

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000637.D
 Acq On : 11 Oct 2019 17:34
 Operator : JU
 Sample : K5266-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:09:09 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

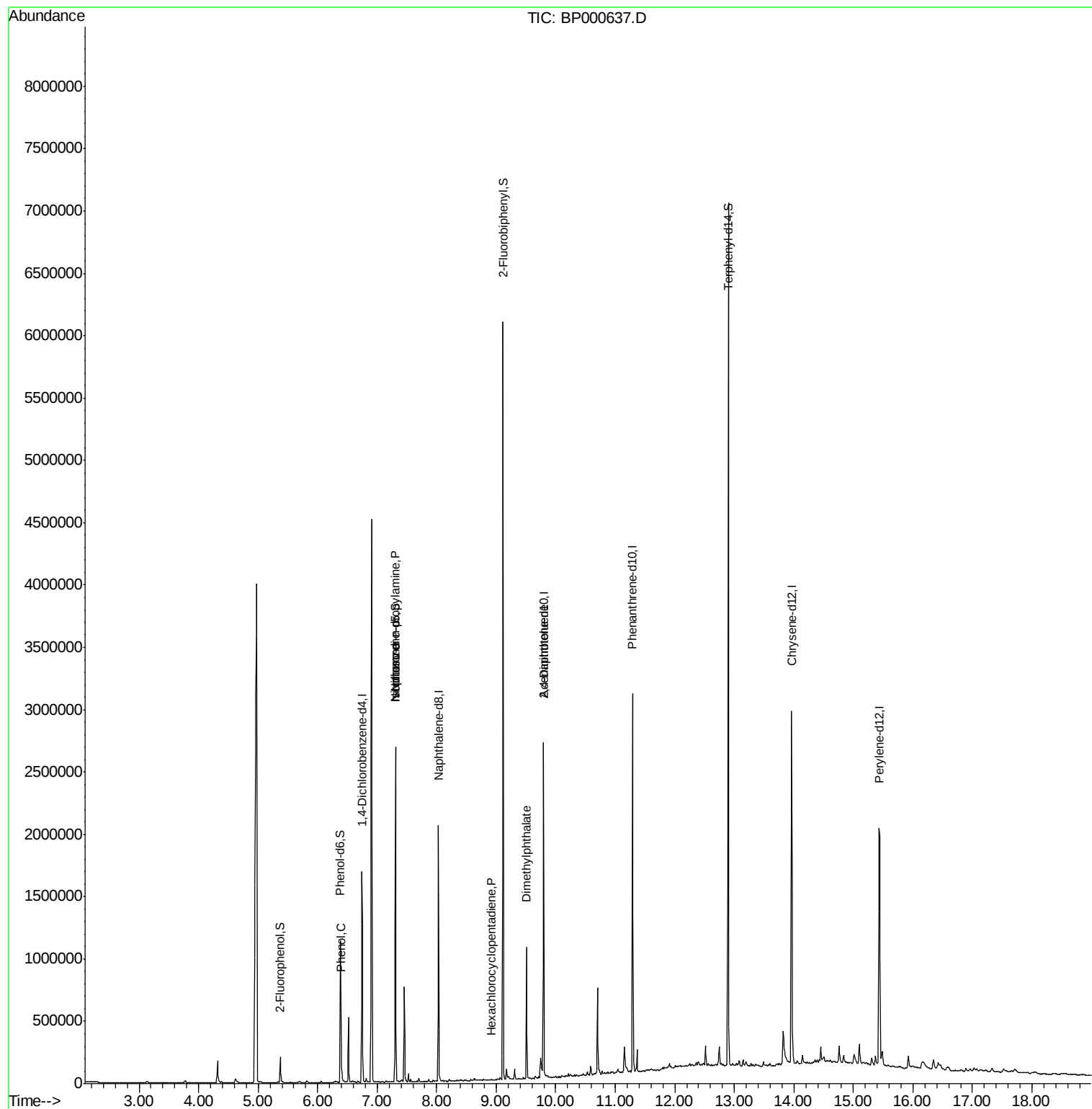
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	250410	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	928764	20.00	ng	-0.03
39) Acenaphthene-d10	9.79	164	535087	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1006768	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	853241	20.00	ng	-0.02
87) Perylene-d12	15.44	264	906209	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	73439	4.71	ng	-0.02
7) Phenol-d6	6.38	99	411924	21.94	ng	-0.03
23) Nitrobenzene-d5	7.31	82	926425	60.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	8886	1.56	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1845533	55.81	ng	-0.02
79) Terphenyl-d14	12.90	244	2254471	53.50	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	69401	3.611	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.30	70	112186	12.965	ng	# 75
25) Isophorone	7.31	82	925820	34.304	ng	# 61
41) Hexachlorocyclopentadiene	8.90	237	25	7.300	ng	76
50) Dimethylphthalate	9.51	163	389999	10.489	ng	100
57) 2,4-Dinitrotoluene	9.79	165	69778	6.491	ng	# 31

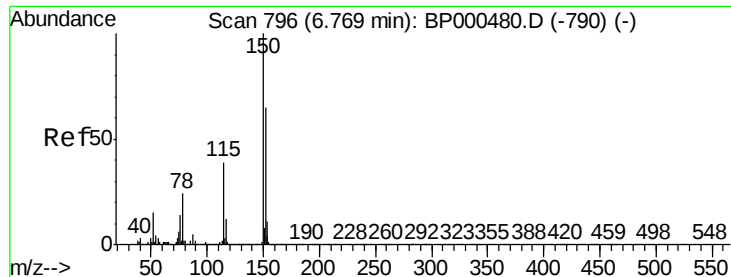
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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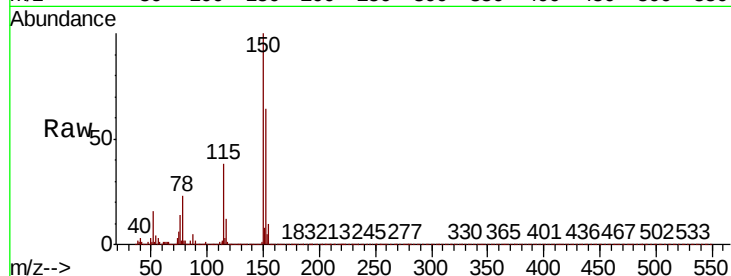


