

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000291.D
 Acq On : 18 Sep 2019 12:14
 Operator : HP/JU
 Sample : PB123079BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 03:15:39 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

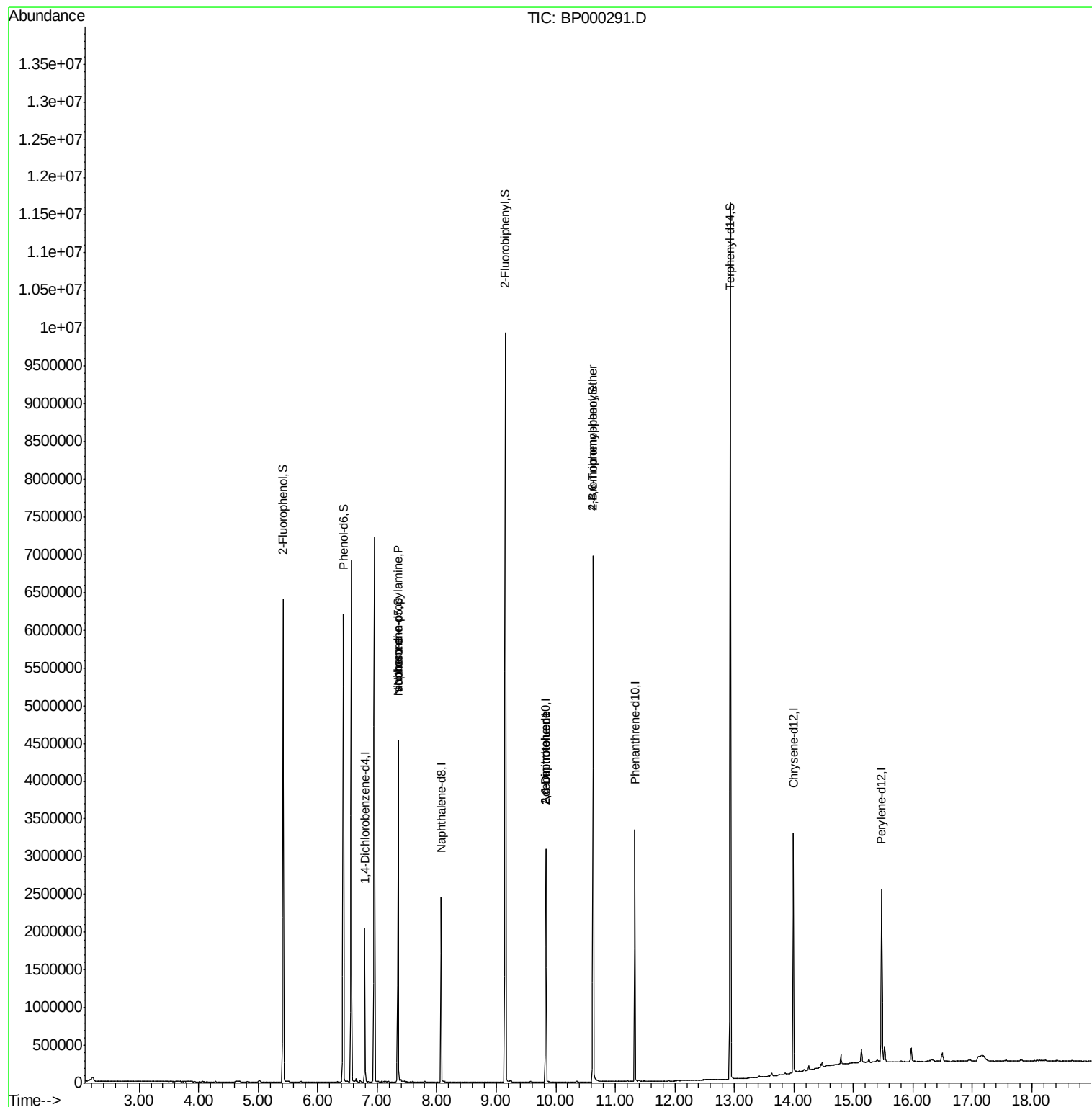
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	287661	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1036535	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	578304	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1096557	20.00	ng	0.00
76) Chrysene-d12	13.99	240	976717	20.00	ng	0.00
87) Perylene-d12	15.47	264	1045579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2166039	129.99	ng	0.02
7) Phenol-d6	6.43	99	2667536	130.60	ng	0.01
23) Nitrobenzene-d5	7.35	82	1557784	96.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	957839	166.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3377165	105.10	ng	0.00
79) Terphenyl-d14	12.93	244	4330613	93.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	46918	Below Cal		Qvalue 85
19) n-Nitroso-di-n-propylamine	7.35	70	191566	17.739 ng	#	75
25) Isophorone	7.35	82	1556672	48.934 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	76357	8.814 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	76377	6.744 ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	65144	5.254 ng	#	1
69) Atrazine	11.02	200	57	Below Cal	#	1

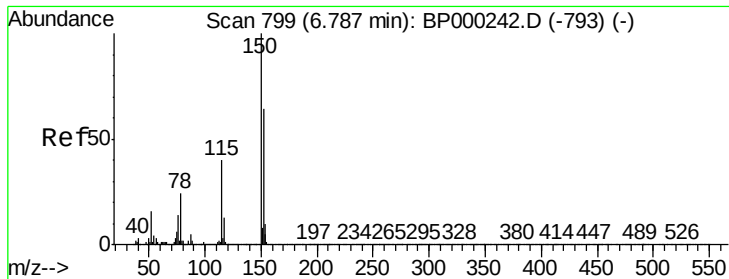
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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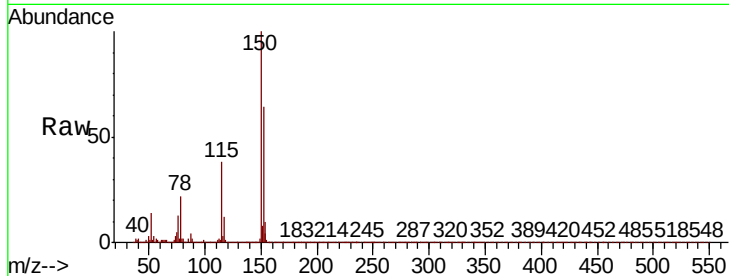


