

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009621.D
 Acq On : 30 Mar 2022 16:33
 Operator : CG/JU
 Sample : N2150-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 362

Quant Time: Mar 31 04:40:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

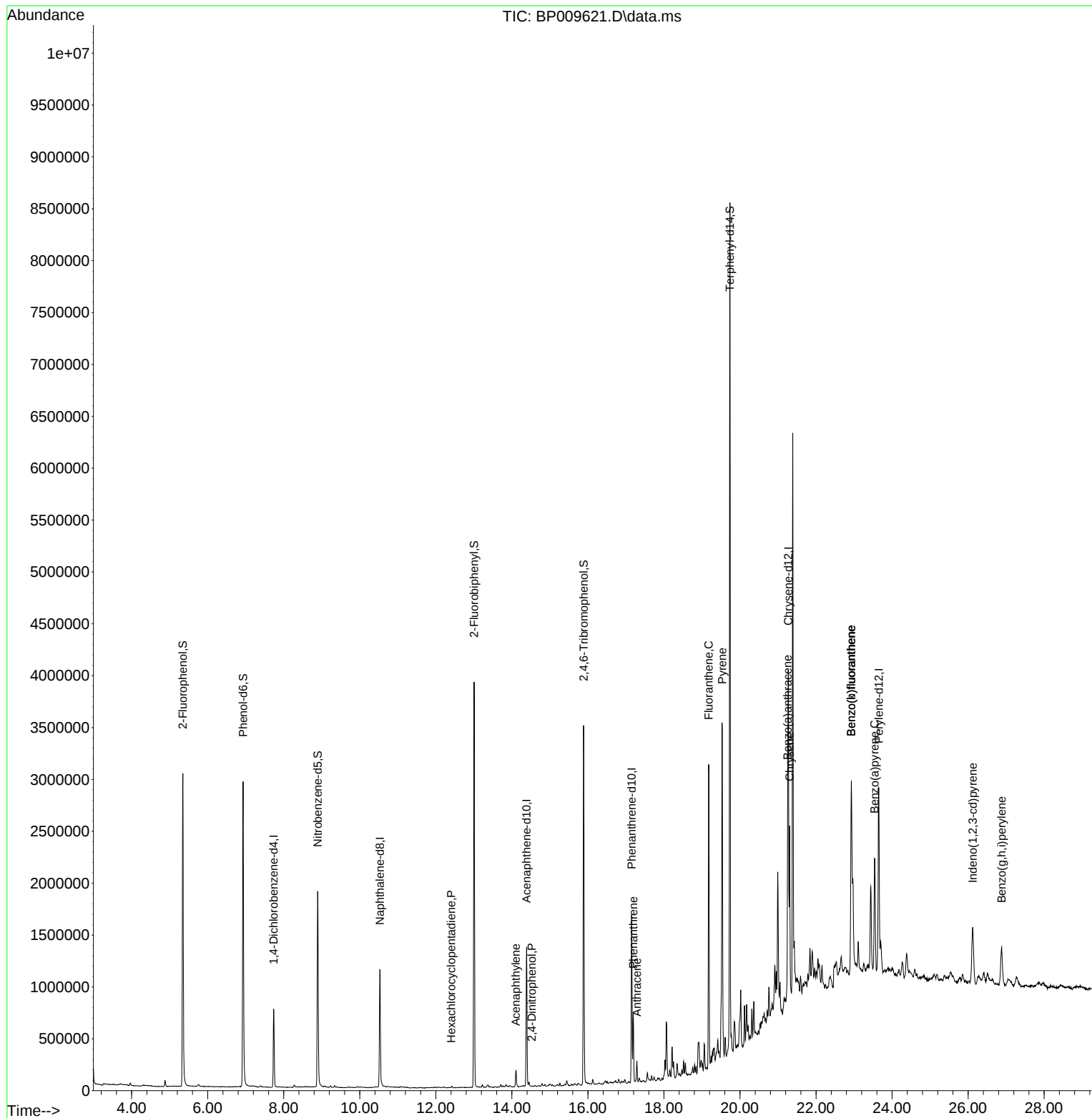
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	240301	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1045263	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	519416	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1085319	20.000	ng	# 0.00
76) Chrysene-d12	21.269	240	1221551	20.000	ng	# 0.00
86) Perylene-d12	23.651	264	1496194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1630641	118.476	ng	0.00
7) Phenol-d6	6.928	99	2061607	110.761	ng	0.00
23) Nitrobenzene-d5	8.893	82	1262230	64.171	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	887318	103.522	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2286238	61.018	ng	0.00
79) Terphenyl-d14	19.733	244	4272053	62.772	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.822	77	252	Below Cal	#	22
41) Hexachlorocyclopentadiene	12.404	237	11	7.290	ng	75
49) Acenaphthylene	14.104	152	137657	2.923	ng	100
54) 2,4-Dinitrophenol	14.522	184	145	4.559	ng	# 1
71) Phenanthrene	17.192	178	442259	7.612	ng	100
72) Anthracene	17.287	178	139106	2.425	ng	99
75) Fluoranthene	19.175	202	1832402	26.052	ng	99
78) Pyrene	19.533	202	2144598	26.643	ng	99
81) Benzo(a)anthracene	21.251	228	998395	12.440	ng	98
83) Chrysene	21.304	228	1072511	14.113	ng	99
87) Indeno(1,2,3-cd)pyrene	26.121	276	562446	4.955	ng	# 93
88) Benzo(b)fluoranthene	22.927	252	1600383	17.918	ng	99
89) Benzo(k)fluoranthene	22.927	252	1600383	18.300	ng	98
90) Benzo(a)pyrene	23.539	252	932221	12.199	ng	98
92) Benzo(g,h,i)perylene	26.880	276	528100	5.674	ng	95

