

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000627.D
 Acq On : 10 Oct 2019 19:40
 Operator : JU
 Sample : K5285-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-S

Quant Time: Oct 11 02:29:10 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	296881	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	1090581	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	590924	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1047985	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	856153	20.00	ng	-0.02
87) Perylene-d12	15.43	264	947396	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1422036	77.00	ng	-0.02
7) Phenol-d6	6.39	99	1826914	82.09	ng	-0.02
23) Nitrobenzene-d5	7.31	82	988802	55.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	469733	74.60	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1841301	50.42	ng	-0.02
79) Terphenyl-d14	12.90	244	1946550	46.03	ng	-0.02

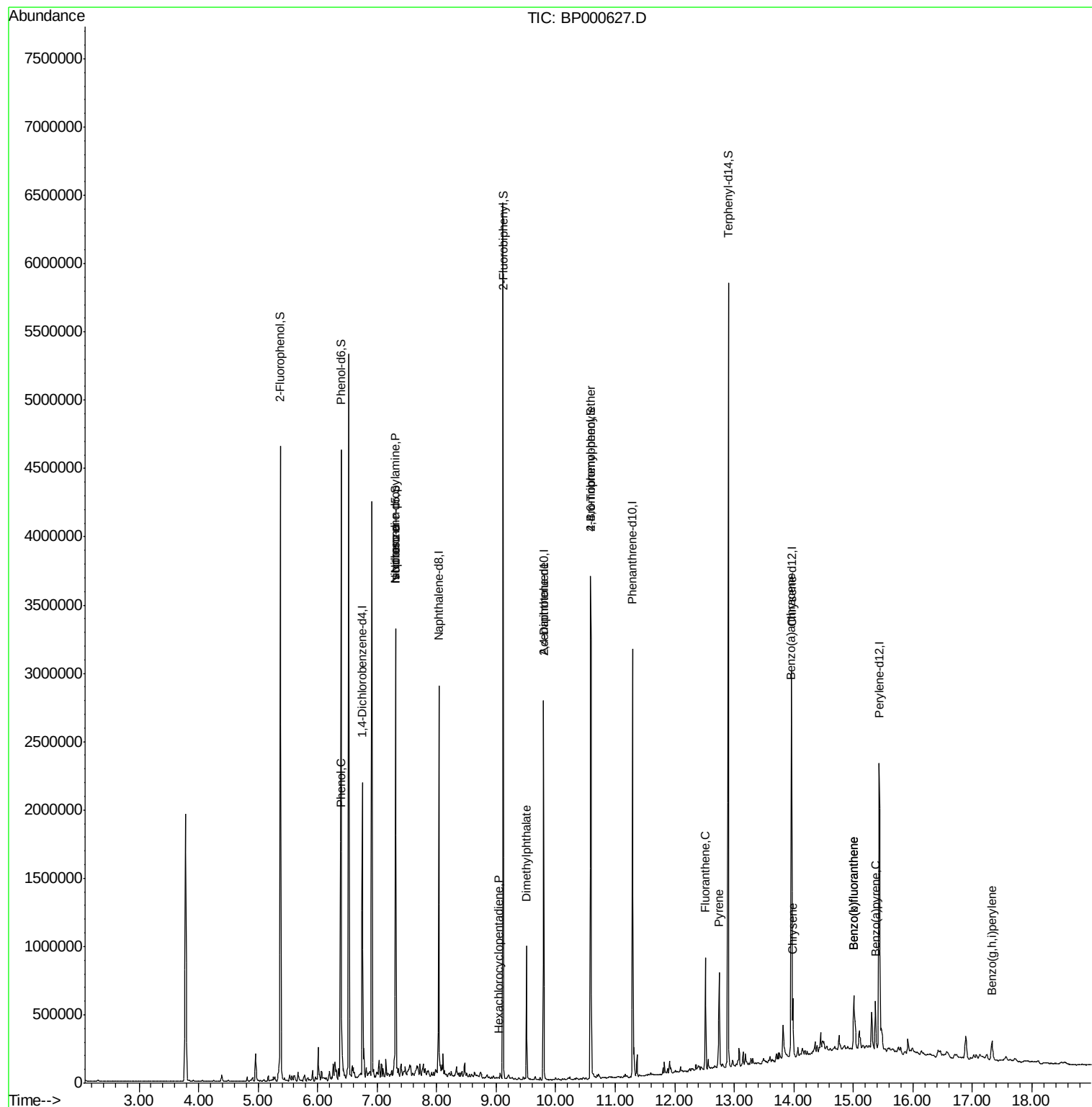
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.40	94	78199	3.432	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	129778	12.651	ng	# 74
25) Isophorone	7.31	82	983374	31.030	ng	# 61
41) Hexachlorocyclopentadiene	9.03	237	13	7.299	ng	75
50) Dimethylphthalate	9.51	163	356135	8.673	ng	99
57) 2,4-Dinitrotoluene	9.79	165	77682	6.543	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	32599	2.763	ng	# 1
75) Fluoranthene	12.52	202	288834	4.886	ng	98
78) Pyrene	12.75	202	265009	4.488	ng	99
81) Benzo(a)anthracene	13.95	228	168807	3.232	ng	95
83) Chrysene	13.99	228	145658	2.841	ng	97
88) Benzo(b)fluoranthene	15.01	252	298369	5.551	ng	98
89) Benzo(k)fluoranthene	15.01	252	298369	5.831	ng	97
90) Benzo(a)pyrene	15.37	252	160249	3.198	ng	96
92) Benzo(g,h,i)perylene	17.33	276	124039	2.512	ng	99

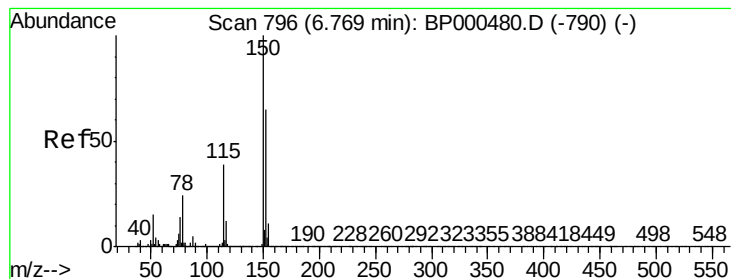
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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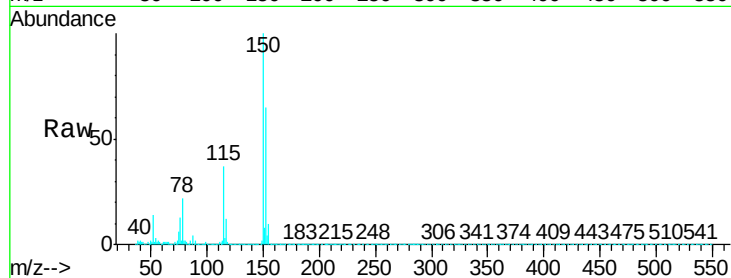


#1

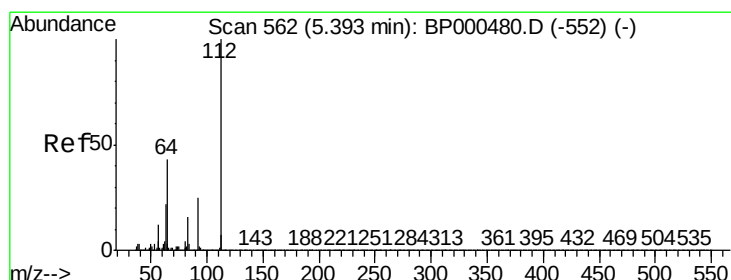
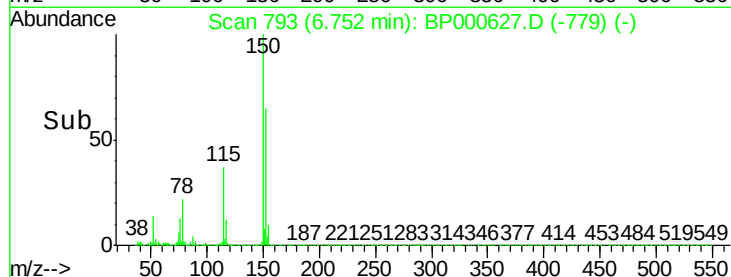
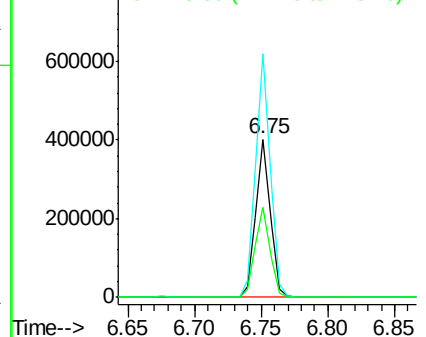
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.1	186.1
115	56.7	48.7	73.1



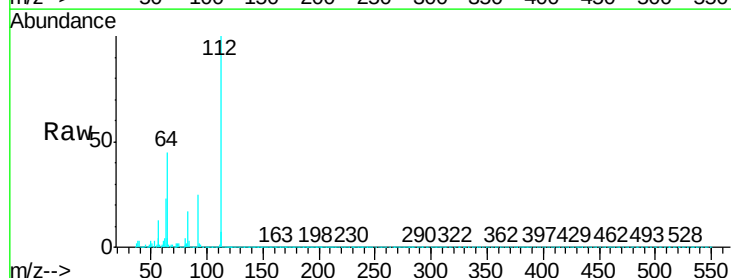
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