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.2	187.8
115	59.5	49.7	74.5

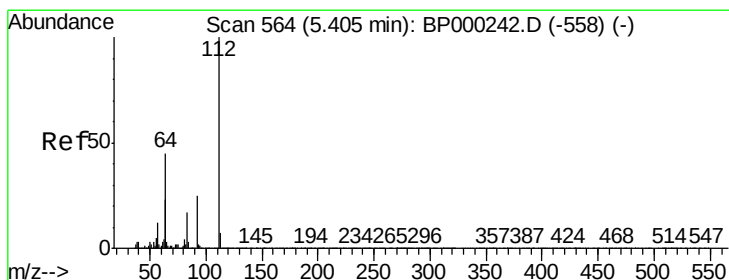
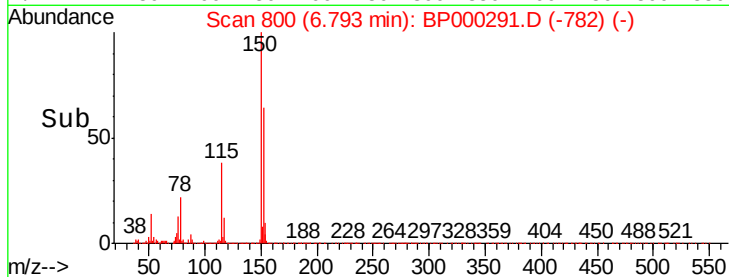
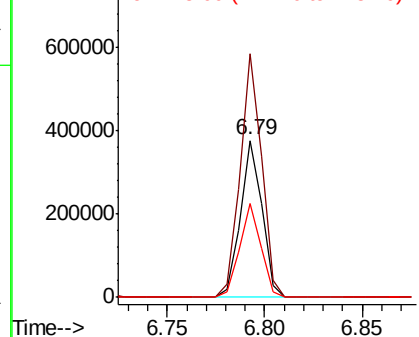


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

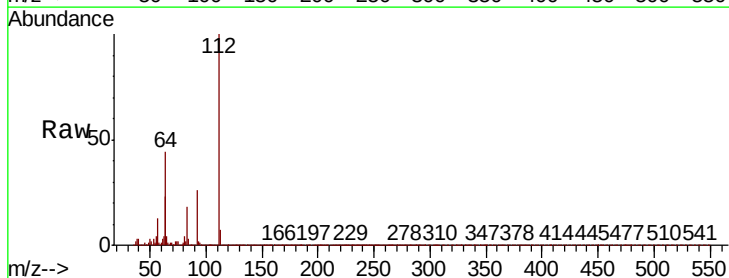
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.991 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.0	36.2	54.4
63	23.4	18.3	27.5

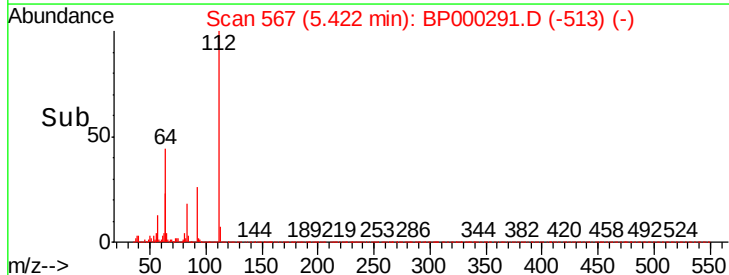
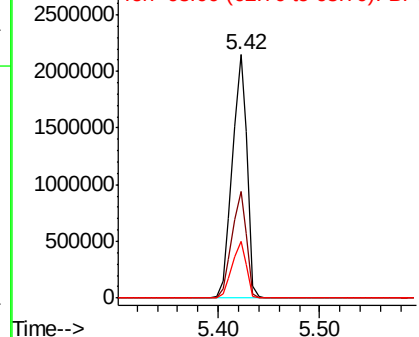


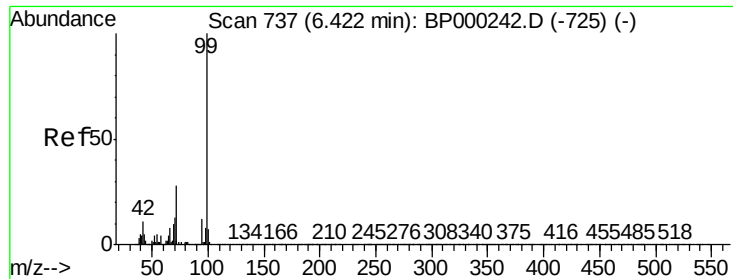
Abundance

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: 130.600 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000291.D

Acq: 18 Sep 2019 12:14

Instrument :

BNA_P

ClientSampleId :

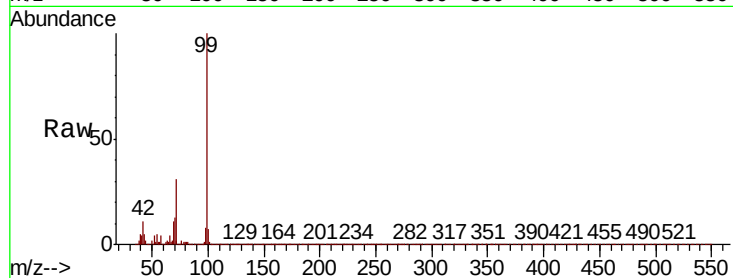
Tot Ion: 99 Resp: 2667536

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

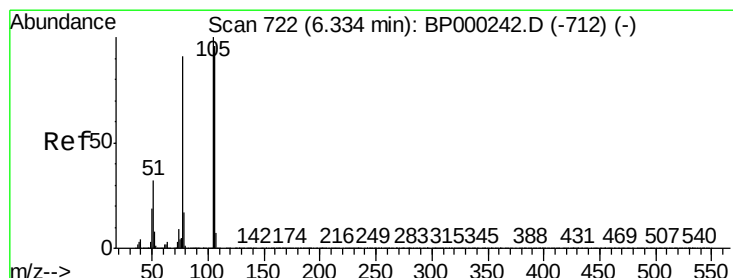
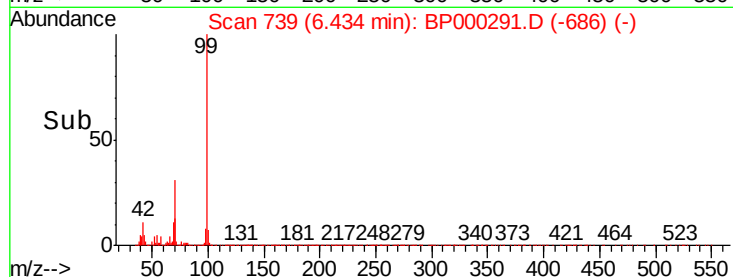
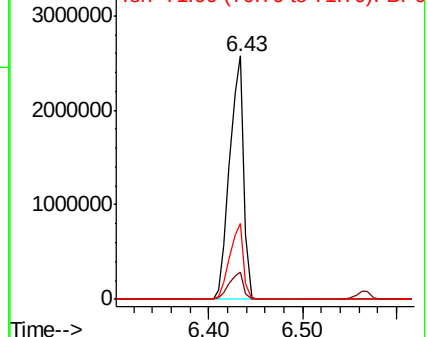
71 31.2 22.6 34.0



