

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000528.D
 Acq On : 04 Oct 2019 23:37
 Operator : JU
 Sample : K5154-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 05 01:07:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

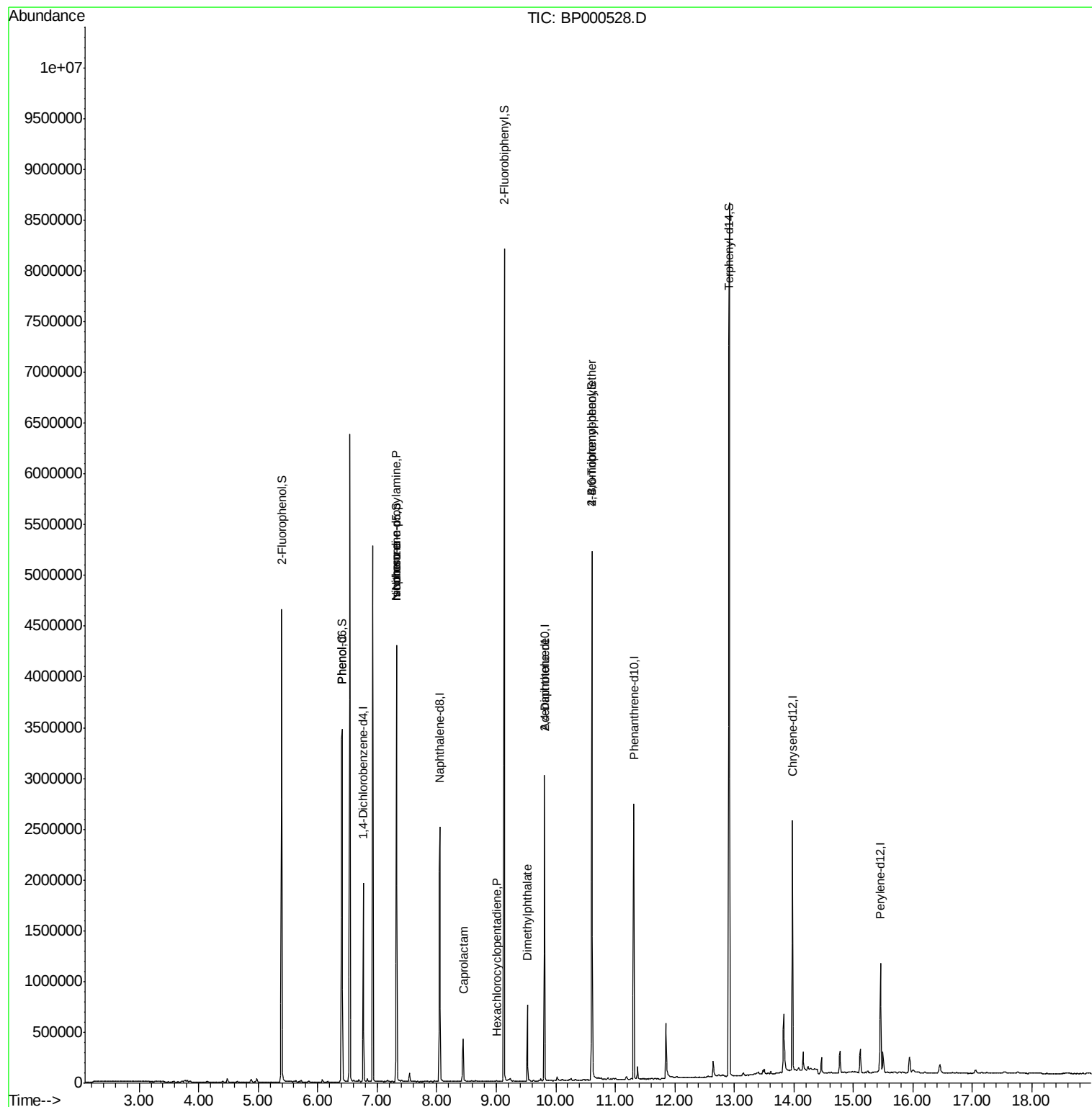
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	303532	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1104909	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	585183	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1016611	20.00	ng	0.00
76) Chrysene-d12	13.97	240	800136	20.00	ng	0.00
87) Perylene-d12	15.46	264	502453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1490021	78.91	ng	0.00
7) Phenol-d6	6.41	99	1418252	62.33	ng	0.00
23) Nitrobenzene-d5	7.33	82	1366761	75.55	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	711036	114.02	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2641377	73.03	ng	0.00
79) Terphenyl-d14	12.92	244	3068936	77.66	ng	0.00
Target Compounds						
10) Phenol	6.42	94	104196	4.472	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	166988	15.921	ng	# 74
25) Isophorone	7.33	82	1366184	42.550	ng	# 61
35) Caprolactam	8.45	113	63211	11.867	ng	89
41) Hexachlorocyclopentadiene	9.00	237	14	7.299	ng	79
50) Dimethylphthalate	9.53	163	321137	7.898	ng	100
57) 2,4-Dinitrotoluene	9.81	165	76321	6.492	ng	# 31
67) 4-Bromophenyl-phenylether	10.61	248	49786	4.351	ng	# 1

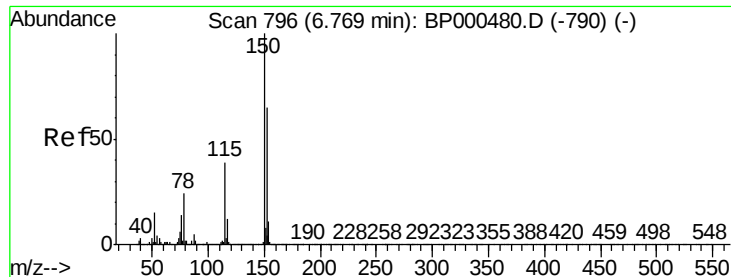
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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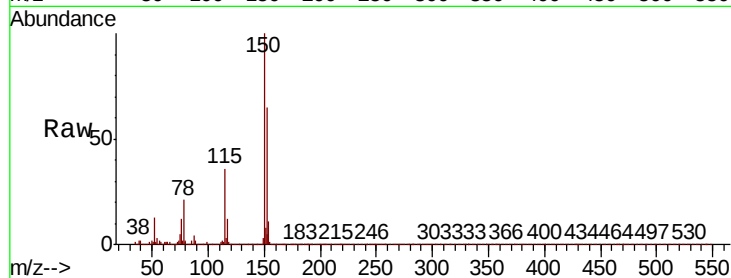