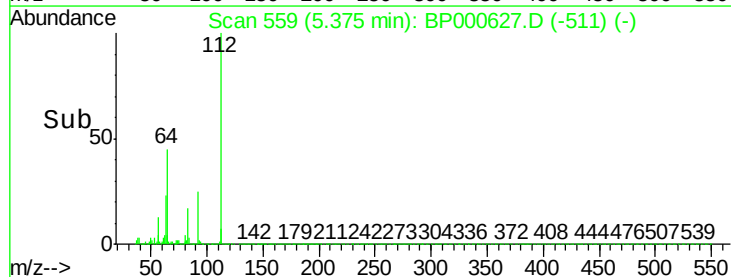
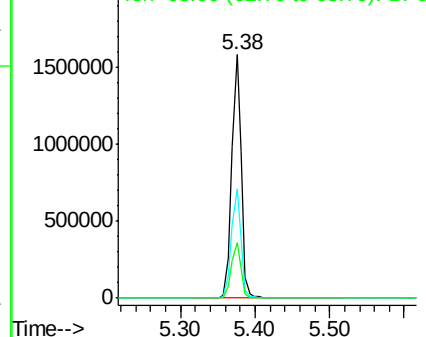
#5

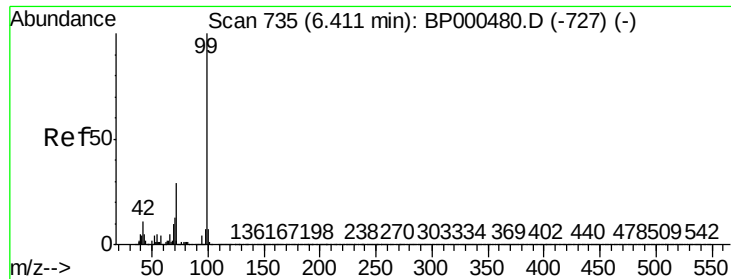
2-Fluorophenol
Concen: 76.995 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	22.8	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: 82.086 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Instrument :

BNA_P

ClientSampleId :

TP-2-S

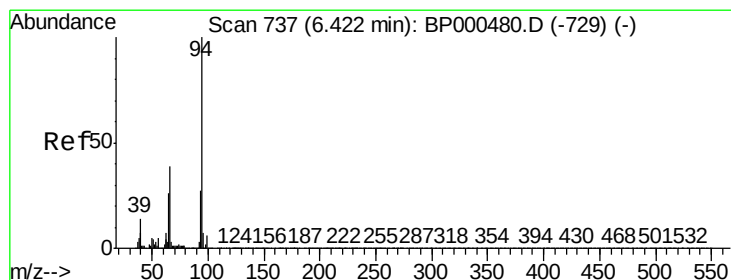
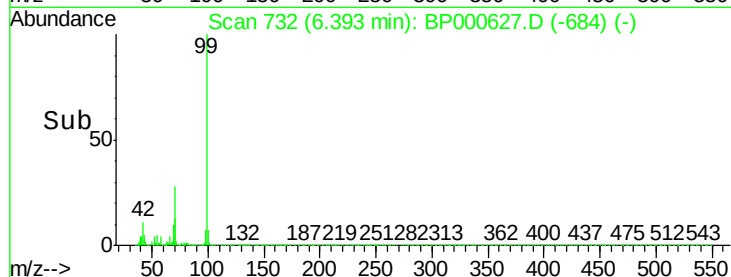
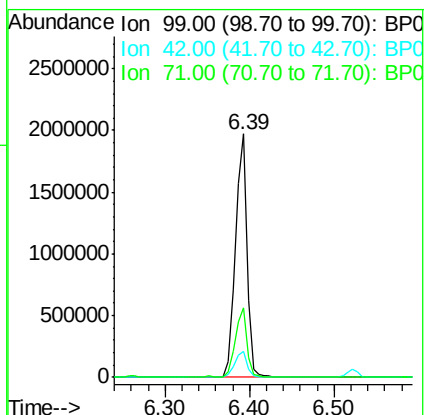
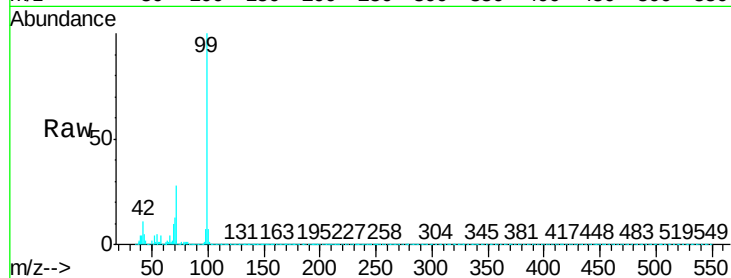
Tgt Ion: 99 Resp: 1826914

Ion Ratio Lower Upper

99 100

42 10.6 8.6 12.8

71 28.5 23.0 34.4



#10

Phenol

Concen: 3.432 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

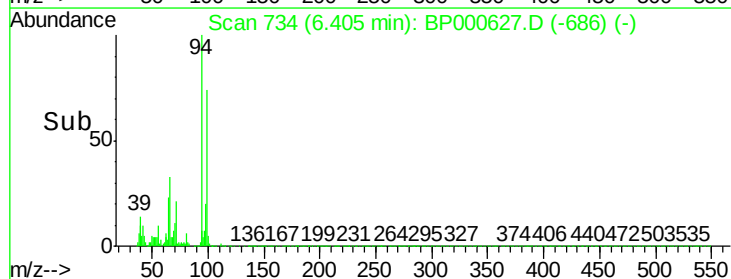
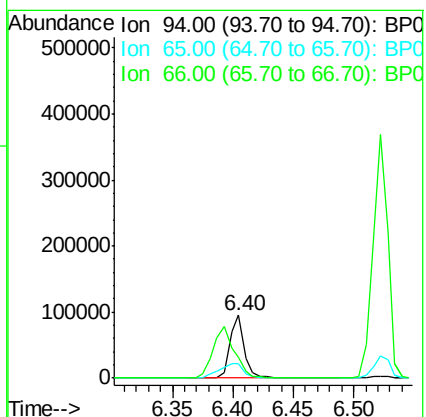
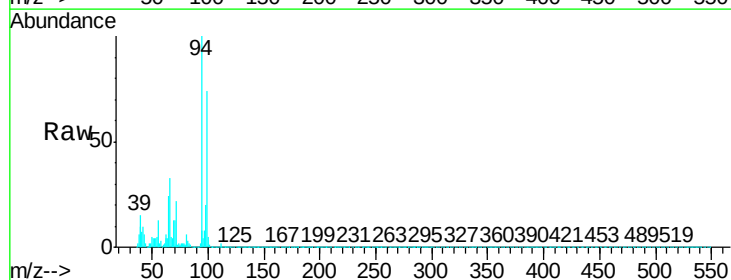
Tgt Ion: 94 Resp: 78199

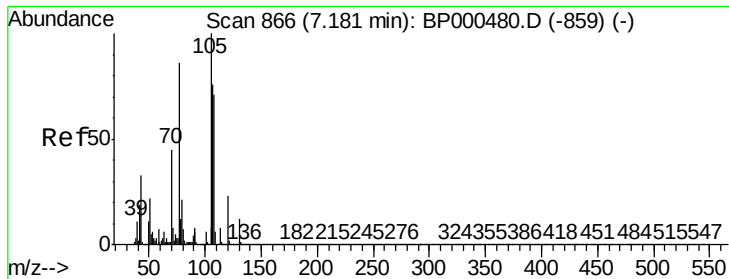
Ion Ratio Lower Upper

94 100

65 23.6 5.9 45.9

66 32.7 18.8 58.8

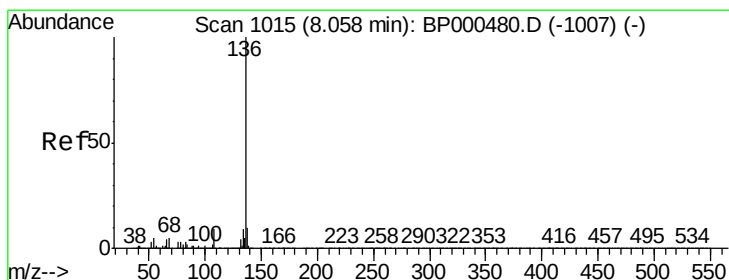
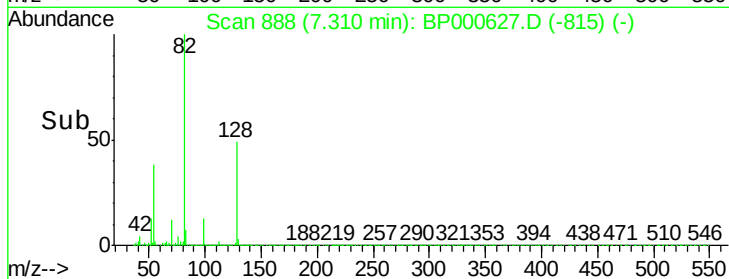
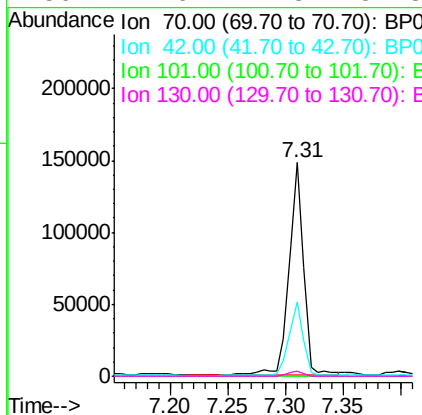
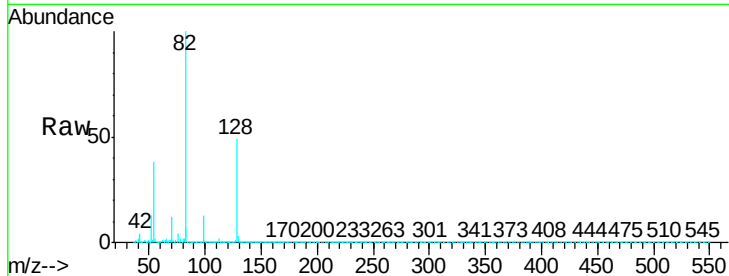