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: 6.57 min Scan# 762

Delta R.T. 0.24 min

Lab File: BP000291.D

Acq: 18 Sep 2019 12:14

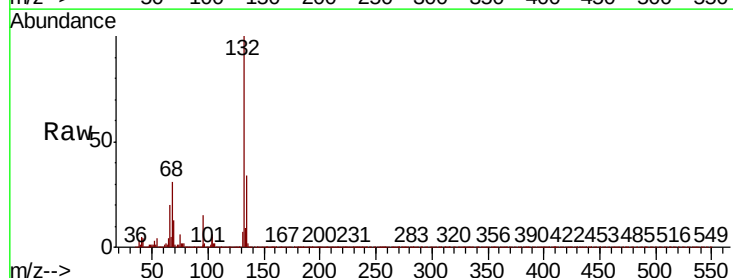
Tgt Ion: 77 Resp: 46918

Ion Ratio Lower Upper

77 100

105 95.5 89.6 129.6

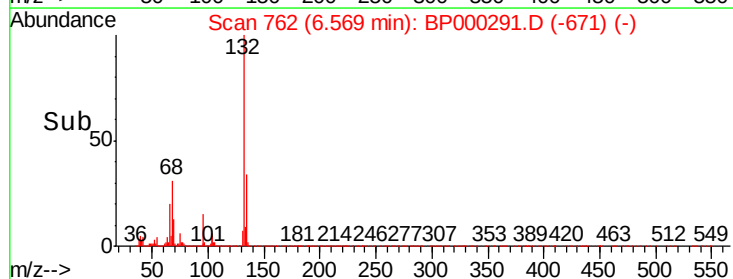
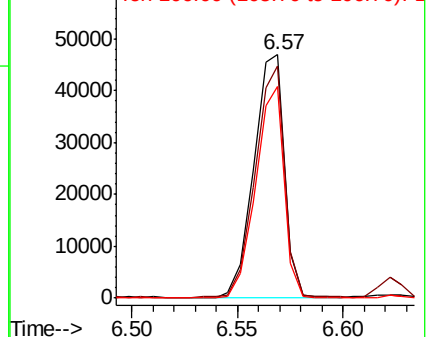
106 86.7 84.6 124.6

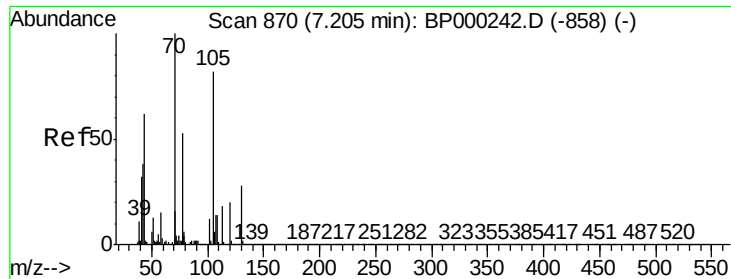


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

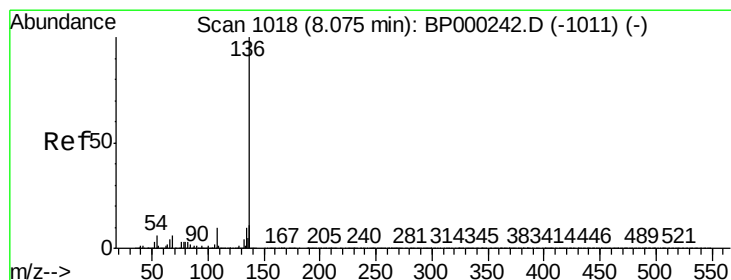
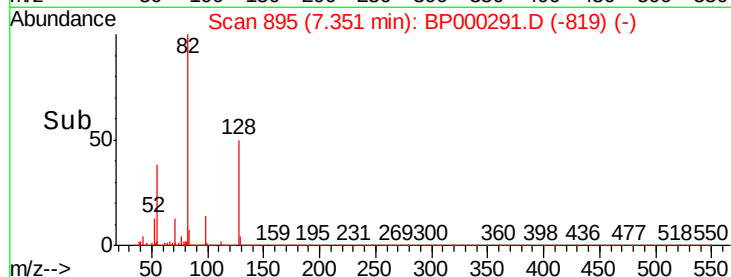
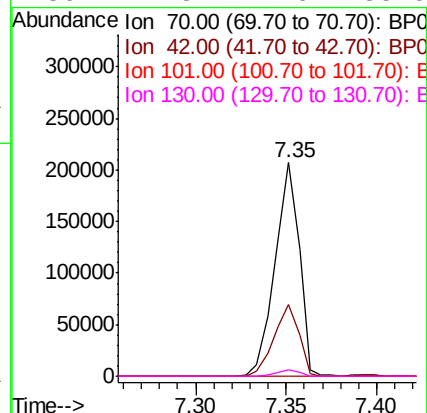
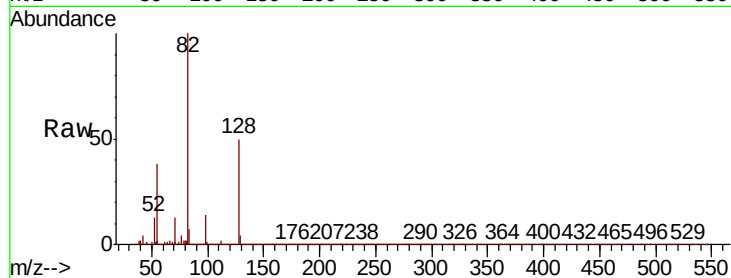




#19
n-Nitroso-di-n-propylamine
Concen: 17.739 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