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.1	186.1
115	55.7	48.7	73.1

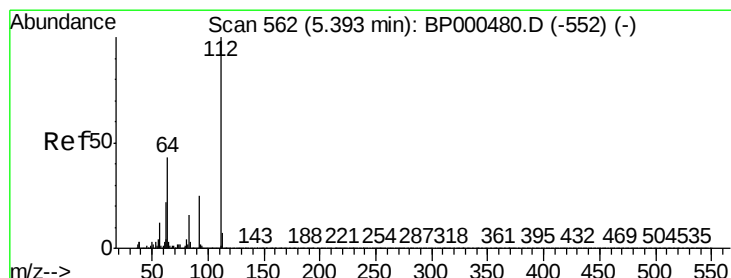
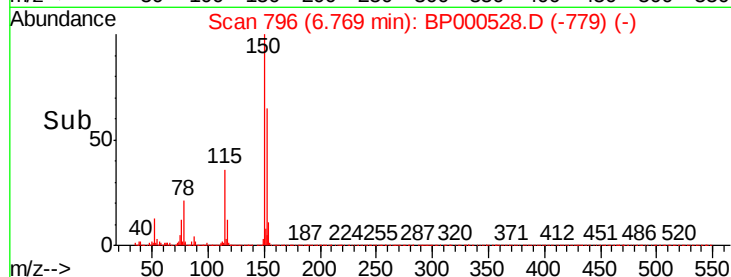
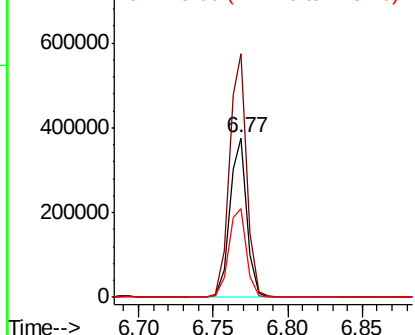


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

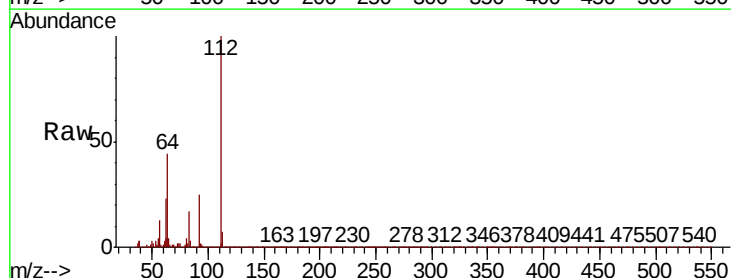
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.908 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.0	34.2	51.4
63	22.5	17.9	26.9

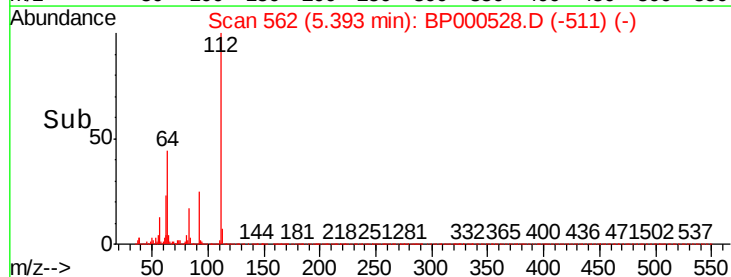
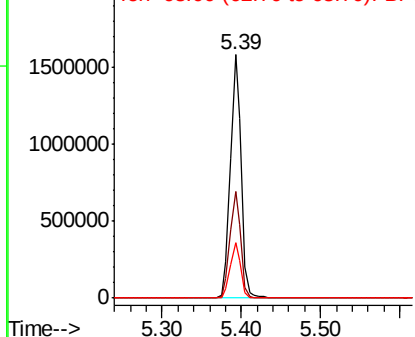


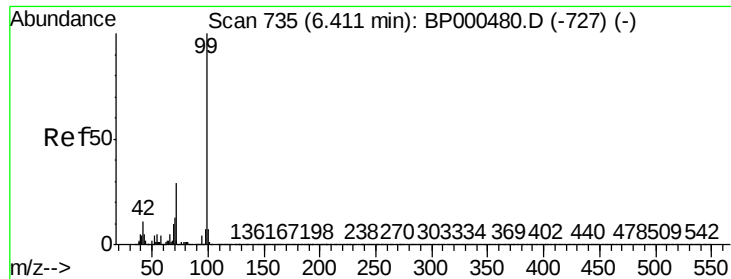
Abundance

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: 62.328 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000528.D

Acq: 04 Oct 2019 23:37

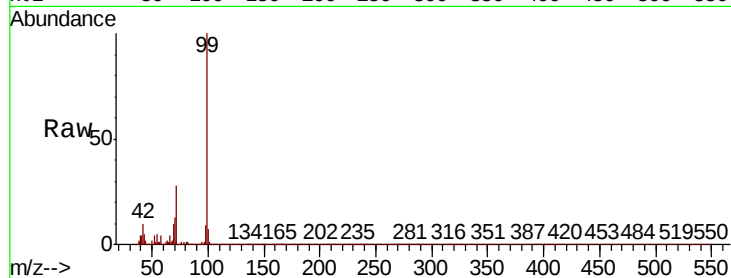
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1418252

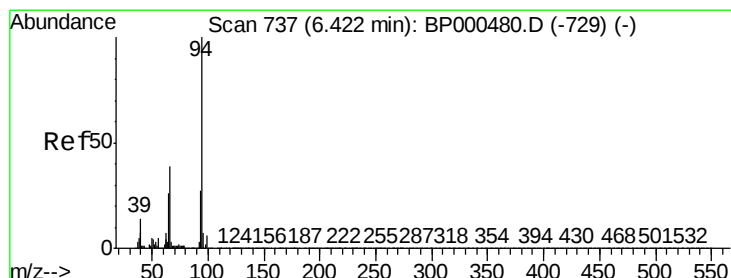
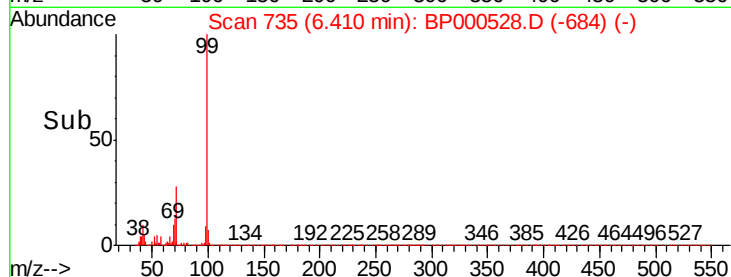
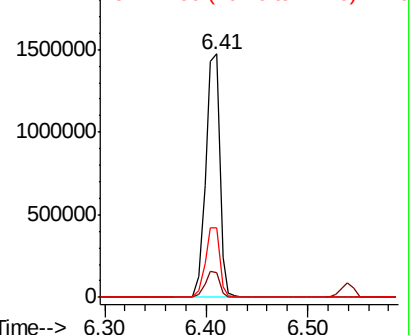
Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.6	12.8
71	28.4	23.0	34.4



