

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000691.D
 Acq On : 13 Oct 2019 00:49
 Operator : JU
 Sample : K5348-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:40:28 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	220969	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	797321	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	437592	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	793976	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	679958	20.00	ng	-0.02
87) Perylene-d12	15.44	264	763497	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	59151	4.30	ng	-0.02
7) Phenol-d6	6.39	99	591928	35.73	ng	-0.02
23) Nitrobenzene-d5	7.31	82	833785	63.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	20516	4.40	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1727000	63.86	ng	-0.02
79) Terphenyl-d14	12.90	244	1951751	58.12	ng	-0.02

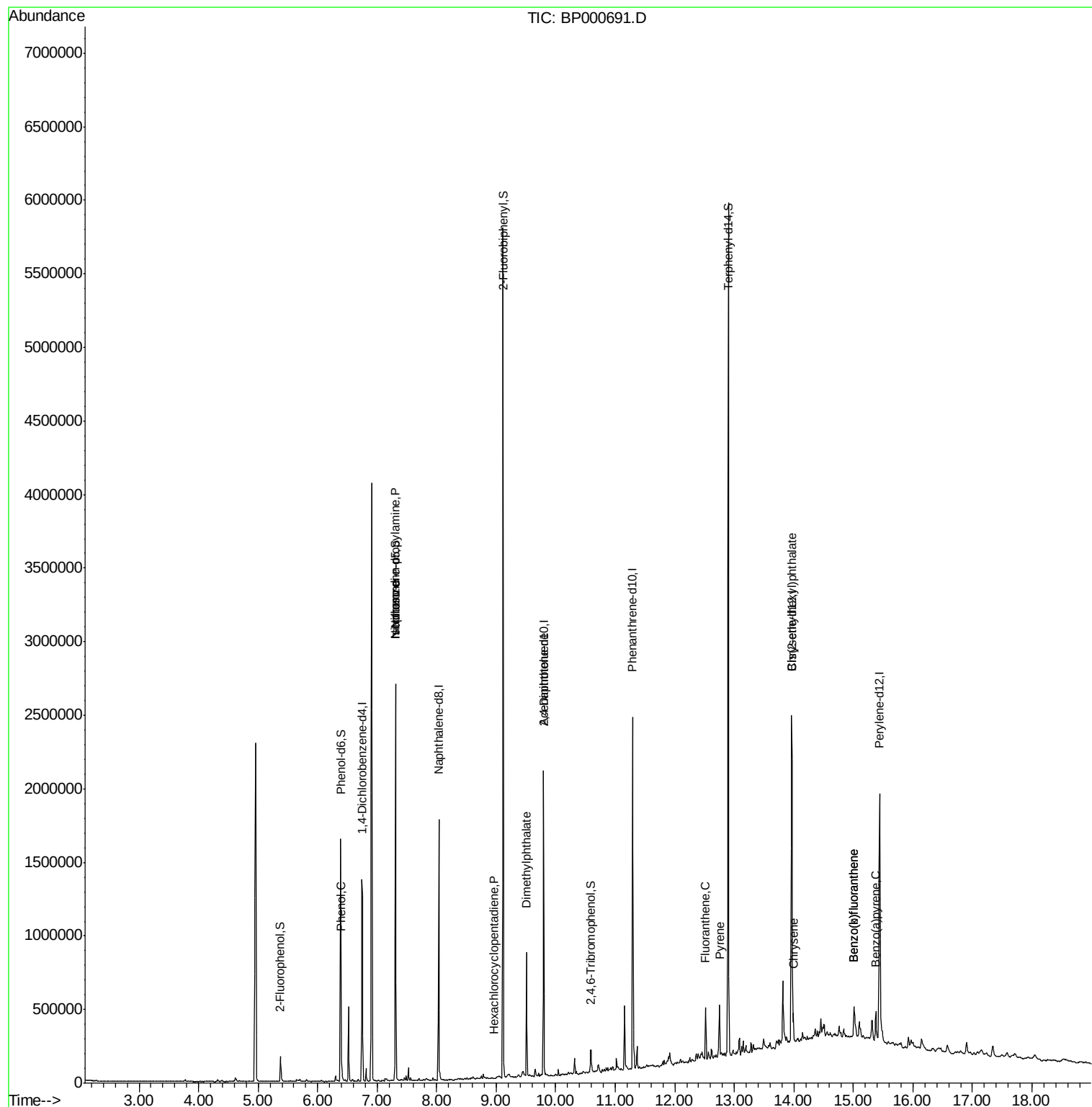
Target Compounds				Qvalue		
10) Phenol	6.40	94	62596	3.691	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	103134	13.507	ng	# 72
25) Isophorone	7.31	82	833213	35.962	ng	# 61
41) Hexachlorocyclopentadiene	8.96	237	12	7.299	ng	84
50) Dimethylphthalate	9.51	163	303254	9.973	ng	100
57) 2,4-Dinitrotoluene	9.80	165	57078	6.492	ng	# 31
75) Fluoranthene	12.52	202	137169	3.063	ng	97
78) Pyrene	12.75	202	141336	3.014	ng	98
83) Chrysene	13.99	228	84223	2.068	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	84358	3.282	ng	99
88) Benzo(b)fluoranthene	15.01	252	151800	3.505	ng	# 95
89) Benzo(k)fluoranthene	15.01	252	151800	3.681	ng	# 96
90) Benzo(a)pyrene	15.37	252	87980	2.179	ng	# 94

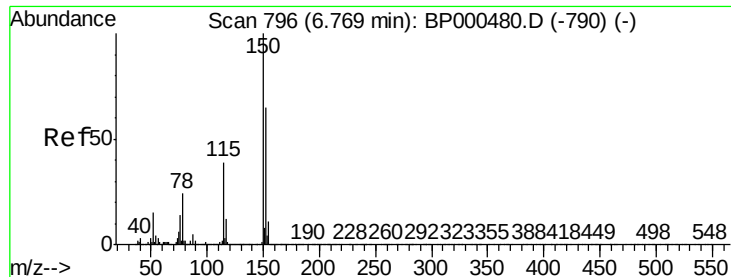
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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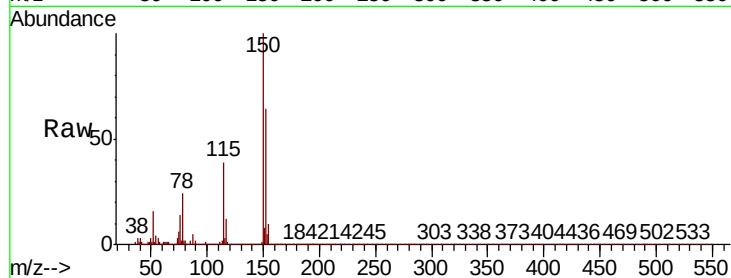


#1

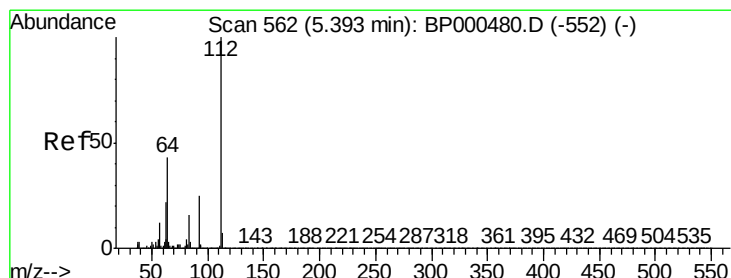
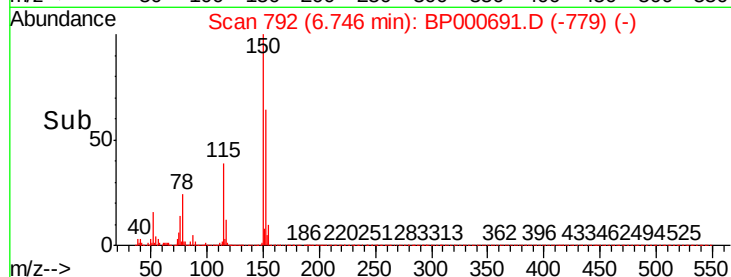
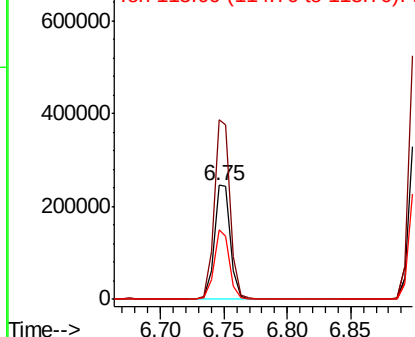
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.1	186.1
115	61.2	48.7	73.1



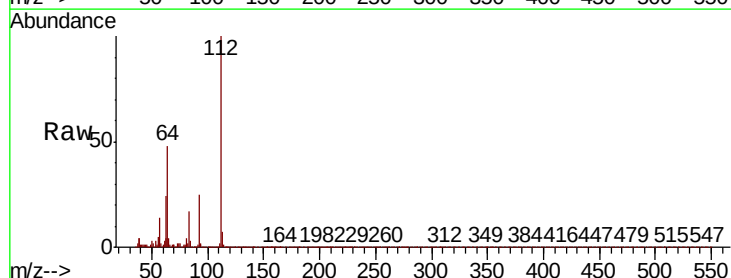
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