#1

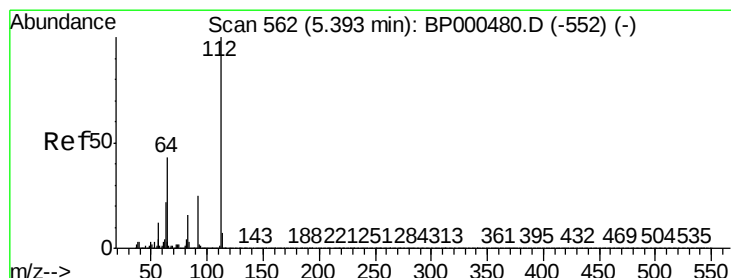
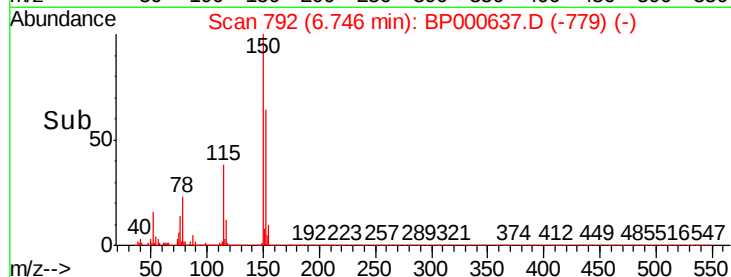
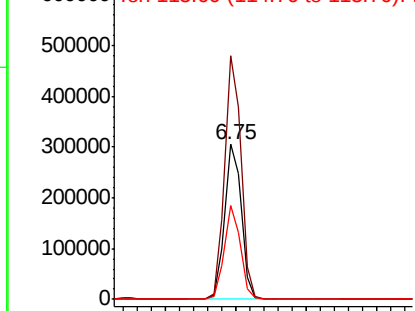
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.1	186.1
115	60.3	48.7	73.1



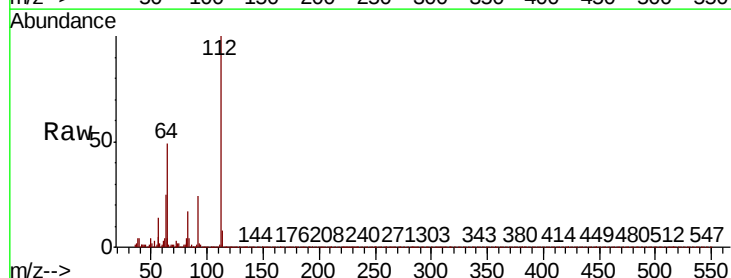
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



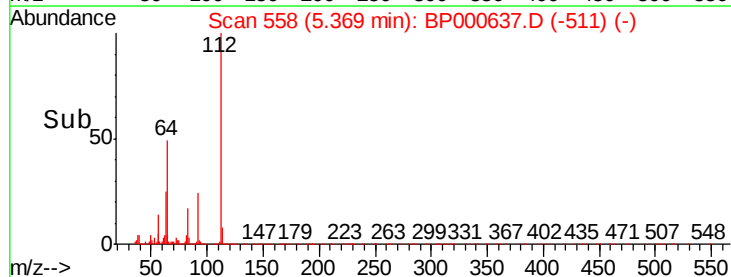
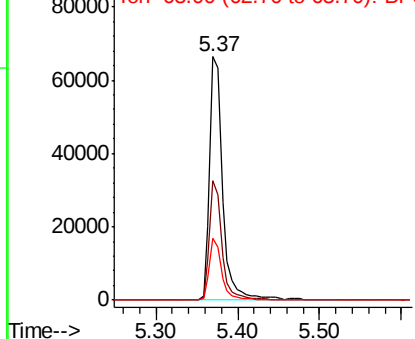
#5

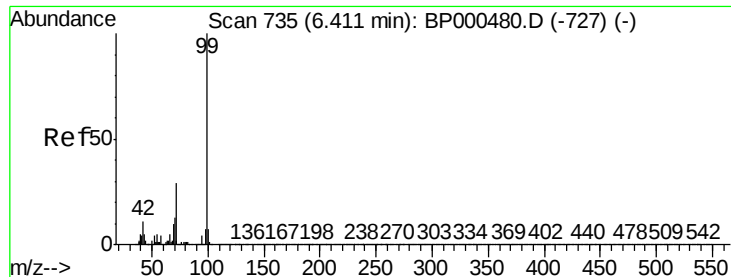
2-Fluorophenol
Concen: 4.714 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	34.2	51.4
63	25.4	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: 21.943 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

Instrument :

BNA_P

ClientSampleId :

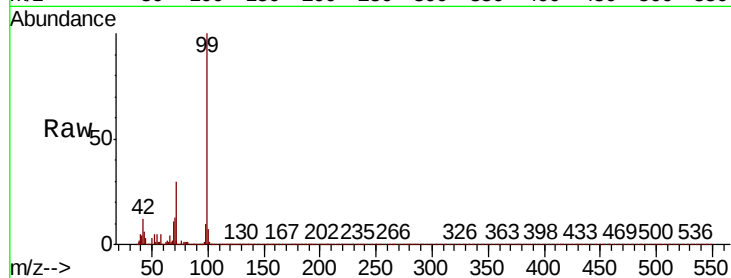
Tot Ion: 99 Resp: 411924

Ion Ratio Lower Upper

99 100

42 12.1 8.6 12.8

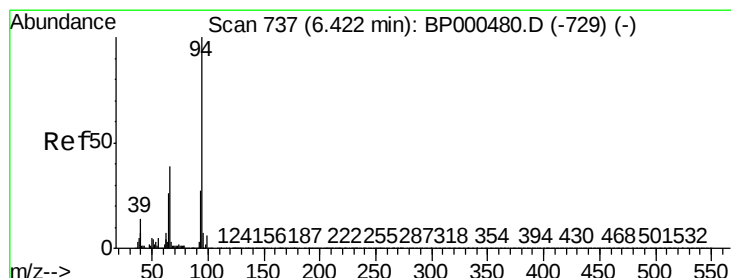
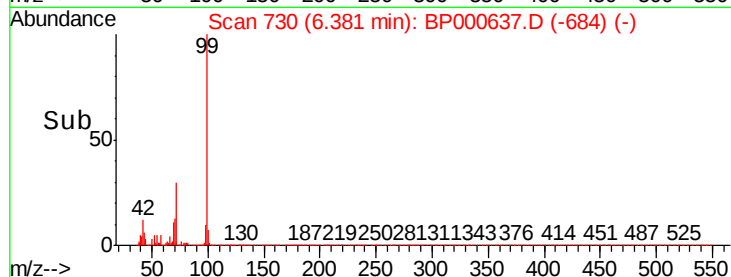
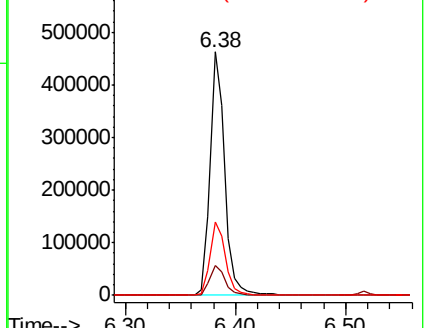
71 30.1 23.0 34.4