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



#10

Phenol

Concen: 4.472 ng

RT: 6.42 min Scan# 736

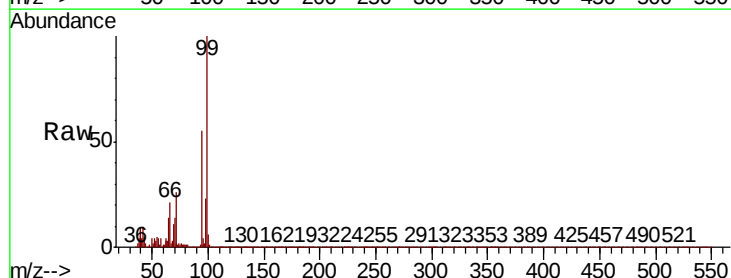
Delta R.T. -0.01 min

Lab File: BP000528.D

Acq: 04 Oct 2019 23:37

Tgt Ion: 94 Resp: 104196

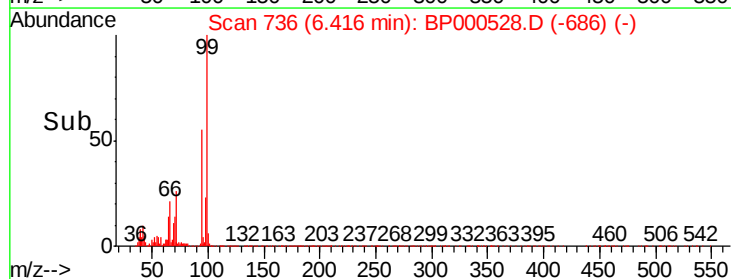
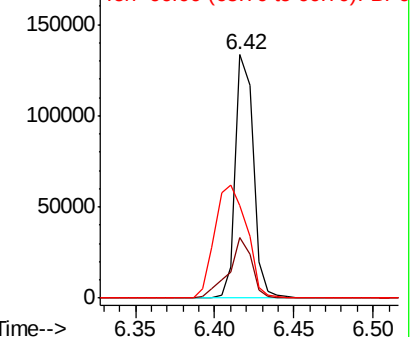
Ion	Ratio	Lower	Upper
94	100		
65	24.9	5.9	45.9
66	37.9	18.8	58.8

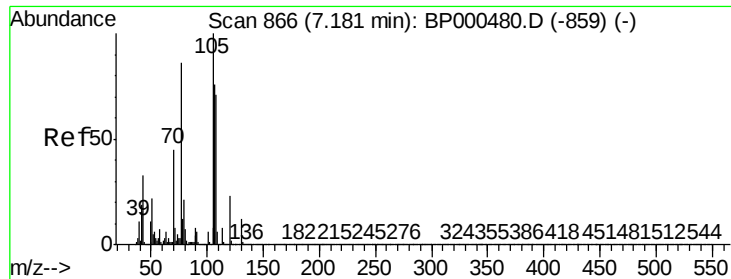


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

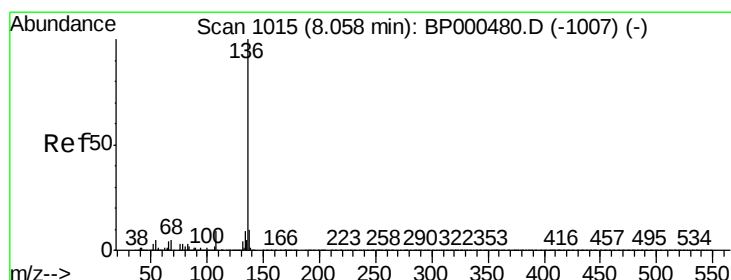
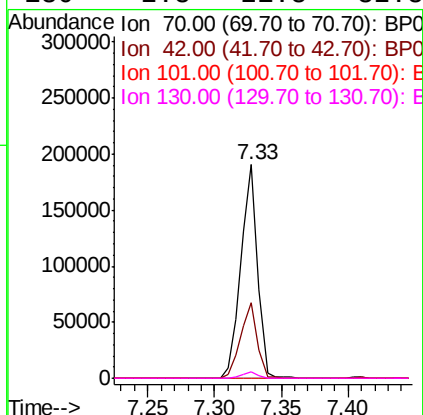
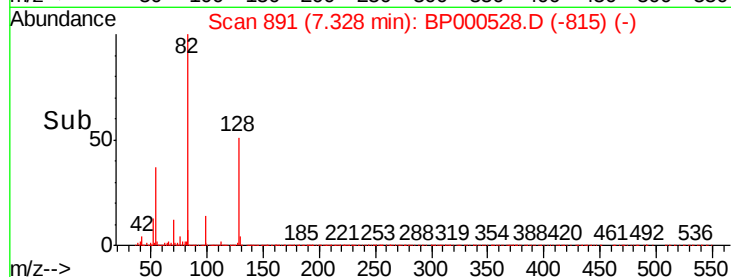
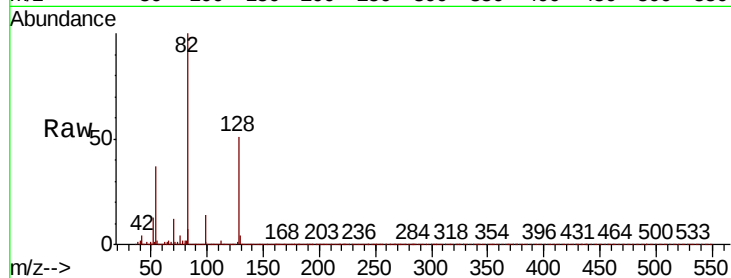




#19
n-Nitroso-di-n-propylamine
Concen: 15.921 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

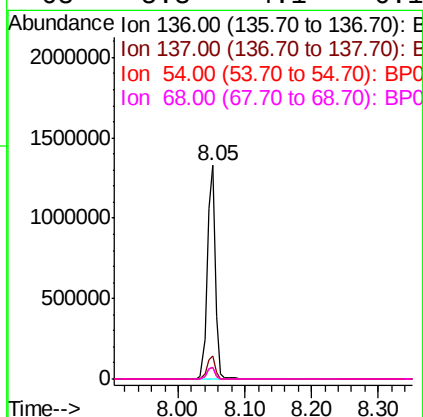
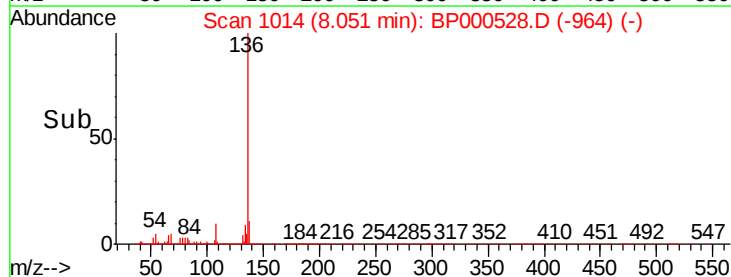
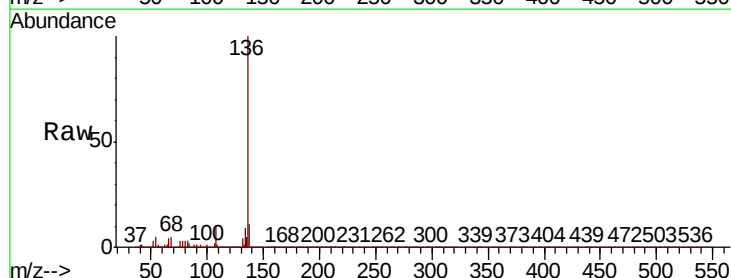
Instrument :
BNA_P
ClientSampleID :

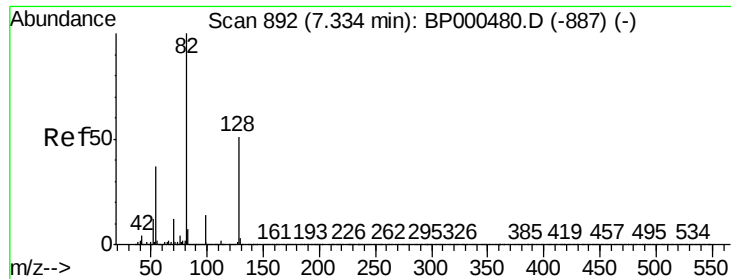
Tot Ion:	70	Resp:	166988
Ion	Ratio	Lower	Upper
70	100		
42	35.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion:	136	Resp:	1104909
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.2	4.1	6.1
68	5.3	4.1	6.1