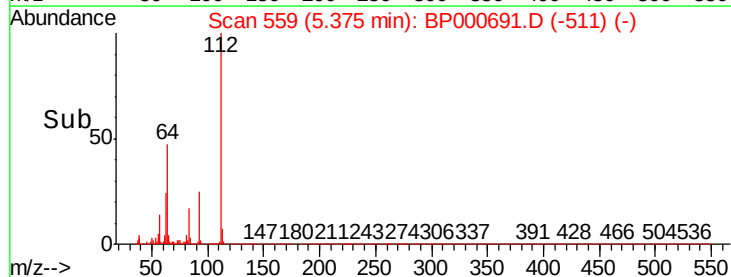
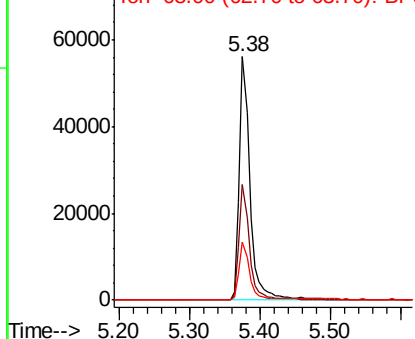
#5

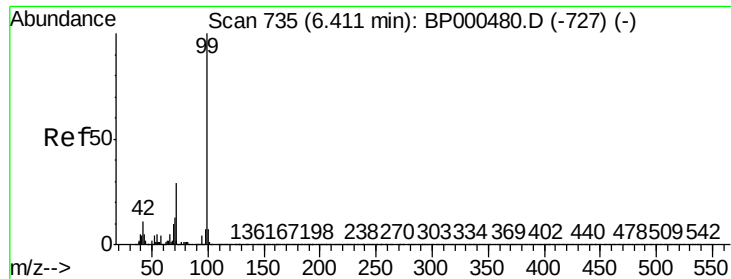
2-Fluorophenol
Concen: 4.303 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	34.2	51.4
63	23.9	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: 35.733 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :

BNA_P

ClientSampleId :

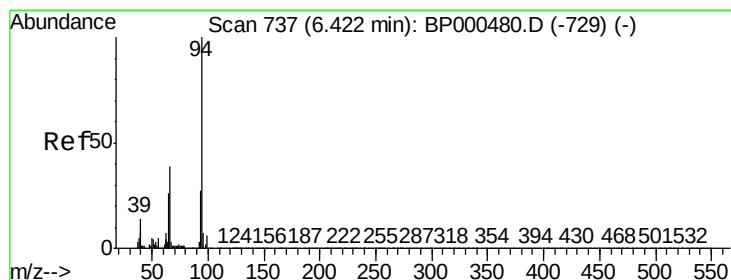
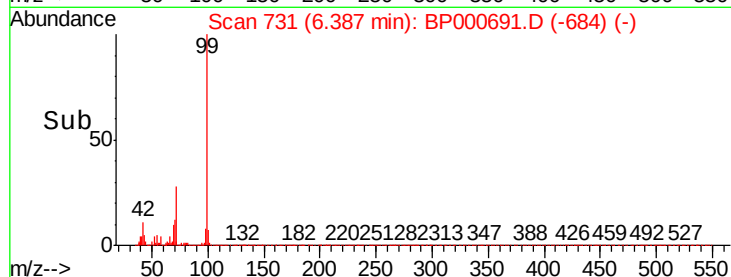
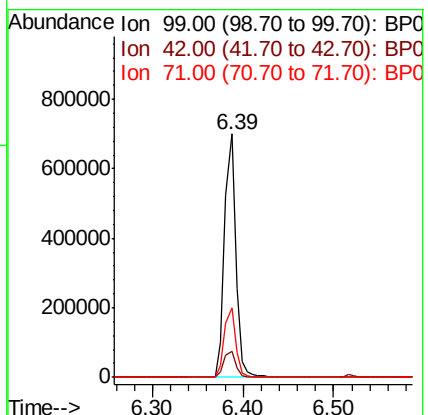
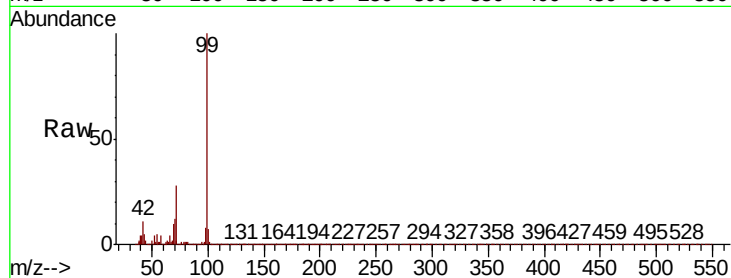
Tot Ion: 99 Resp: 591928

Ion Ratio Lower Upper

99 100

42 10.9 8.6 12.8

71 28.4 23.0 34.4



#10

Phenol

Concen: 3.691 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

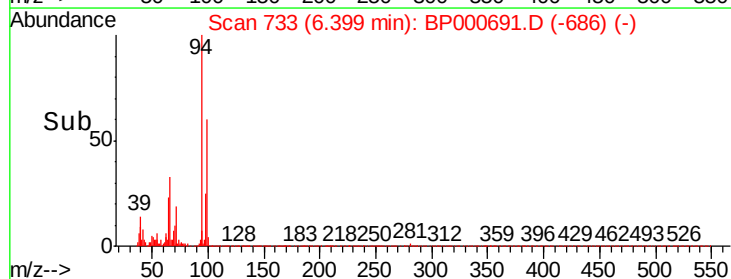
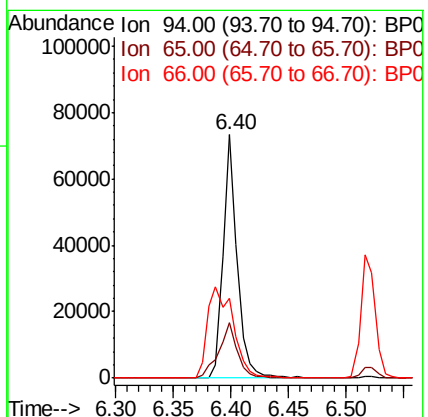
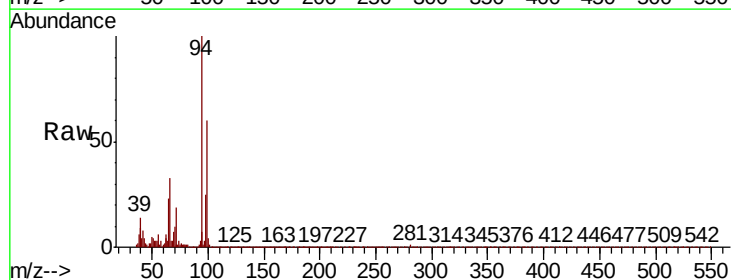
Tgt Ion: 94 Resp: 62596