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: 3.611 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

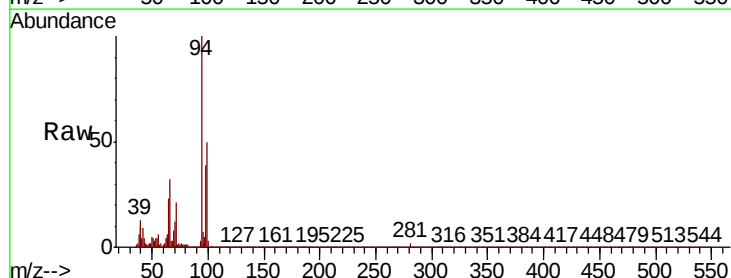
Tgt Ion: 94 Resp: 69401

Ion Ratio Lower Upper

94 100

65 22.7 5.9 45.9

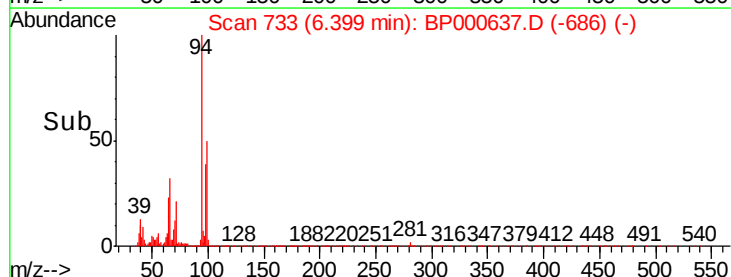
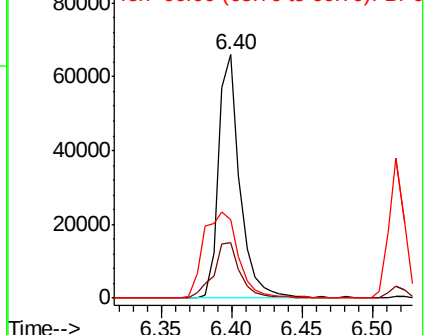
66 32.3 18.8 58.8

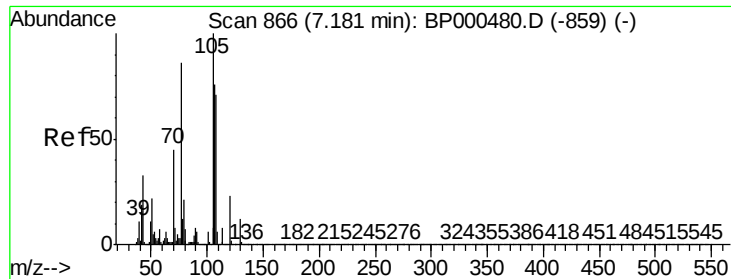


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

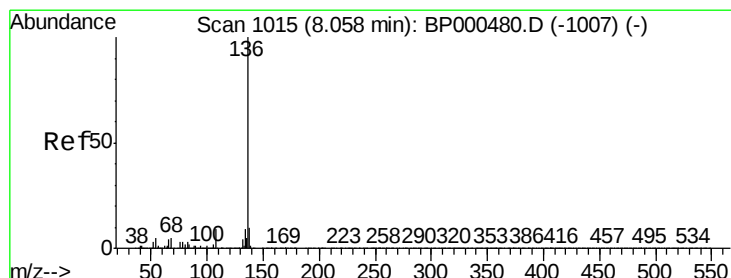
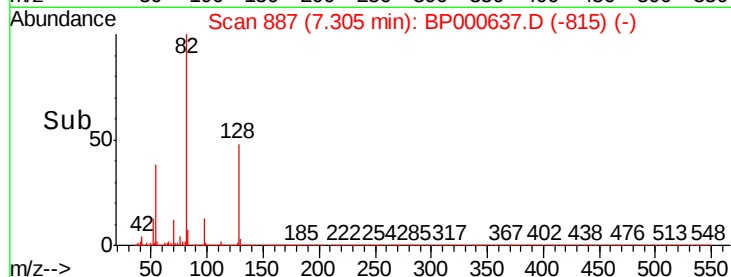
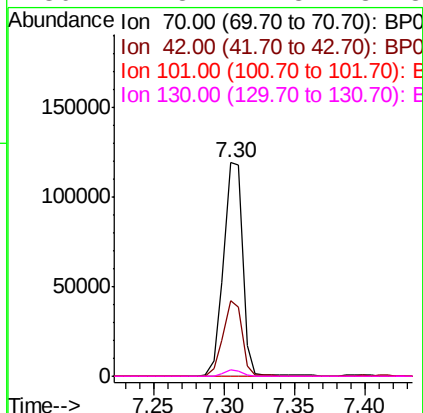
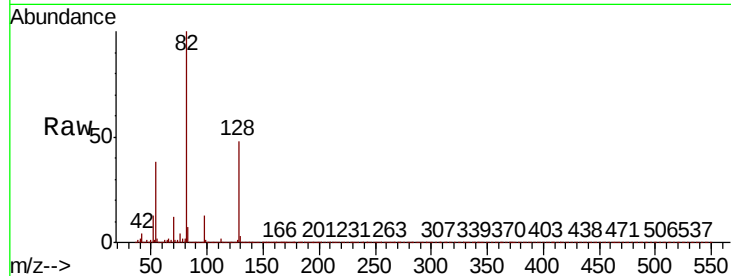




#19
n-Nitroso-di-n-propylamine
Concen: 12.965 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.12 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