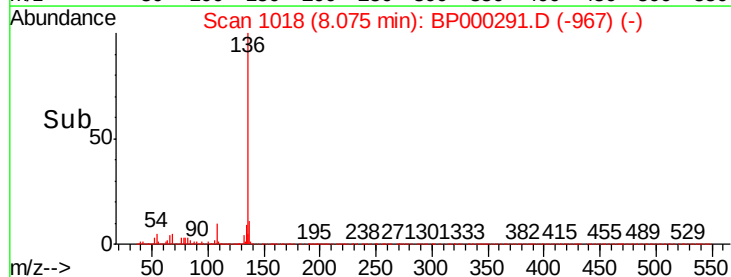
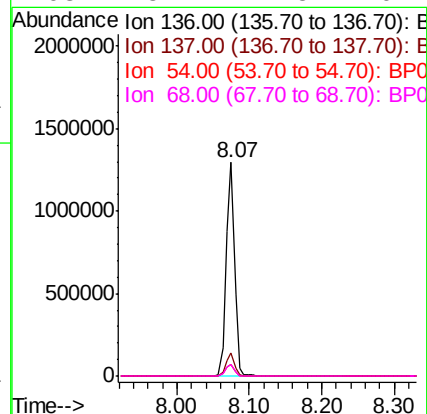
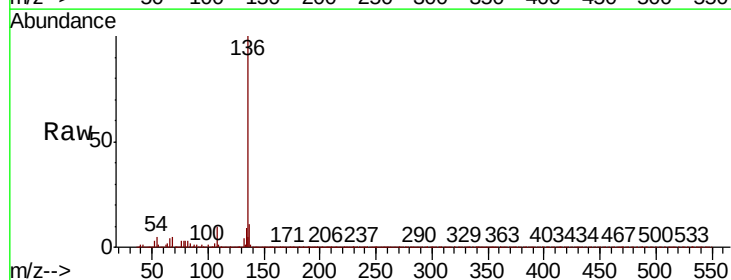
Instrument :
BNA_P
ClientSampleId :

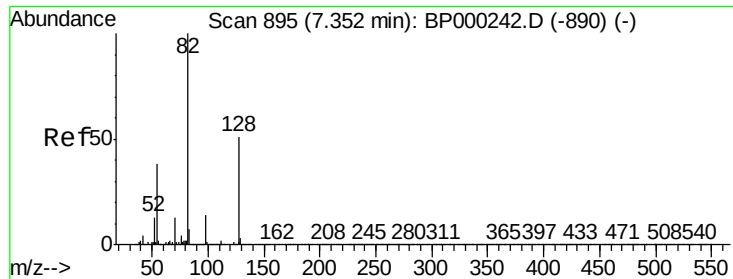
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	33.8	30.7	46.1	
101	0.0	9.6	14.4	
130	2.8	22.0	33.0	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.0	8.6	13.0	
54	5.2	4.5	6.7	
68	5.1	4.5	6.7	

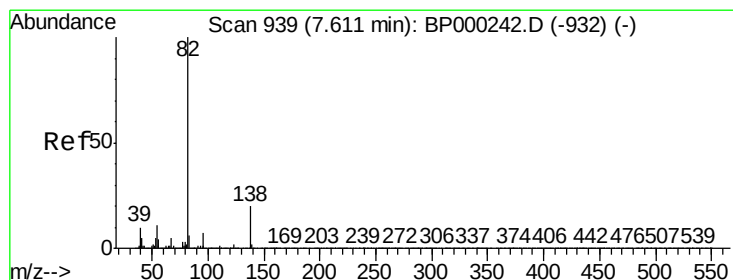
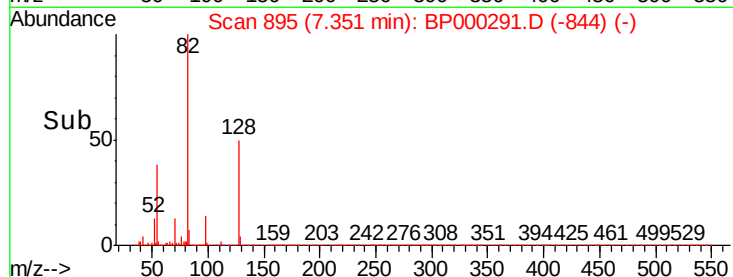
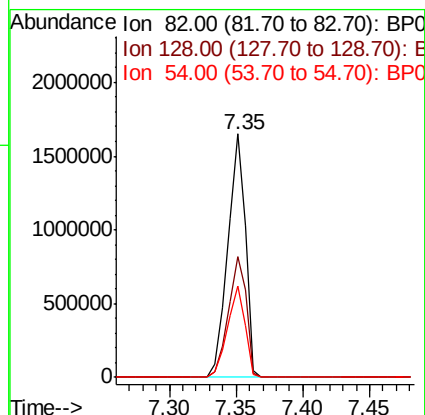
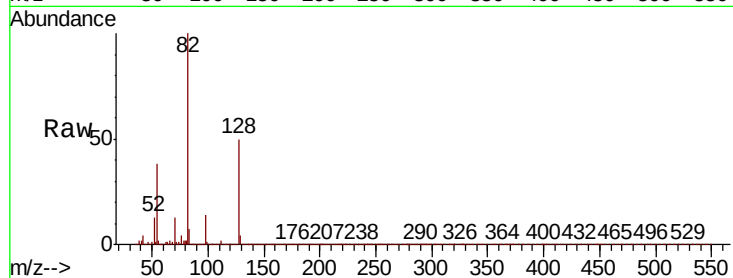




#23
Nitrobenzene-d5
Concen: 96.965 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

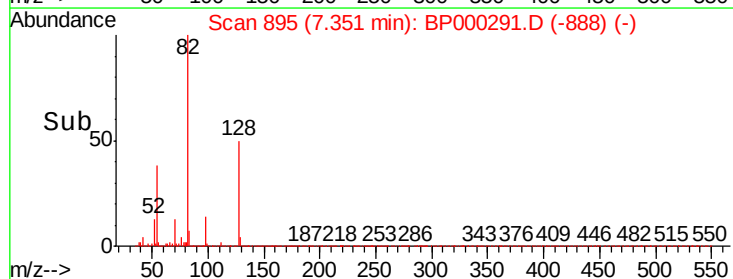
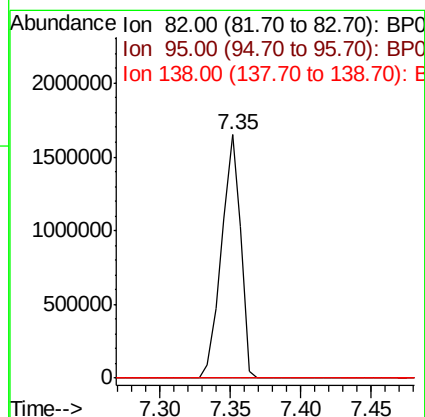
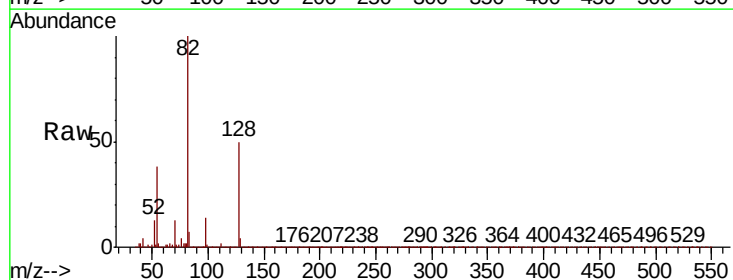
Instrument :
BNA_P
ClientSampled :