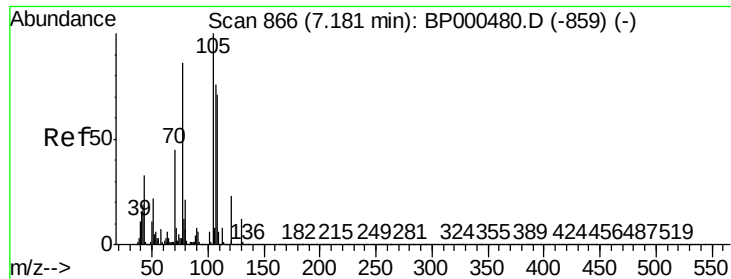
Ion Ratio Lower Upper

94 100

65 22.9 5.9 45.9

66 32.8 18.8 58.8

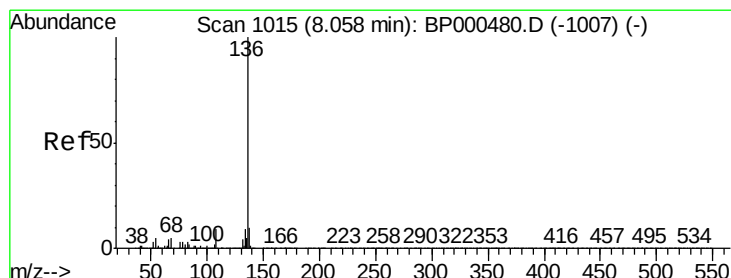
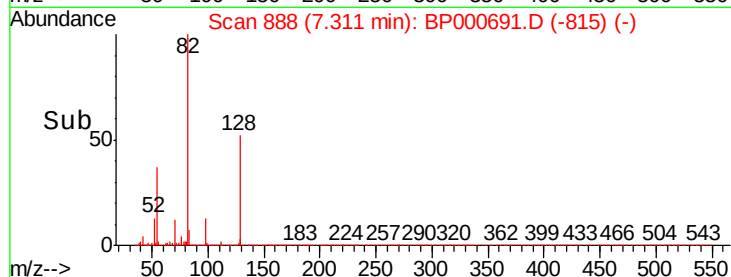
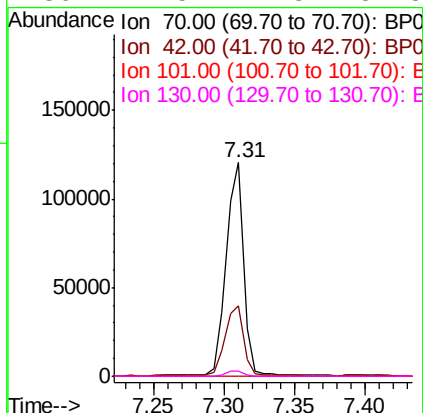
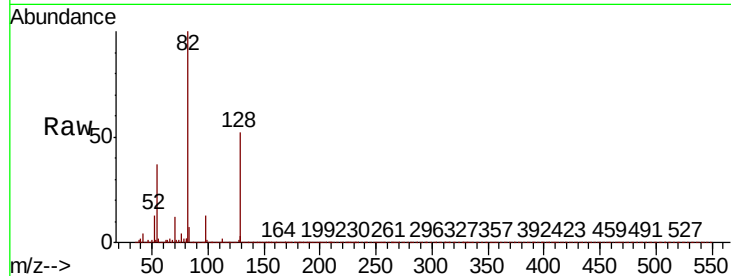




#19
n-Nitroso-di-n-propylamine
Concen: 13.507 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

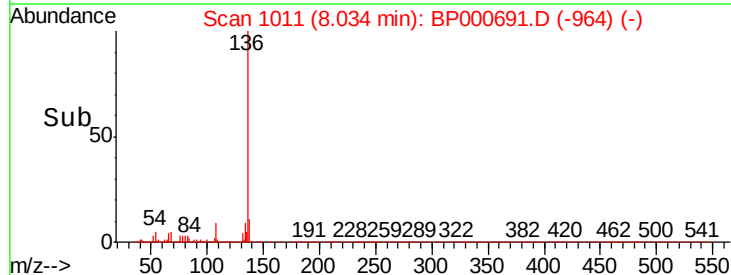
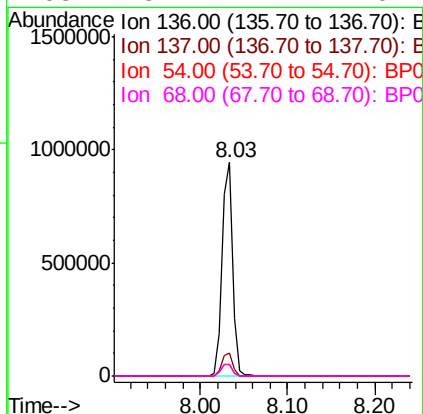
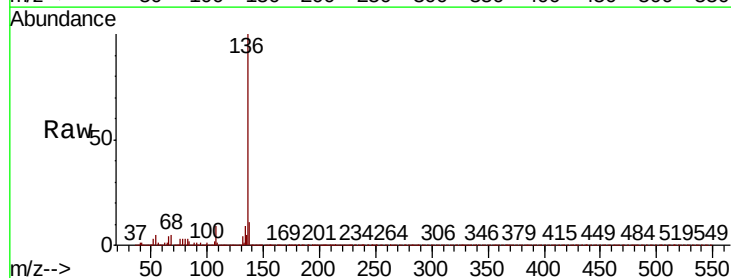
Instrument :
BNA_P
ClientSampleId :

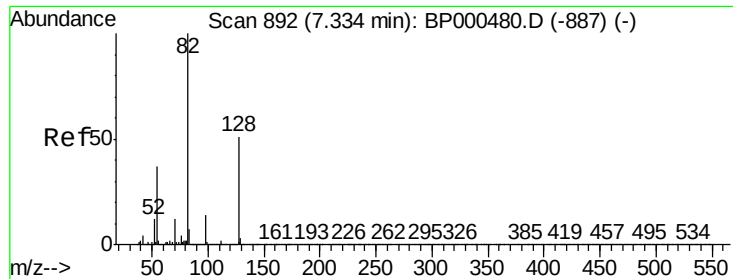
Tot Ion:	70	Resp:	103134
Ion	Ratio	Lower	Upper
70	100		
42	33.1	33.2	49.8#
101	0.1	9.9	14.9#
130	2.5	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion:	136	Resp:	797321
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.2	4.1	6.1
68	5.4	4.1	6.1

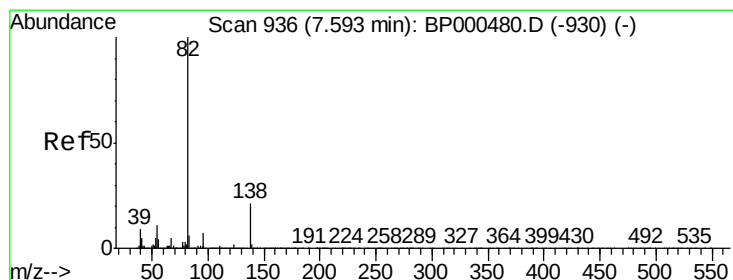
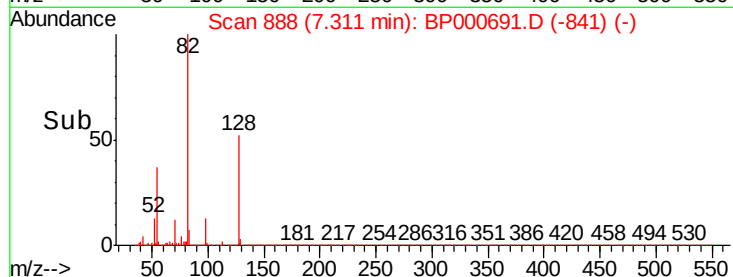
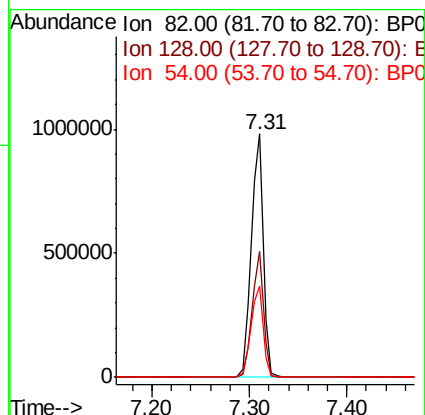
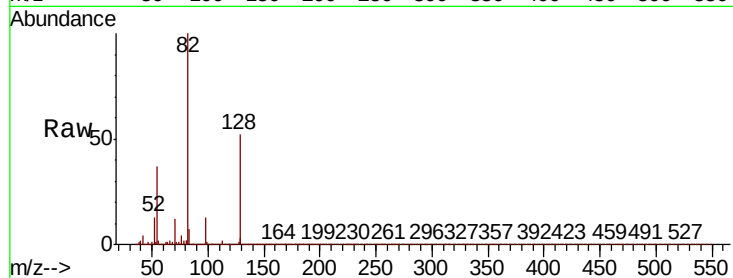




#23
Nitrobenzene-d5
Concen: 63.869 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

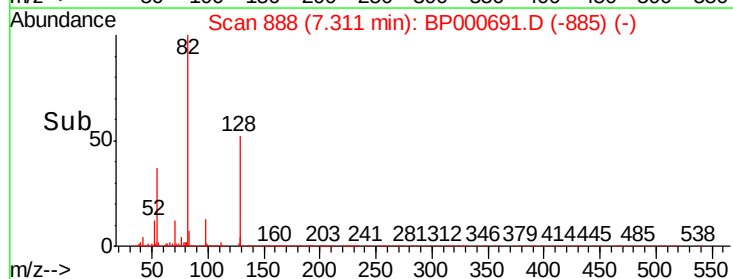
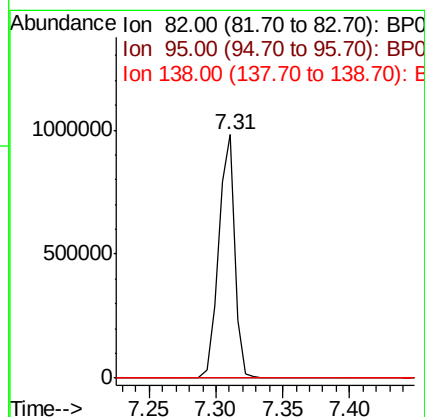
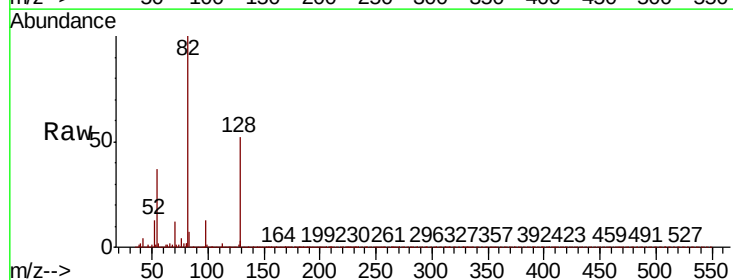
Instrument :
BNA_P
ClientSampleId :

