

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006084.D
 Acq On : 28 Jun 2021 18:58
 Operator : CG/JU
 Sample : M2857-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-COMP

Quant Time: Jun 29 02:06:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

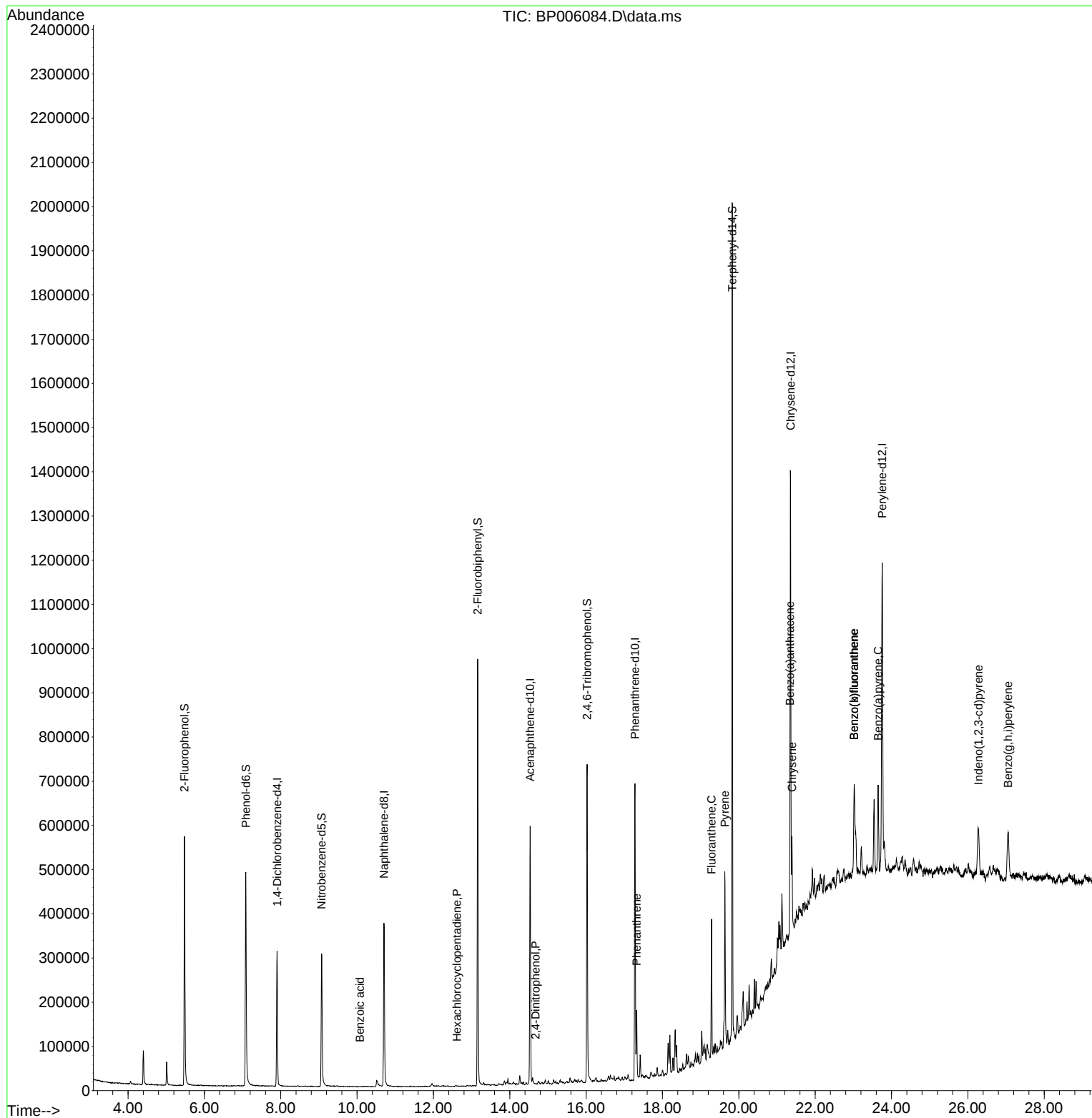
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	91498	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	345285	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	209123	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	430474	20.000	ng	0.00
76) Chrysene-d12	21.357	240	498501	20.000	ng	0.00
86) Perylene-d12	23.757	264	577092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	283042	49.638	ng	0.00
7) Phenol-d6	7.087	99	346698	46.909	ng	0.00
23) Nitrobenzene-d5	9.069	82	206969	29.388	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	180293	50.239	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	525346	32.988	ng	0.00
79) Terphenyl-d14	19.827	244	869501	32.661	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.075	122	15	6.323	ng	# 37
41) Hexachlorocyclopentadiene	12.616	237	12	5.507	ng	93
54) 2,4-Dinitrophenol	14.681	184	20	4.857	ng	# 7
71) Phenanthrene	17.322	178	94561	3.658	ng	98
75) Fluoranthene	19.286	202	175970	5.605	ng	98
78) Pyrene	19.633	202	245995	7.069	ng	99
81) Benzo(a)anthracene	21.339	228	138884	3.860	ng	97
83) Chrysene	21.392	228	130253	3.737	ng	97
87) Indeno(1,2,3-cd)pyrene	26.274	276	136472	2.765	ng	98
88) Benzo(b)fluoranthene	23.021	252	262260	6.635	ng	97
89) Benzo(k)fluoranthene	23.021	252	262260	6.843	ng	97
90) Benzo(a)pyrene	23.651	252	162494	4.373	ng	96
92) Benzo(g,h,i)perylene	27.056	276	147892	3.525	ng	95

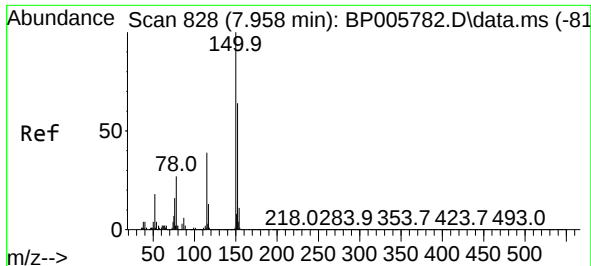
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_P
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SB-11-COMP

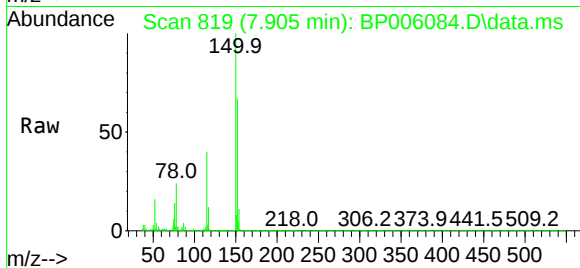
Quant Time: Jun 29 02:06:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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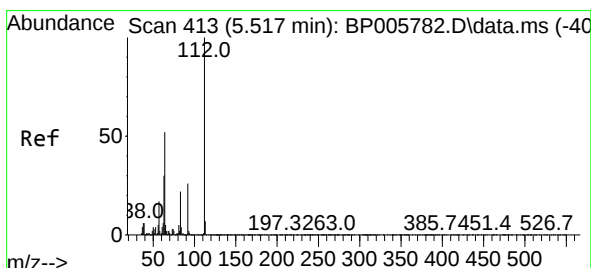
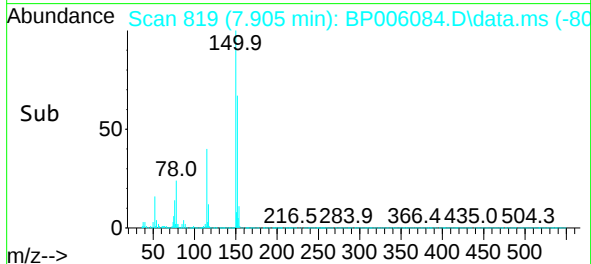
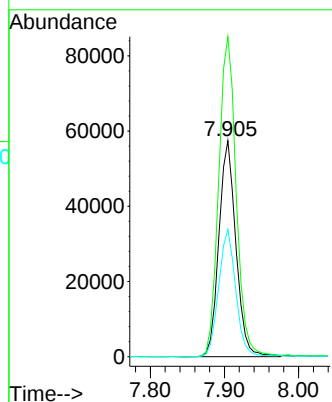