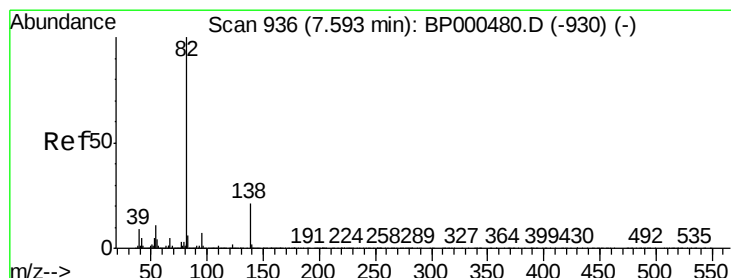
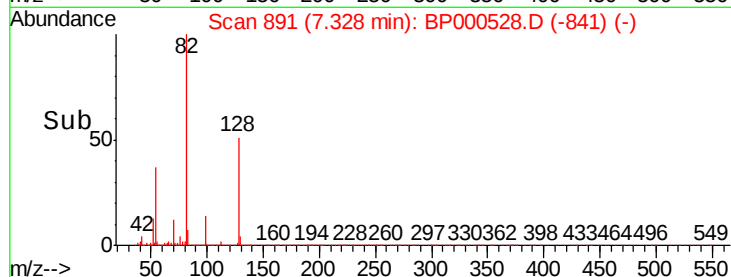
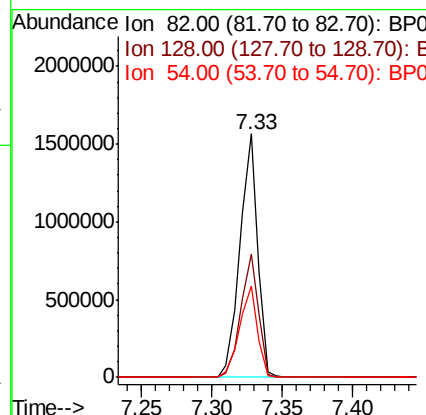
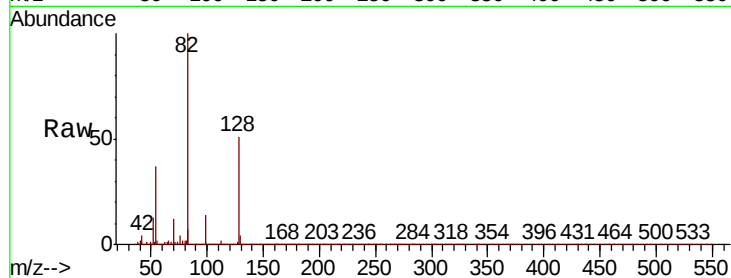




#23
Nitrobenzene-d5
Concen: 75.550 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

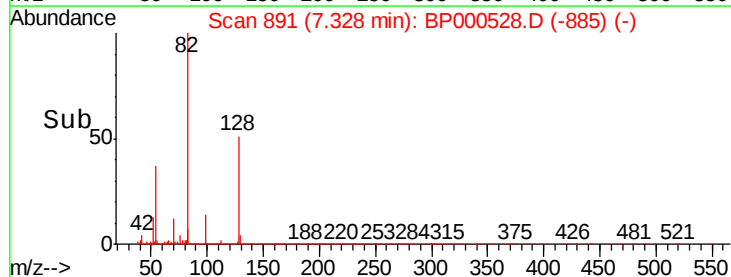
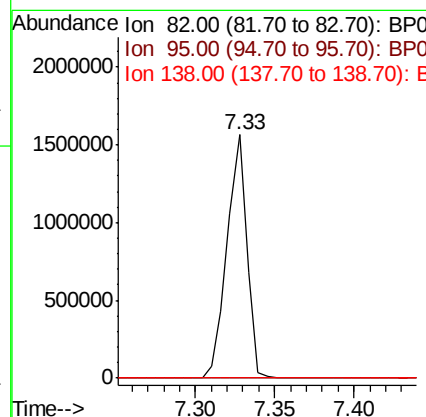
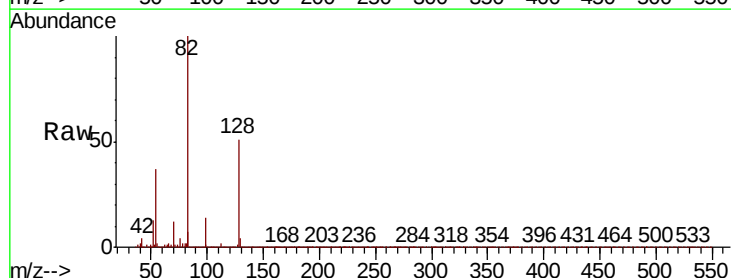
Instrument :
BNA_P
ClientSampleId :

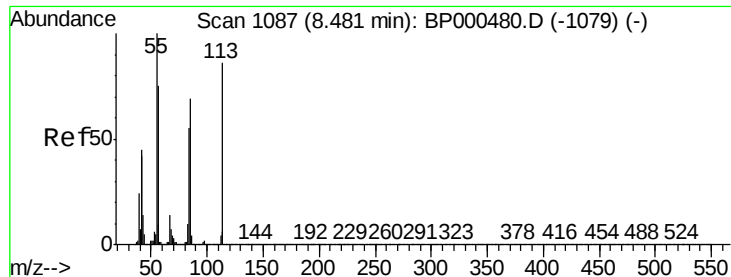
Tot Ion: 82 Resp: 1366761
Ion Ratio Lower Upper
82 100
128 50.8 40.9 61.3
54 37.2 29.4 44.2



#25
Isophorone
Concen: 42.550 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion: 82 Resp: 1366184
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

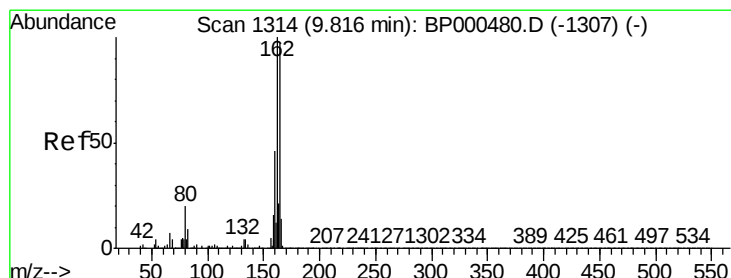
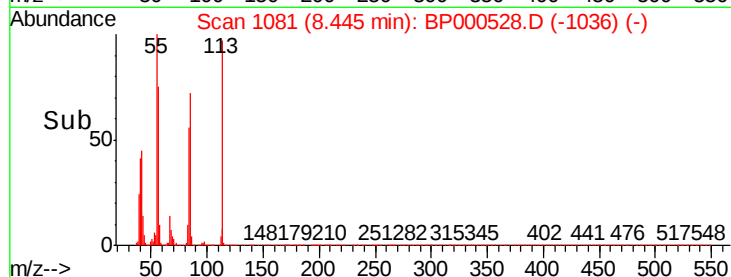
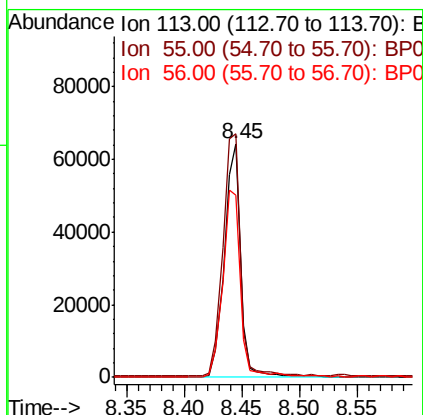
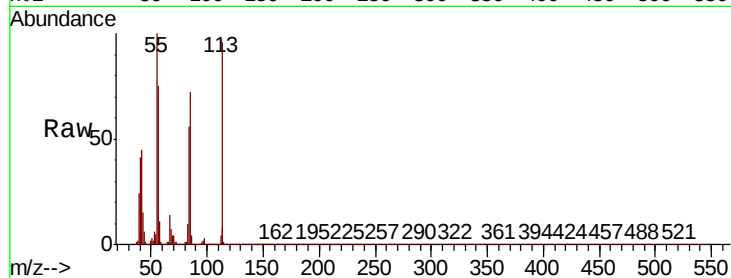