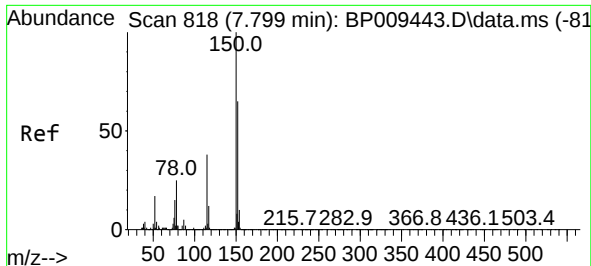
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
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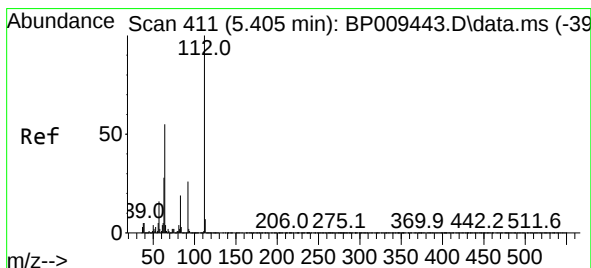
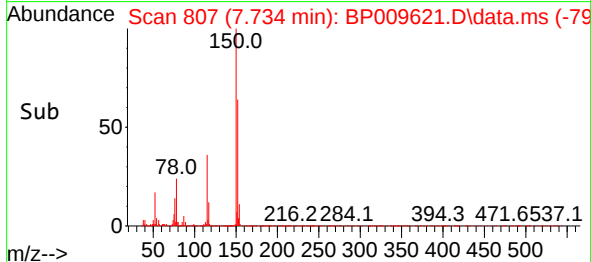
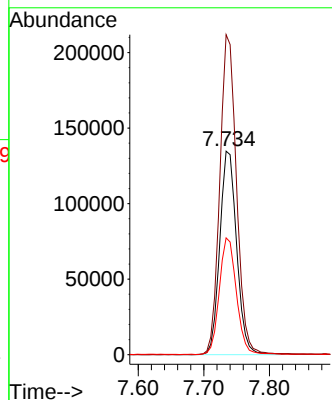
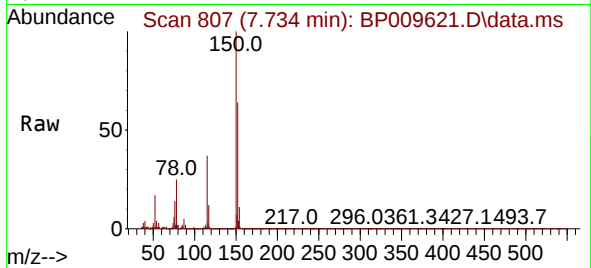




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP009621.D
 Acq: 30 Mar 2022 16:33

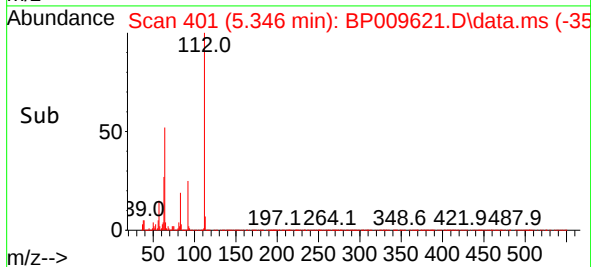
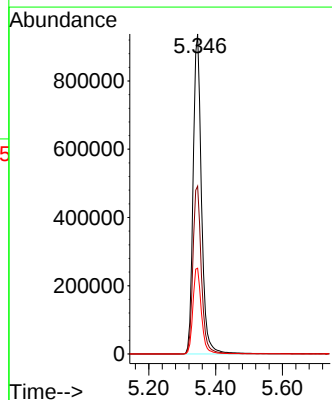
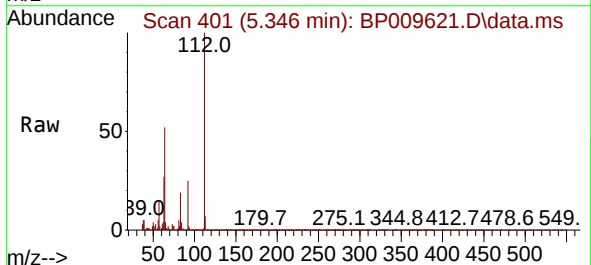
Instrument :
 BNA_P
 ClientSampleId :
 362