#19
n-Nitroso-di-n-propylamine
Concen: 12.651 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

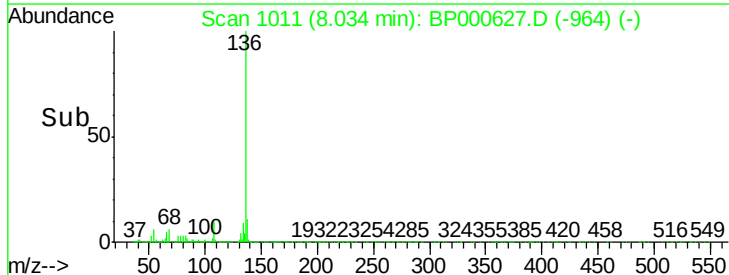
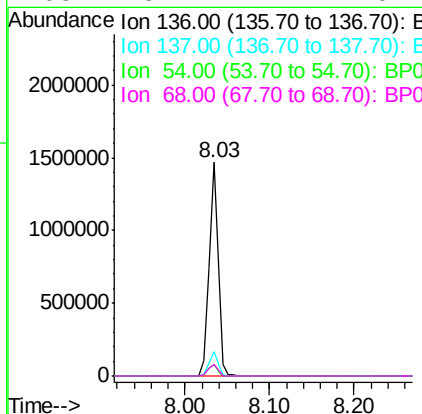
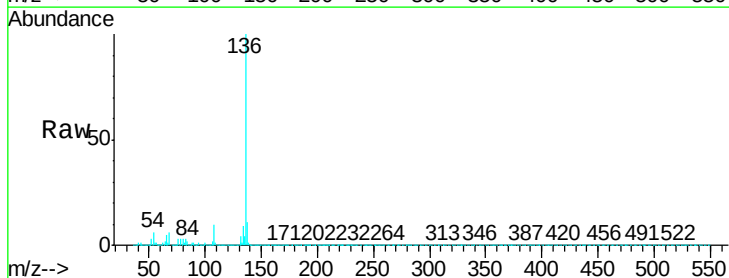
Instrument :
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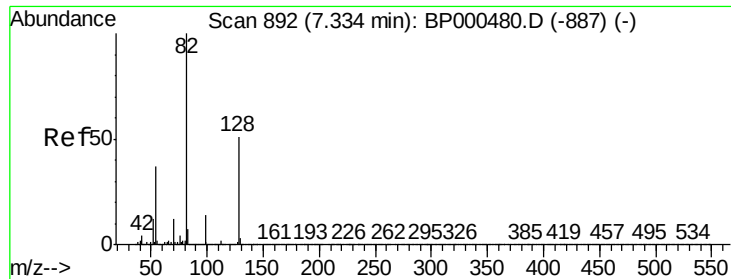
Tgt Ion:	70	Resp:	129778
Ion	Ratio	Lower	Upper
70	100		
42	34.9	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000627.D
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Tgt Ion:	136	Resp:	1090581
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.6	4.1	6.1
68	5.7	4.1	6.1

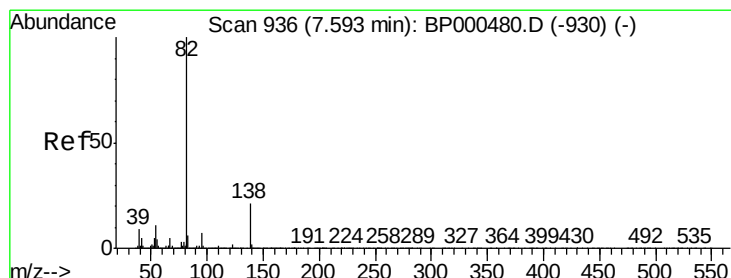
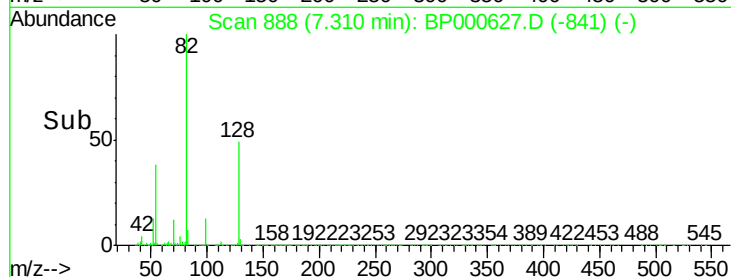
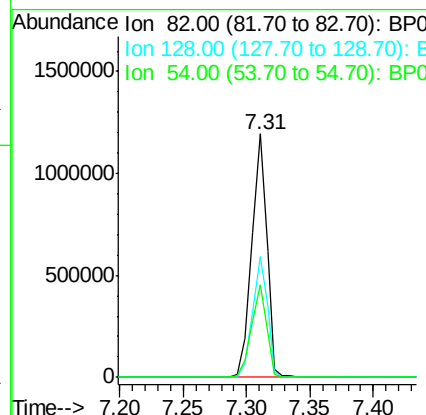
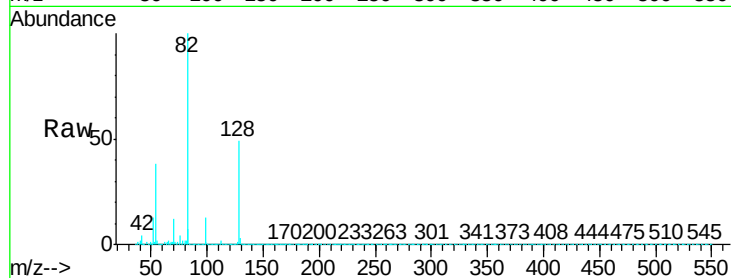




#23
 Nitrobenzene-d5
 Concen: 55.375 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000627.D
 Acq: 10 Oct 2019 19:40

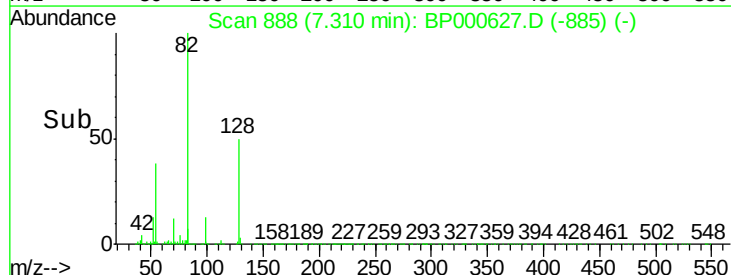
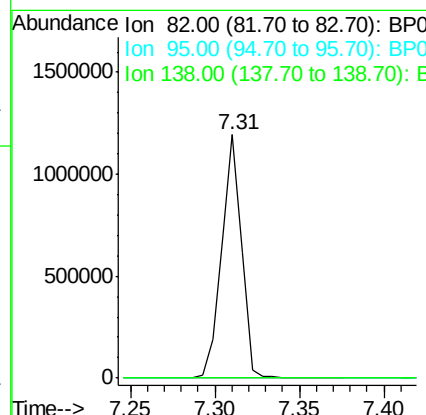
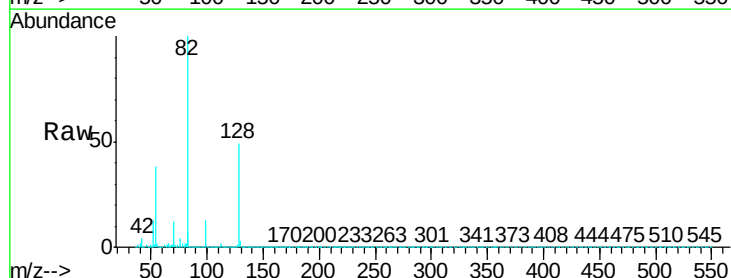
Instrument :
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 ClientSampleId :
 TP-2-S

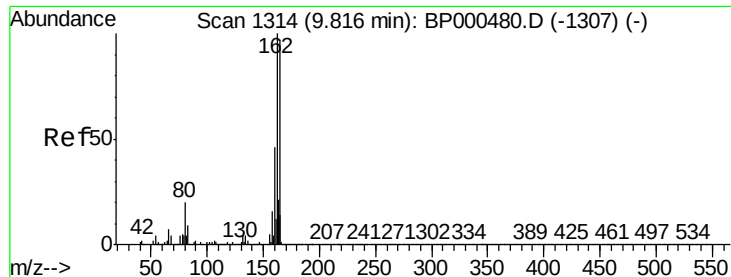
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.9	61.3
54	38.1	29.4	44.2



#25
 Isophorone
 Concen: 31.030 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000627.D
 Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.0	17.0	25.4#

