

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009088.D
 Acq On : 09 Feb 2022 20:51
 Operator : CG/JU
 Sample : N1422-01RE 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BP-2RE

Quant Time: Feb 10 01:46:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

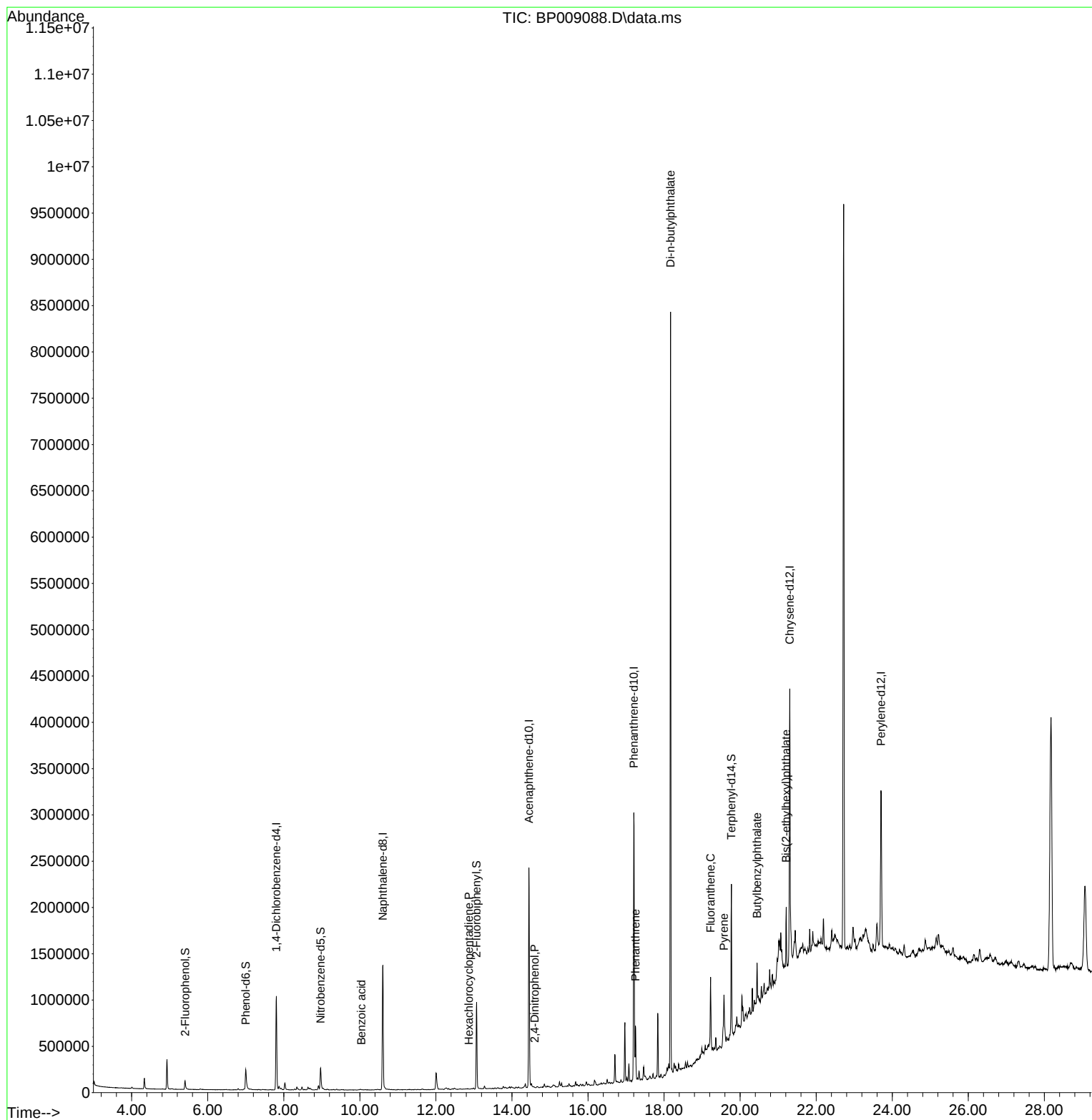
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	316707	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	1277260	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	879161	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1861679	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1359436	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	1408202	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	57252	3.225	ng	0.01
7) Phenol-d6	6.999	99	185848	7.944	ng	0.01
23) Nitrobenzene-d5	8.969	82	172138	7.600	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	8787	0.749	ng	0.01
45) 2-Fluorobiphenyl	13.069	172	548668	8.736	ng	0.00
79) Terphenyl-d14	19.769	244	752504	9.954	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.040	122	310	2.715	ng	85
41) Hexachlorocyclopentadiene	12.863	237	30	8.658	ng	83
54) 2,4-Dinitrophenol	14.593	184	59	2.177	ng	# 1
71) Phenanthrene	17.245	178	387642	3.846	ng	98
74) Di-n-butylphthalate	18.169	149	6142865	64.131	ng	99
75) Fluoranthene	19.222	202	448260	3.968	ng	97
78) Pyrene	19.575	202	346473	3.583	ng	99
80) Butylbenzylphthalate	20.445	149	153777	4.625	ng	98
84) Bis(2-ethylhexyl)phtha...	21.210	149	266447	6.058	ng	98

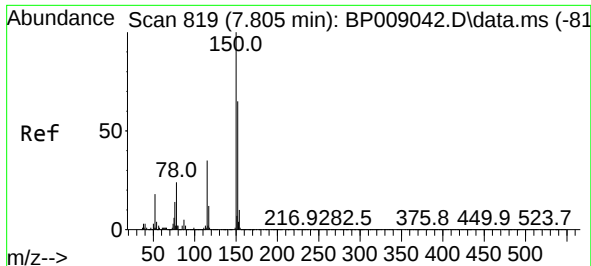
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Response via : Initial Calibration