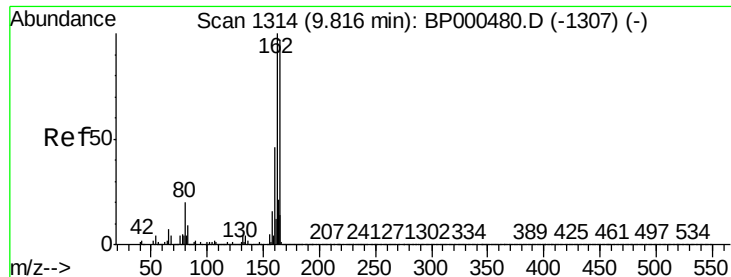
Tot Ion	82	Resp	833785
Ion Ratio	Lower	Upper	
82	100		
128	51.7	40.9	61.3
54	37.3	29.4	44.2



#25
Isophorone
Concen: 35.962 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	82	Resp	833213
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

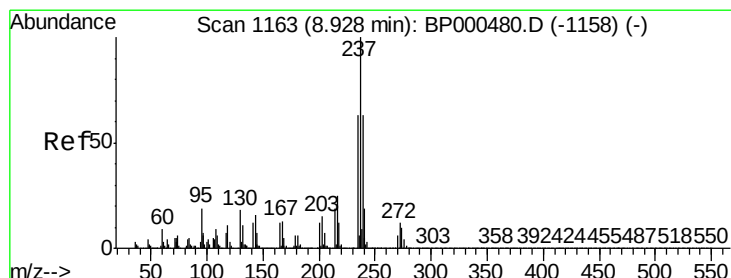
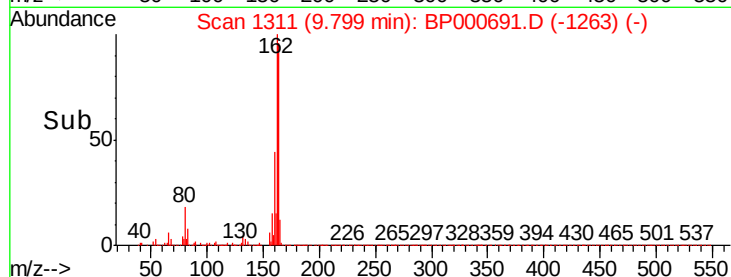
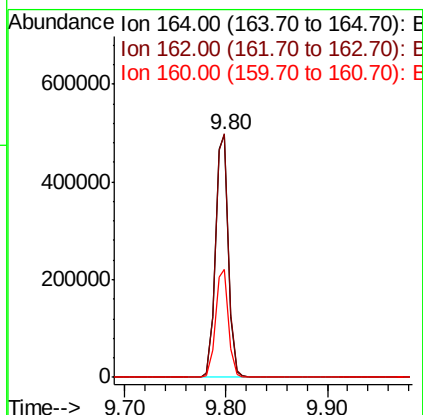
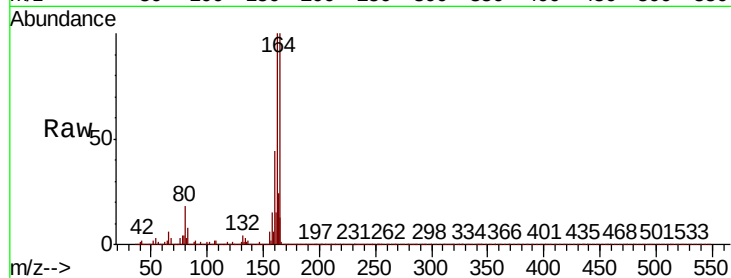




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

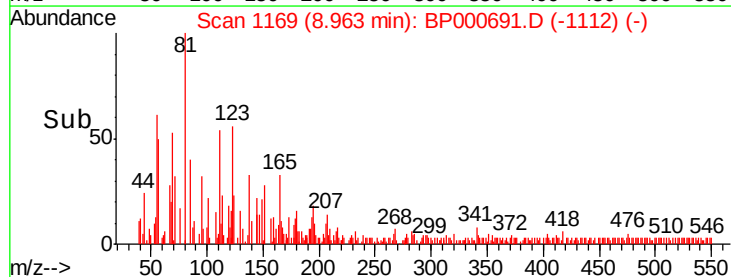
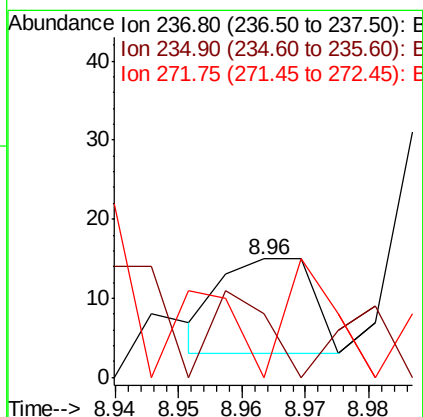
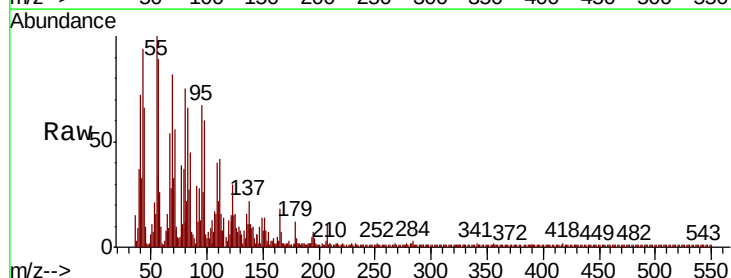
Instrument :
BNA_P
ClientSampleId :

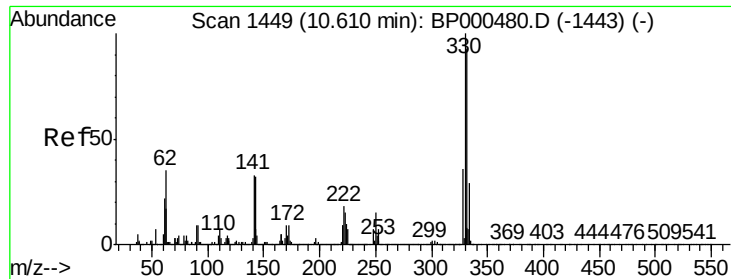
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.2	123.2
160	44.4	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.04 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
237	100		
235	53.3	42.9	82.9
272	0.0	0.0	32.4

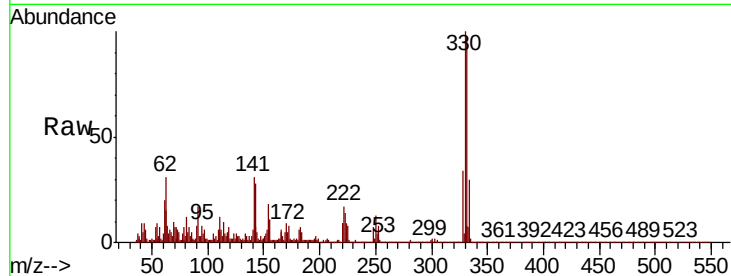




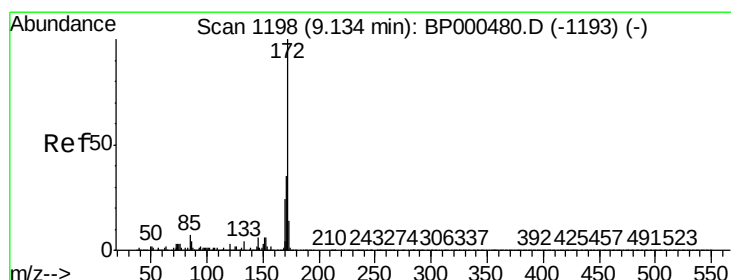
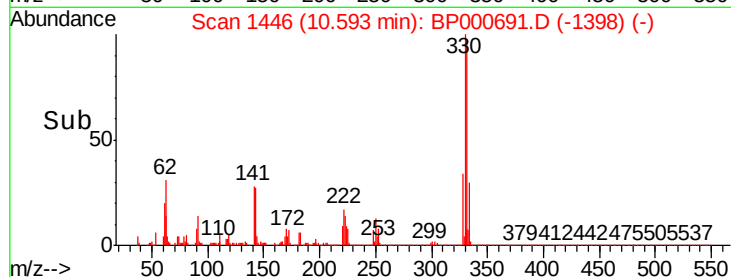
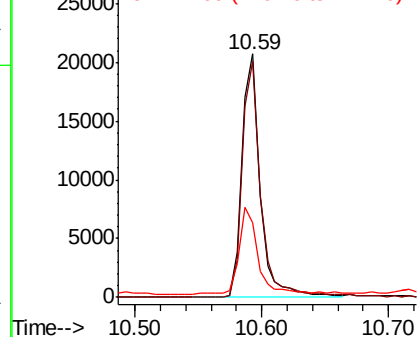
#42
2,4,6-Tribromophenol
Concen: 4.400 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 20516
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 37.1 26.0 39.0