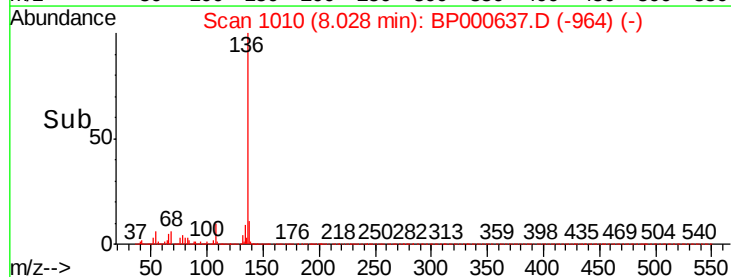
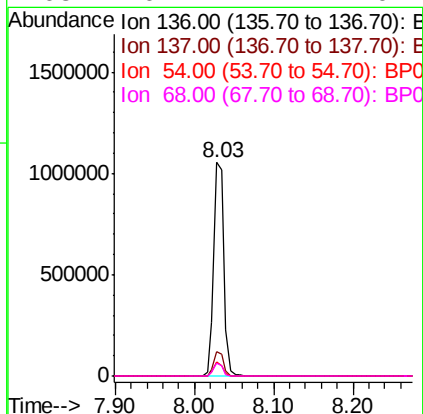
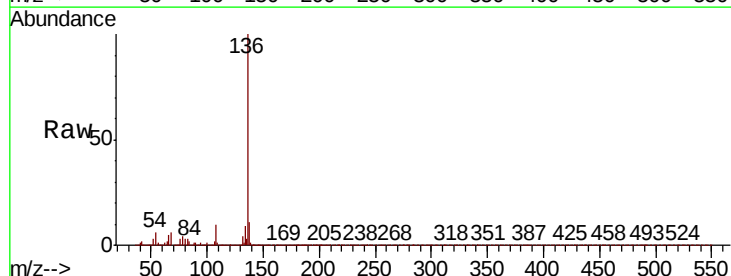
Instrument :
BNA_P
ClientSampleId :

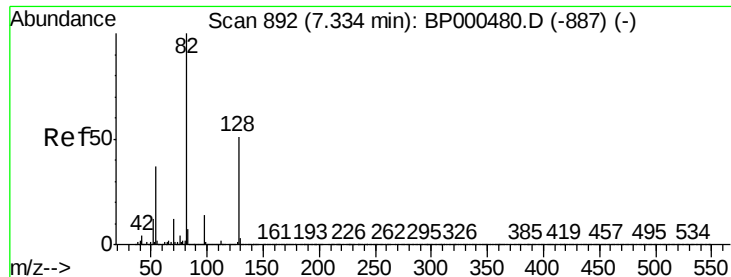
Tot Ion:	70	Resp:	112186
Ion	Ratio	Lower	Upper
70	100		
42	35.6	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

Tgt Ion:	136	Resp:	928764
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.3	4.1	6.1#
68	6.1	4.1	6.1#

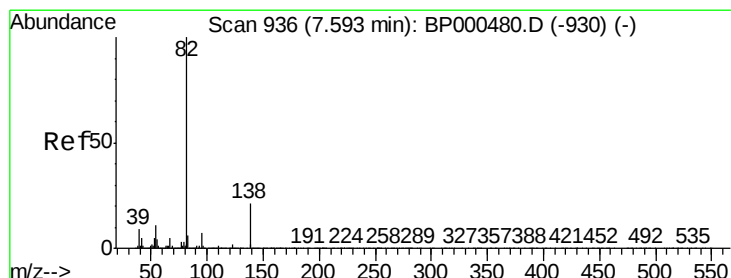
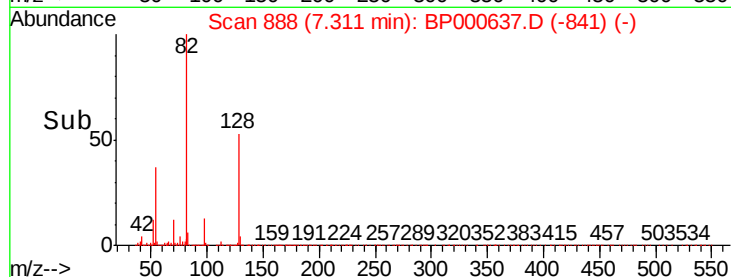
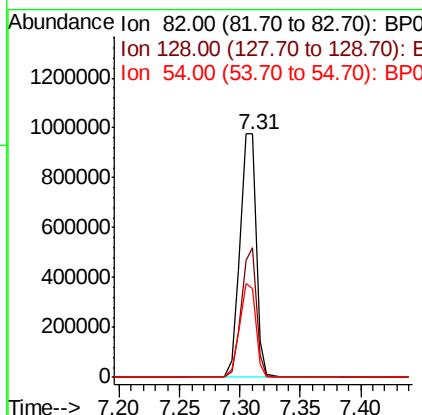
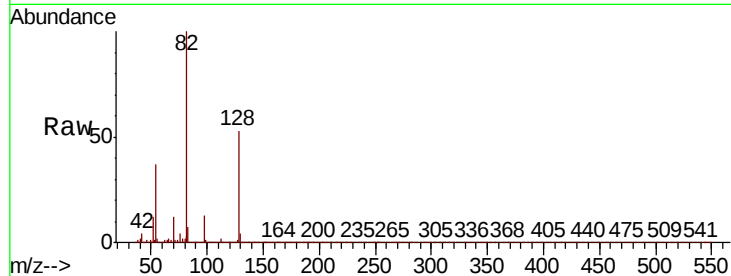




#23
Nitrobenzene-d5
Concen: 60.922 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

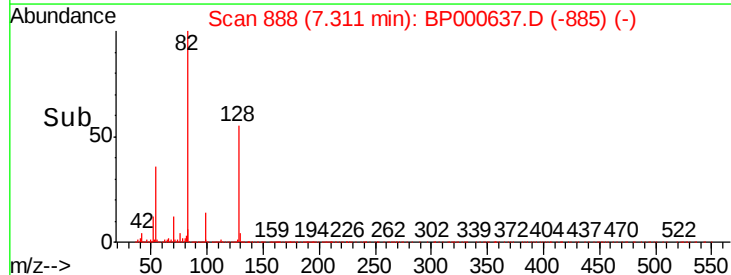
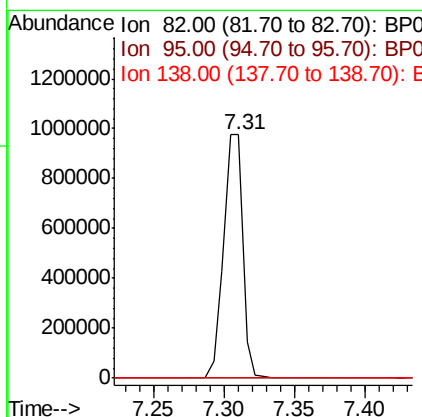
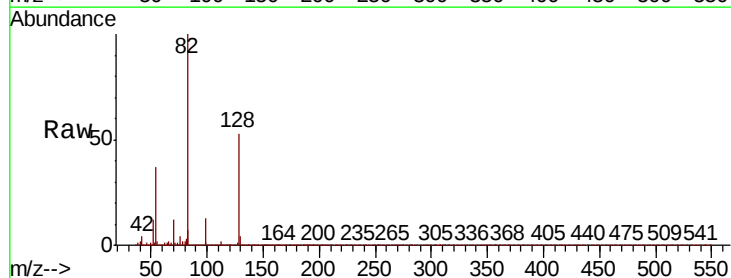
Instrument :
BNA_P
ClientSampleId :