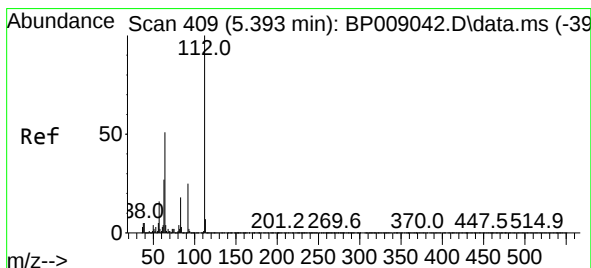
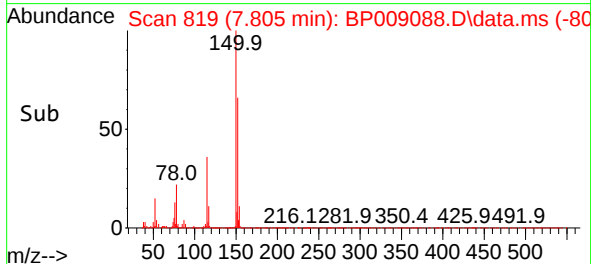
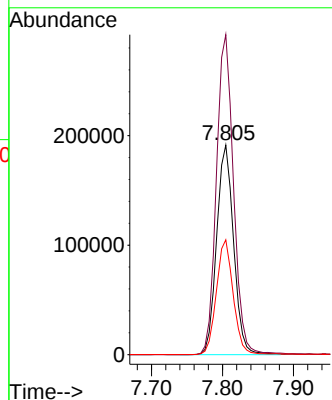
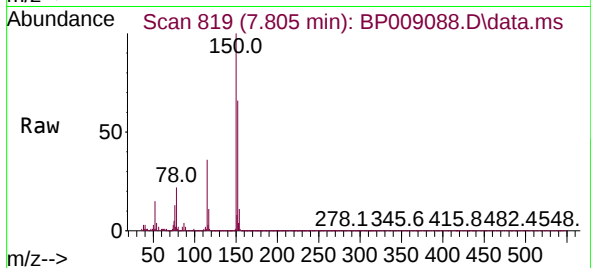




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 819
 Delta R.T. -0.000 min
 Lab File: BP009088.D
 Acq: 09 Feb 2022 20:51

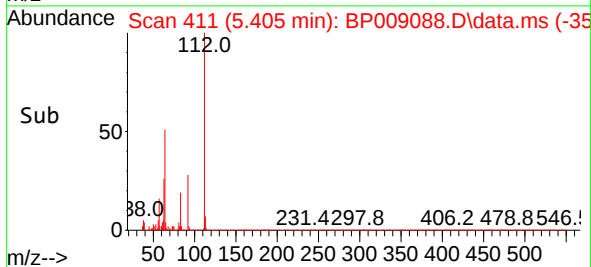
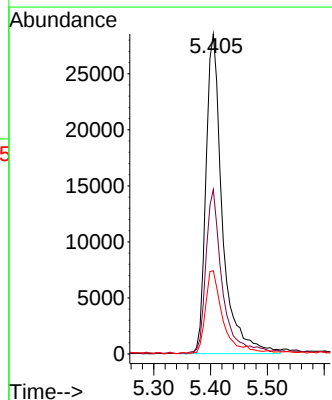
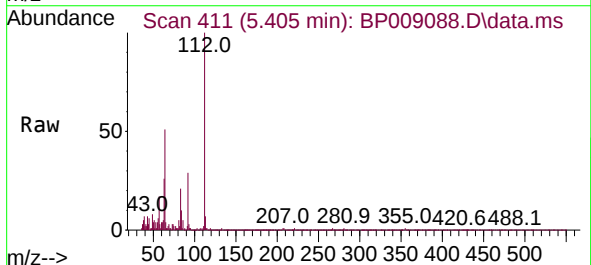
Instrument :
 BNA_P
 ClientSampleId :
 BP-2RE

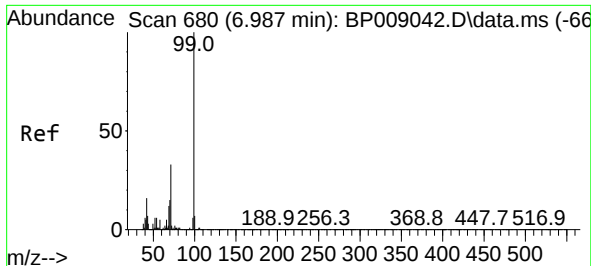
Tgt Ion:152 Resp: 316707
 Ion Ratio Lower Upper
 152 100
 150 152.6 127.0 190.6
 115 54.8 43.7 65.5



#5
 2-Fluorophenol
 Concen: 3.225 ng
 RT: 5.405 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: BP009088.D
 Acq: 09 Feb 2022 20:51

Tgt Ion:112 Resp: 57252
 Ion Ratio Lower Upper
 112 100
 64 51.4 39.7 59.5
 63 26.0 20.0 30.0

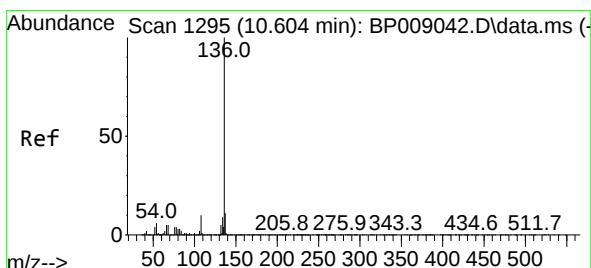
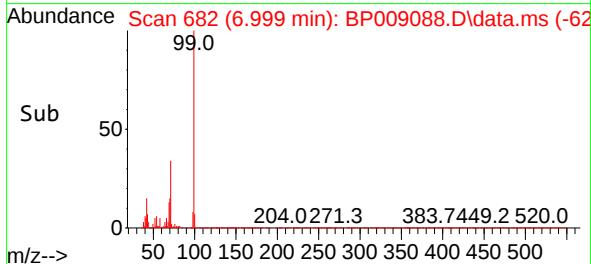
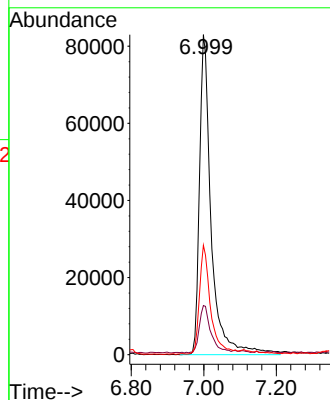
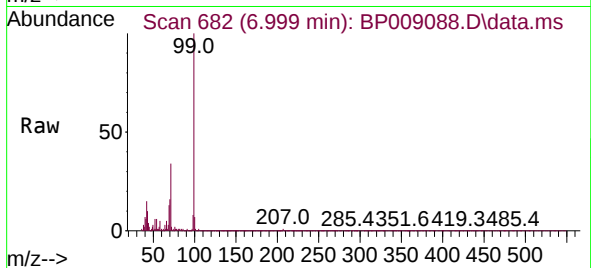