#35
 Caprolactam
 Concen: 11.867 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.04 min
 Lab File: BP000528.D
 Acq: 04 Oct 2019 23:37

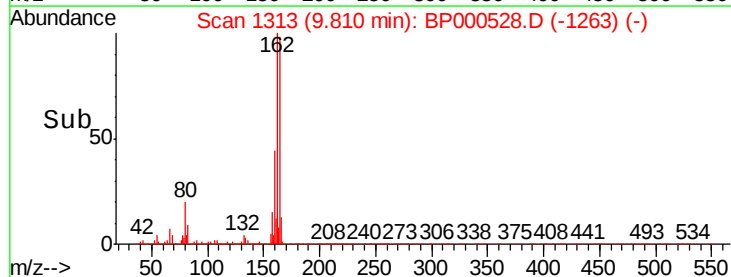
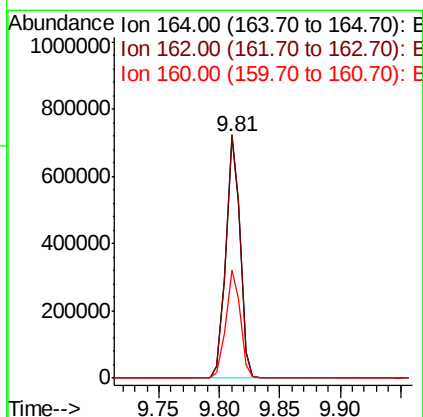
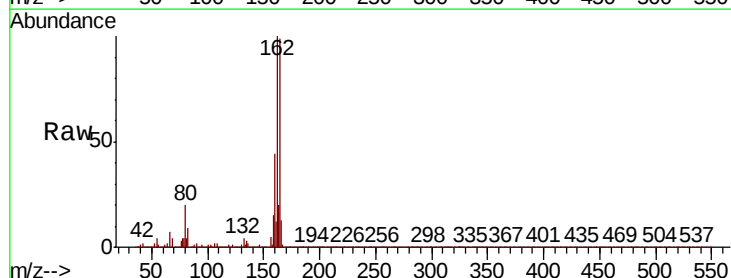
Instrument :
 BNA_P
 ClientSampleId :

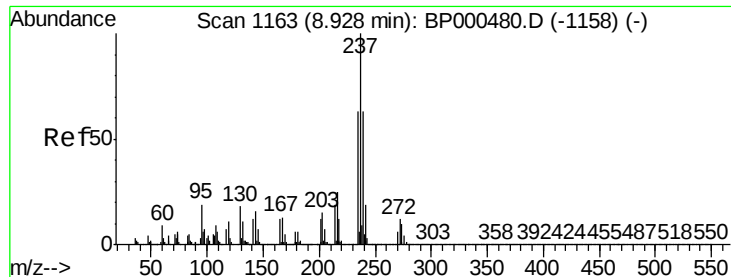
Tot Ion:113 Resp: 63211
 Ion Ratio Lower Upper
 113 100
 55 104.1 95.9 135.9
 56 77.7 67.2 107.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BP000528.D
 Acq: 04 Oct 2019 23:37

Tgt Ion:164 Resp: 585183
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.2 123.2
 160 44.9 37.6 56.4

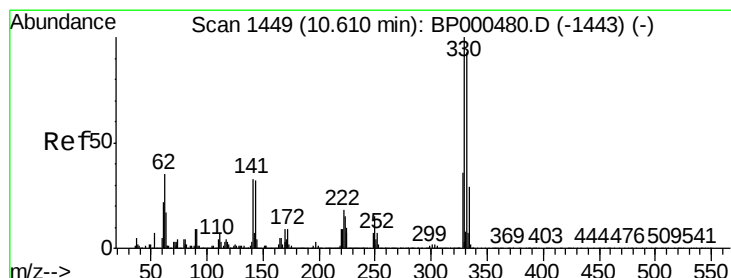
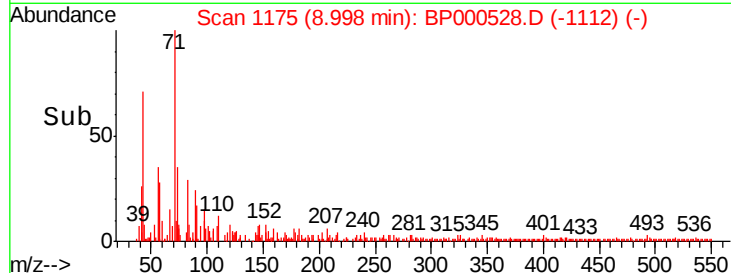
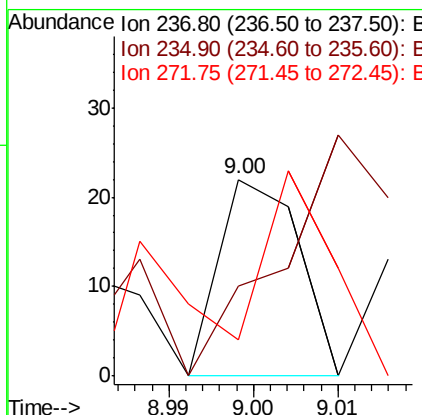
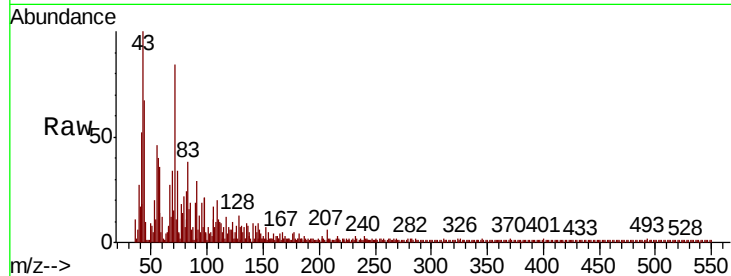




#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.07 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