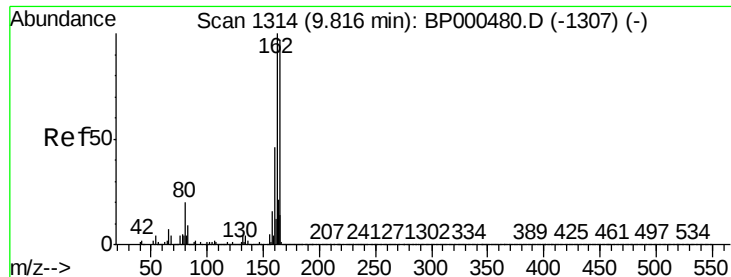
Tot Ion	82	Resp	926425
Ion Ratio	Lower	Upper	
82	100		
128	53.4	40.9	61.3
54	36.6	29.4	44.2



#25
Isophorone
Concen: 34.304 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

Tgt Ion	82	Resp	925820
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

Instrument :

BNA_P

ClientSampleId :

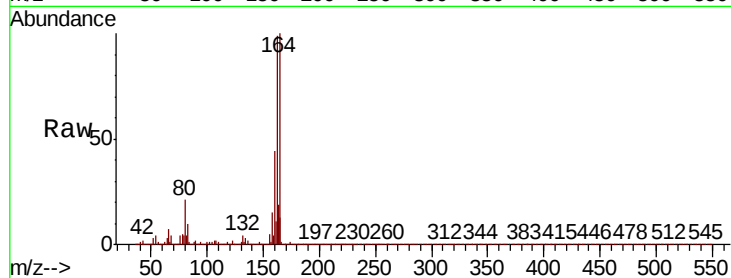
Tot Ion:164 Resp: 535087

Ion Ratio Lower Upper

164 100

162 99.2 82.2 123.2

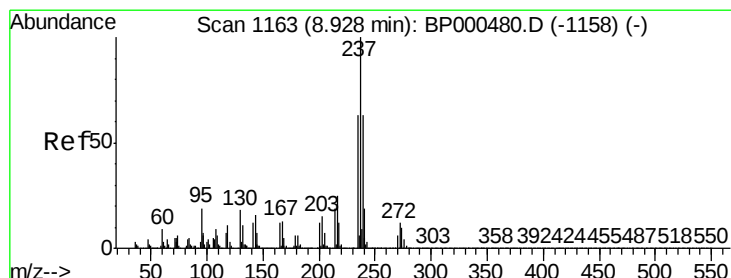
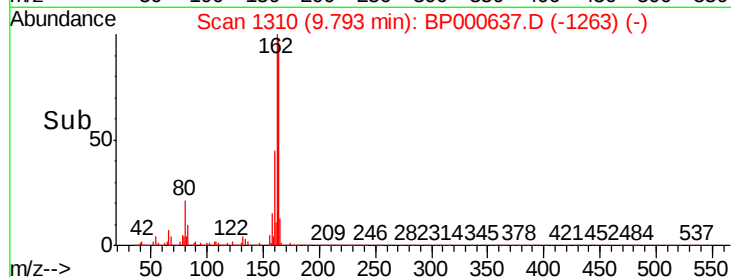
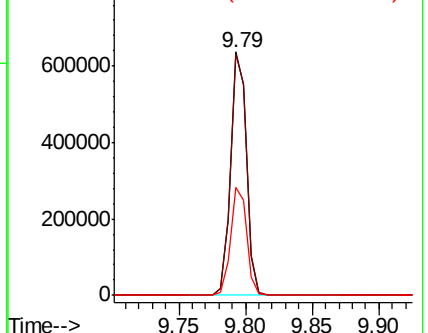
160 44.3 37.6 56.4



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



#41

Hexachlorocyclopentadiene

Concen: 7.300 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

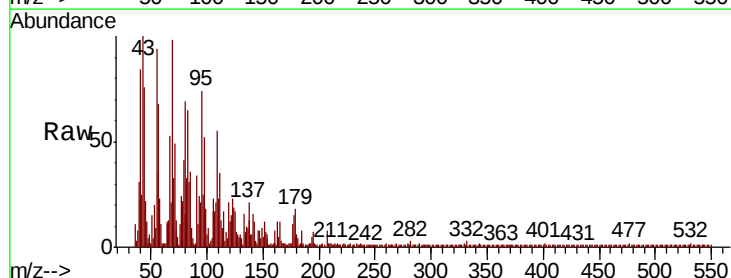
Tgt Ion:237 Resp: 25

Ion Ratio Lower Upper

237 100

235 46.2 42.9 82.9

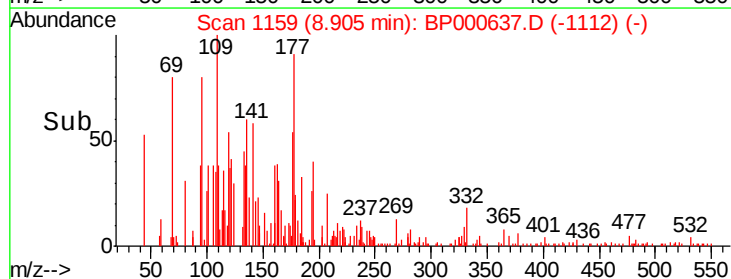
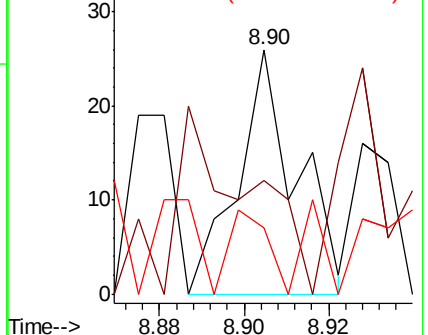
272 26.9 0.0 32.4