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

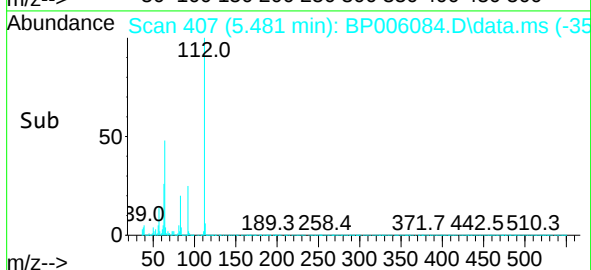
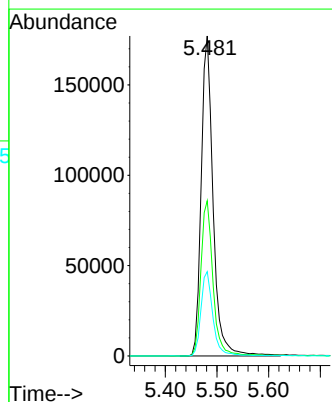
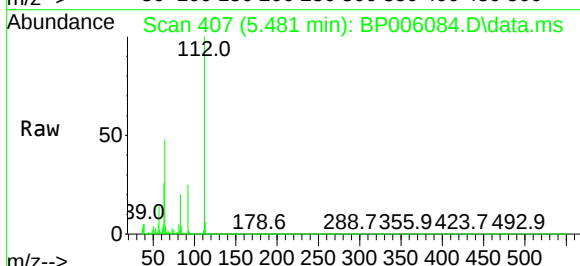


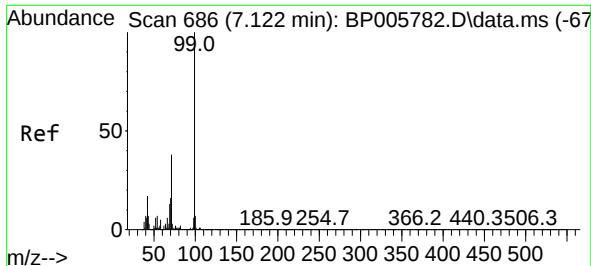
Tgt Ion:152 Resp: 91498
Ion Ratio Lower Upper
152 100
150 148.2 125.6 188.4
115 58.9 48.5 72.7



#5
2-Fluorophenol
Concen: 49.638 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:112 Resp: 283042
Ion Ratio Lower Upper
112 100
64 48.5 41.4 62.2
63 26.3 23.8 35.8

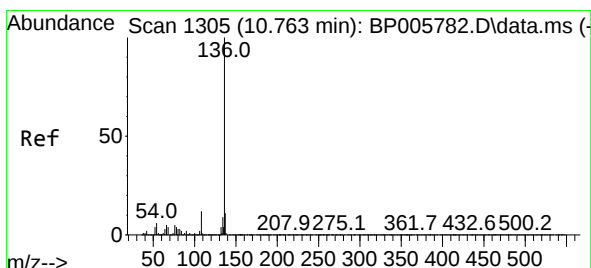
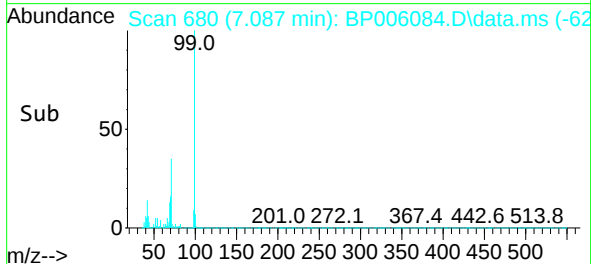
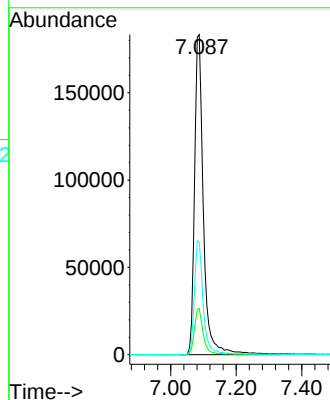
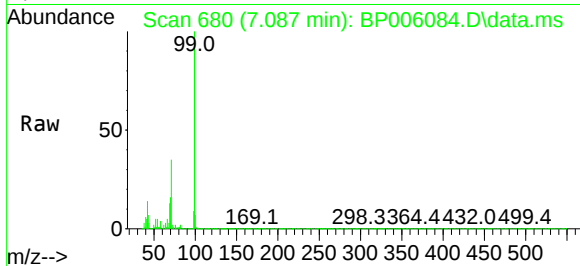




#7
Phenol-d6
Concen: 46.909 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

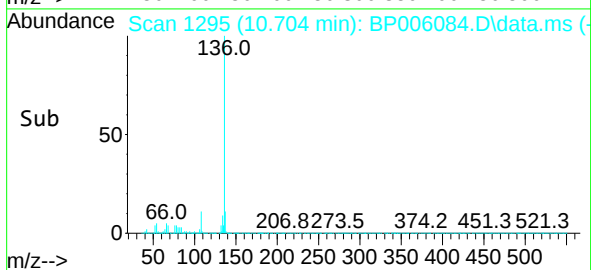
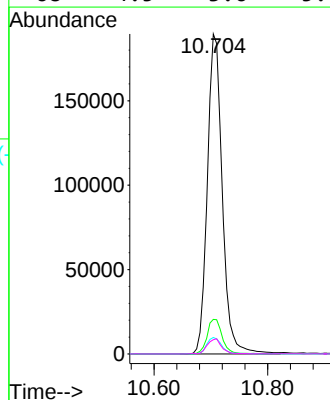
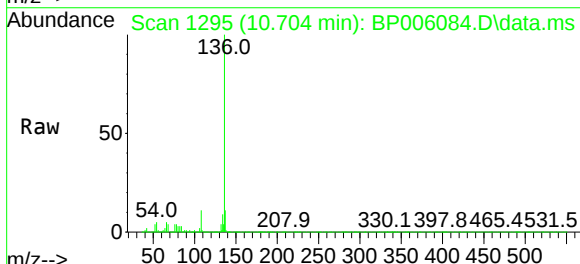
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

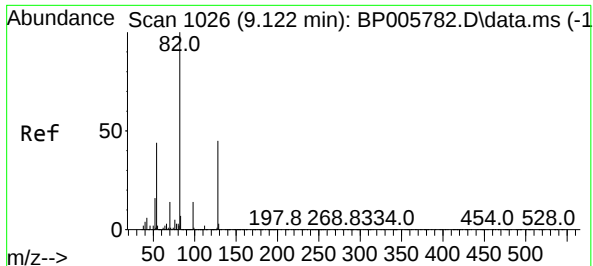
Tgt Ion: 99 Resp: 346698
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 35.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion: 136 Resp: 345285
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 5.2 4.6 6.8
68 4.5 3.6 5.4