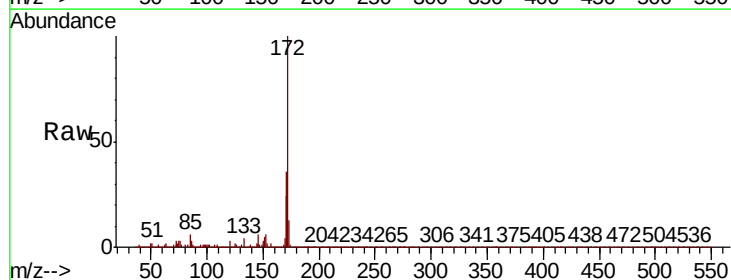


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

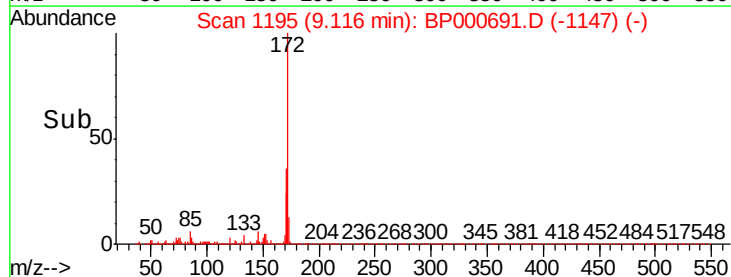
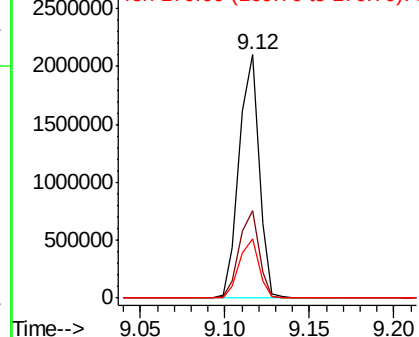


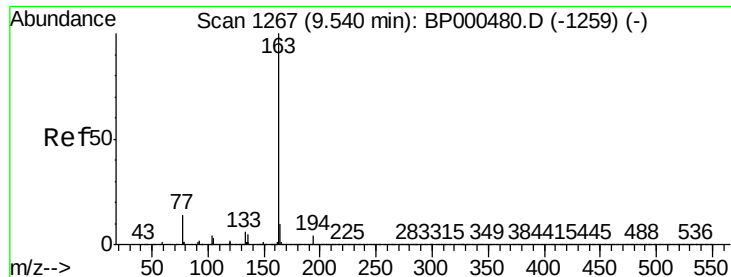
#45
2-Fluorobiphenyl
Concen: 63.856 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion:172 Resp: 1727000
Ion Ratio Lower Upper
172 100
171 36.0 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: 9.973 ng

RT: 9.51 min Scan# 1262

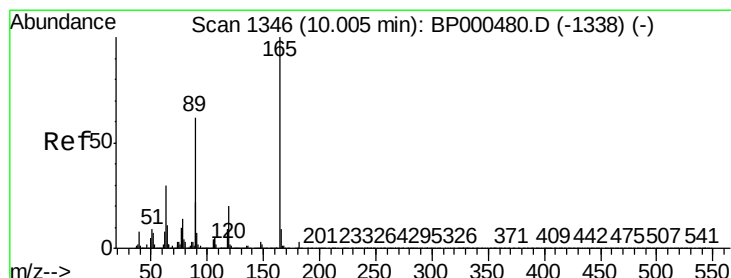
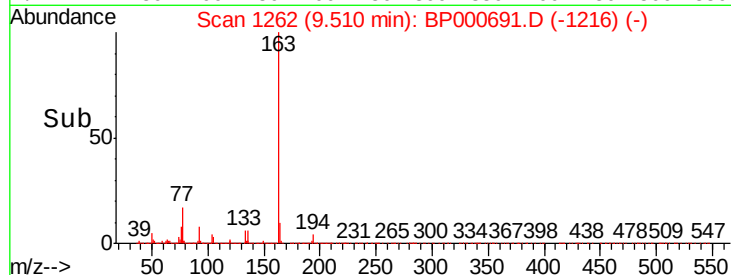
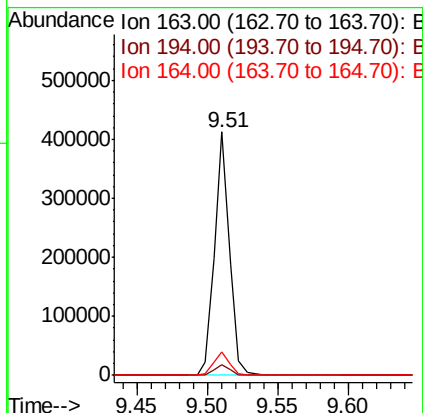
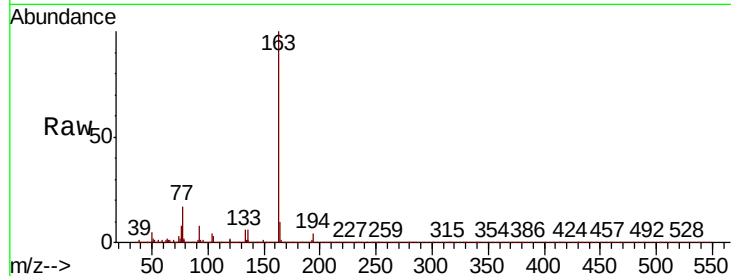
Delta R.T. -0.03 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampled :

Tot Ion:163	Resp:	303254
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.4 5.2
164	9.8	8.0 12.0



#57

2,4-Dinitrotoluene

Concen: 6.492 ng

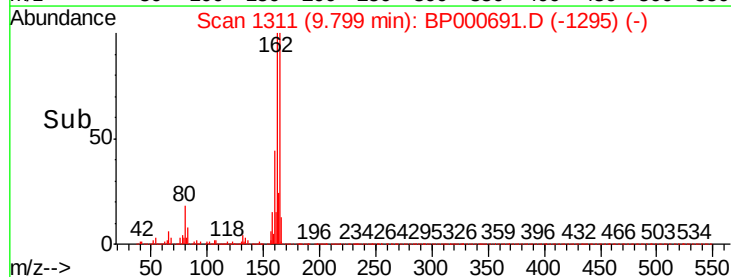
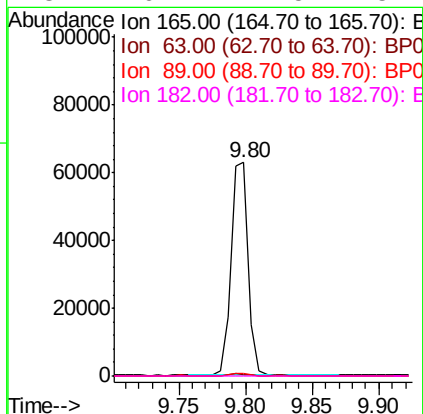
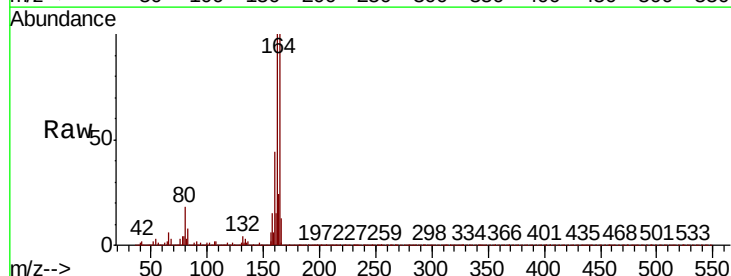
RT: 9.80 min Scan# 1311

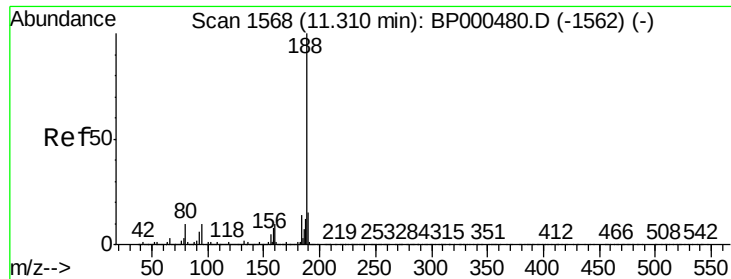
Delta R.T. -0.21 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Tgt Ion:165	Resp:	57078
Ion Ratio	Lower	Upper
165	100	
63	0.9	24.2 36.4#
89	1.3	49.4 74.0#
182	0.2	2.5 3.7#