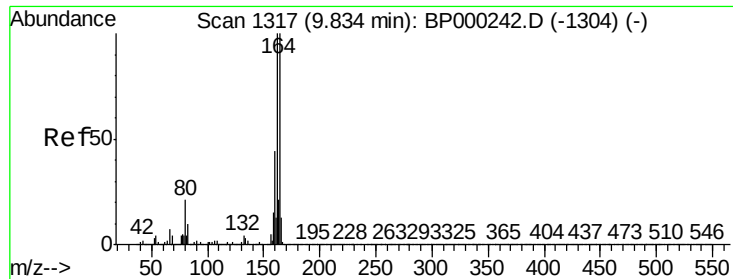
Tot Ion: 82 Resp: 1557784
Ion Ratio Lower Upper
82 100
128 49.8 40.7 61.1
54 37.6 30.1 45.1



#25
Isophorone
Concen: 48.934 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Tgt Ion: 82 Resp: 1556672
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

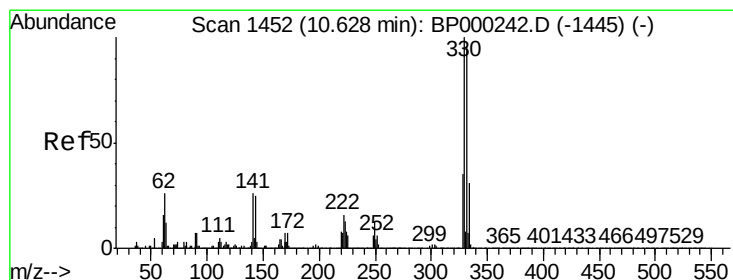
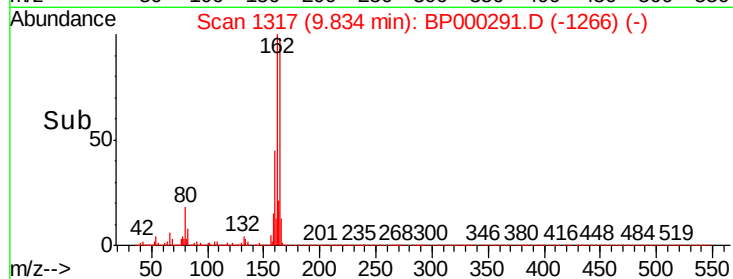
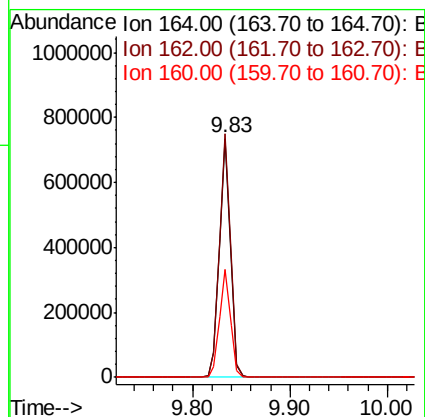
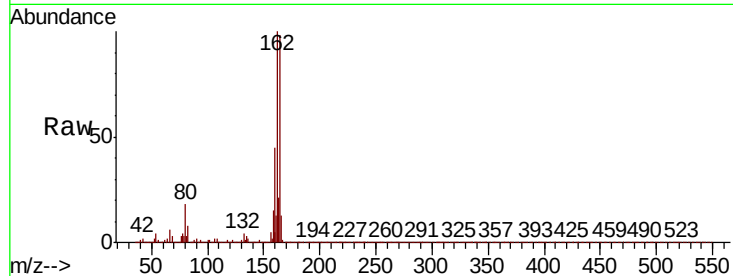




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

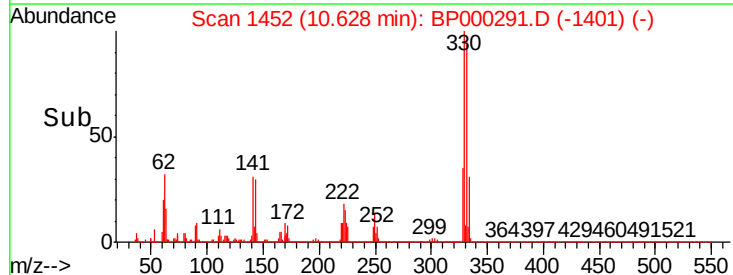
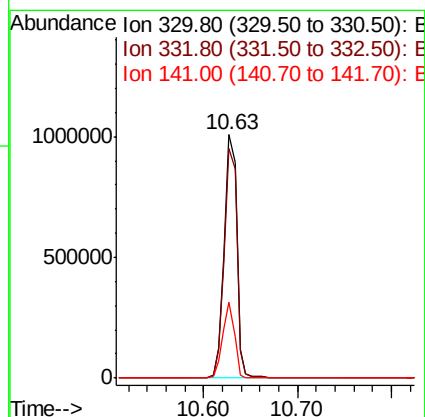
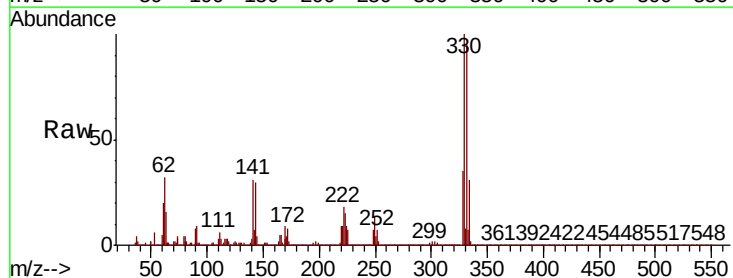
Instrument :
BNA_P
ClientSampleId :