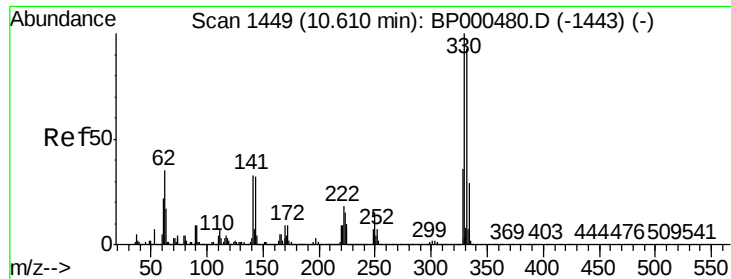


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

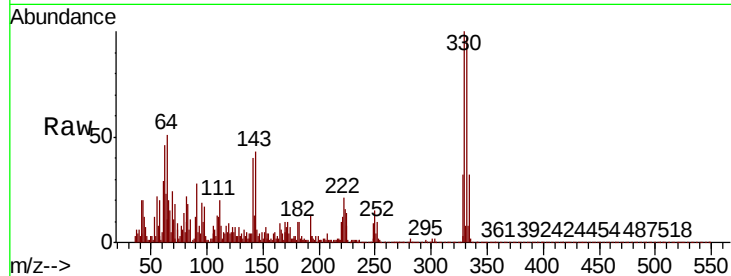




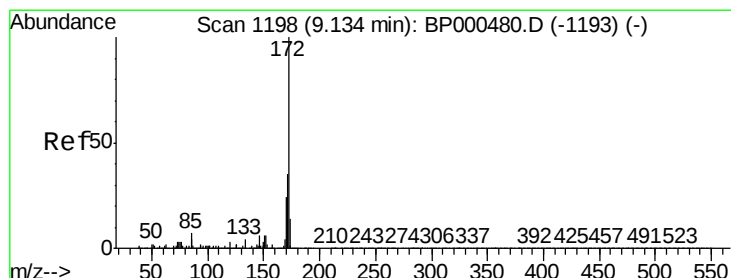
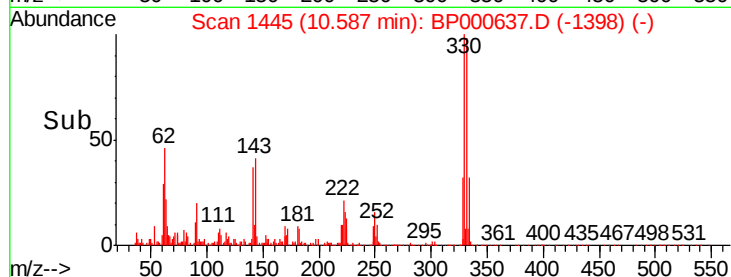
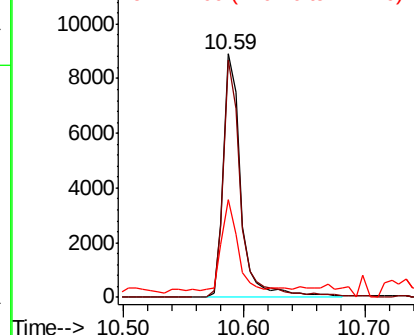
#42
 2,4,6-Tribromophenol
 Concen: 1.558 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BP000637.D
 Acq: 11 Oct 2019 17:34

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:330 Resp: 8886
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 33.6 26.0 39.0

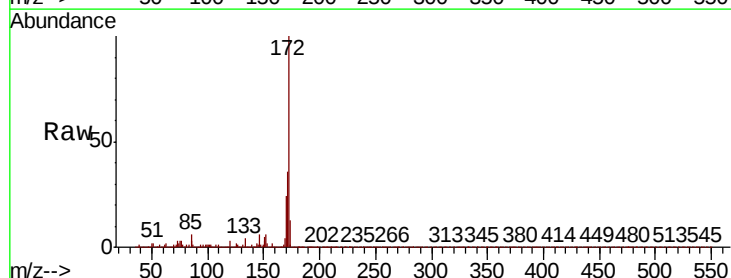


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

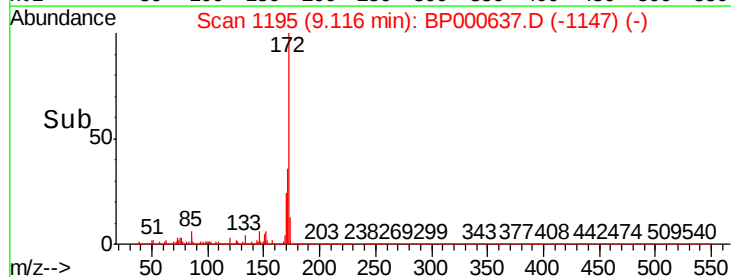
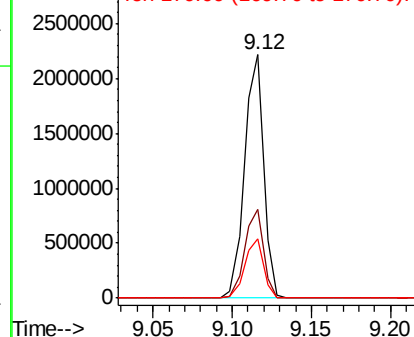


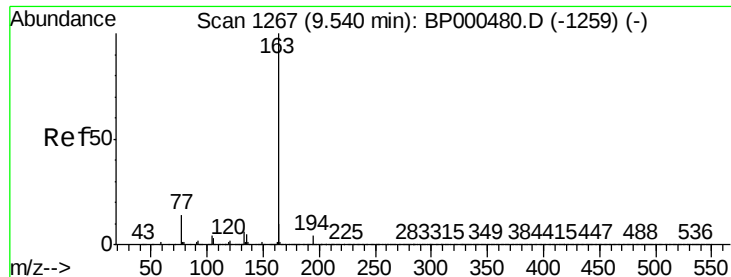
#45
 2-Fluorobiphenyl
 Concen: 55.805 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000637.D
 Acq: 11 Oct 2019 17:34

Tgt Ion:172 Resp: 1845533
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.4 42.6
 170 24.1 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