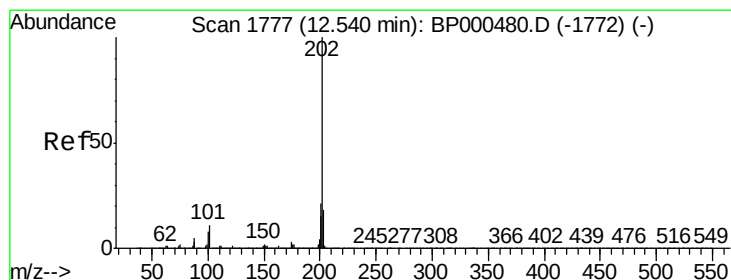
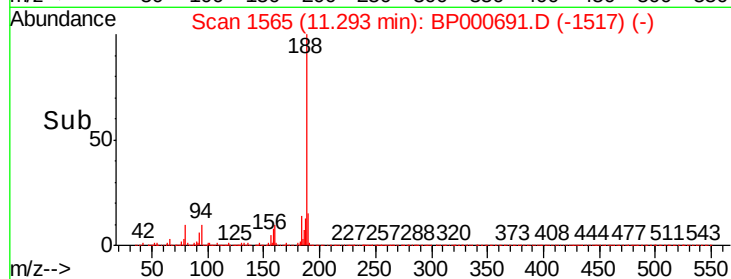
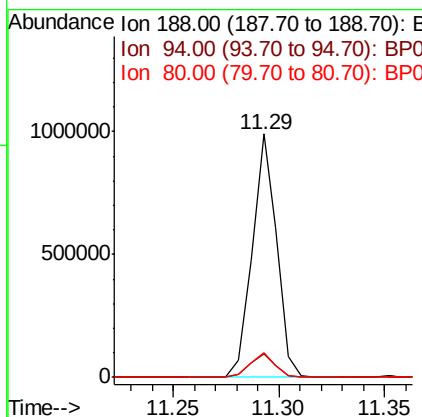
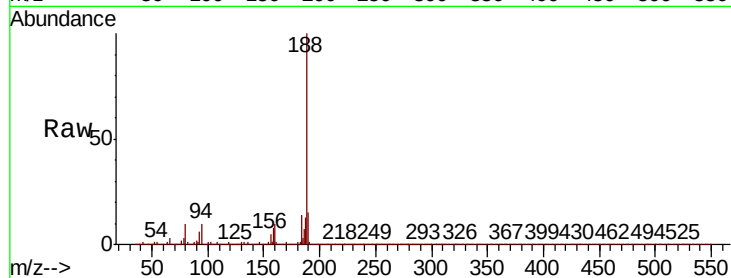




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

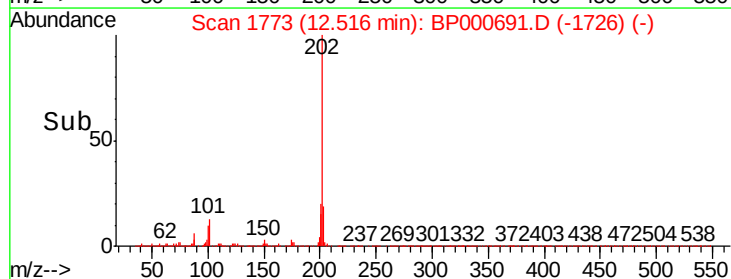
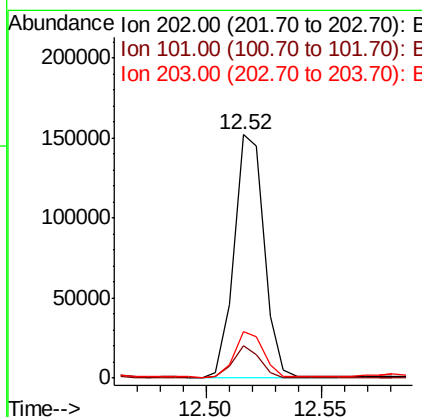
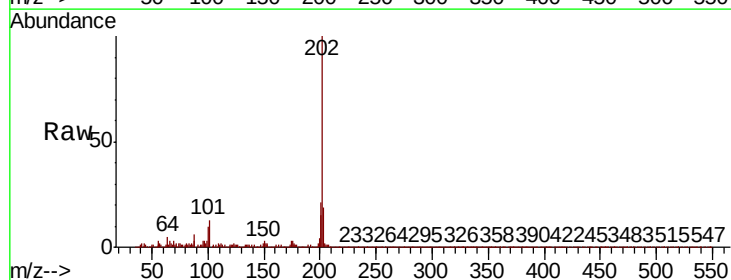
Instrument :
BNA_P
ClientSampled :

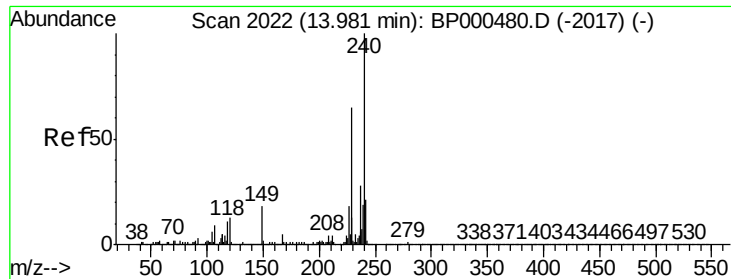
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.1	8.3	12.5



#75
Fluoranthene
Concen: 3.063 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.3
203	19.2	0.0	38.1

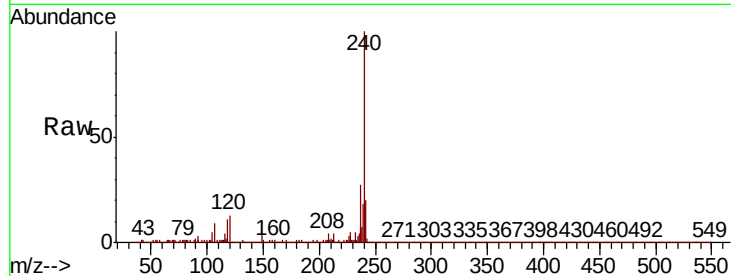




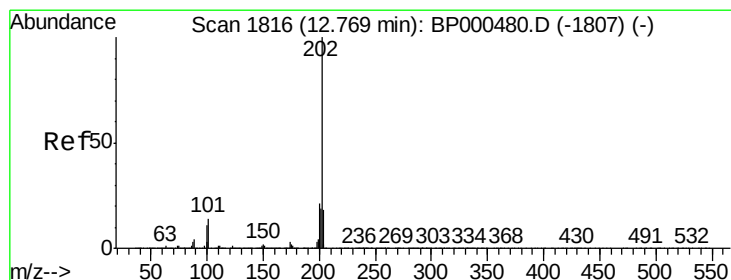
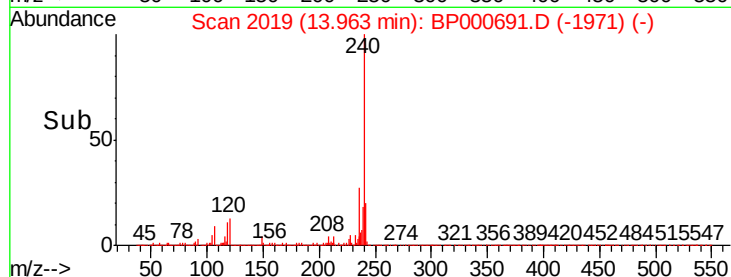
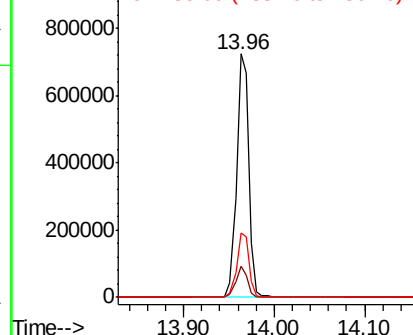
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Instrument :
BNA_P
ClientSampled :

Tot Ion:240 Resp: 679958
Ion Ratio Lower Upper
240 100
120 12.9 10.1 15.1
236 26.5 22.7 34.1

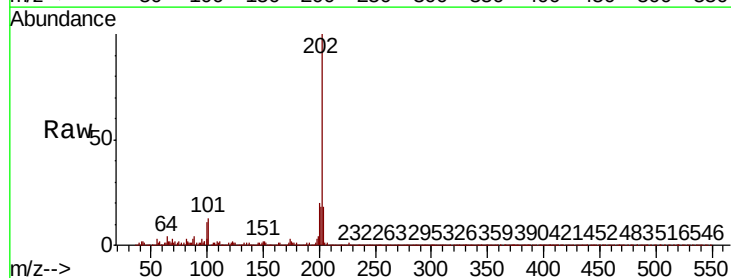


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

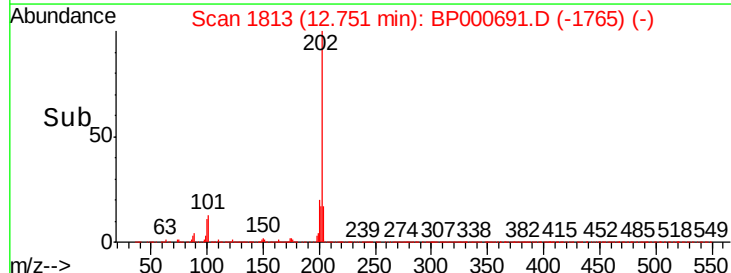
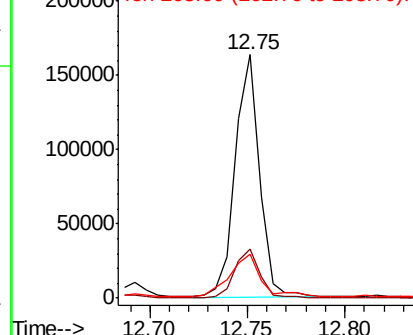