#7
Phenol-d6
Concen: 7.944 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

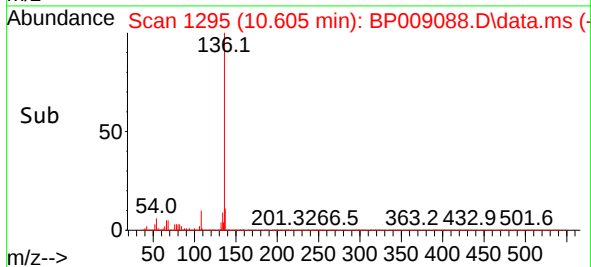
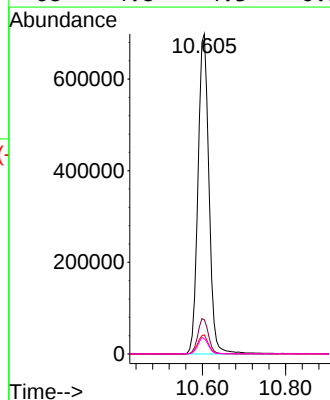
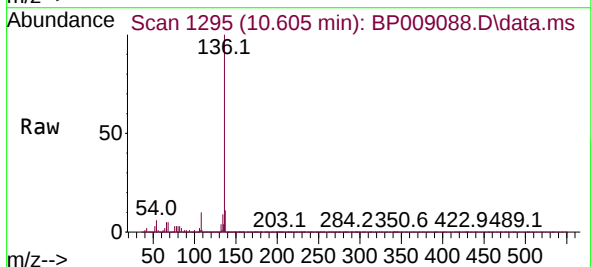
Instrument :
BNA_P
ClientSampleId :
BP-2RE

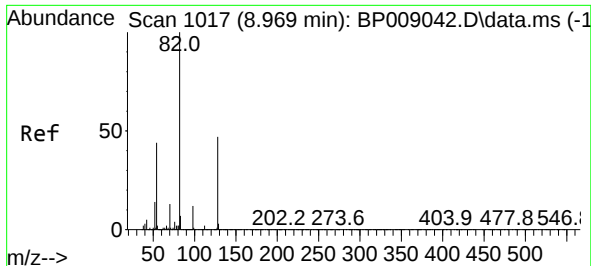
Tgt Ion: 99 Resp: 185848
Ion Ratio Lower Upper
99 100
42 15.4 10.8 16.2
71 34.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. 0.001 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

Tgt Ion: 136 Resp: 1277260
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 5.9 4.9 7.3
68 4.8 4.3 6.5

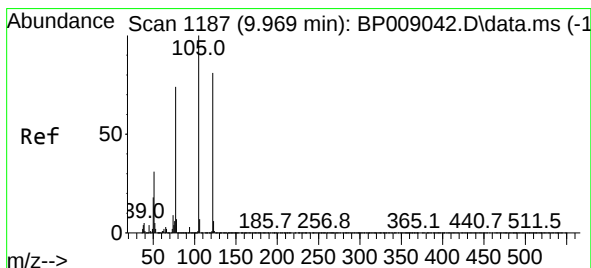
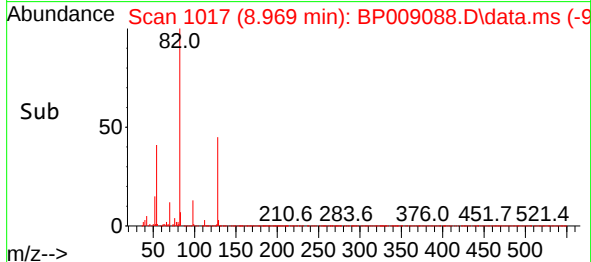
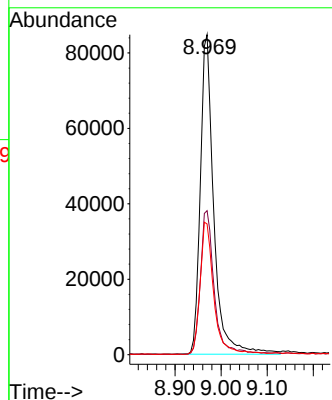
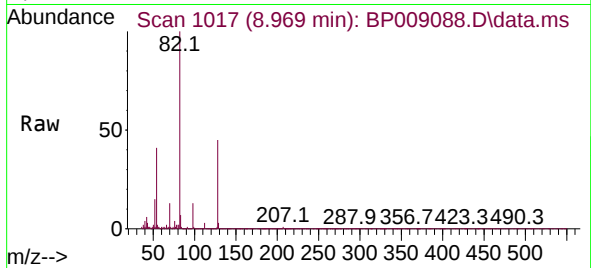




#23
Nitrobenzene-d5
Concen: 7.600 ng
RT: 8.969 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

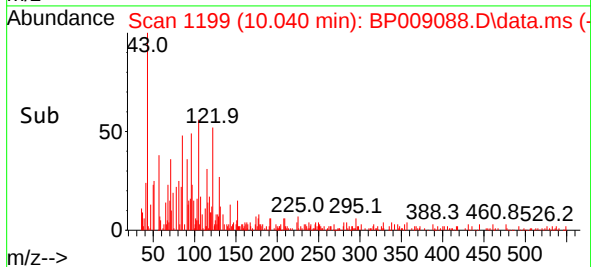
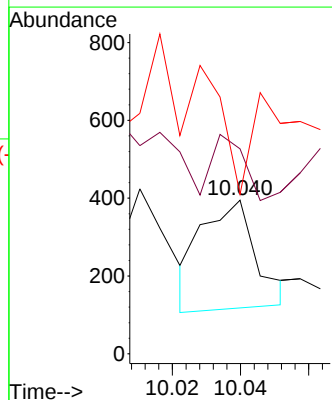
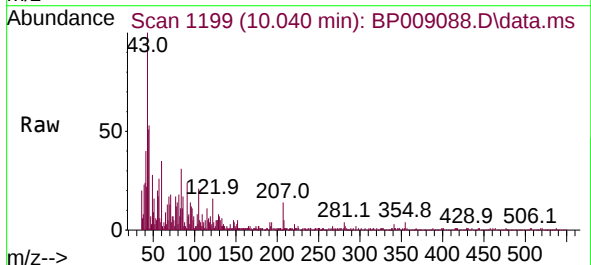
Instrument :
BNA_P
ClientSampleId :
BP-2RE

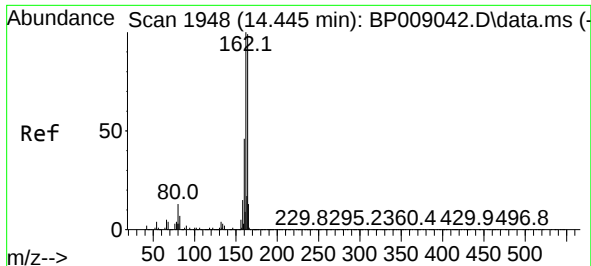
Tgt Ion: 82 Resp: 172138
Ion Ratio Lower Upper
82 100
128 45.0 39.4 59.2
54 40.8 32.6 48.8