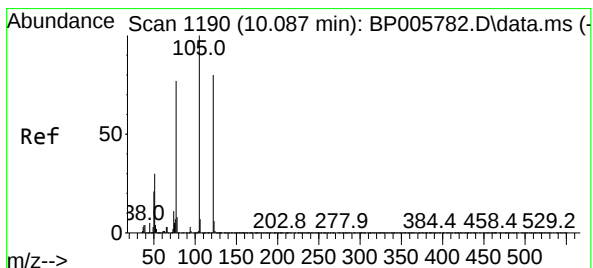
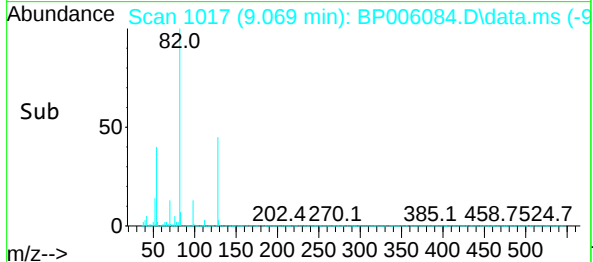
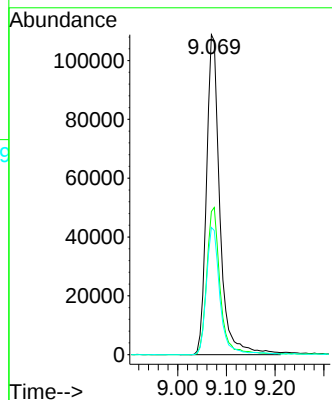
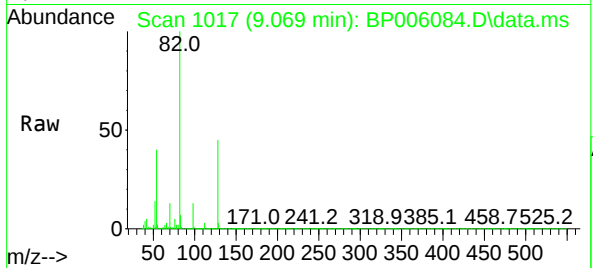




#23
Nitrobenzene-d5
Concen: 29.388 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

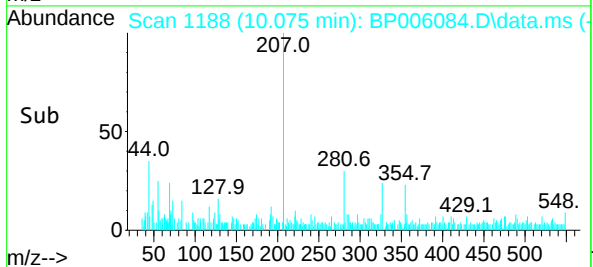
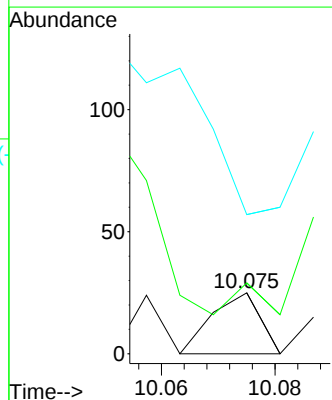
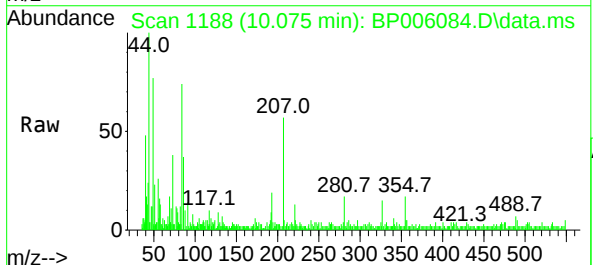
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

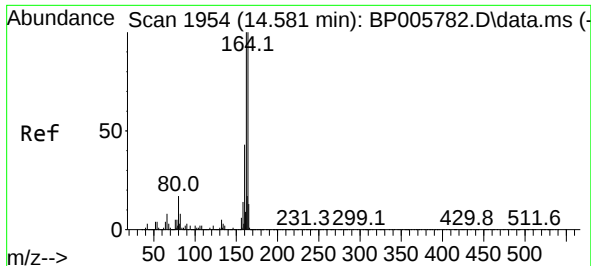
Tgt Ion: 82 Resp: 206969
Ion Ratio Lower Upper
82 100
128 44.8 35.7 53.5
54 39.8 35.0 52.4



#32
Benzoic acid
Concen: 6.323 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion: 122 Resp: 15
Ion Ratio Lower Upper
122 100
105 116.0 103.2 143.2
77 228.0 76.2 116.2#

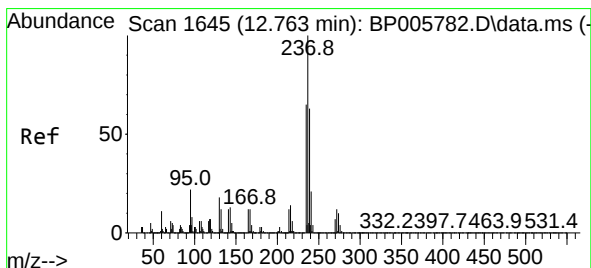
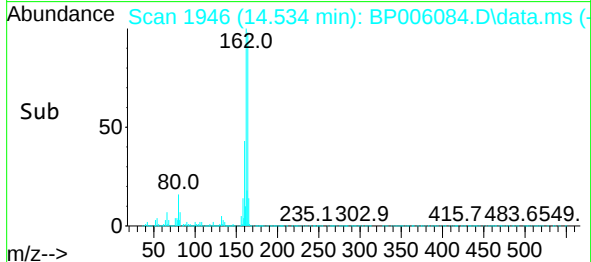
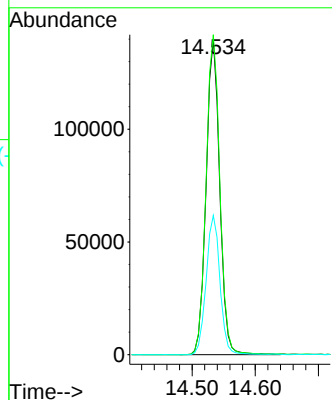
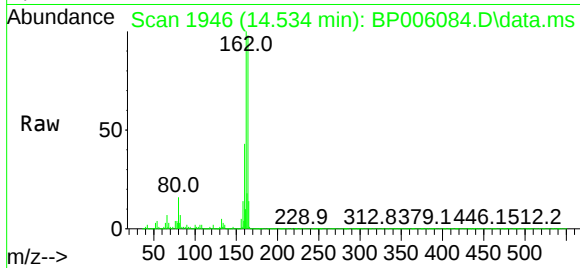




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

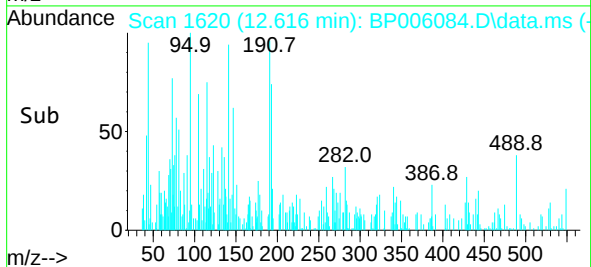
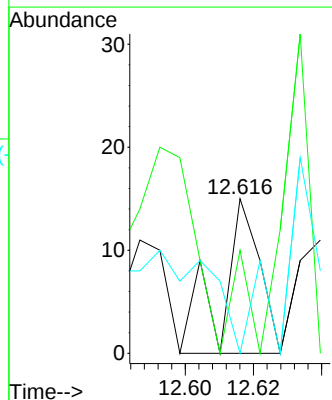
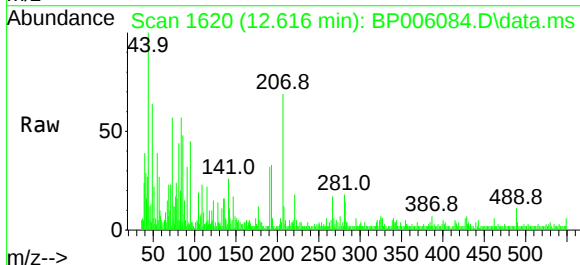
Instrument :
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ClientSampleId :
SB-11-COMP