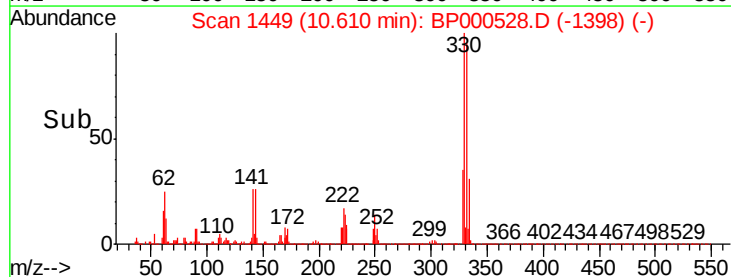
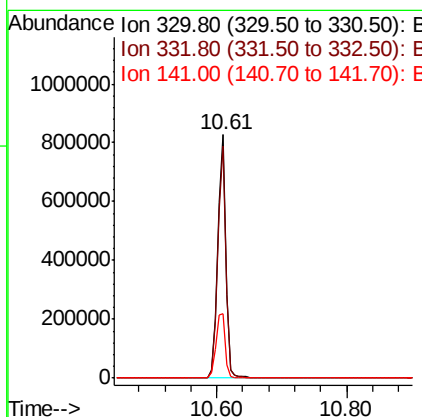
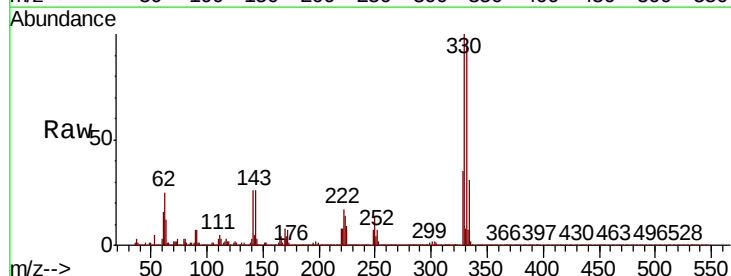
Instrument :
BNA_P
ClientSampleId :

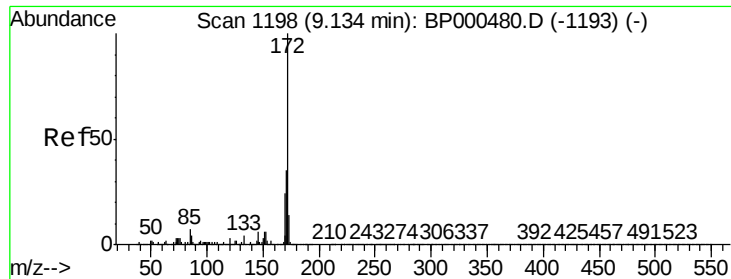
Tot Ion:	237	Resp:	14
Ion	Ratio	Lower	Upper
237	100		
235	45.5	42.9	82.9
272	18.2	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 114.025 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion:	330	Resp:	711036
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	30.6	26.0	39.0

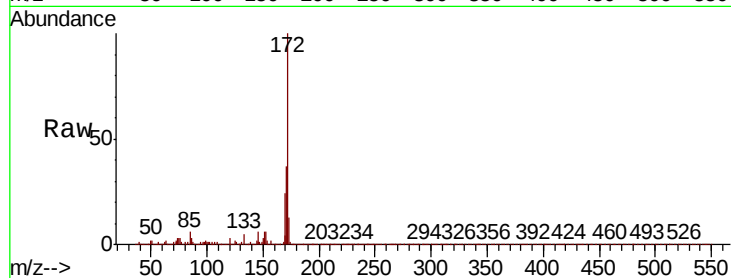




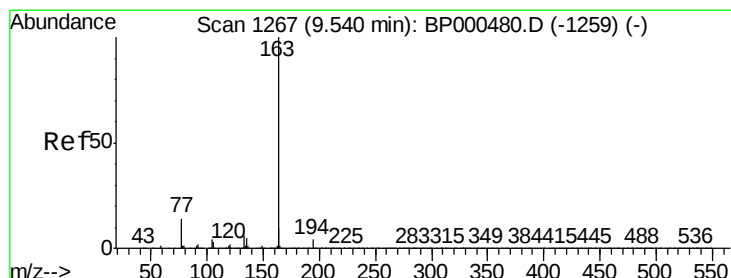
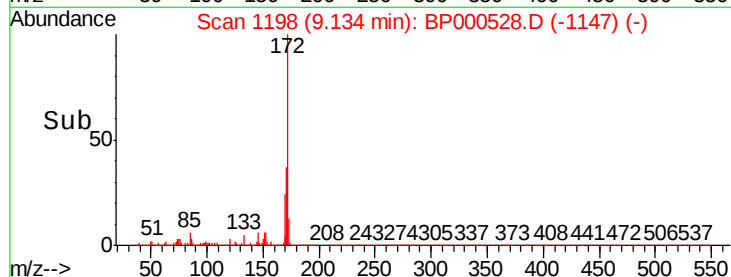
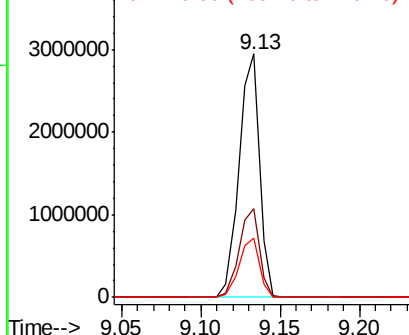
#45
2-Fluorobiphenyl
Concen: 73.032 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 2641377
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 24.5 19.1 28.7

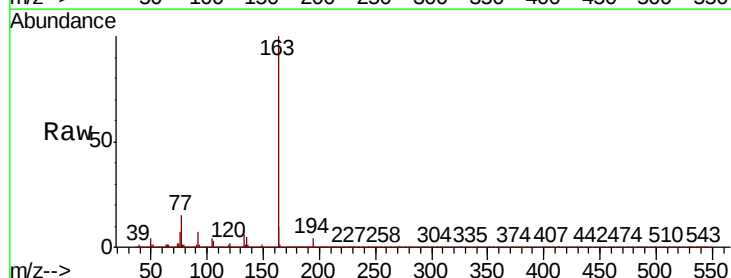


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

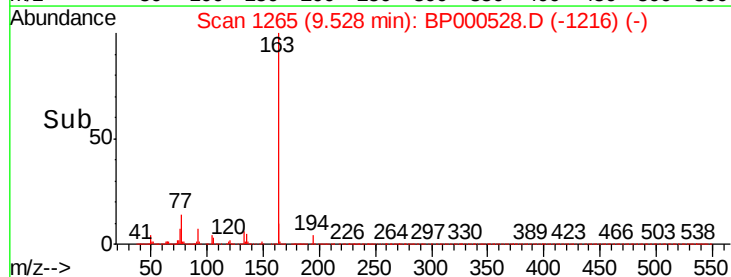
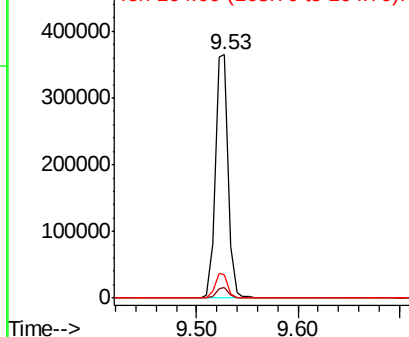