#32
Benzoic acid
Concen: 2.715 ng
RT: 10.040 min Scan# 1199
Delta R.T. 0.071 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

Tgt Ion: 122 Resp: 310
Ion Ratio Lower Upper
122 100
105 133.4 100.1 140.1
77 103.8 65.5 105.5

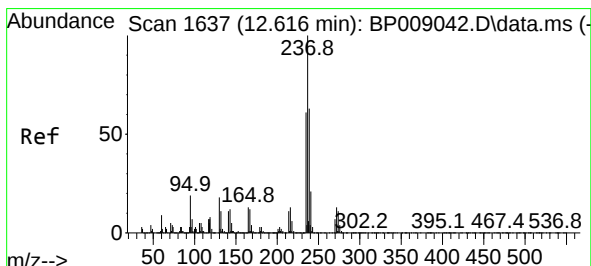
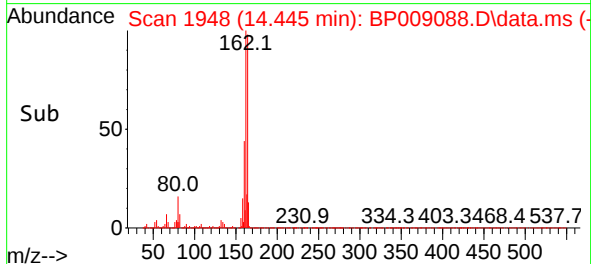
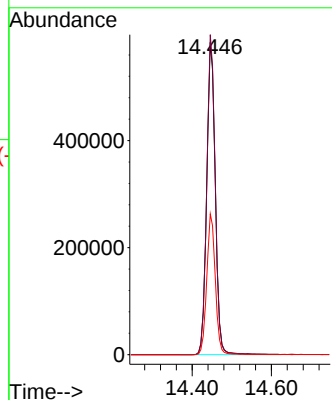
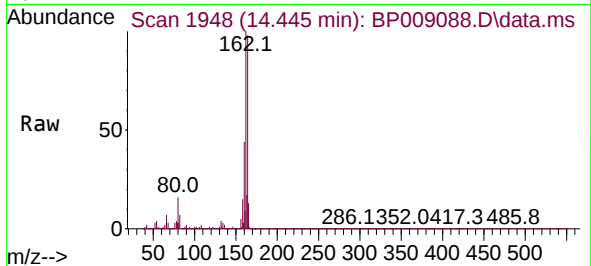




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

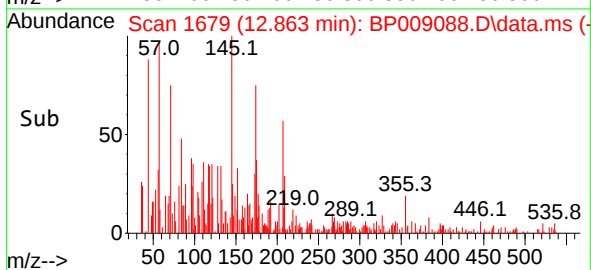
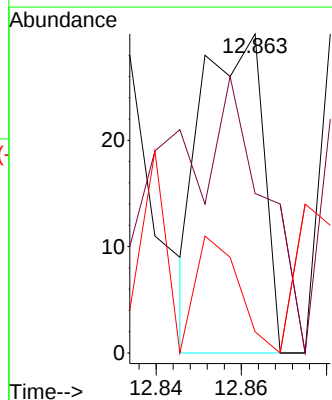
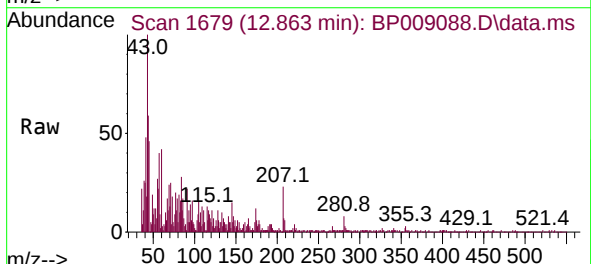
Instrument :
BNA_P
ClientSampleId :
BP-2RE

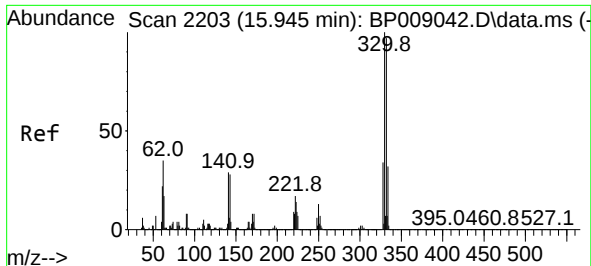
Tgt Ion:164 Resp: 879161
Ion Ratio Lower Upper
164 100
162 102.4 79.9 119.9
160 45.1 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.863 min Scan# 1679
Delta R.T. 0.247 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

Tgt Ion:237 Resp: 30
Ion Ratio Lower Upper
237 100
235 50.0 42.9 82.9
272 6.7 0.0 33.8

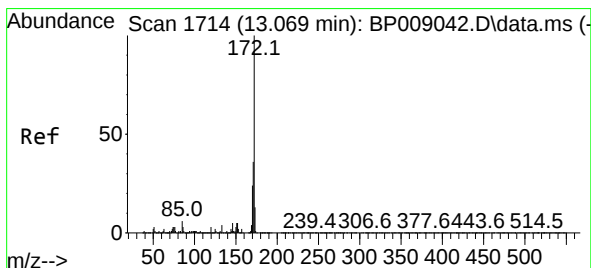
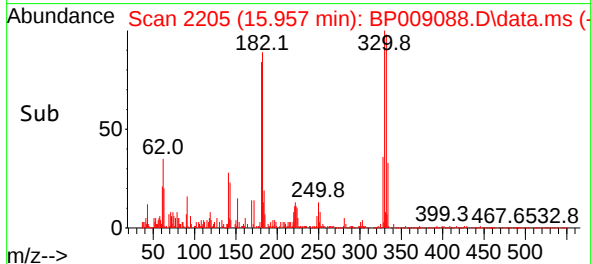
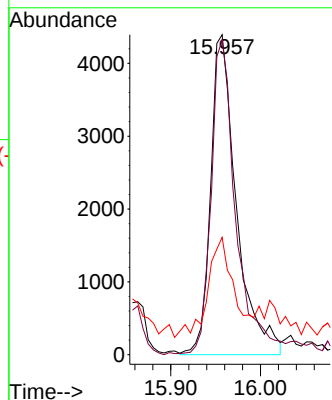
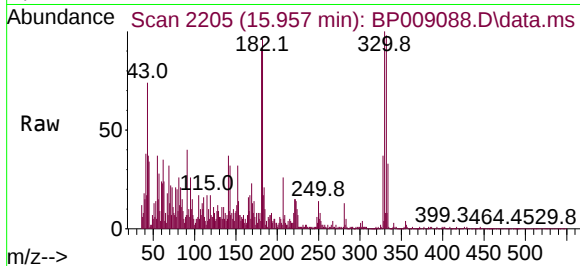