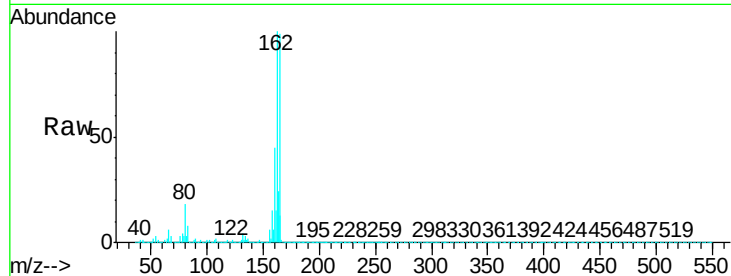




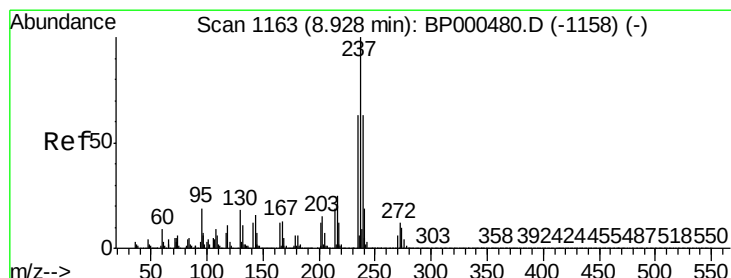
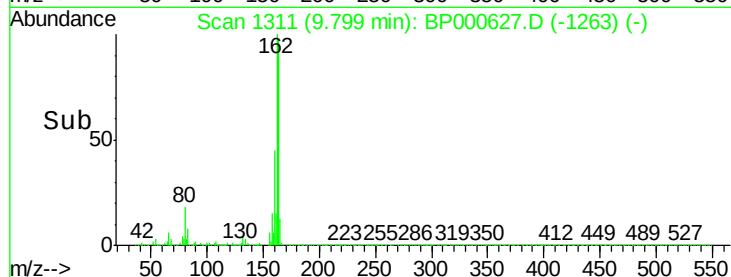
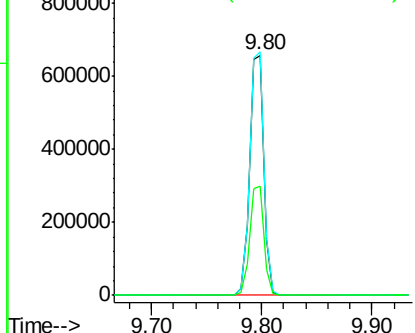
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Instrument :
BNA_P
ClientSampleId :
TP-2-S

Tgt Ion:164 Resp: 590924
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 45.4 37.6 56.4

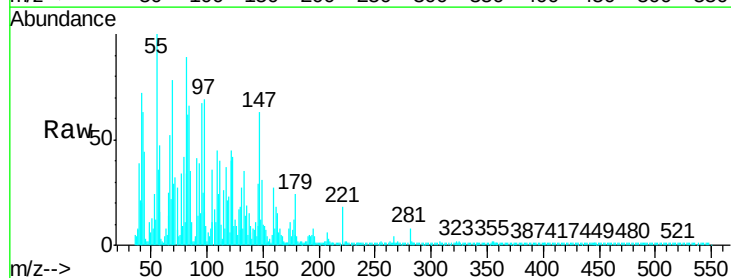


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

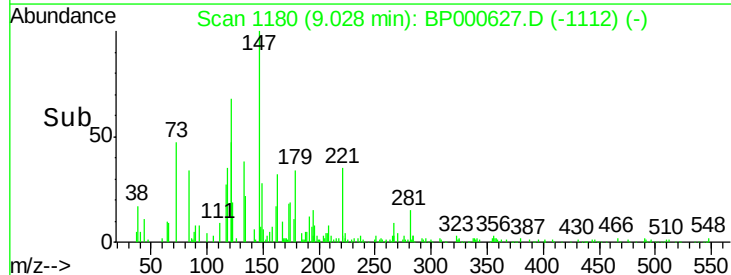
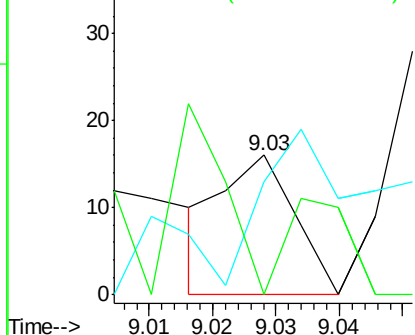


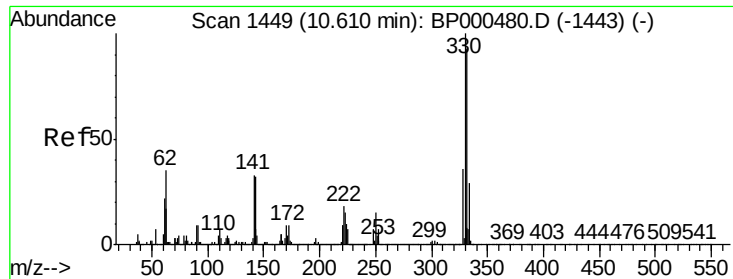
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.10 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 81.3 42.9 82.9
272 0.0 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

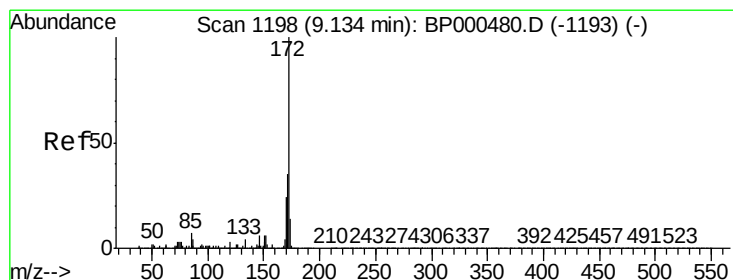
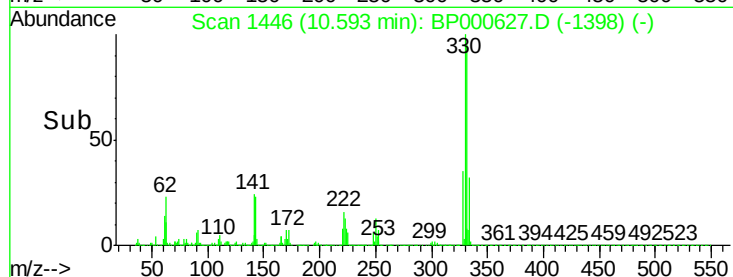
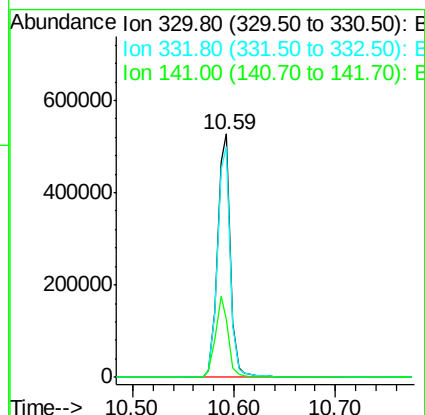
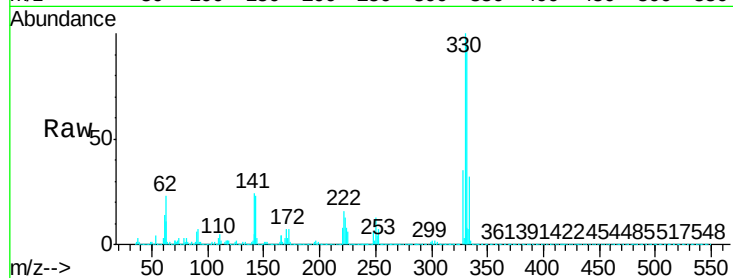




#42
2,4,6-Tribromophenol
Concen: 74.596 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

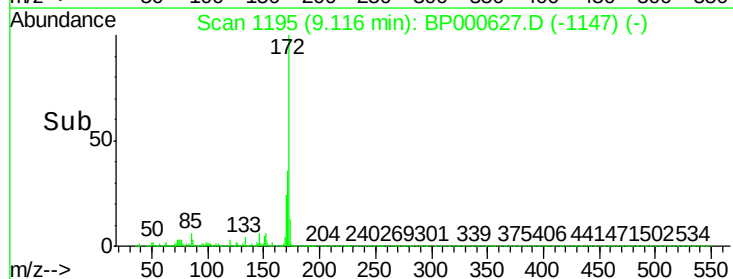
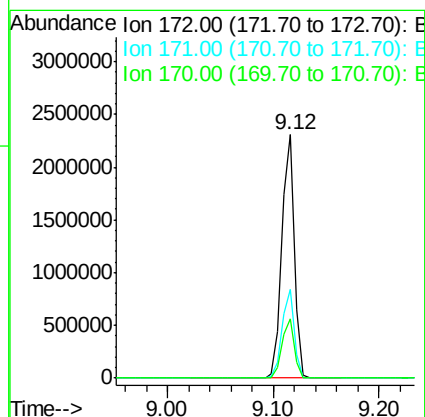
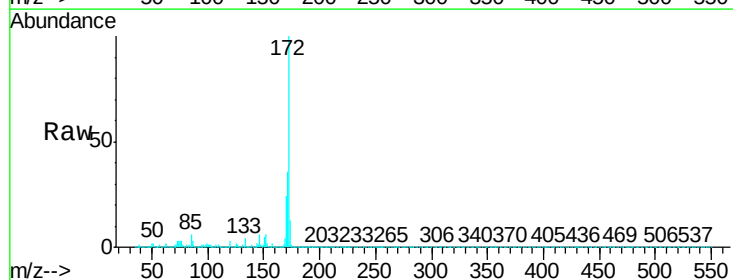
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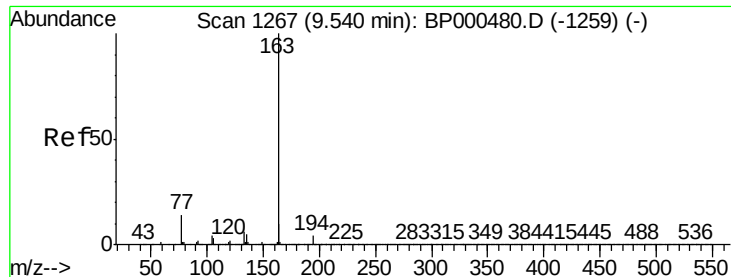
Tgt Ion:330 Resp: 469733
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 50.416 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion:172 Resp: 1841301
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.1 19.1 28.7