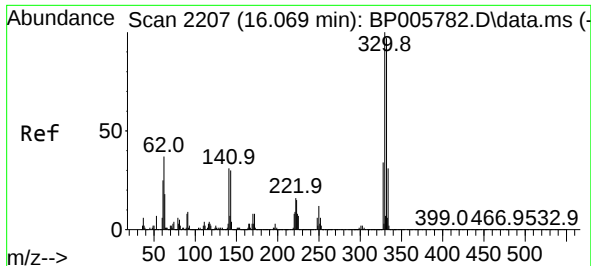
Tgt Ion:164 Resp: 209123
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.507 ng
RT: 12.616 min Scan# 1620
Delta R.T. -0.094 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 66.7 44.5 84.5
272 0.0 0.0 32.5

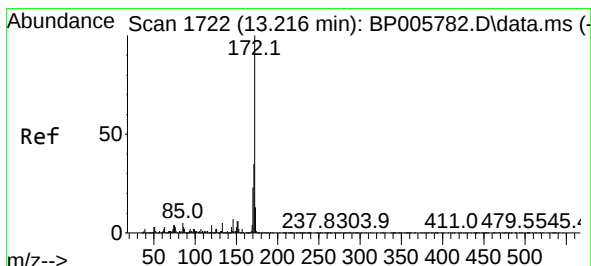
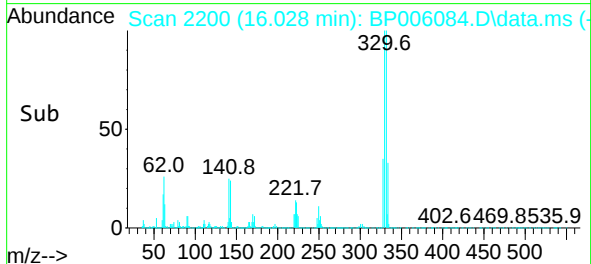
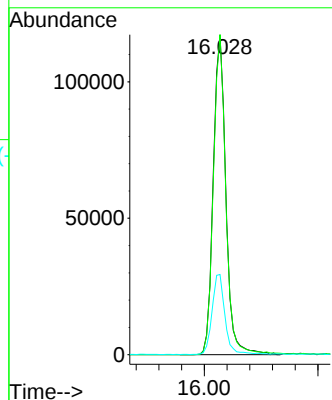
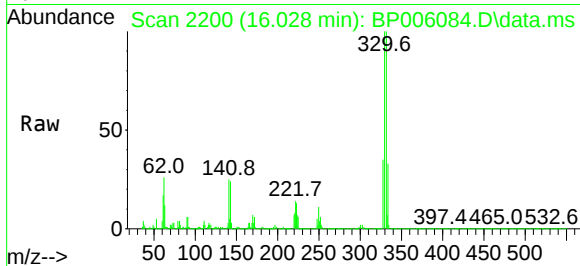




#42
2,4,6-Tribromophenol
Concen: 50.239 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

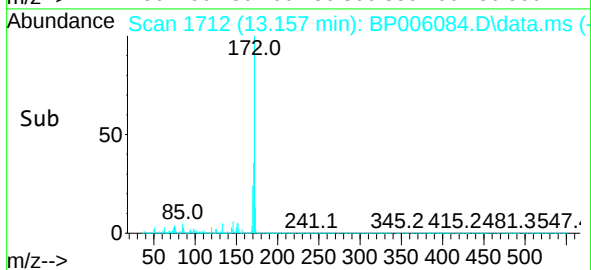
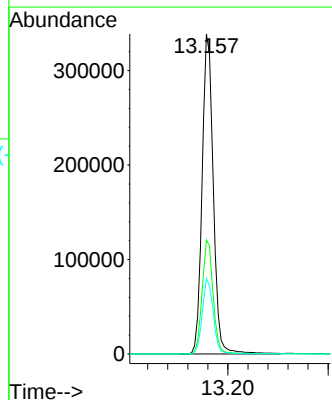
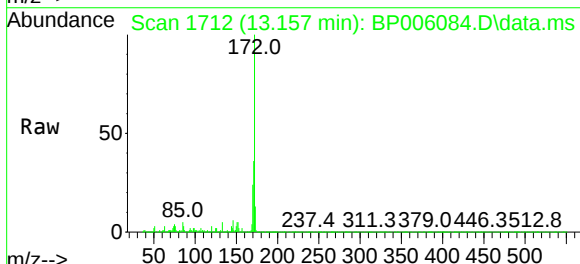
Instrument :
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ClientSampleId :
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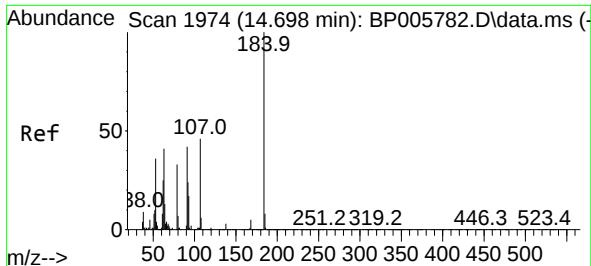
Tgt Ion:	330	Resp:	180293
Ion Ratio	Lower	Upper	
330	100		
332	98.8	77.8	116.8
141	25.6	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 32.988 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:	172	Resp:	525346
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.9	41.9
170	23.6	18.6	27.8

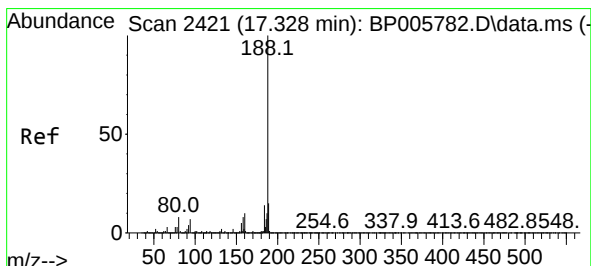
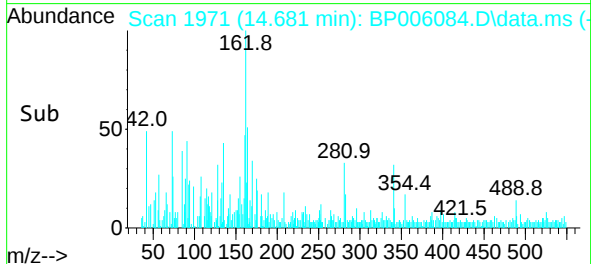
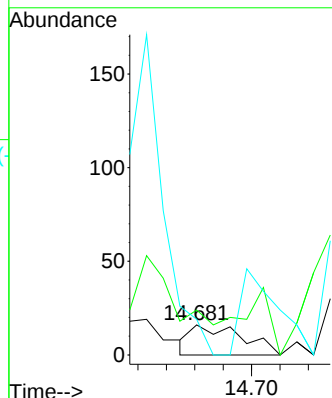
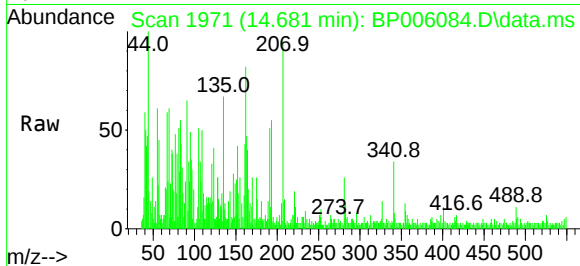