#42
2,4,6-Tribromophenol
Concen: 0.749 ng
RT: 15.957 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

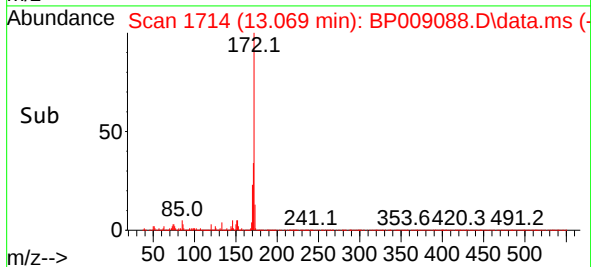
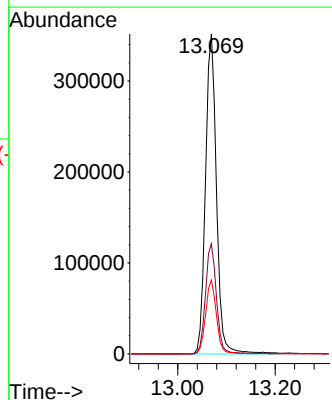
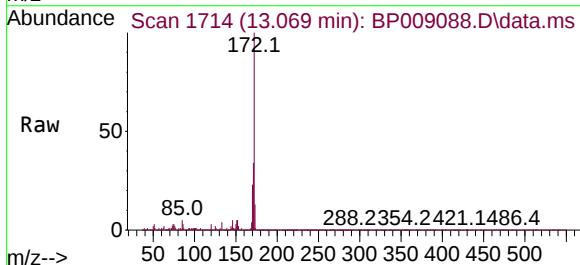
Instrument :
BNA_P
ClientSampleId :
BP-2RE

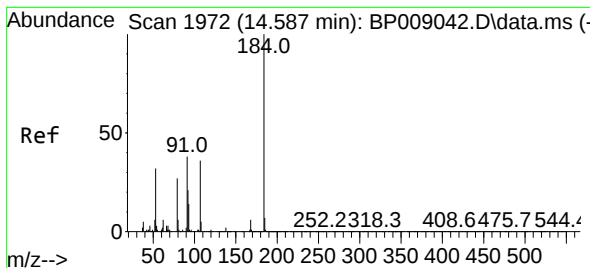
Tgt Ion:330 Resp: 8787
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.4
141 31.6 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 8.736 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

Tgt Ion:172 Resp: 548668
Ion Ratio Lower Upper
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171 34.4 29.3 43.9
170 23.1 19.5 29.3

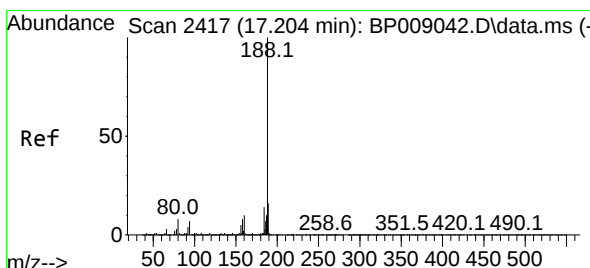
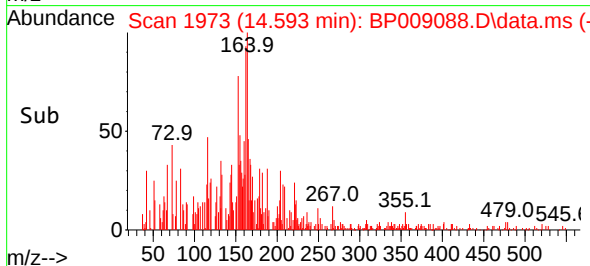
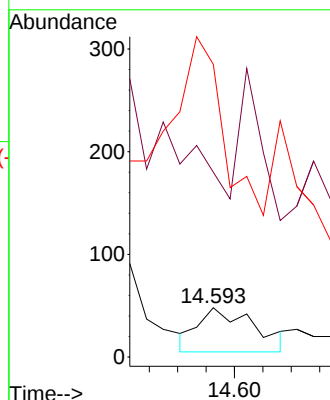
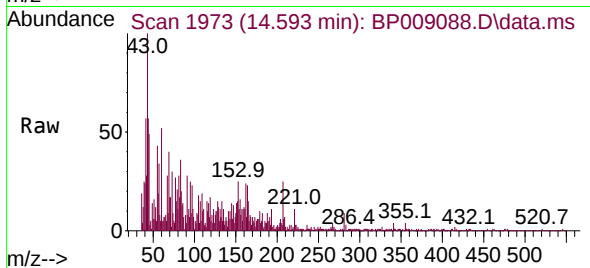




#54
2,4-Dinitrophenol
Concen: 2.177 ng
RT: 14.593 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

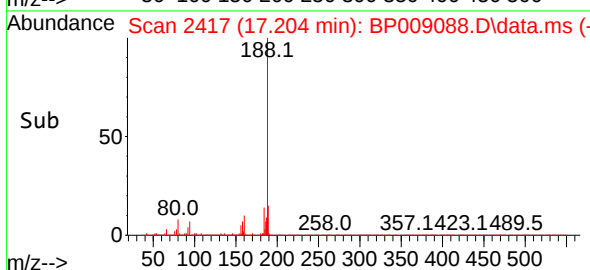
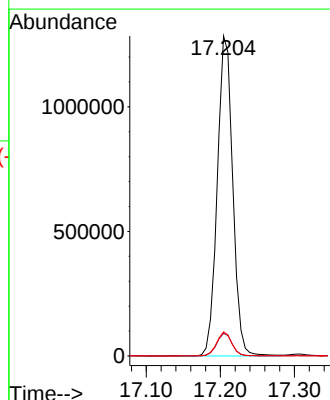
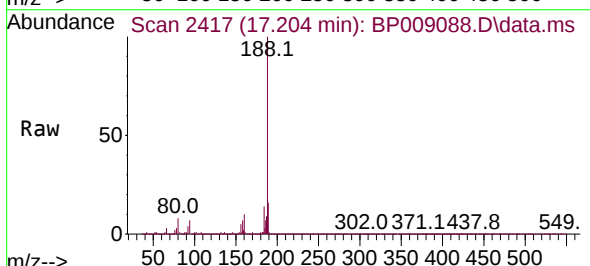
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ClientSampleId :
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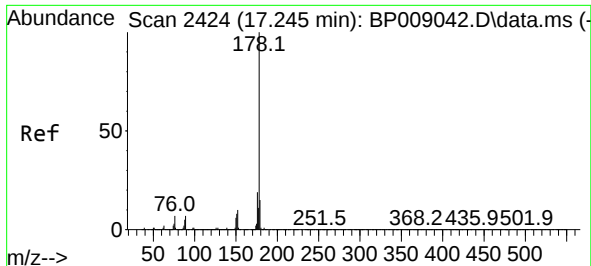
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 375.0 35.6 53.4#
154 593.8 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