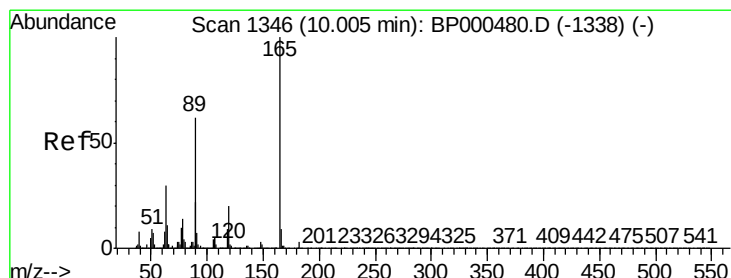
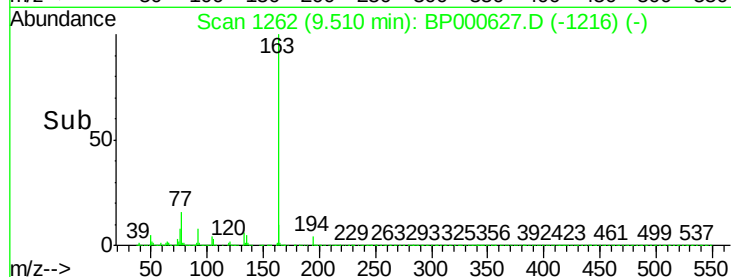
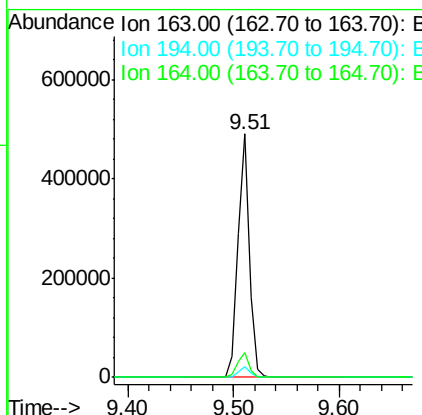
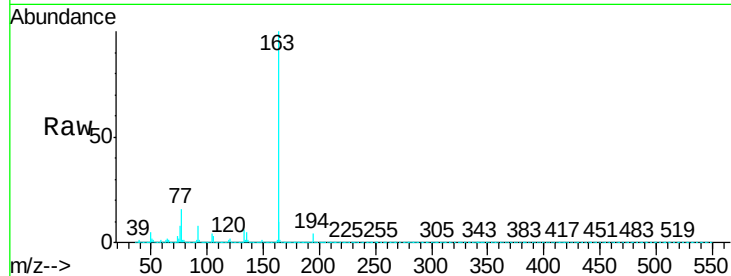




#50
Dimethylphthalate
Concen: 8.673 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

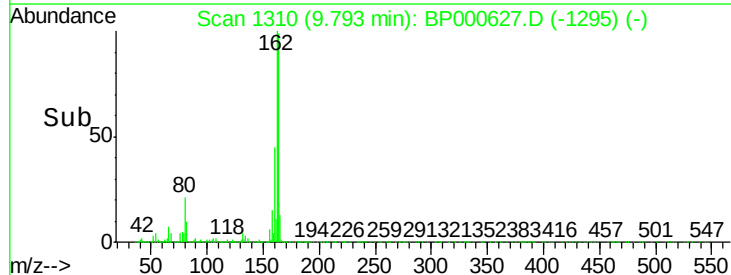
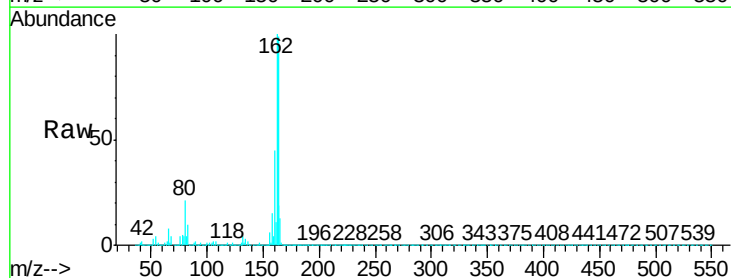
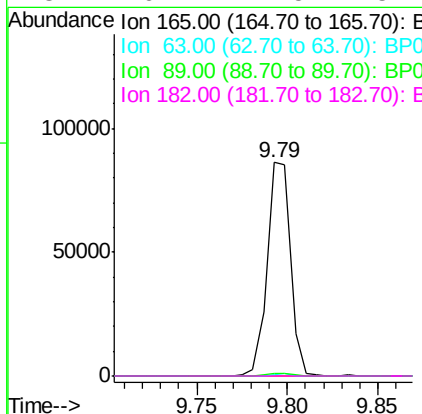
Instrument :
BNA_P
ClientSampleId :
TP-2-S

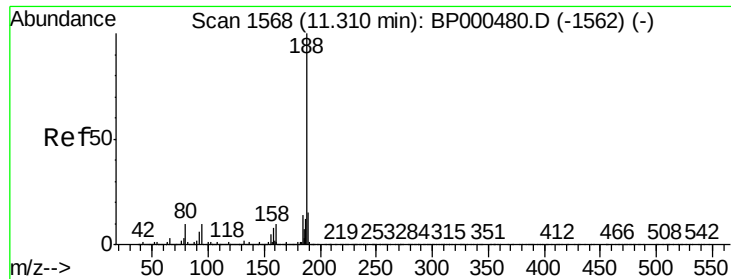
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.543 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.2	49.4	74.0#
182	0.1	2.5	3.7#

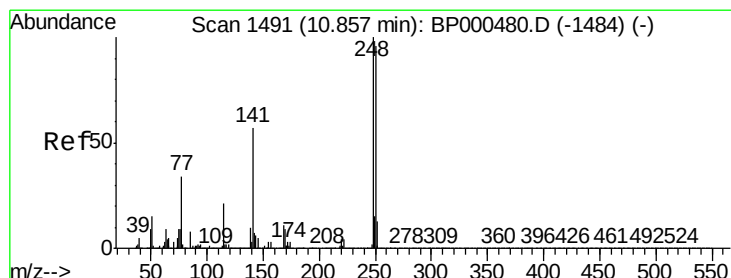
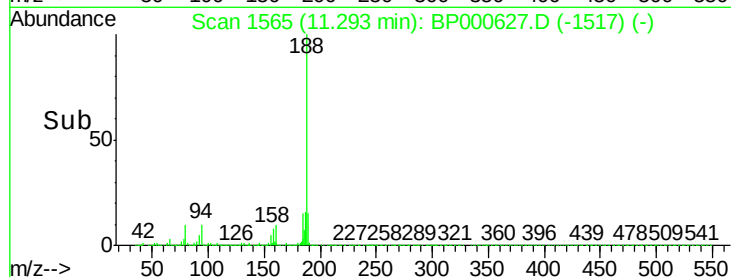
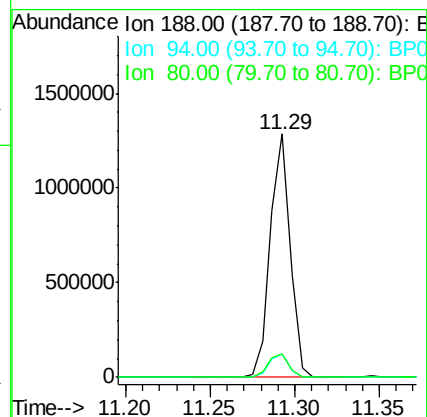
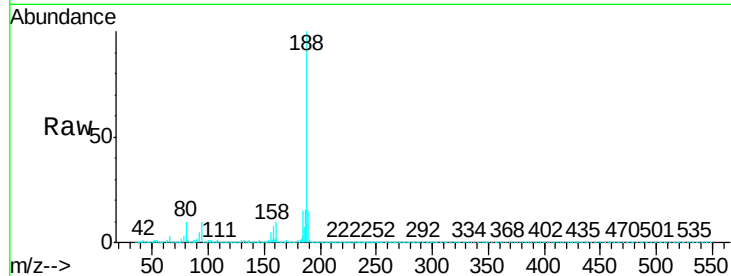




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

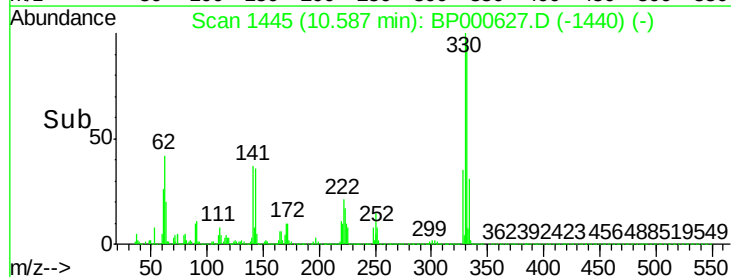
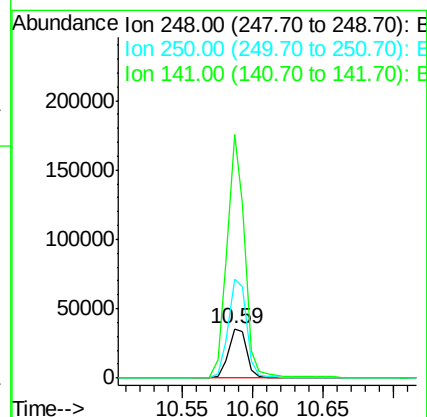
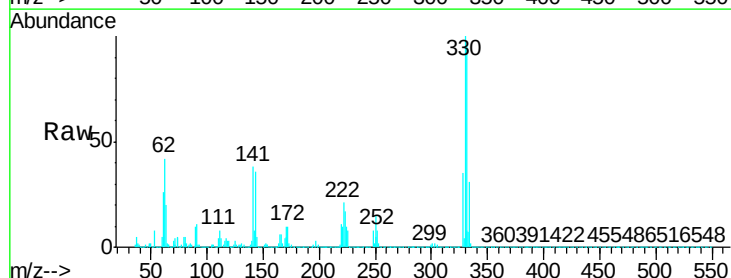
Instrument :
BNA_P
ClientSampleId :
TP-2-S