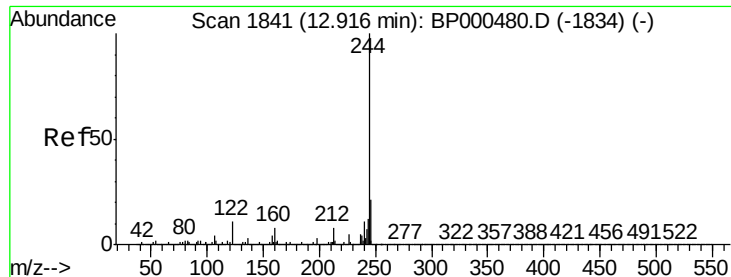
#78
Pyrene
Concen: 3.014 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion:202 Resp: 141336
Ion Ratio Lower Upper
202 100
200 20.4 17.1 25.7
203 17.9 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.118 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :

BNA_P

ClientSampled :

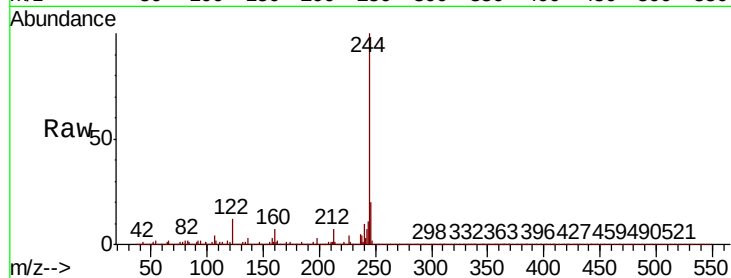
Tot Ion:244 Resp: 1951751

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.7 8.9 13.3

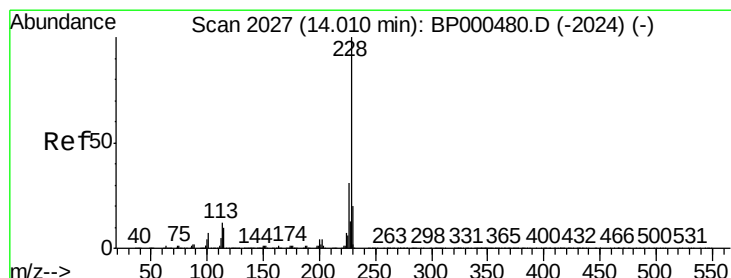
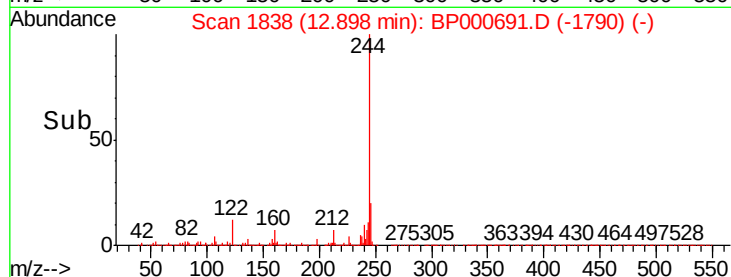
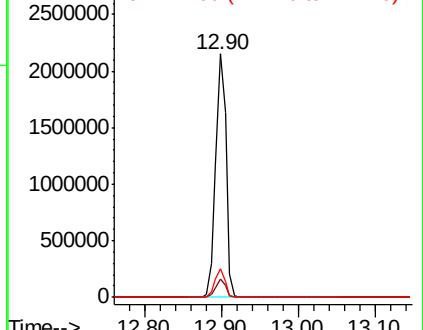


Abundance

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



#83

Chrysene

Concen: 2.068 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

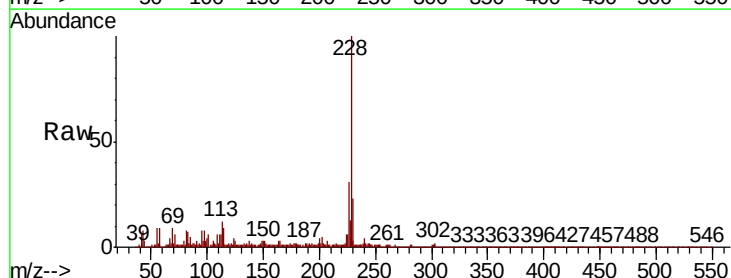
Tgt Ion:228 Resp: 84223

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 23.0 16.3 24.5

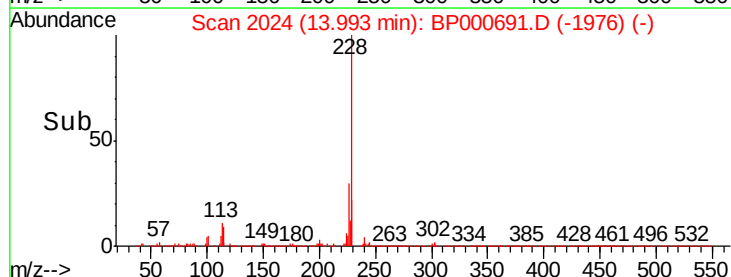
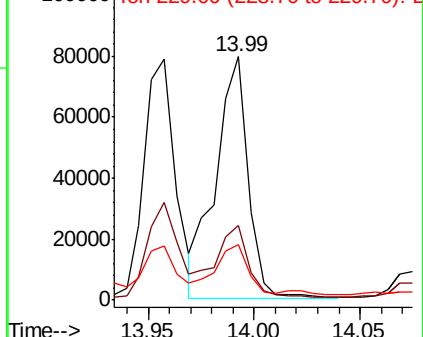


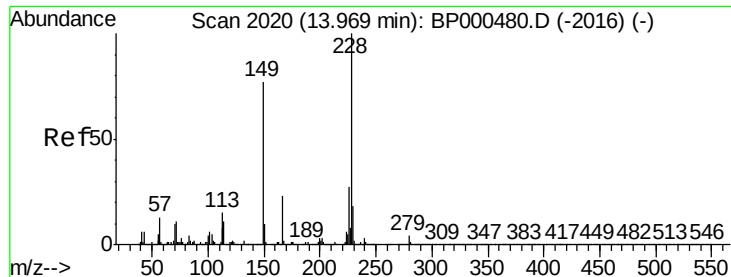
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.282 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :

BNA_P

ClientSampleId :

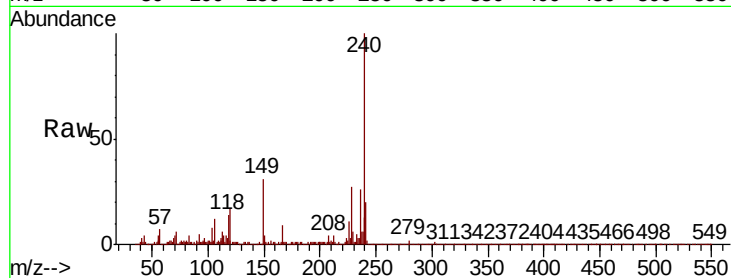
Tot Ion:149 Resp: 84358

Ion Ratio Lower Upper

149 100

167 28.8 23.6 35.4

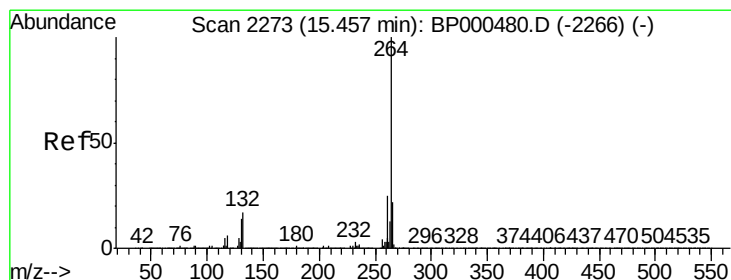
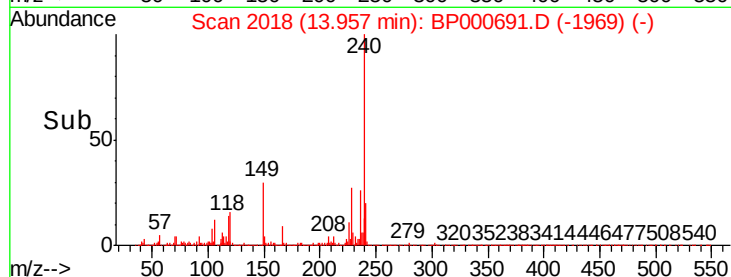
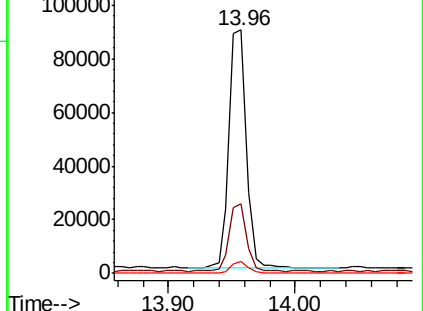
279 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