#54
2,4-Dinitrophenol
Concen: 4.857 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

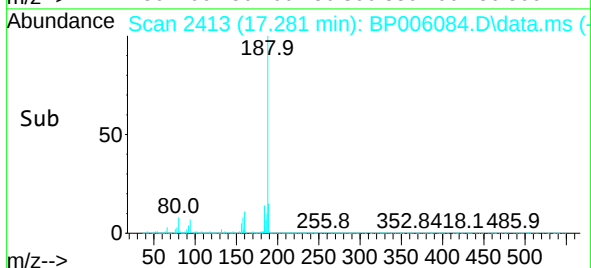
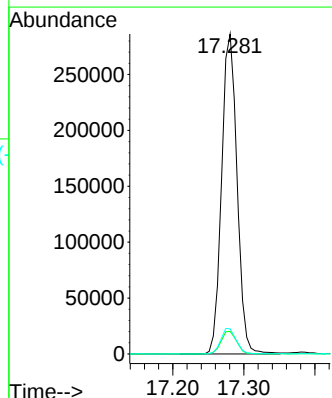
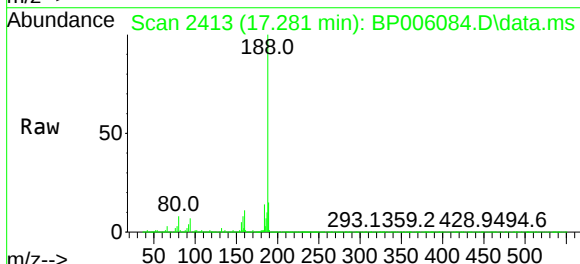
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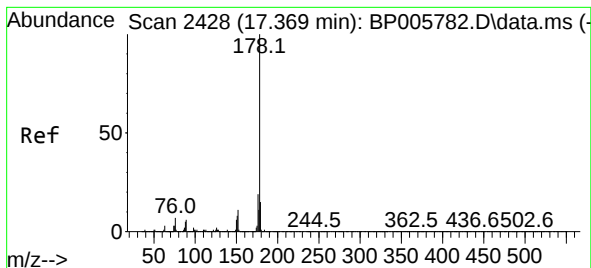
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 150.0 47.0 70.6#
154 118.8 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:188 Resp: 430474
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 7.9 6.3 9.5

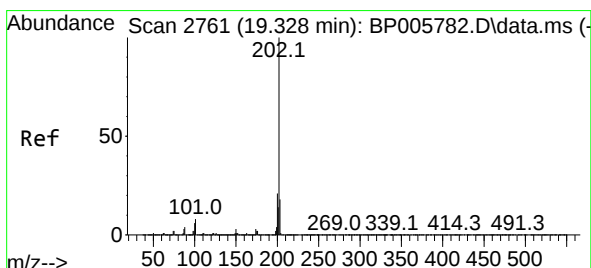
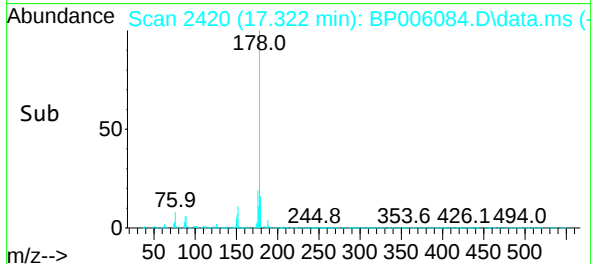
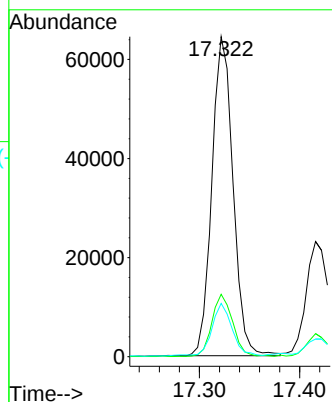
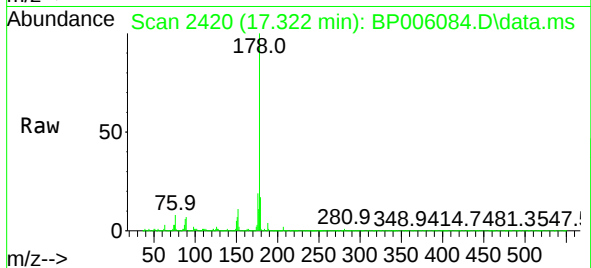




#71
Phenanthrene
Concen: 3.658 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

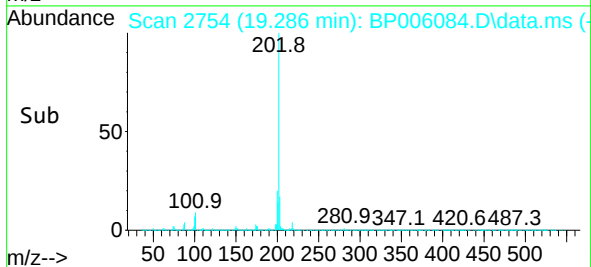
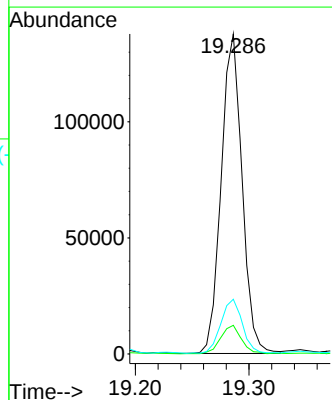
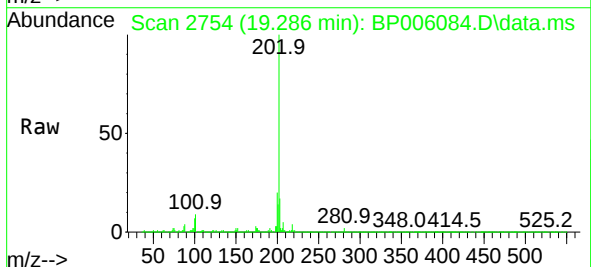
Instrument :
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ClientSampleId :
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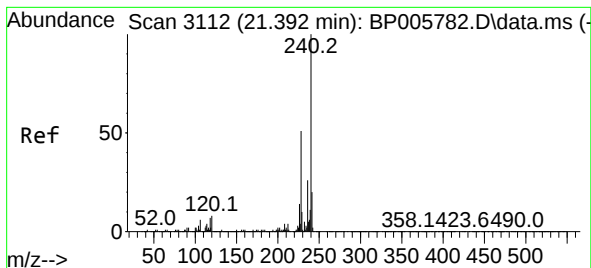
Tgt Ion:178	Resp:	94561
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.1 22.7
179	16.7	12.4 18.6



#75
Fluoranthene
Concen: 5.605 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:202	Resp:	175970
Ion Ratio	Lower	Upper
202	100	
101	8.9	0.0 27.6
203	17.1	0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP006084.D

