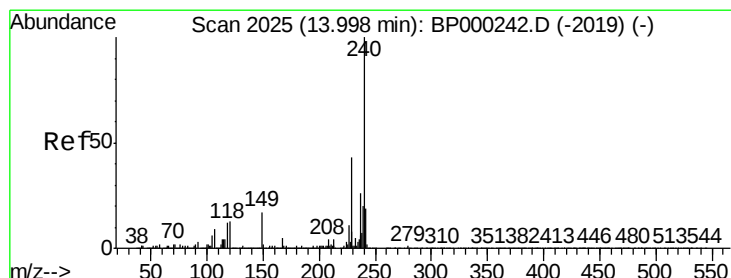
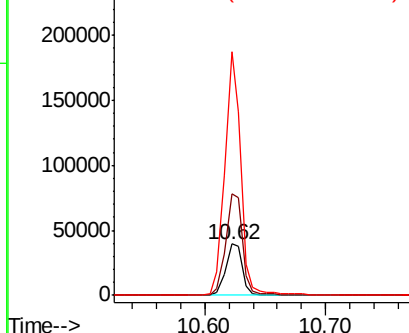
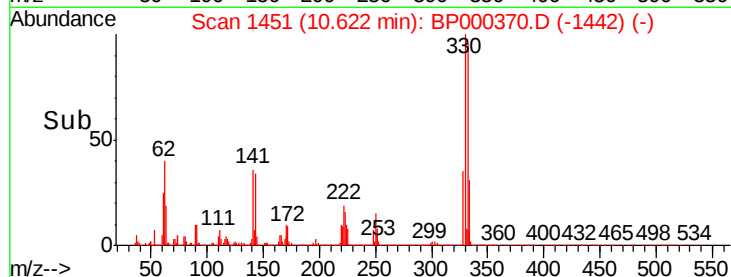
#67
 4-Bromophenyl-phenylether
 Concen: 3.885 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:248 Resp: 37992
 Ion Ratio Lower Upper
 248 100
 250 197.9 77.0 115.4#
 141 477.4 58.5 87.7#

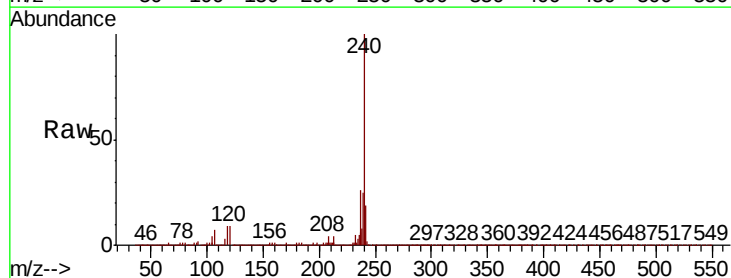


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

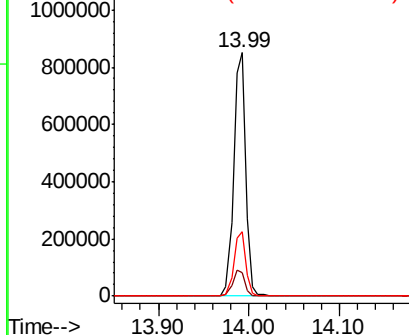
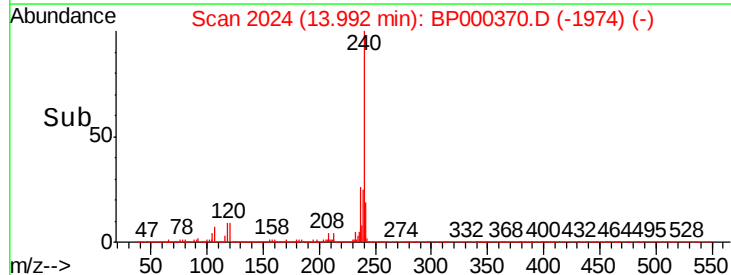


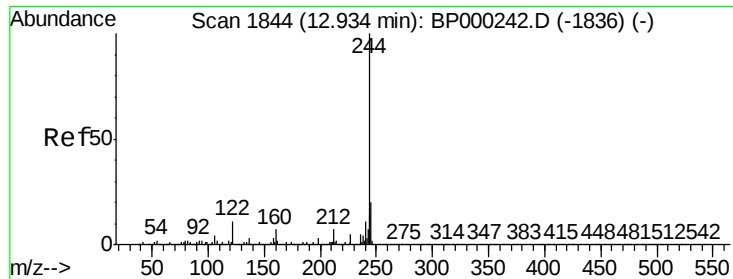
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Tgt Ion:240 Resp: 793327
 Ion Ratio Lower Upper
 240 100
 120 9.5 10.4 15.6#
 236 26.4 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

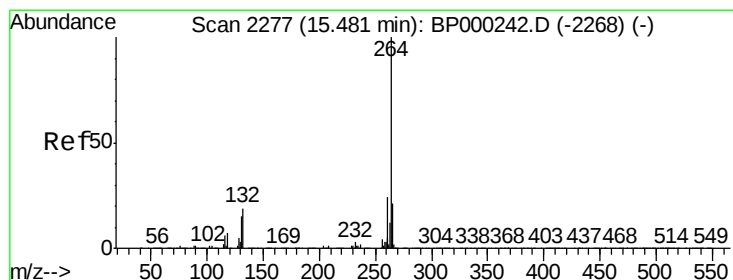
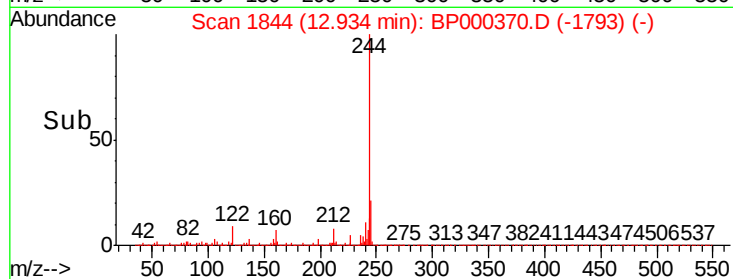
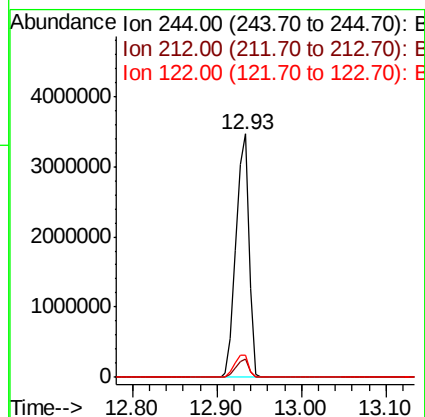
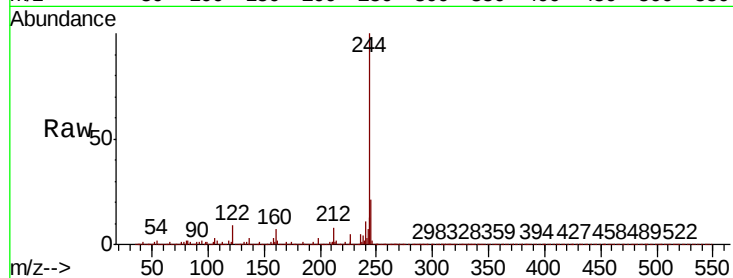




#79
 Terphenyl-d14
 Concen: 96.184 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 3637312
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.3 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Tgt Ion:264 Resp: 876629
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.4 17.2 25.8