Tgt Ion:188 Resp: 1861679
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.6 7.2 10.8

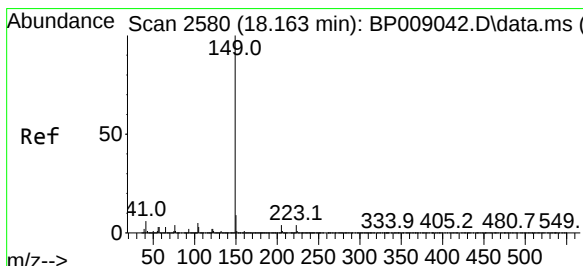
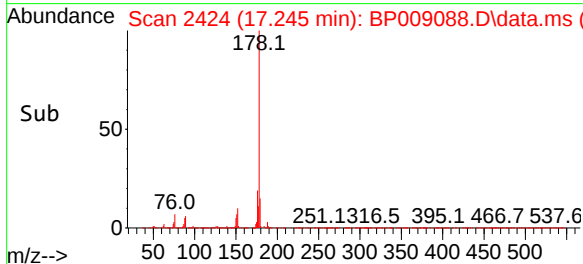
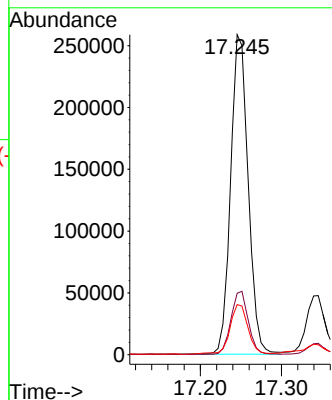
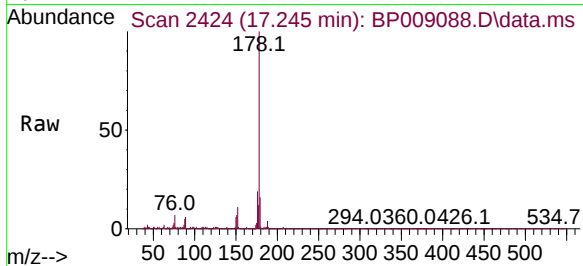




#71
Phenanthrene
Concen: 3.846 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

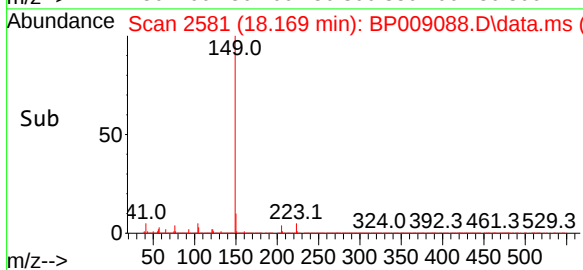
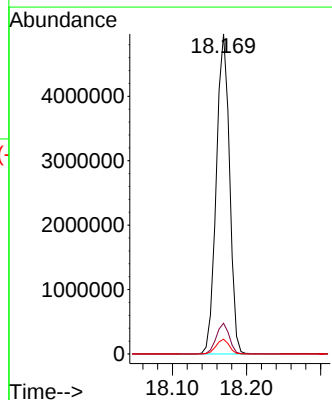
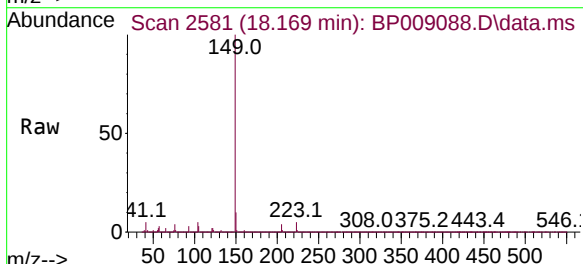
Instrument :
BNA_P
ClientSampleId :
BP-2RE

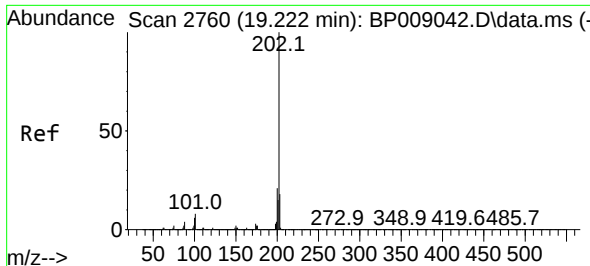
Tgt Ion:178 Resp: 387642
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.7 13.0 19.4



#74
Di-n-butylphthalate
Concen: 64.131 ng
RT: 18.169 min Scan# 2581
Delta R.T. 0.006 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

Tgt Ion:149 Resp: 6142865
Ion Ratio Lower Upper
149 100
150 9.6 7.9 11.9
104 4.6 3.7 5.5

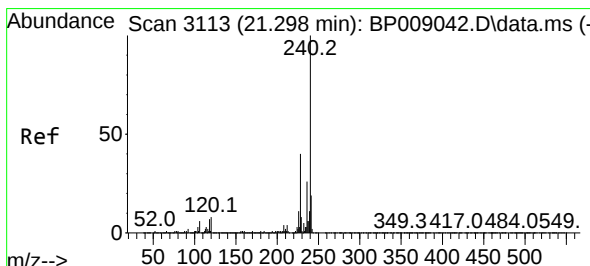
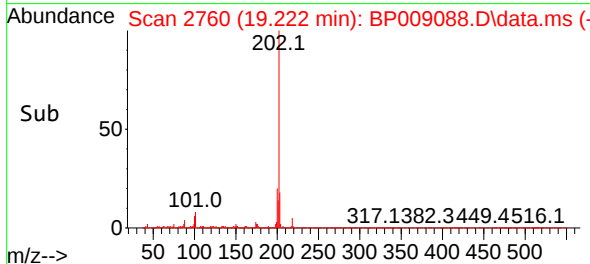
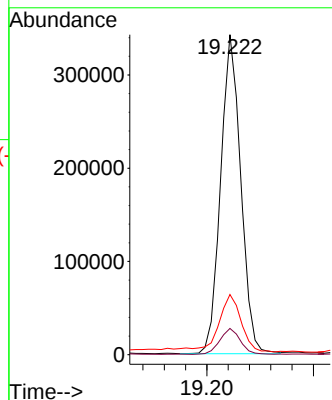
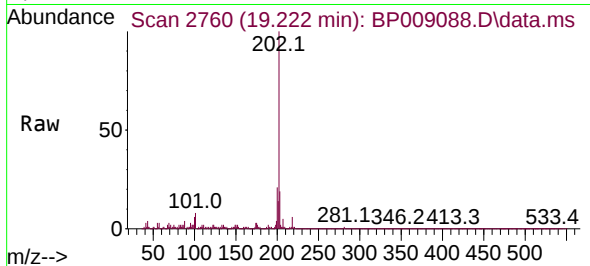