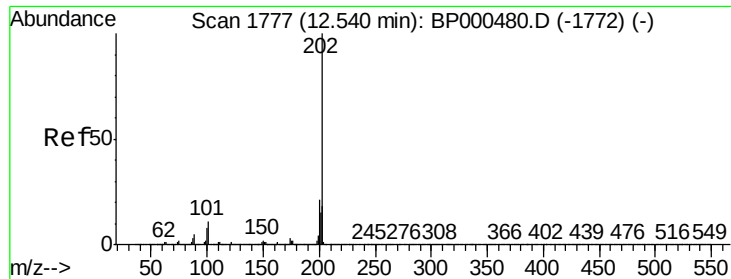
Tgt Ion:188 Resp: 1047985
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 2.763 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.27 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion:248 Resp: 32599
Ion Ratio Lower Upper
248 100
250 201.1 77.2 115.8#
141 492.2 45.3 67.9#





#75

Fluoranthene

Concen: 4.886 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

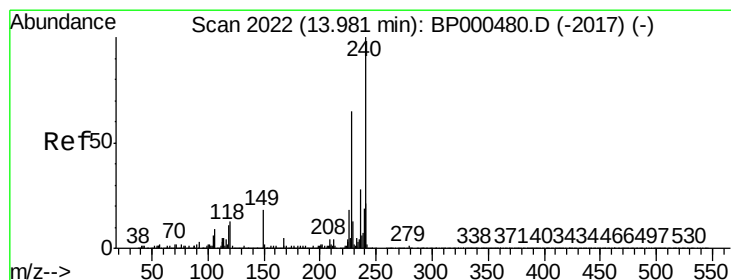
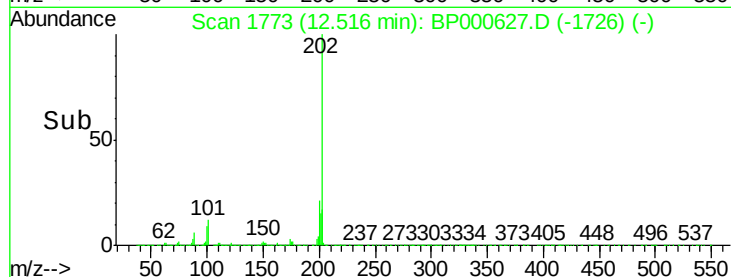
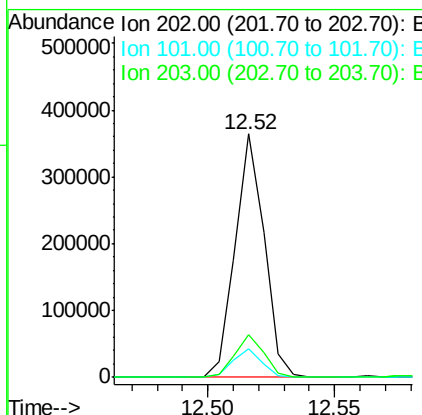
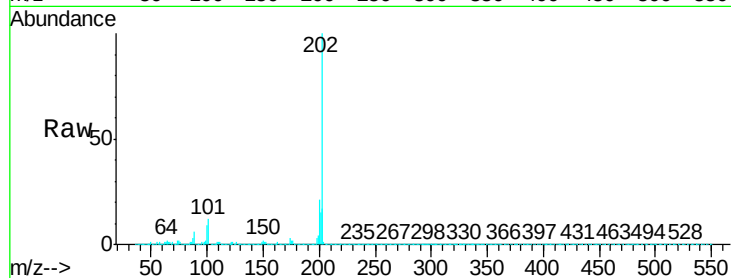
Instrument :

BNA_P

ClientSampleId :

TP-2-S

Tgt Ion:	202	Resp:	288834
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.3
203	17.4	0.0	38.1



#76

Chrysene-d12

Concen: 20.000 ng

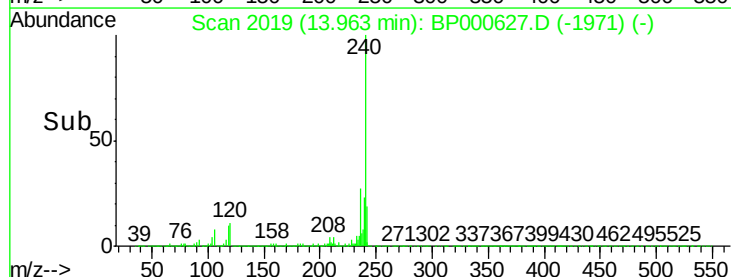
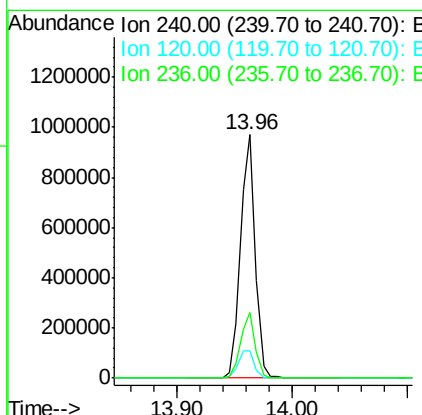
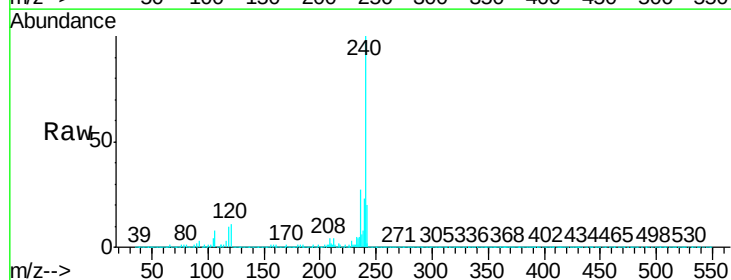
RT: 13.96 min Scan# 2019

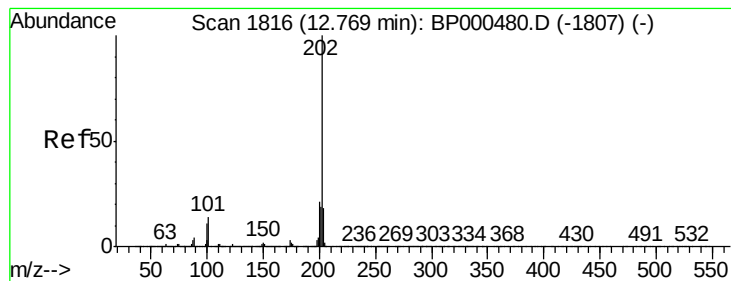
Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Tgt Ion:	240	Resp:	856153
Ion Ratio	Lower	Upper	
240	100		
120	11.0	10.1	15.1
236	27.2	22.7	34.1





#78

Pyrene

Concen: 4.488 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Instrument :

BNA_P

ClientSampleId :

TP-2-S

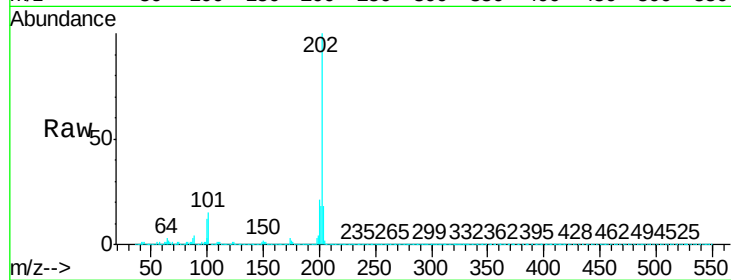
Tgt Ion:202 Resp: 265009

Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

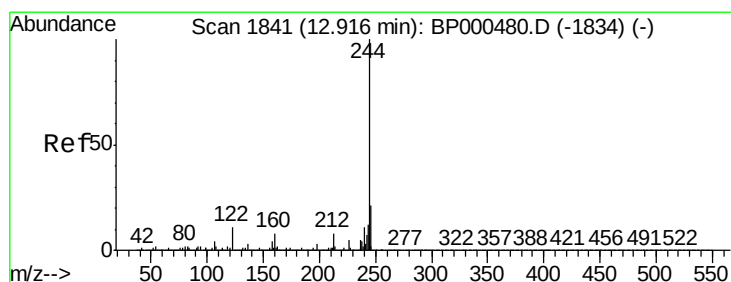
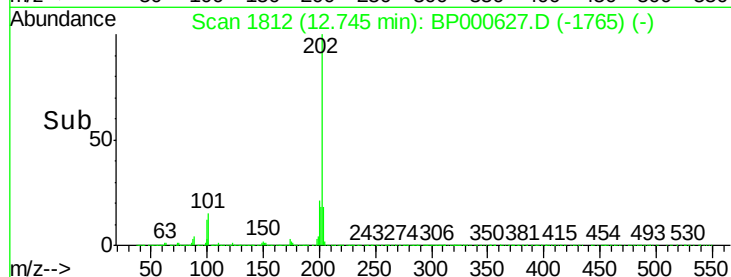
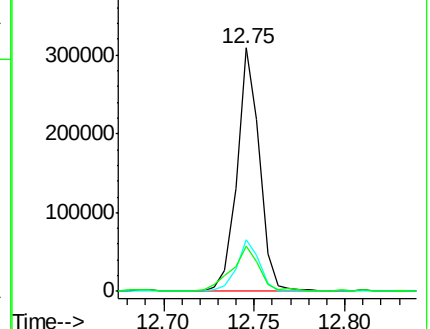
203 18.4 14.6 21.8



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: 46.034 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