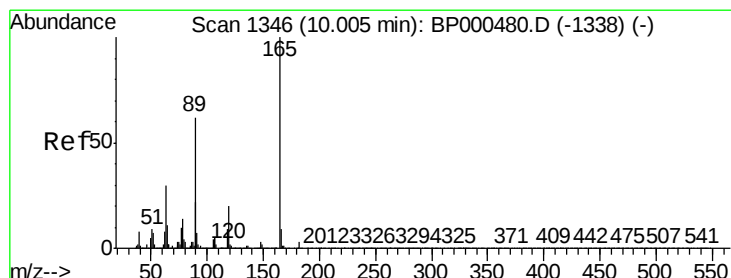
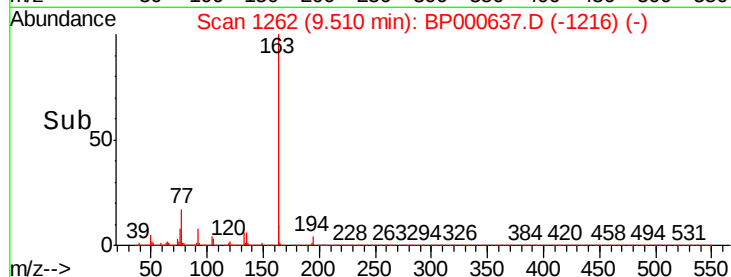
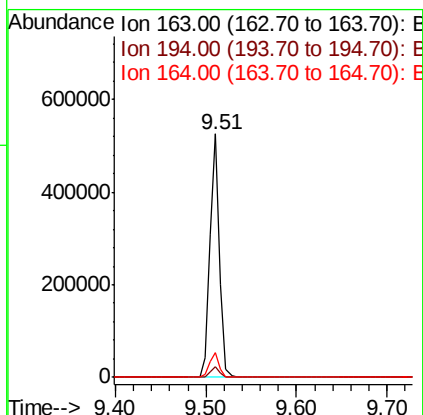
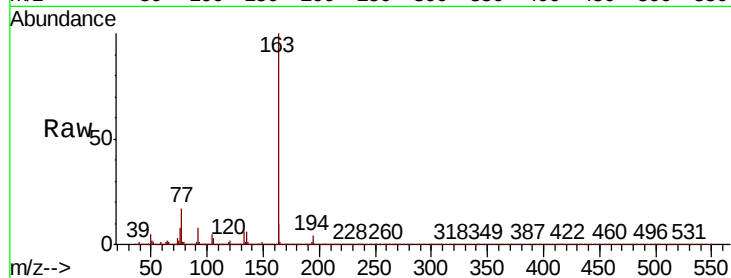




#50
Dimethylphthalate
Concen: 10.489 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

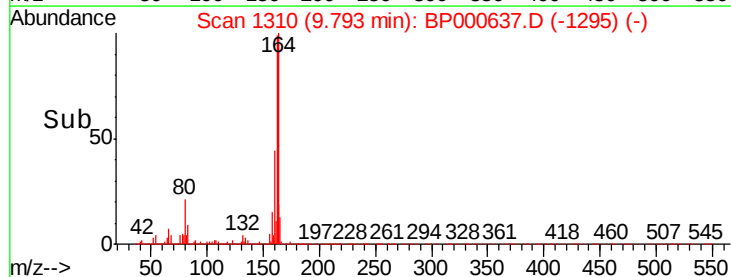
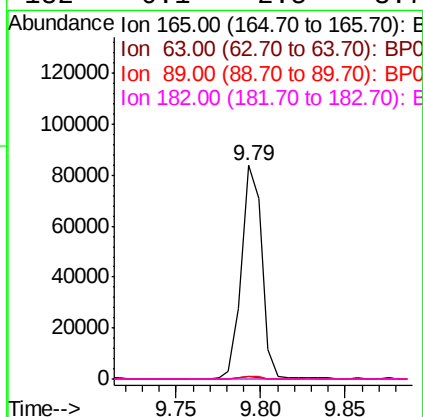
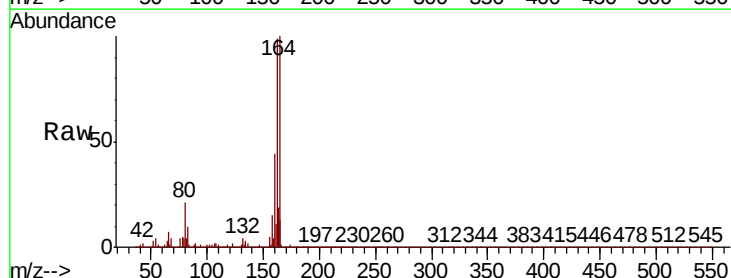
Instrument :
BNA_P
ClientSampleId :

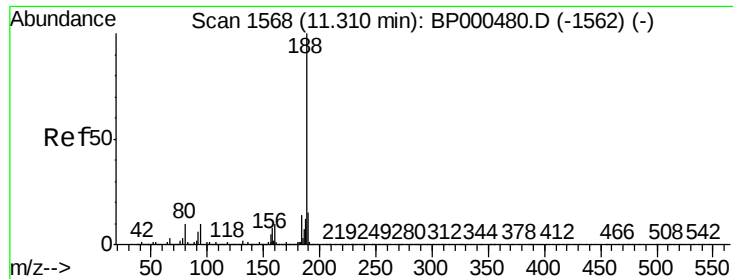
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.491 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000637.D
Acq: 11 Oct 2019 17:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.1	49.4	74.0#
182	0.1	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

Instrument :

BNA_P

ClientSampleId :

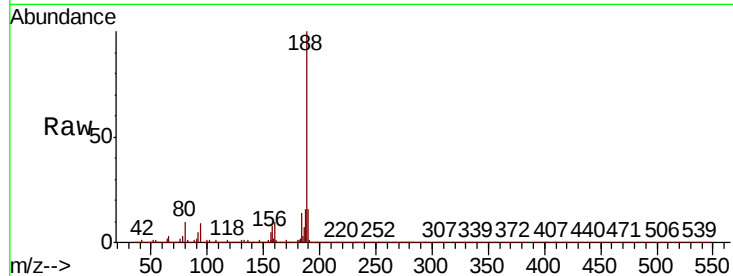
Tot Ion:188 Resp: 1006768

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

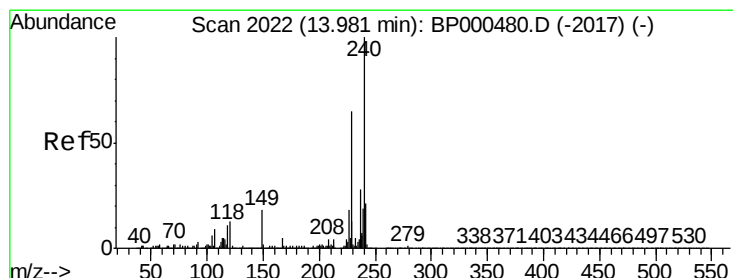
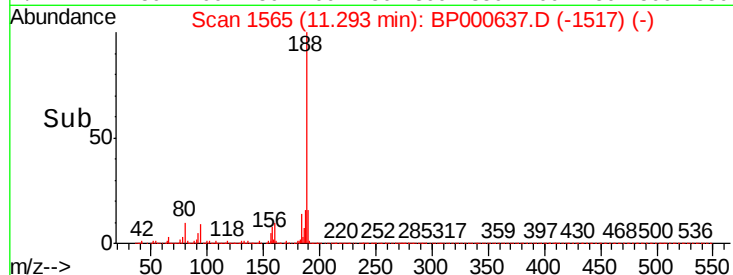
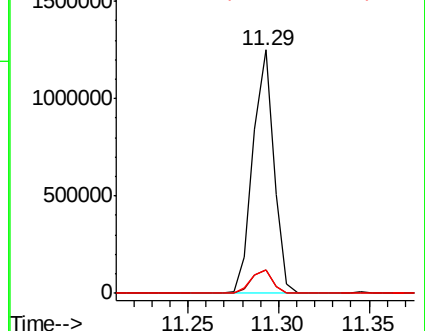
80 9.7 8.3 12.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