#75
Fluoranthene
Concen: 3.968 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

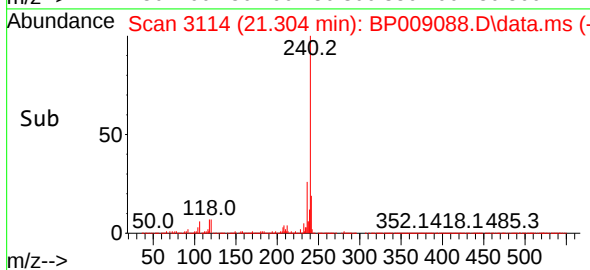
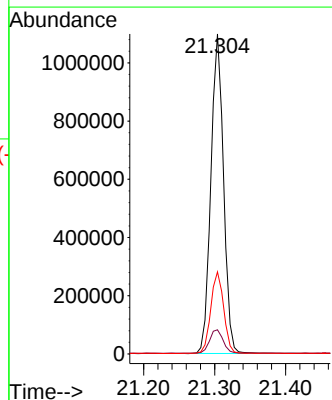
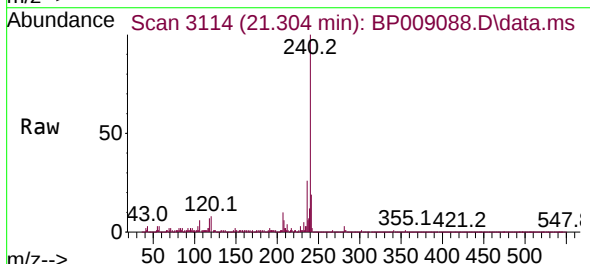
Instrument :
BNA_P
ClientSampleId :
BP-2RE

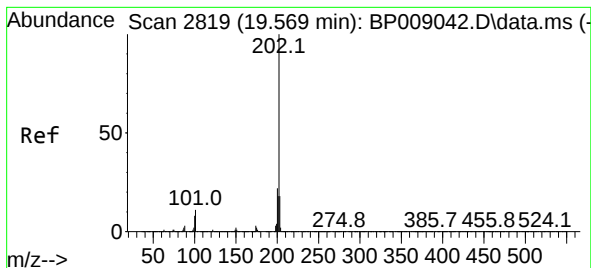
Tgt Ion:202 Resp: 448260
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.7
203 18.8 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009088.D
Acq: 09 Feb 2022 20:51

Tgt Ion:240 Resp: 1359436
Ion Ratio Lower Upper
240 100
120 7.5 7.7 11.5#
236 25.6 21.2 31.8





#78

Pyrene

Concen: 3.583 ng

RT: 19.575 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP009088.D

Acq: 09 Feb 2022 20:51

Instrument :

BNA_P

ClientSampleId :

BP-2RE

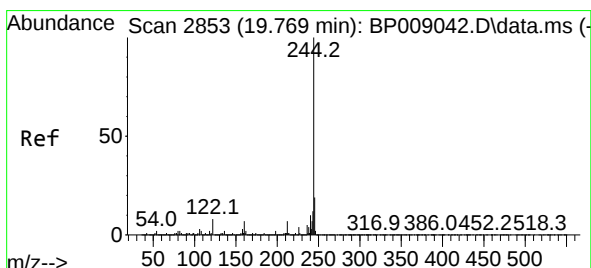
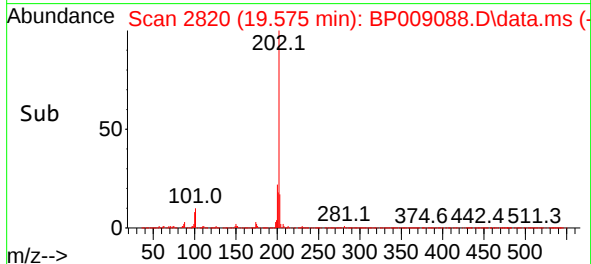
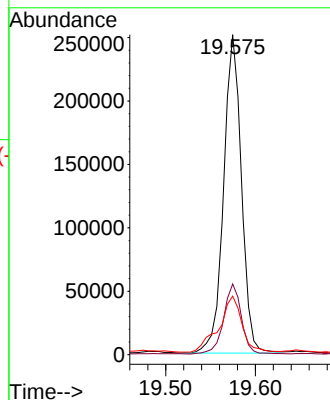
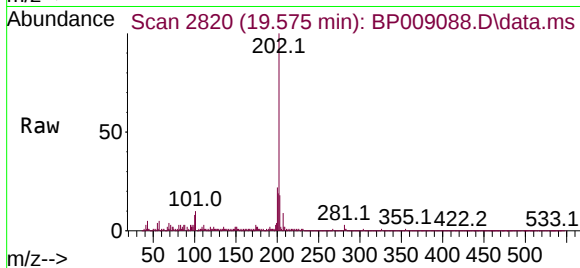
Tgt Ion:202 Resp: 346473