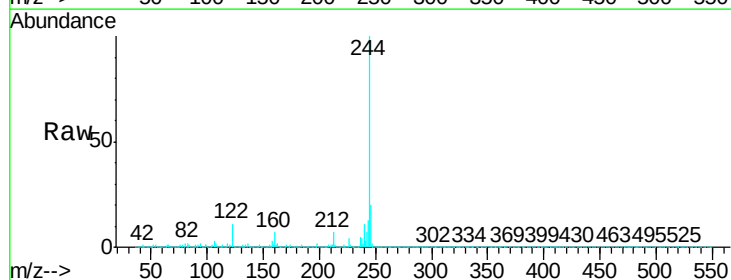
Tgt Ion:244 Resp: 1946550

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

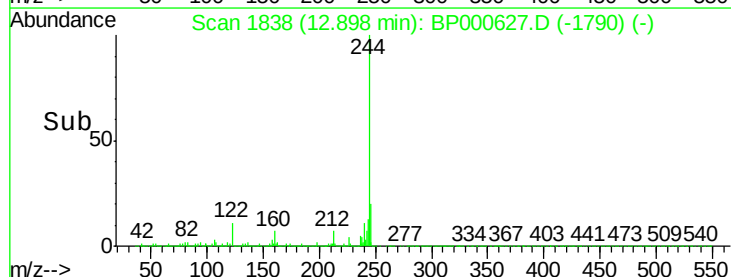
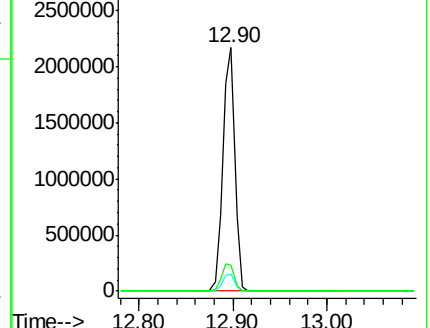
122 10.6 8.9 13.3

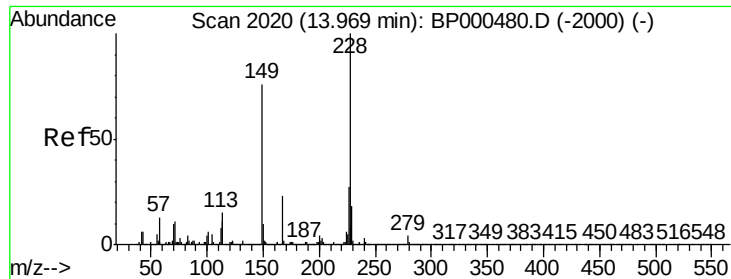


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

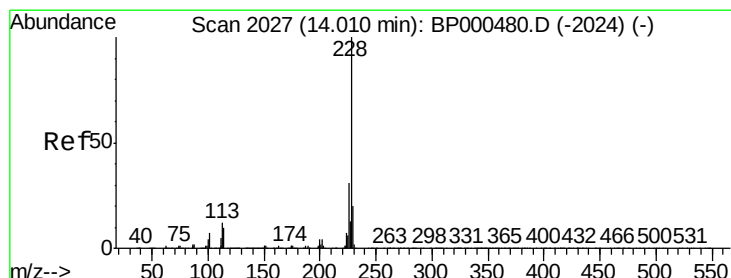
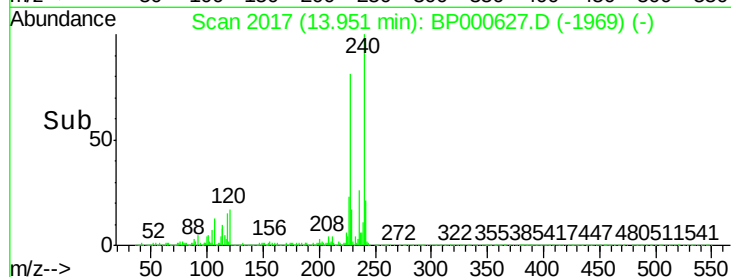
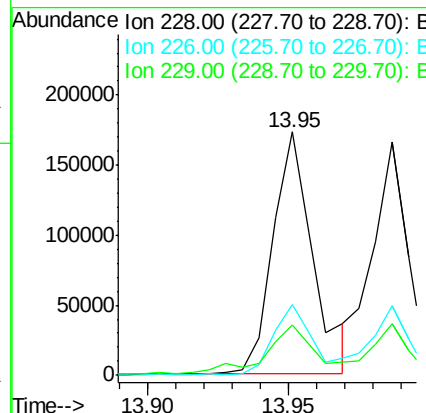
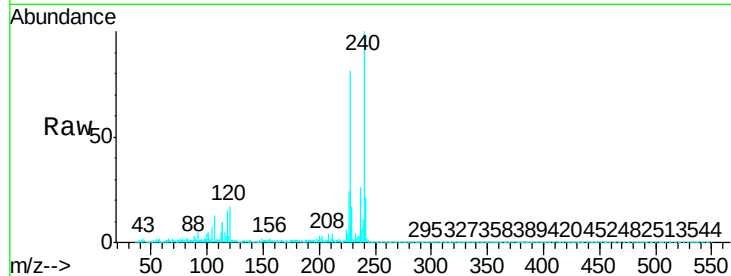




#81
Benzo(a)anthracene
Concen: 3.232 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

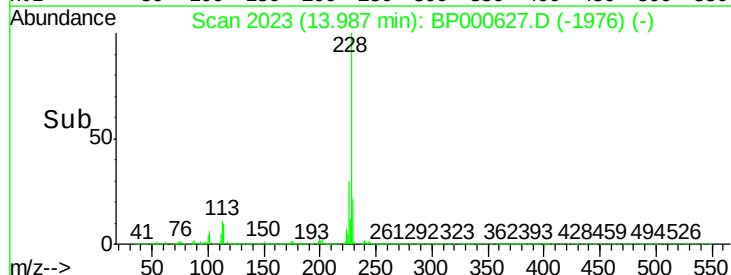
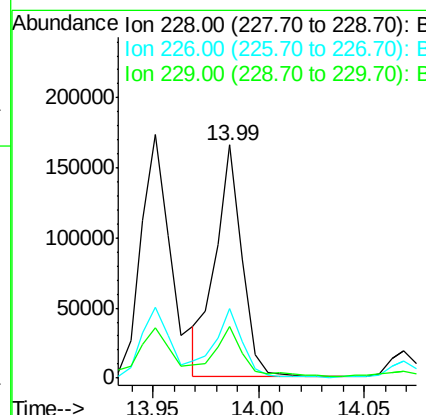
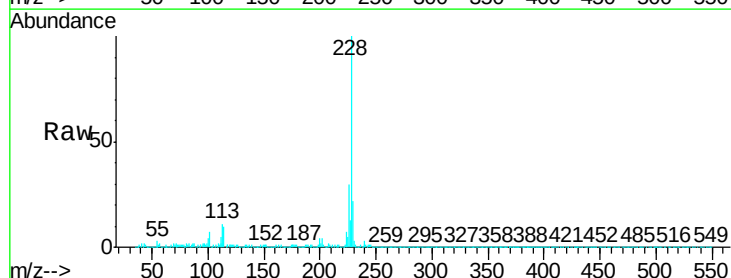
Instrument :
BNA_P
ClientSampleId :
TP-2-S

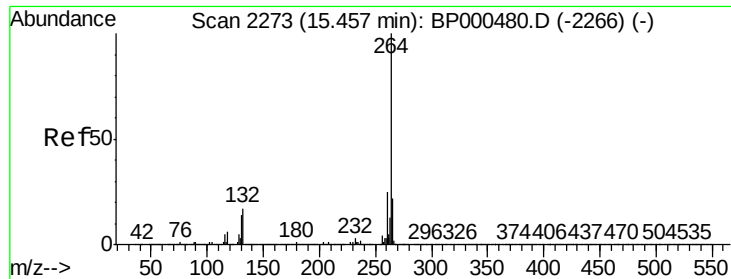
Tgt Ion:228 Resp: 168807
Ion Ratio Lower Upper
228 100
226 28.9 21.4 32.2
229 20.9 14.7 22.1



#83
Chrysene
Concen: 2.841 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion:228 Resp: 145658
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 22.0 16.3 24.5

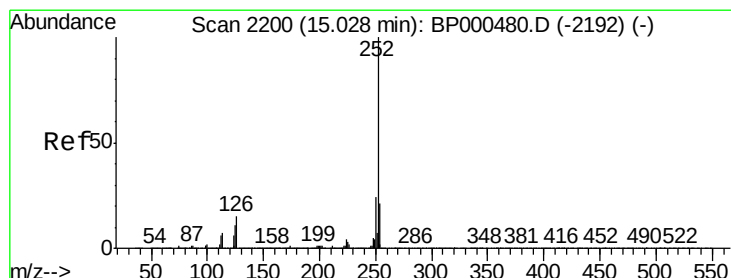
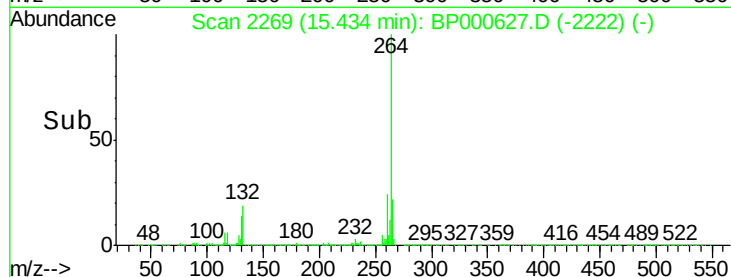
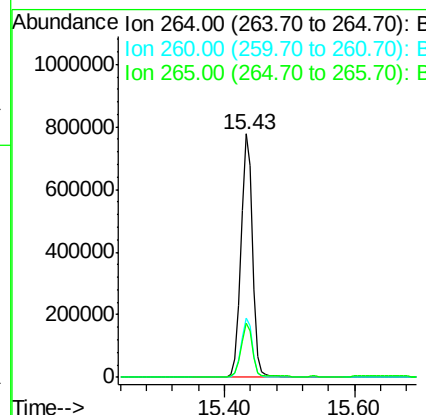
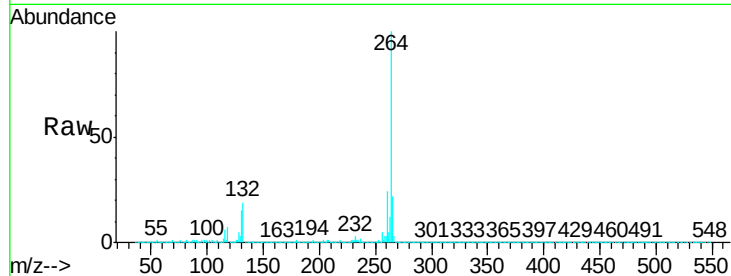