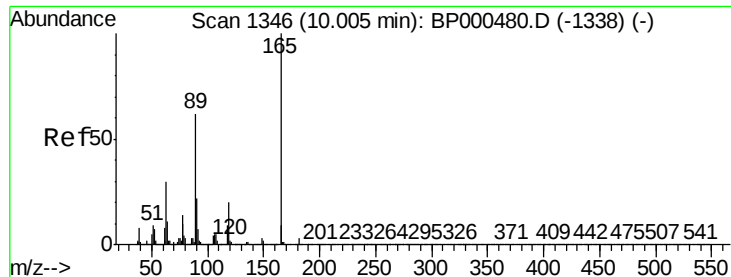
#50
Dimethylphthalate
Concen: 7.898 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion:163 Resp: 321137
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.8 8.0 12.0



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

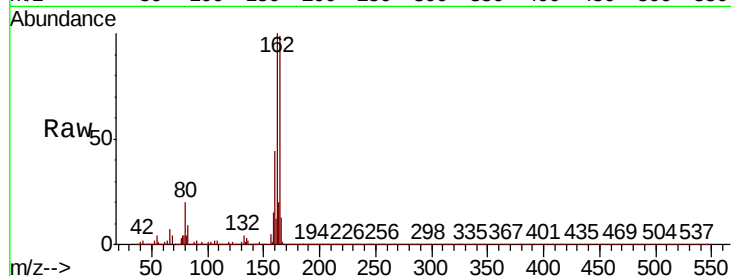




#57
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.1	49.4	74.0#
182	0.1	2.5	3.7#



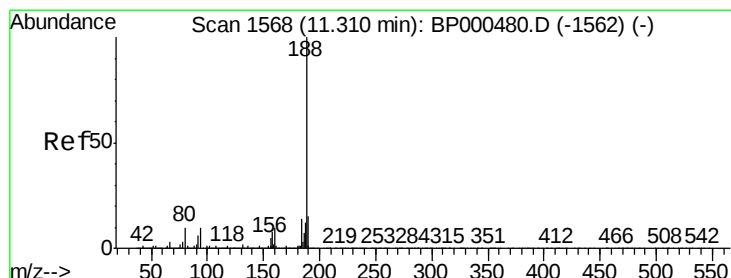
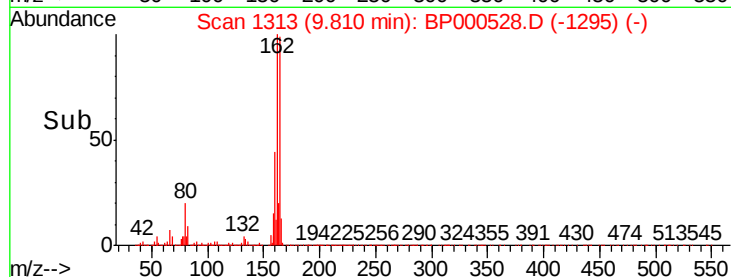
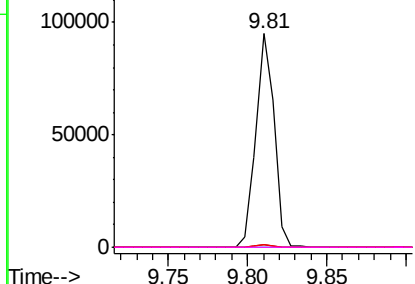
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

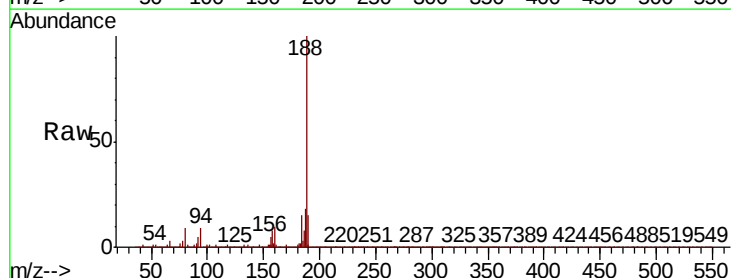
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	8.8	8.3	12.5

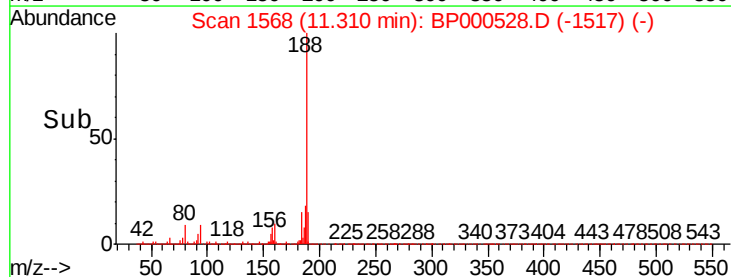
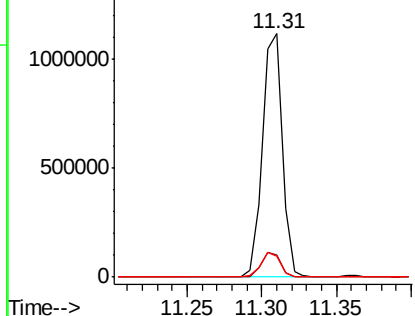


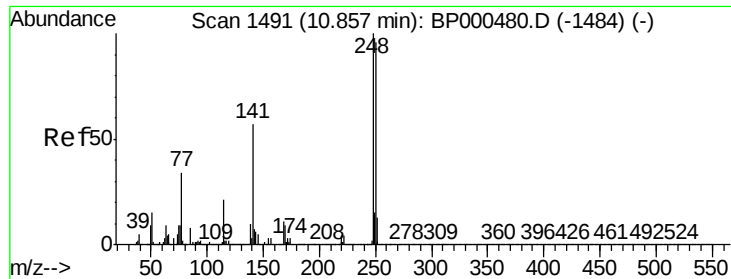
Abundance

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

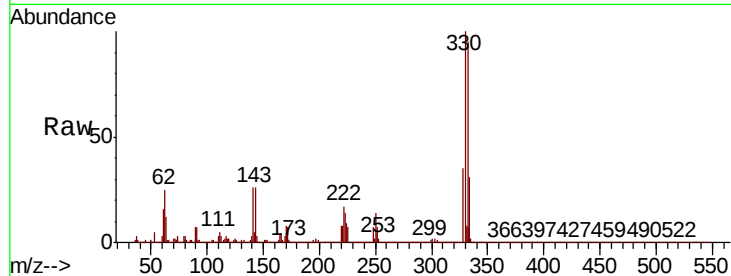




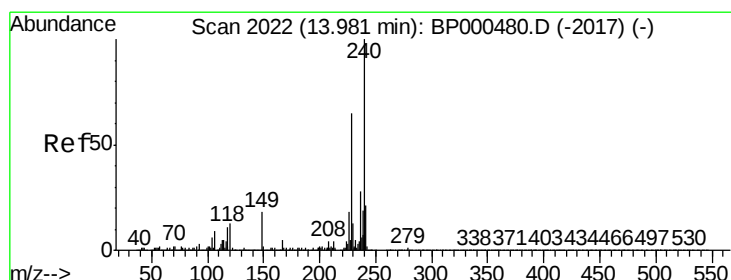
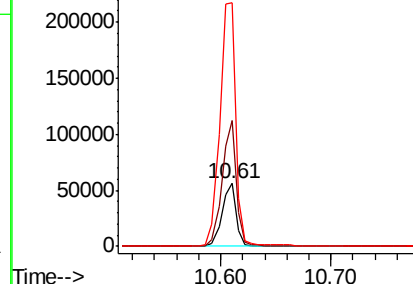
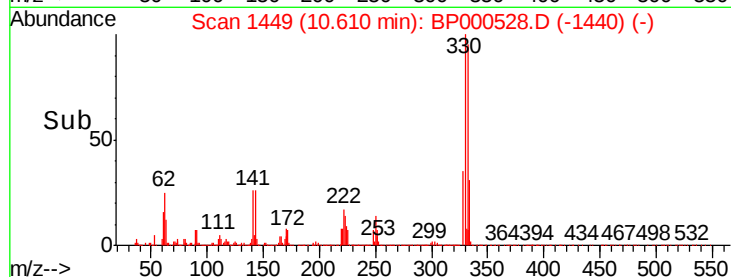
#67
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Instrument :
BNA_P
ClientSampled :