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

203 18.3 15.0 22.6



#79

Terphenyl-d14

Concen: 9.954 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP009088.D

Acq: 09 Feb 2022 20:51

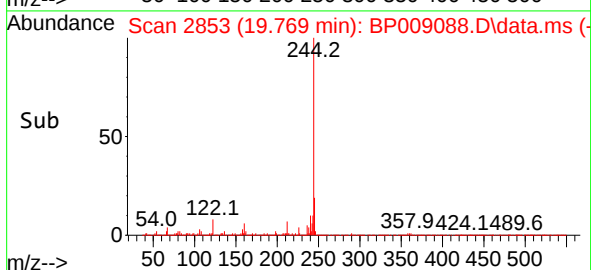
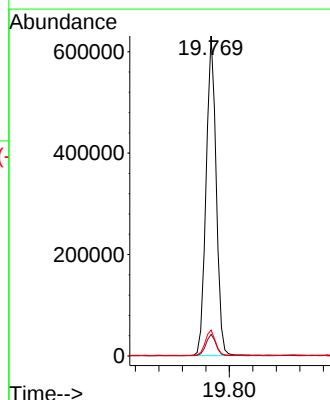
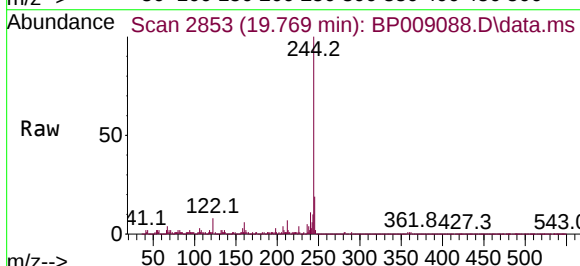
Tgt Ion:244 Resp: 752504

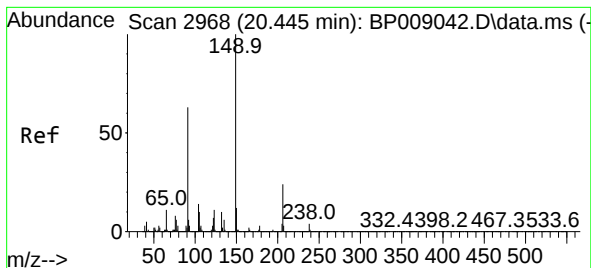
Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

122 8.1 9.2 13.8#





#80

Butylbenzylphthalate

Concen: 4.625 ng

RT: 20.445 min Scan# 2968

Delta R.T. 0.000 min

Lab File: BP009088.D

Acq: 09 Feb 2022 20:51

Instrument :

BNA_P

ClientSampleId :

BP-2RE

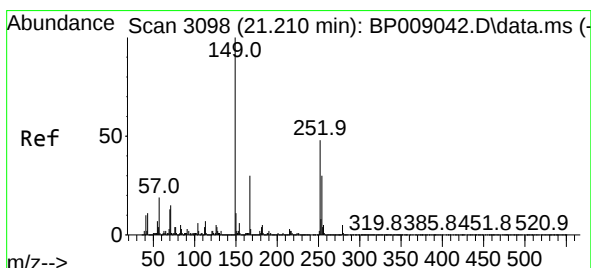
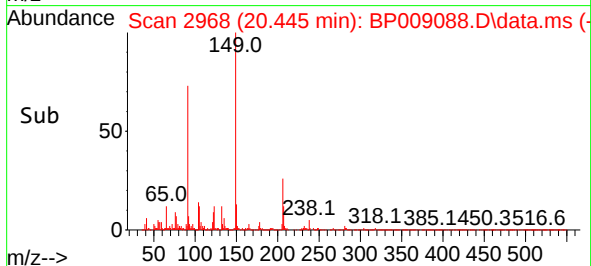
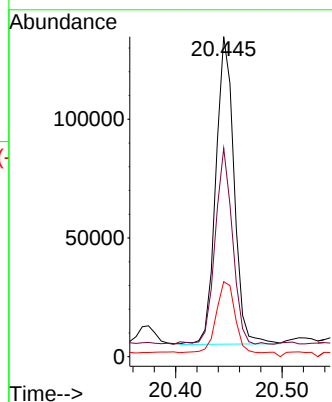
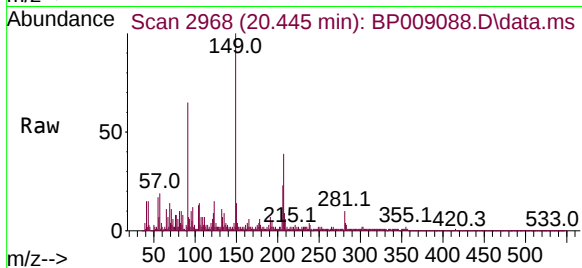
Tgt Ion:149 Resp: 153777

Ion Ratio Lower Upper

149 100

91 65.1 50.6 76.0

206 23.5 19.7 29.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.058 ng

RT: 21.210 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP009088.D

Acq: 09 Feb 2022 20:51

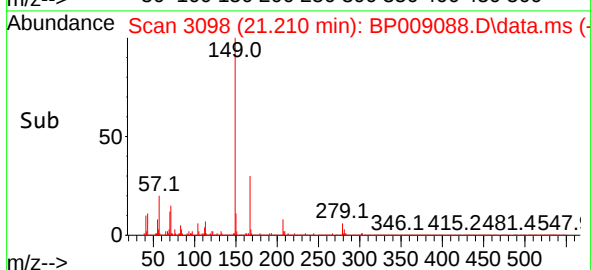
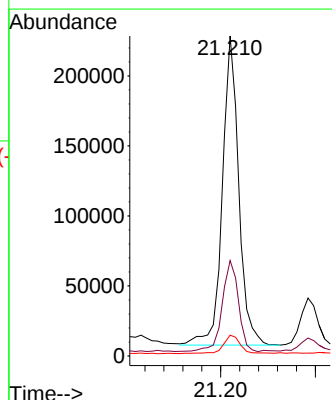
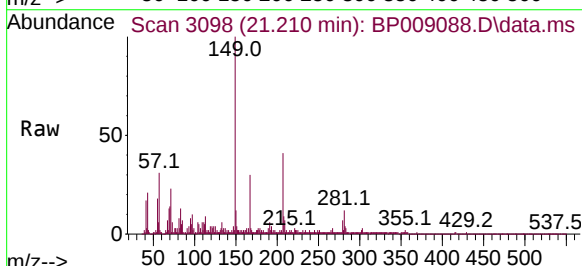
Tgt Ion:149 Resp: 266447

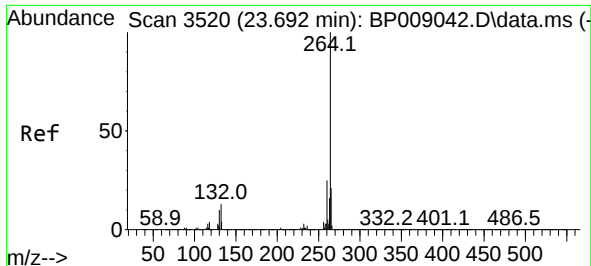
Ion Ratio Lower Upper

149 100

167 29.8 25.0 37.4

279 6.5 4.8 7.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP009088.D
 Acq: 09 Feb 2022 20:51

Instrument :
 BNA_P
 ClientSampleId :
 BP-2RE

Tgt Ion:264 Resp: 1408202
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 22.3 17.1 25.7