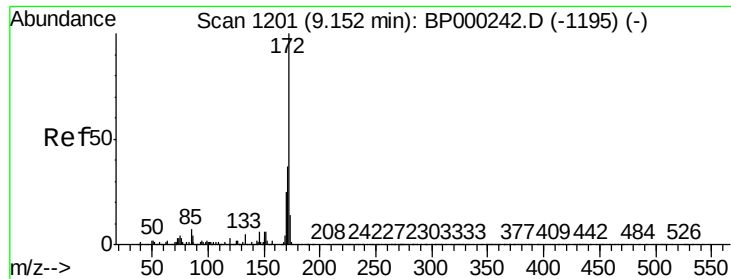
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	45.4	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 166.987 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	29.6	26.5	39.7

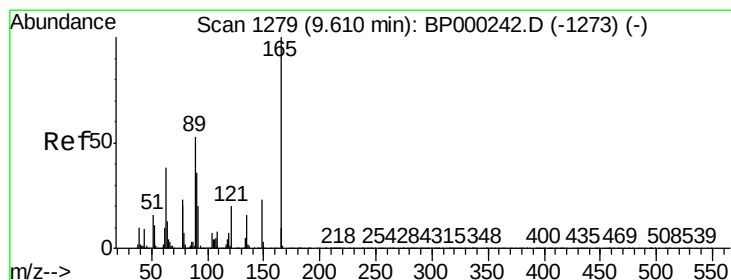
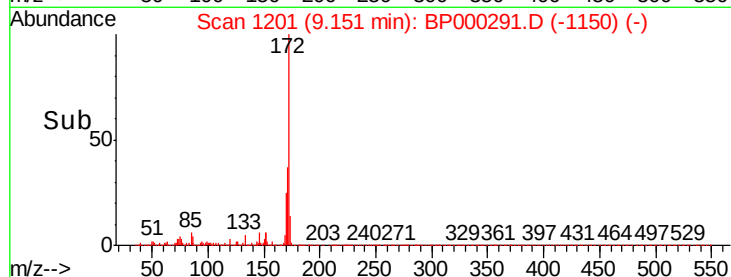
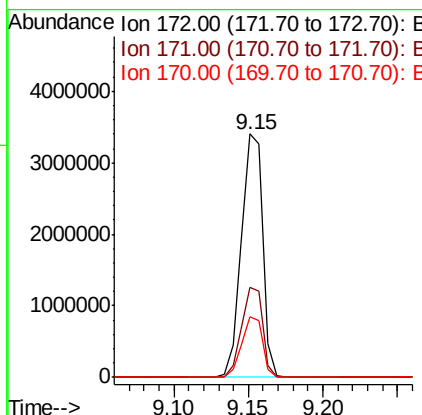
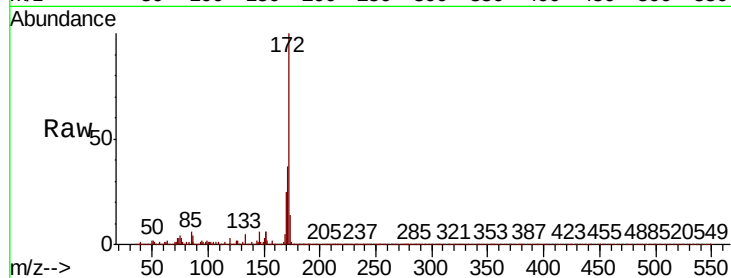




#45
2-Fluorobiphenyl
Concen: 105.105 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

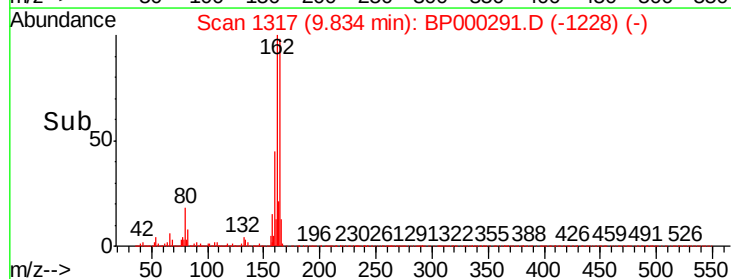
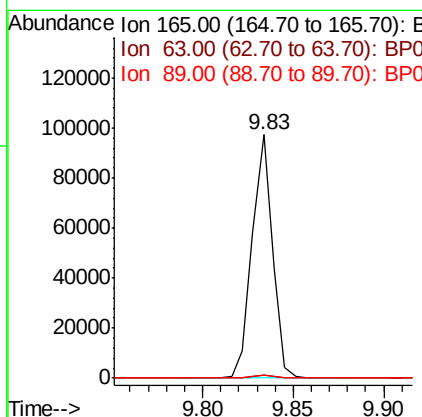
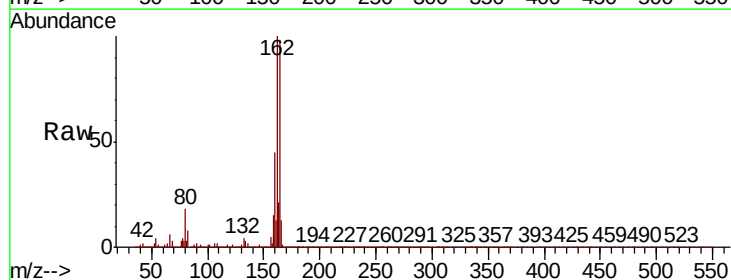
Instrument :
BNA_P
ClientSampled :

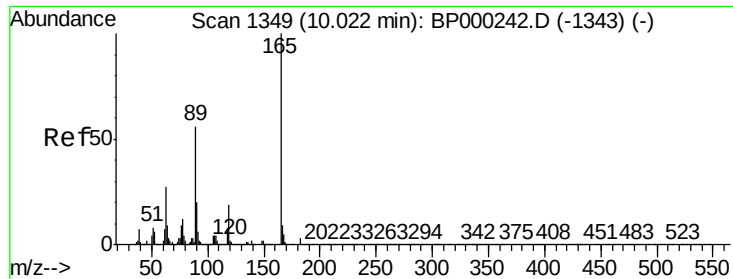
Tot Ion:172 Resp: 3377165
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.9 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.814 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Tgt Ion:165 Resp: 76357
Ion Ratio Lower Upper
165 100
63 1.0 35.8 53.8#
89 1.1 42.6 63.8#