Acq: 28 Jun 2021 18:58

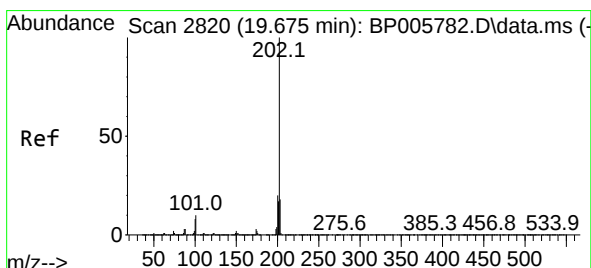
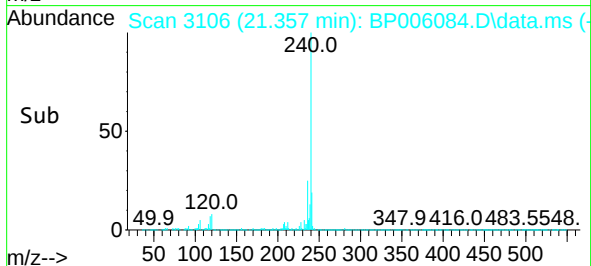
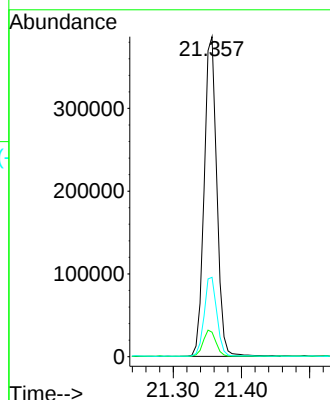
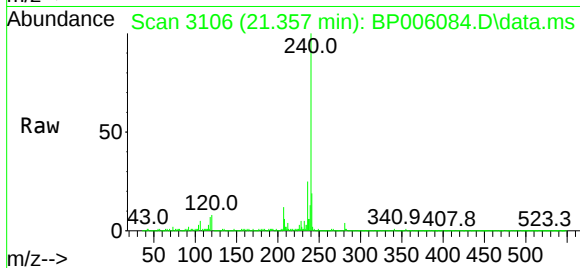
Instrument :

BNA_P

ClientSampleId :

SB-11-COMP

Tgt Ion:	240	Resp:	498501
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.5	9.7
236	24.8	20.6	31.0



#78

Pyrene

Concen: 7.069 ng

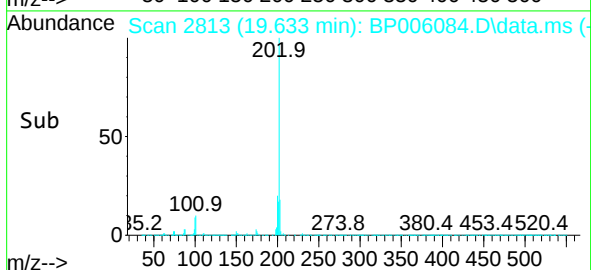
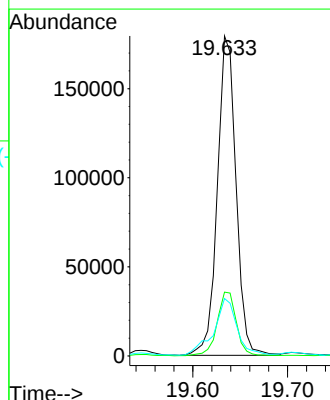
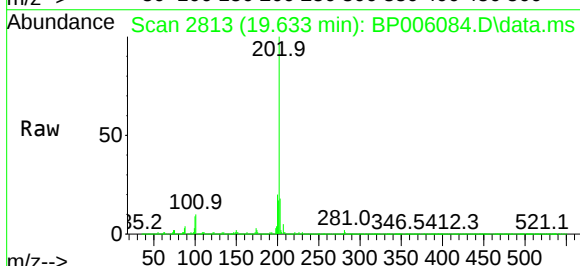
RT: 19.633 min Scan# 2813

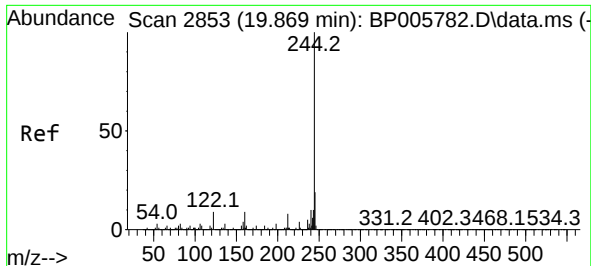
Delta R.T. -0.006 min

Lab File: BP006084.D

Acq: 28 Jun 2021 18:58

Tgt Ion:	202	Resp:	245995
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.3	24.5
203	18.0	14.2	21.2

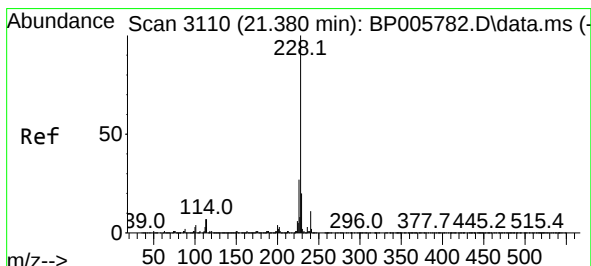
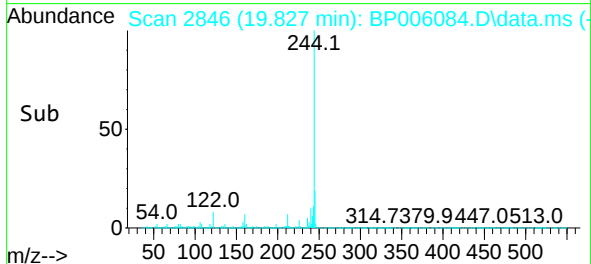
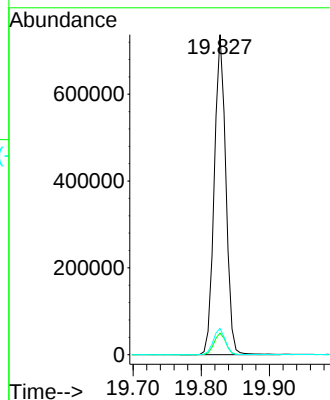
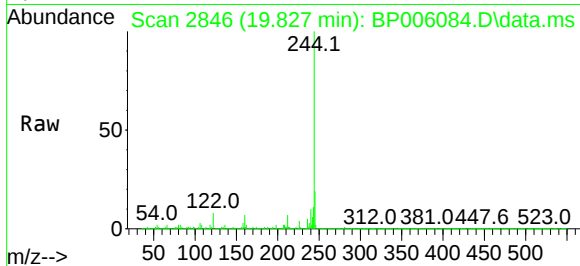




#79
Terphenyl-d14
Concen: 32.661 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

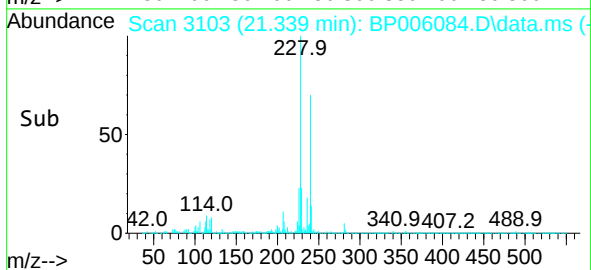
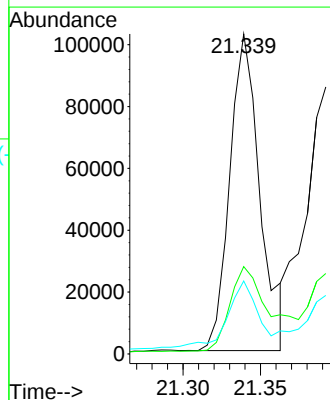
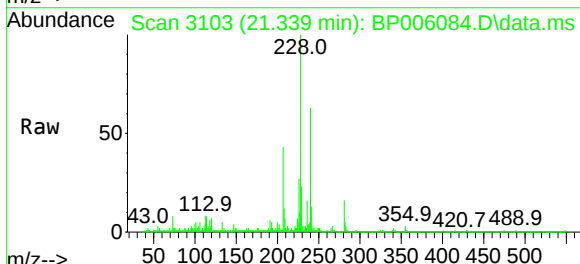
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