Tot Ion:248 Resp: 49786
Ion Ratio Lower Upper
248 100
250 200.3 77.2 115.8#
141 389.2 45.3 67.9#

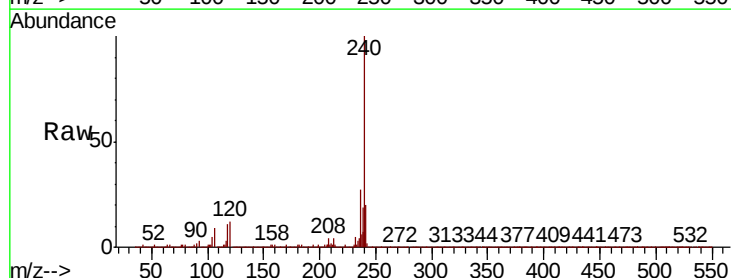


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

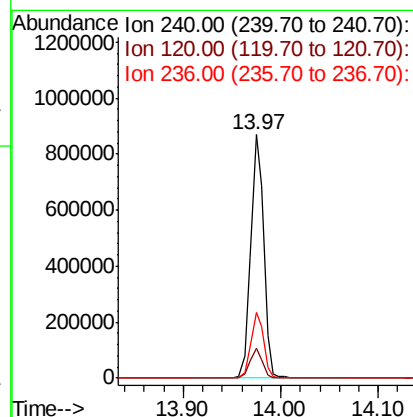
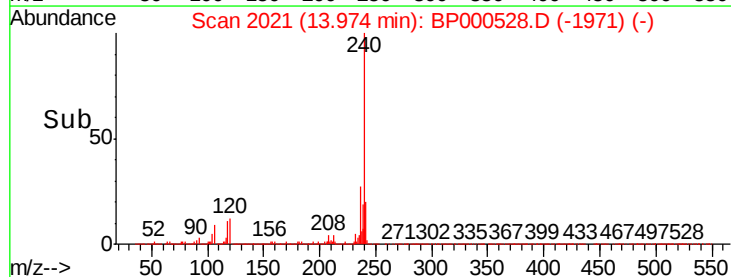


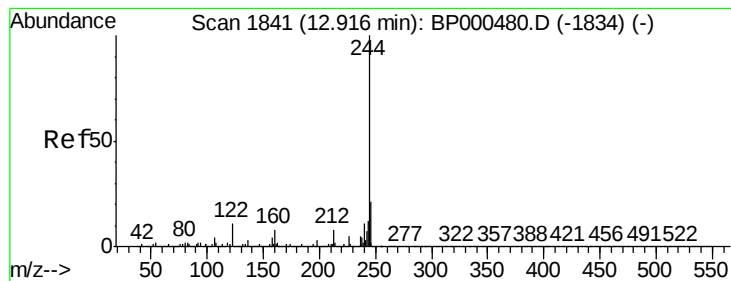
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion:240 Resp: 800136
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 26.8 22.7 34.1



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: 77.659 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BP000528.D

Acq: 04 Oct 2019 23:37

Instrument :

BNA_P

ClientSampleId :

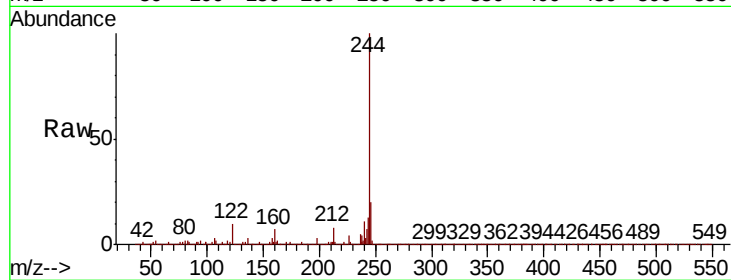
Tot Ion:244 Resp: 3068936

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

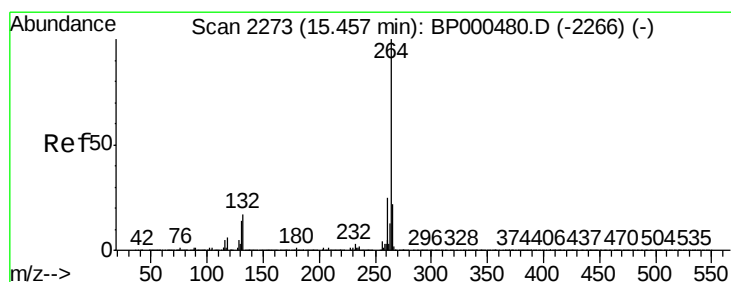
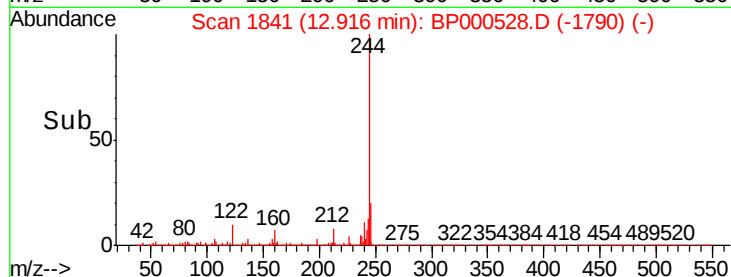
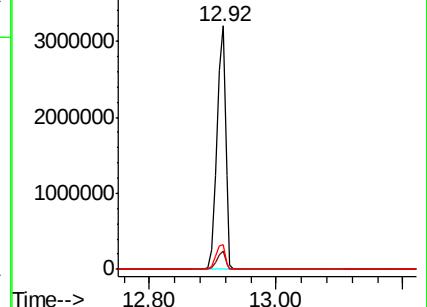
122 10.1 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BP000528.D

Acq: 04 Oct 2019 23:37

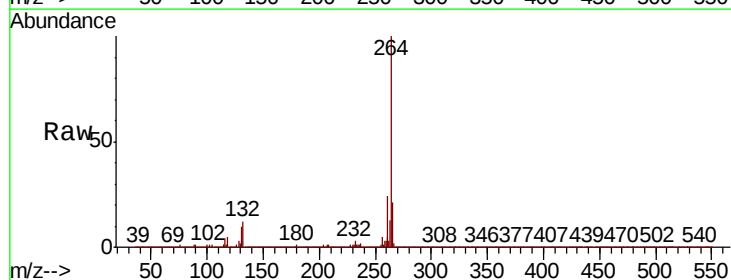
Tgt Ion:264 Resp: 502453

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 21.4 18.0 27.0



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