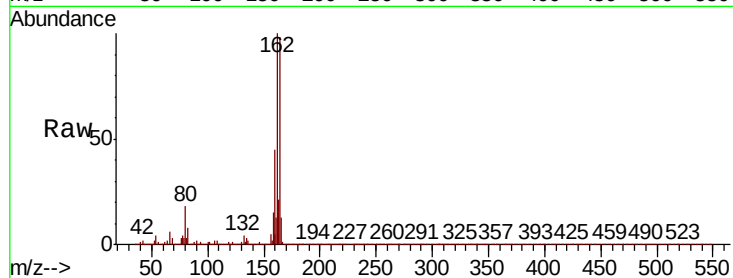




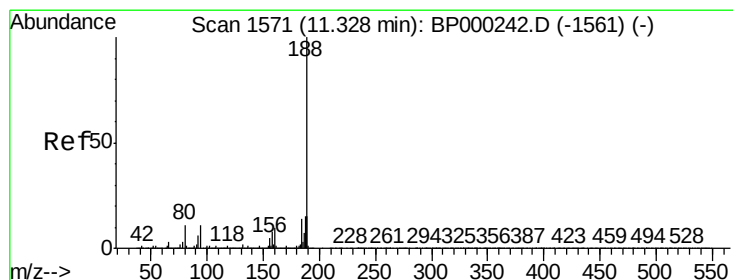
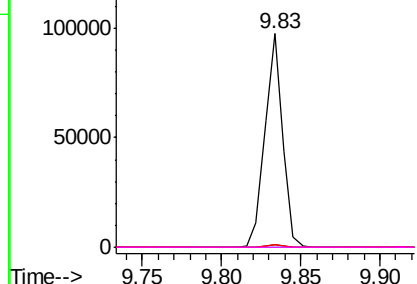
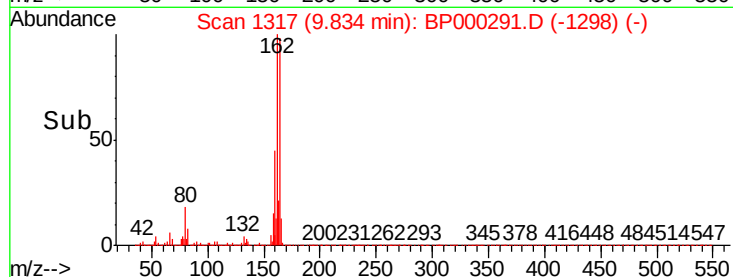
#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 76377
Ion Ratio Lower Upper
165 100
63 1.0 21.7 32.5#
89 1.1 45.0 67.6#
182 0.0 2.4 3.6#

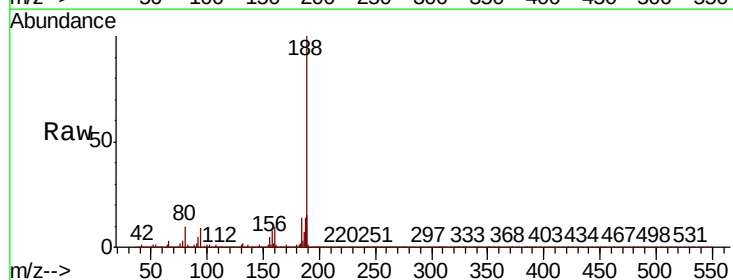


Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

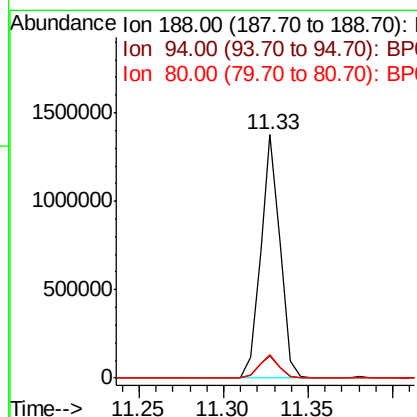
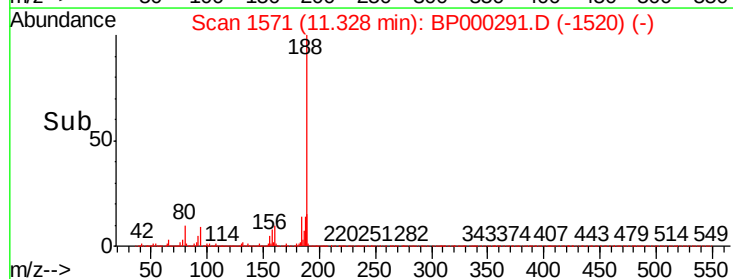


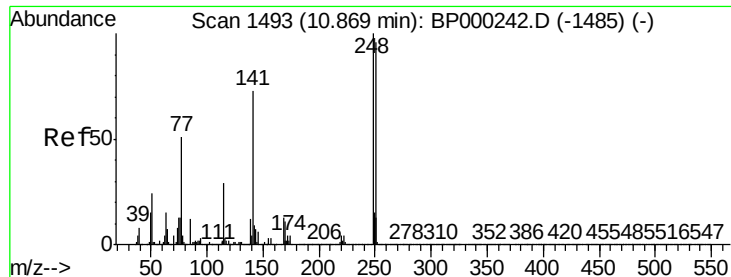
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Tgt Ion:188 Resp: 1096557
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

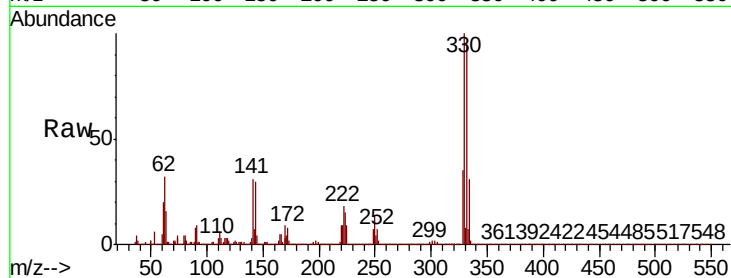




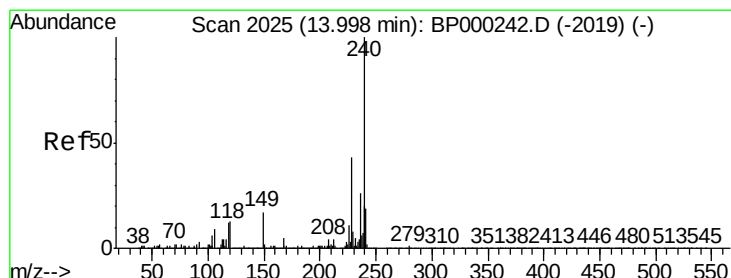
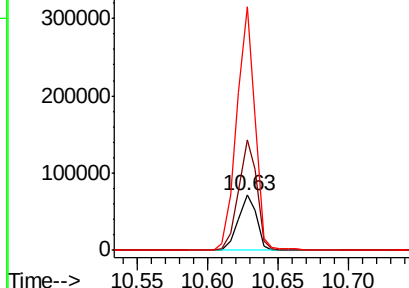
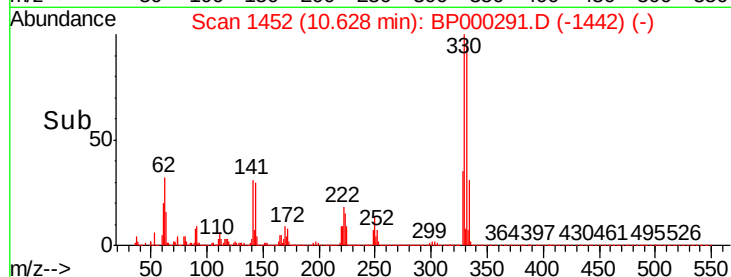
#67
4-Bromophenyl-phenylether
Concen: 5.254 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 65144
Ion Ratio Lower Upper
248 100
250 199.9 77.0 115.4#
141 440.8 58.5 87.7#