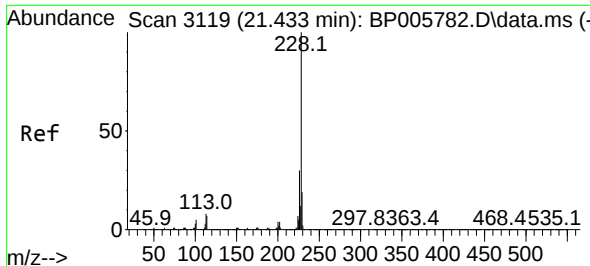
Tgt Ion:244 Resp: 869501
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 8.2 7.1 10.7



#81
Benzo(a)anthracene
Concen: 3.860 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:228 Resp: 138884
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 22.8 15.8 23.6

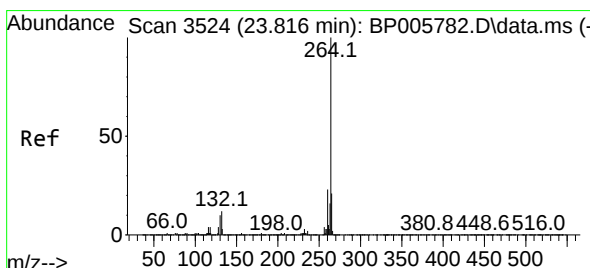
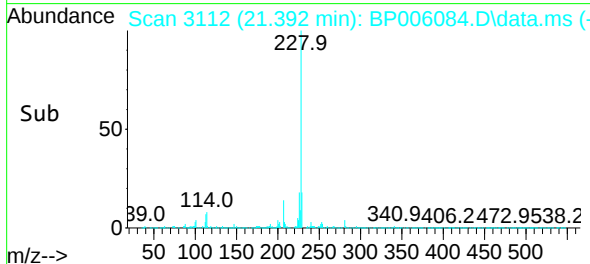
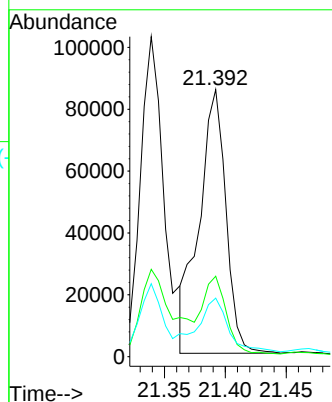
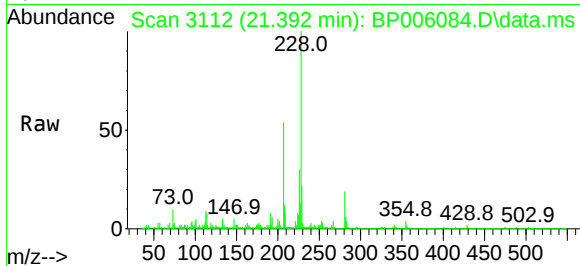




#83
Chrysene
Concen: 3.737 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

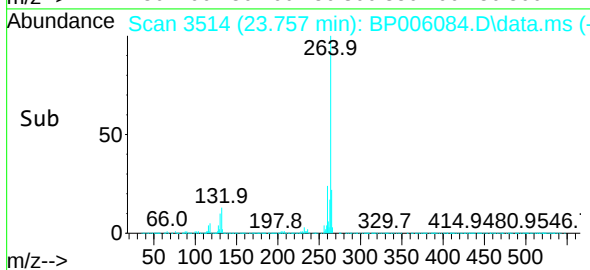
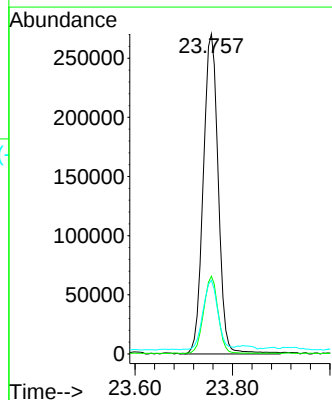
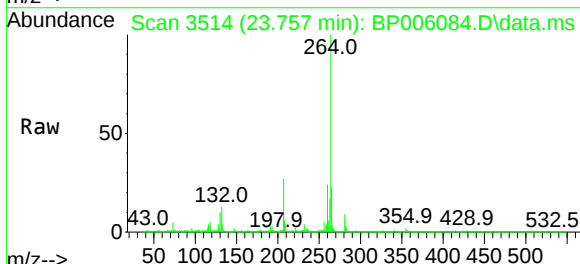
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

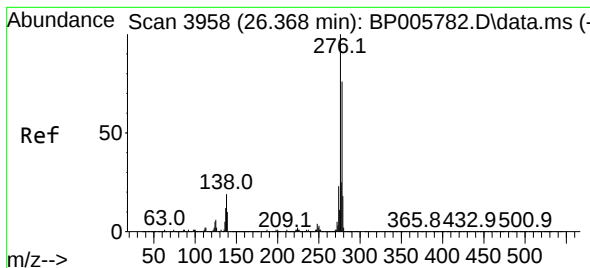
Tgt Ion:	228	Resp:	130253
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	21.9	15.4	23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:	264	Resp:	577092
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	28.0
265	23.1	17.6	26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.765 ng

RT: 26.274 min Scan# 3942

Delta R.T. -0.018 min

Lab File: BP006084.D

Acq: 28 Jun 2021 18:58

Instrument :

BNA_P

ClientSampleId :

SB-11-COMP

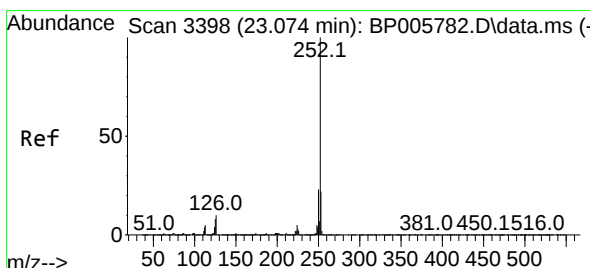
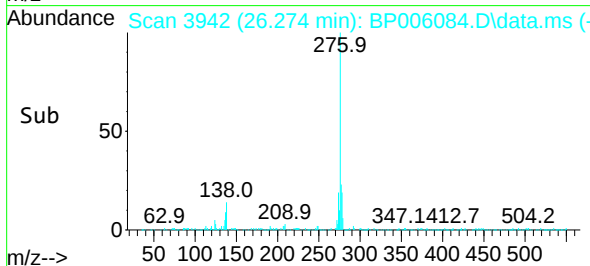
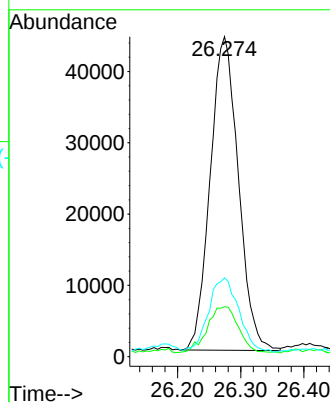
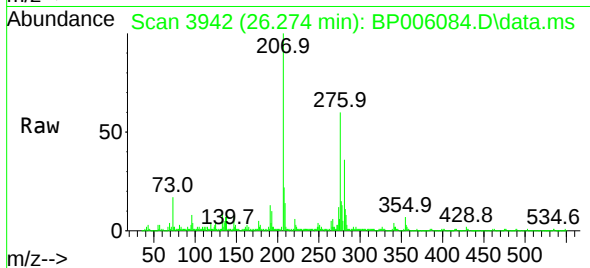
Tgt Ion:276 Resp: 136472