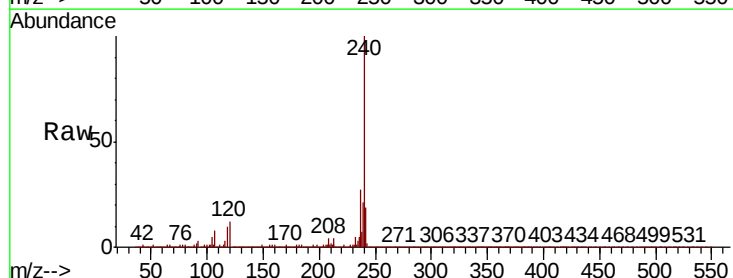
Tgt Ion:240 Resp: 853241

Ion Ratio Lower Upper

240 100

120 11.8 10.1 15.1

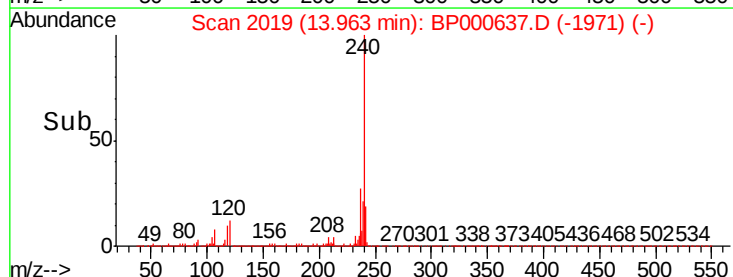
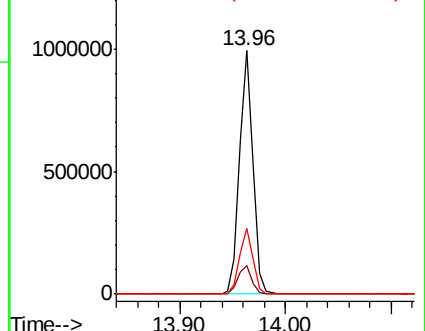
236 26.7 22.7 34.1

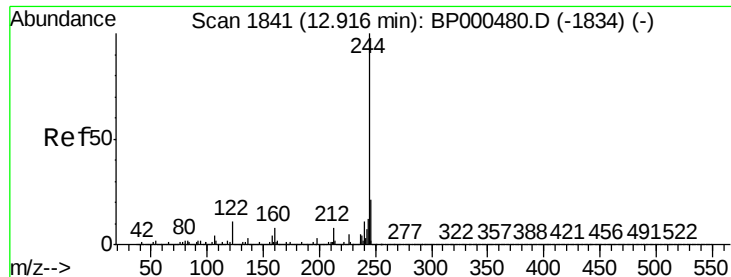


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.498 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

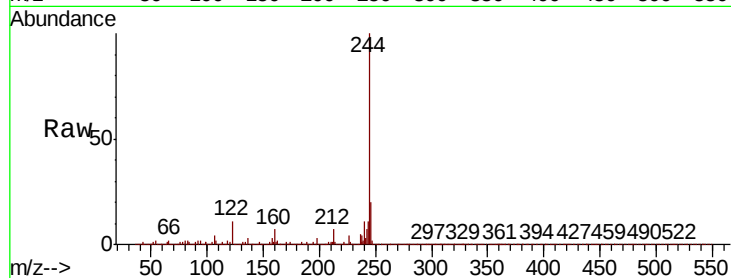
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 2254471

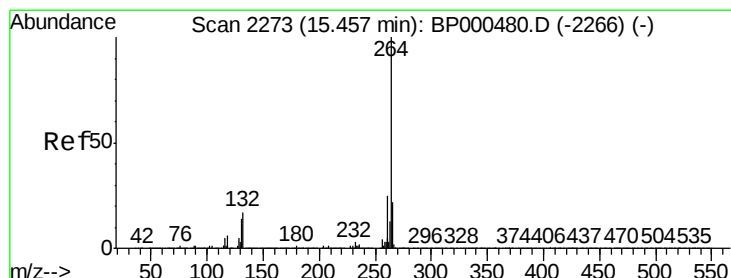
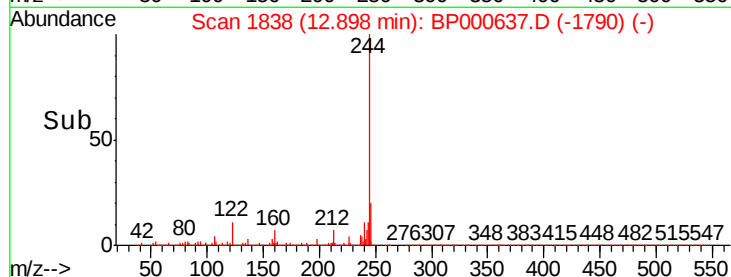
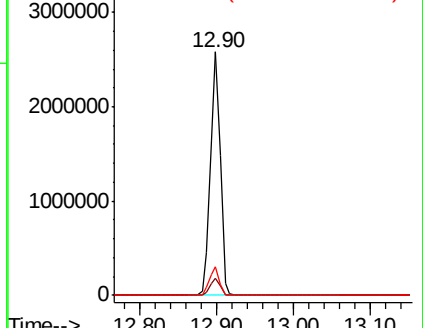
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.5	8.9	13.3



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: 15.44 min Scan# 2270

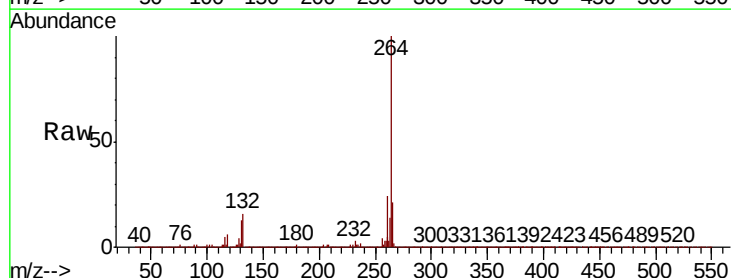
Delta R.T. -0.02 min

Lab File: BP000637.D

Acq: 11 Oct 2019 17:34

Tgt Ion:264 Resp: 906209

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