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

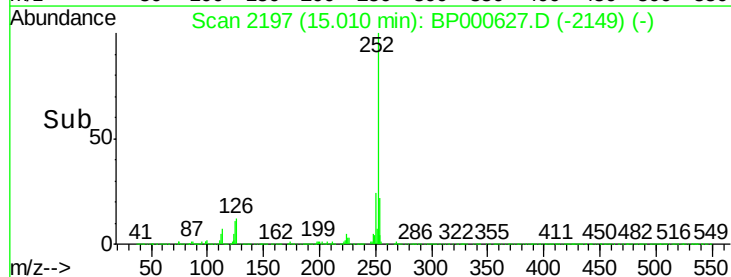
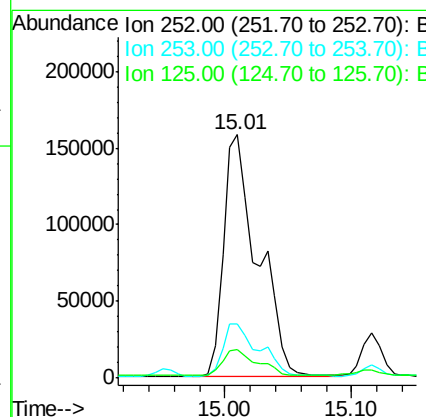
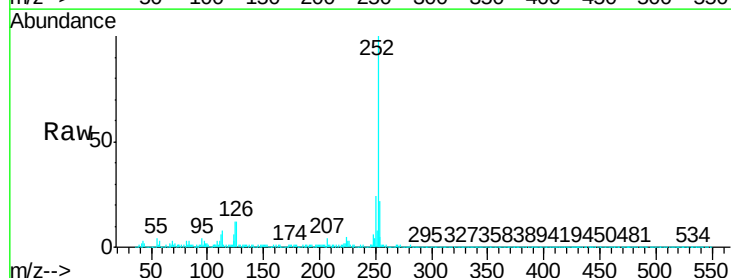
Instrument :
BNA_P
ClientSampled :
TP-2-S

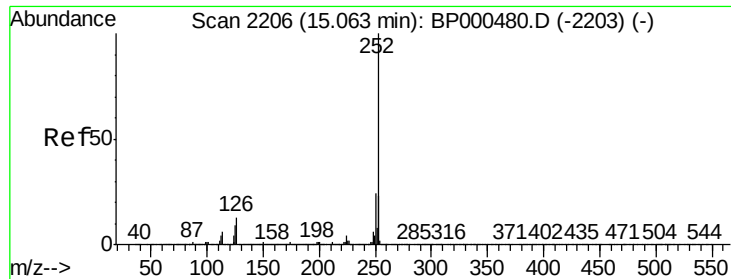
Tgt Ion: 264 Resp: 947396
Ion Ratio Lower Upper
264 100
260 24.2 20.3 30.5
265 22.0 18.0 27.0



#88
Benzo(b)fluoranthene
Concen: 5.551 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion: 252 Resp: 298369
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 11.8 8.9 13.3

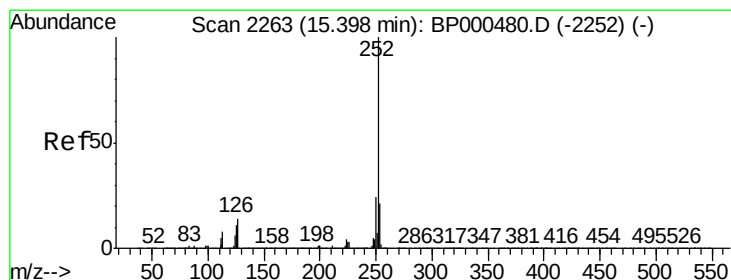
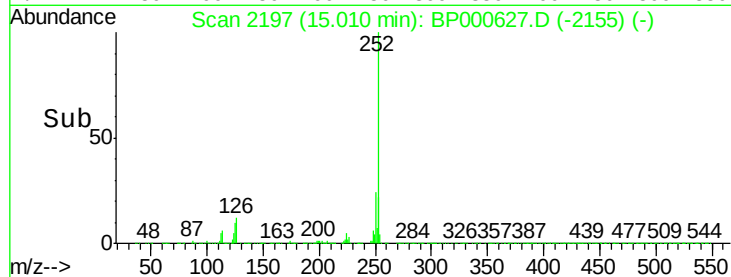
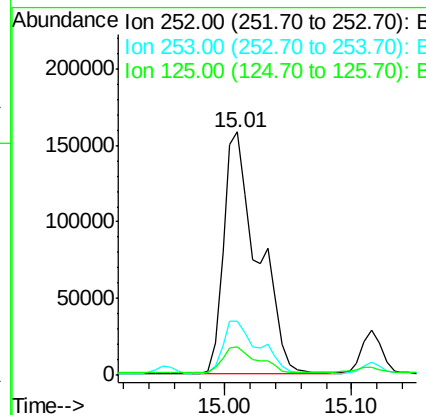
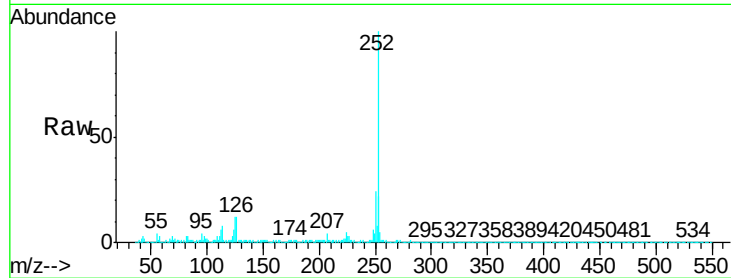




#89
Benzo(k)fluoranthene
Concen: 5.831 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.05 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

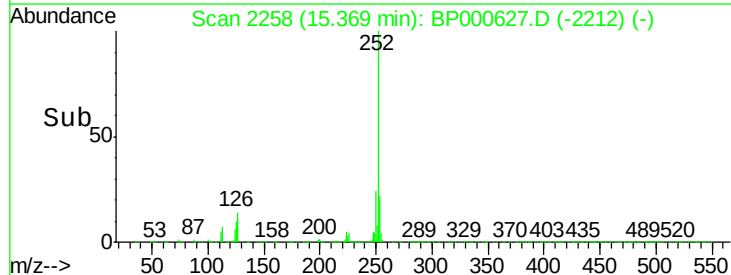
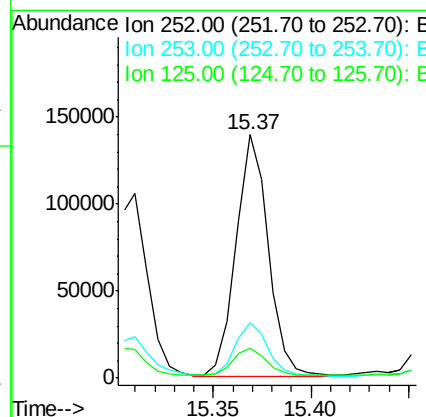
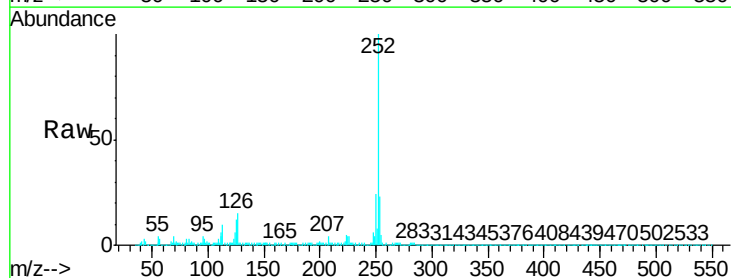
Instrument :
BNA_P
ClientSampleId :
TP-2-S

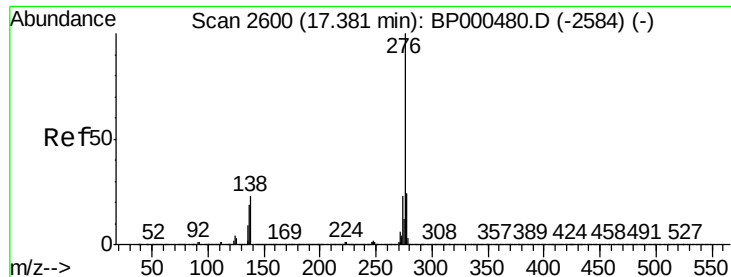
Tgt Ion:	252	Resp:	298369
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	11.8	7.8	11.8



#90
Benzo(a)pyrene
Concen: 3.198 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.03 min
Lab File: BP000627.D
Acq: 10 Oct 2019 19:40

Tgt Ion:	252	Resp:	160249
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	12.3	8.4	12.6





#92

Benzo(g,h,i)perylene

Concen: 2.512 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.05 min

Lab File: BP000627.D

Acq: 10 Oct 2019 19:40

Instrument :

BNA_P

ClientSampleId :

TP-2-S

Tgt Ion: 276 Resp: 124039

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 22.9 18.5 27.7