Ion Ratio Lower Upper

276 100

138 16.8 15.3 22.9

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 6.635 ng

RT: 23.021 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BP006084.D

Acq: 28 Jun 2021 18:58

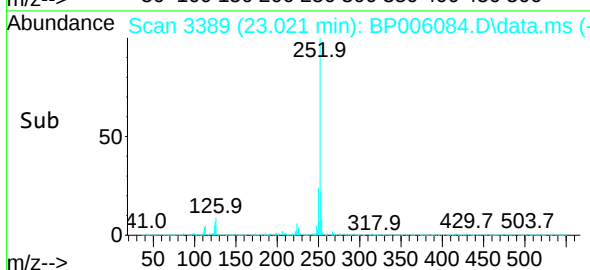
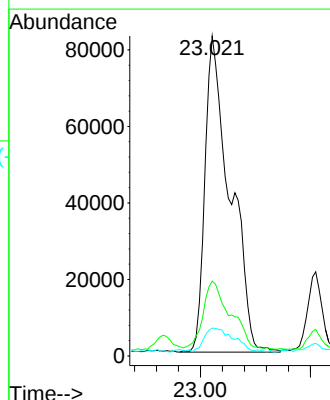
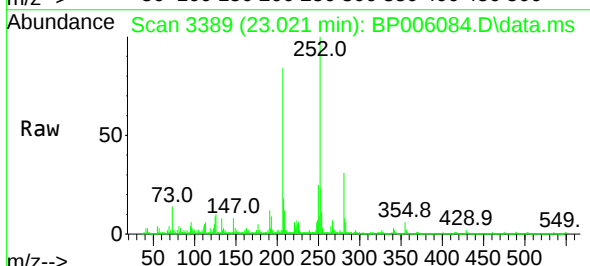
Tgt Ion:252 Resp: 262260

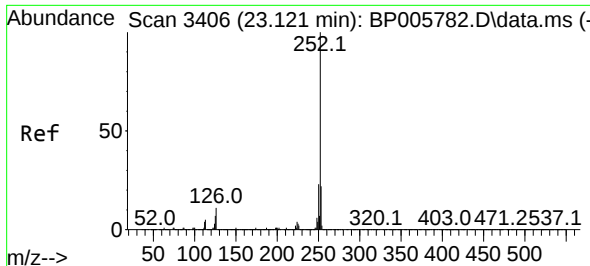
Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 8.7 6.2 9.4

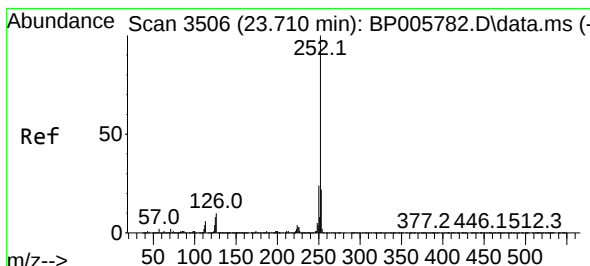
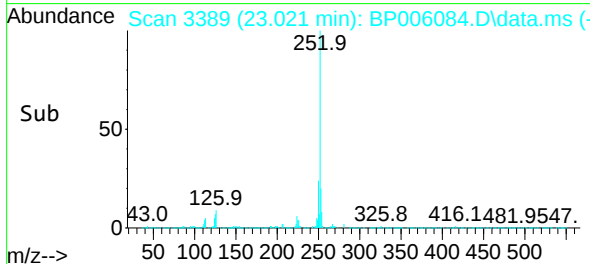
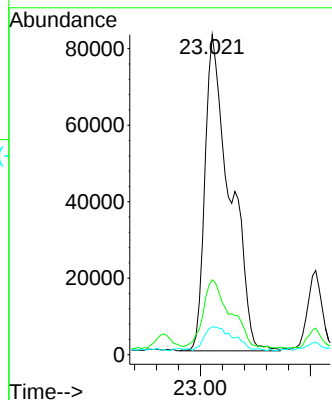
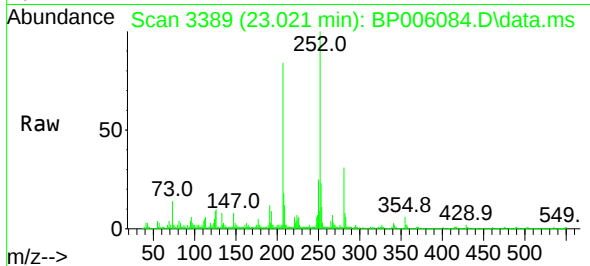




#89
Benzo(k)fluoranthene
Concen: 6.843 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.047 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

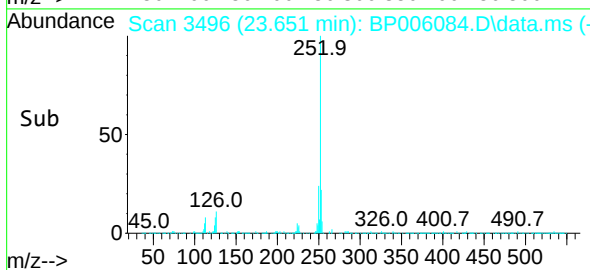
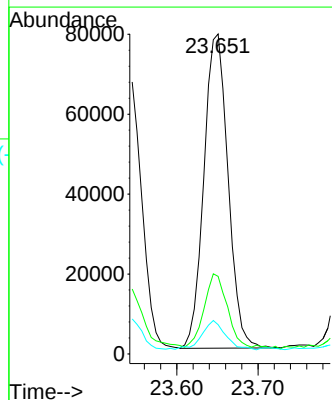
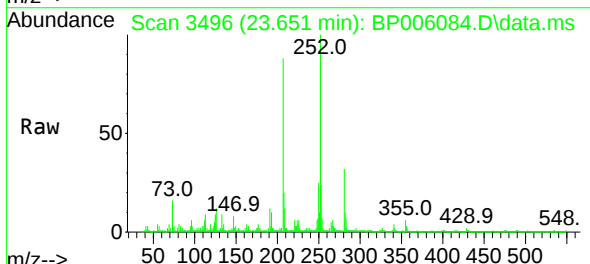
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

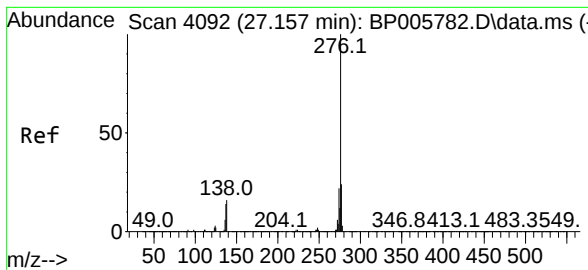
Tgt Ion:252 Resp: 262260
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 8.7 6.0 9.0



#90
Benzo(a)pyrene
Concen: 4.373 ng
RT: 23.651 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

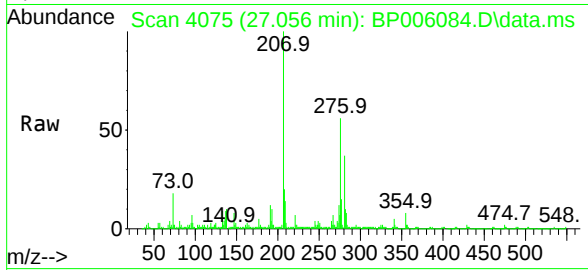
Tgt Ion:252 Resp: 162494
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 9.1 6.5 9.7





#92
 Benzo(g,h,i)perylene
 Concen: 3.525 ng
 RT: 27.056 min Scan# 4075
 Delta R.T. -0.006 min
 Lab File: BP006084.D
 Acq: 28 Jun 2021 18:58

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-COMP



Tgt Ion:	276	Resp:	147892
Ion Ratio	Lower	Upper	
276	100		
277	26.0	18.9	28.3
138	17.5	12.6	18.8