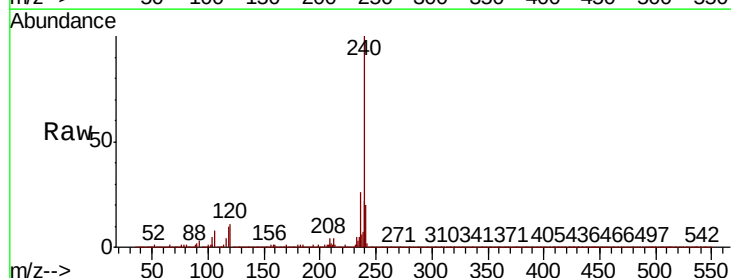


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

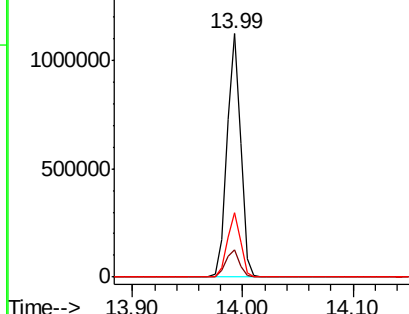
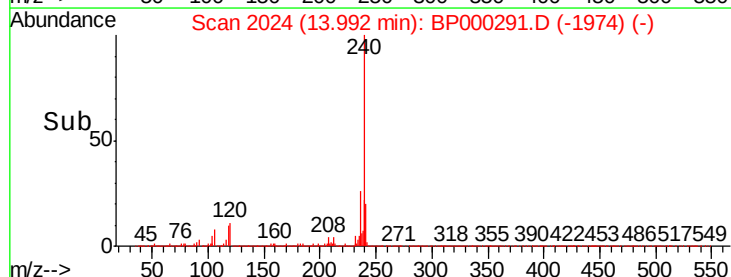


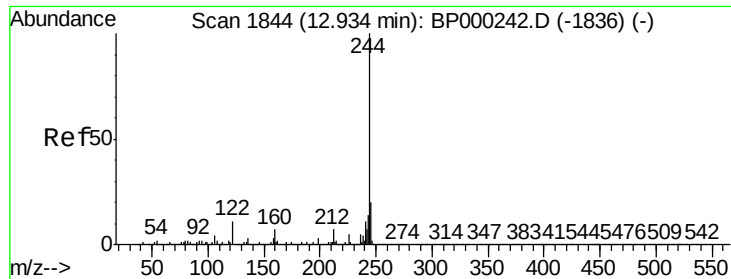
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000291.D
Acq: 18 Sep 2019 12:14

Tgt Ion:240 Resp: 976717
Ion Ratio Lower Upper
240 100
120 11.2 10.4 15.6
236 26.5 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

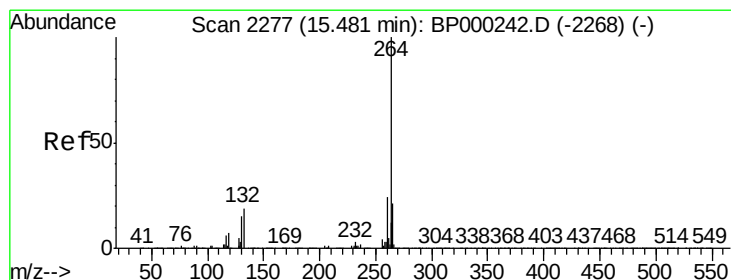
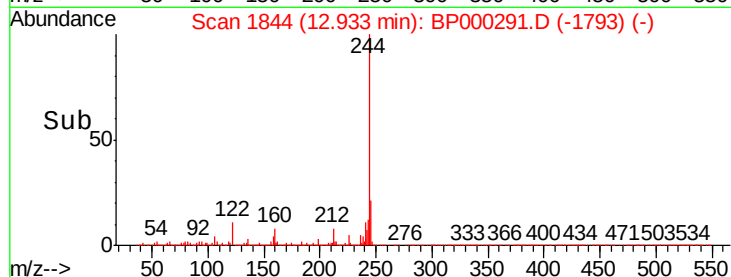
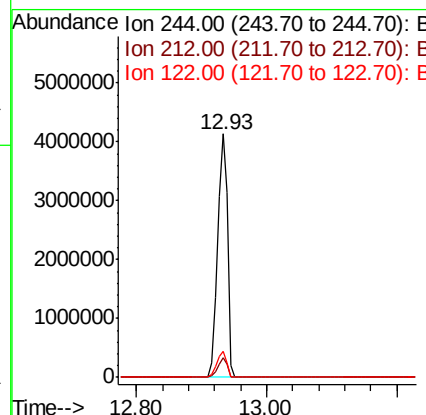
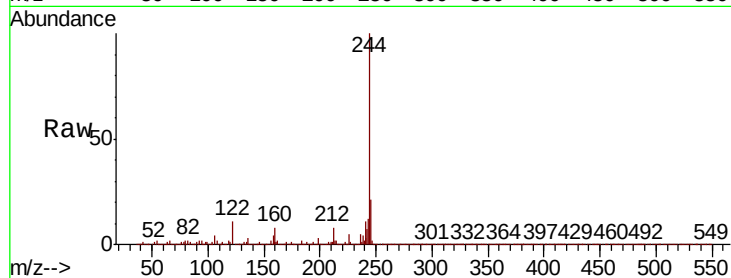




#79
 Terphenyl-d14
 Concen: 93.015 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000291.D
 Acq: 18 Sep 2019 12:14

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 4330613
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.8 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: BP000291.D
 Acq: 18 Sep 2019 12:14

Tgt Ion:264 Resp: 1045579
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.1 17.2 25.8