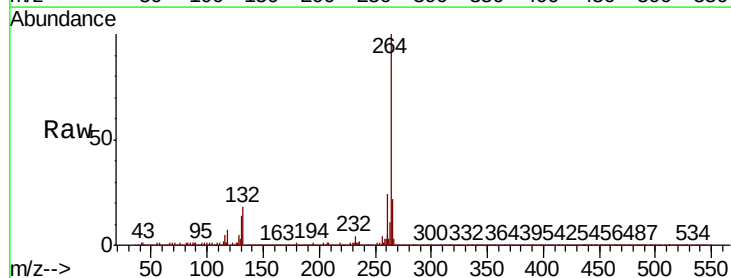
Tgt Ion:264 Resp: 763497

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

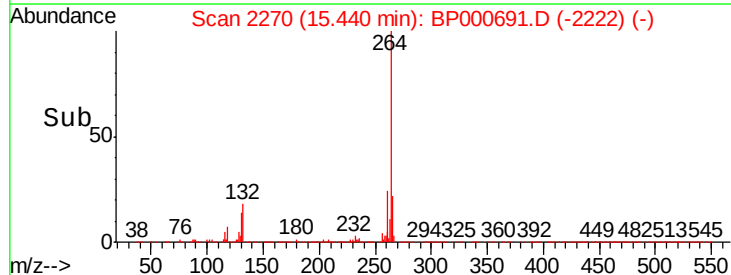
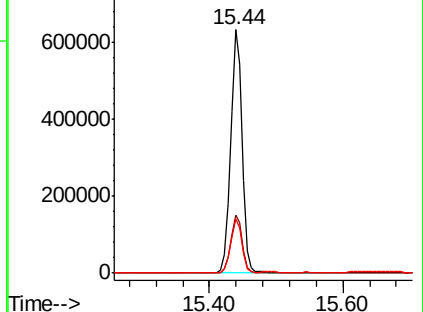
265 22.0 18.0 27.0

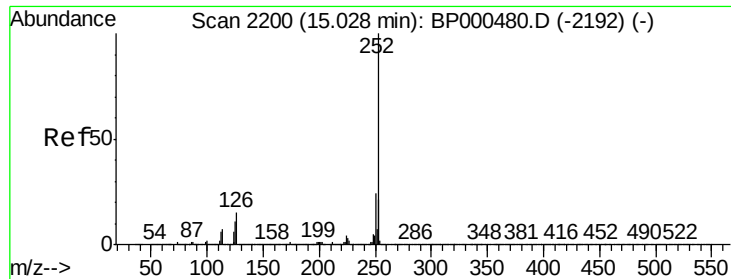


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

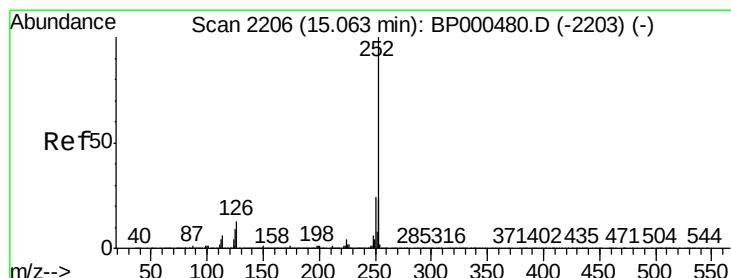
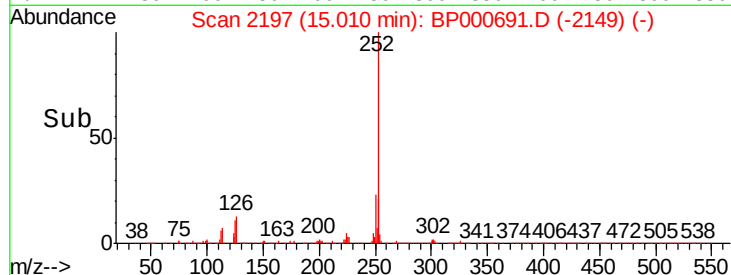
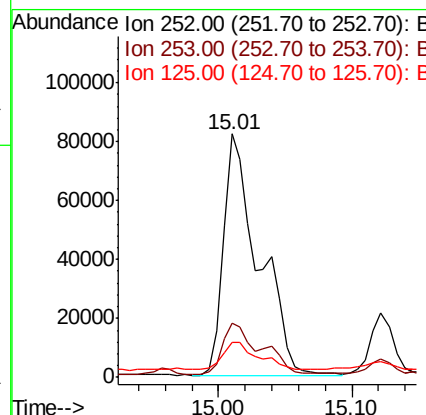
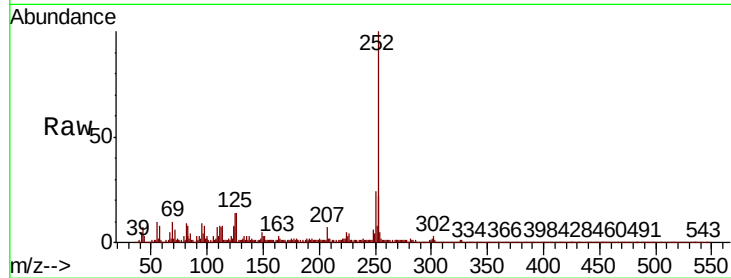




#88
Benzo(b)fluoranthene
Concen: 3.505 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

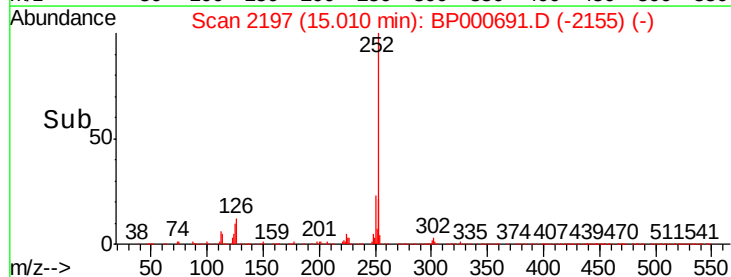
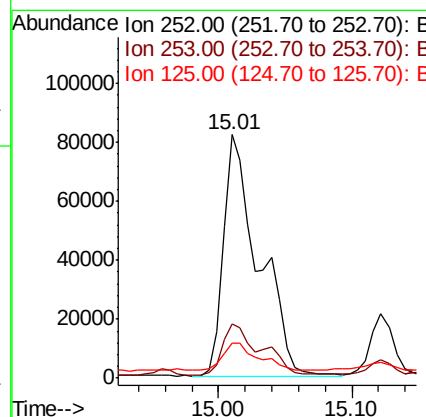
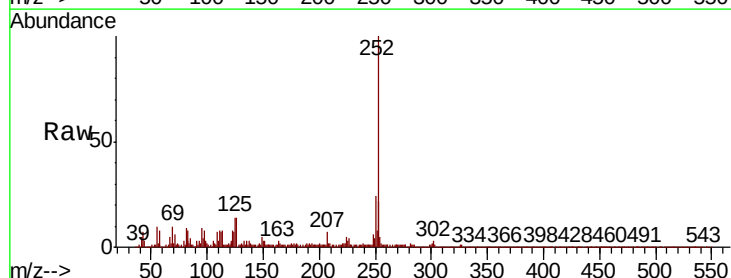
Instrument :
BNA_P
ClientSampleId :

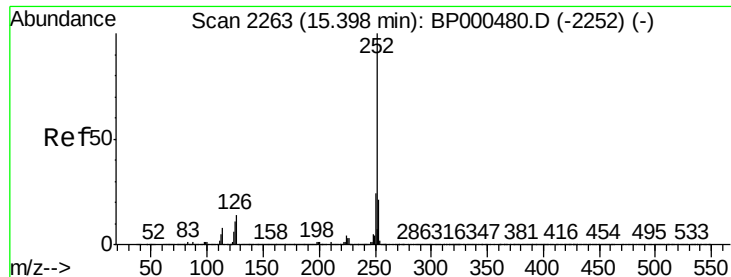
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	14.1	8.9	13.3



#89
Benzo(k)fluoranthene
Concen: 3.681 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.05 min
Lab File: BP000691.D
Acq: 13 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.1	7.8	11.8





#90

Benzo(a)pyrene

Concen: 2.179 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BP000691.D

Acq: 13 Oct 2019 00:49

Instrument :

BNA_P

ClientSampleId :

Tot Ion:252 Resp: 87980

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.6

125 14.4 8.4 12.6