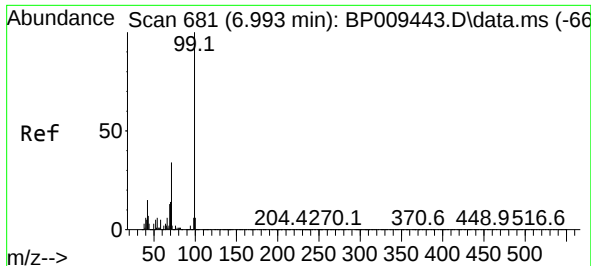
Tgt Ion:152 Resp: 240301
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.5 186.7
 115 57.4 48.2 72.4



#5
 2-Fluorophenol
 Concen: 118.476 ng
 RT: 5.346 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: BP009621.D
 Acq: 30 Mar 2022 16:33

Tgt Ion:112 Resp: 1630641
 Ion Ratio Lower Upper
 112 100
 64 52.5 45.0 67.4
 63 26.8 23.0 34.6

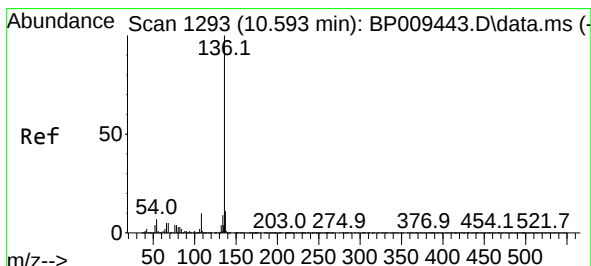
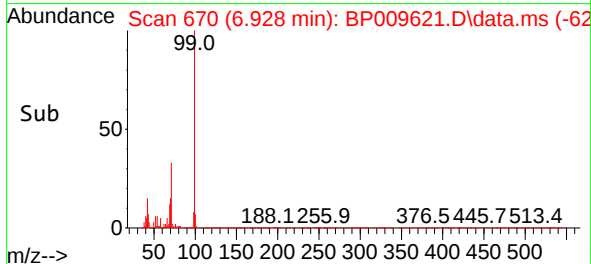
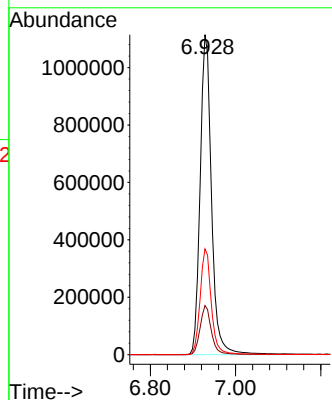
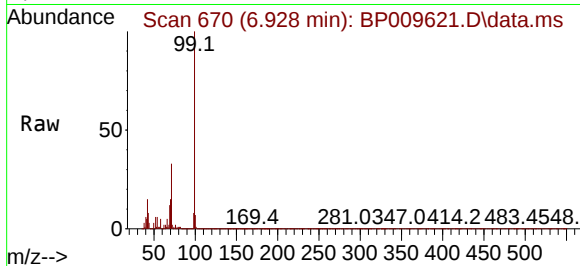




#7
Phenol-d6
Concen: 110.761 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

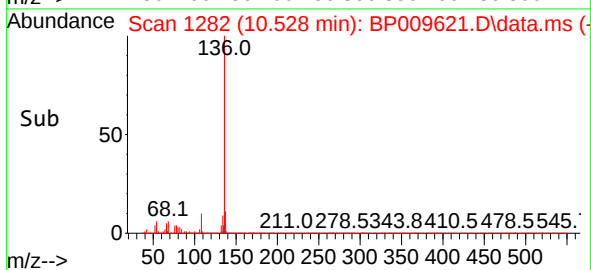
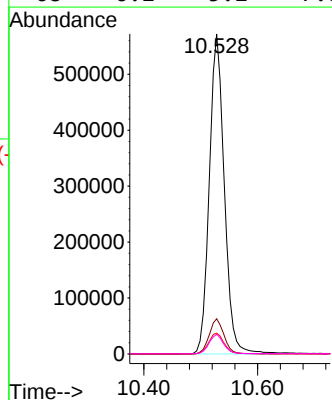
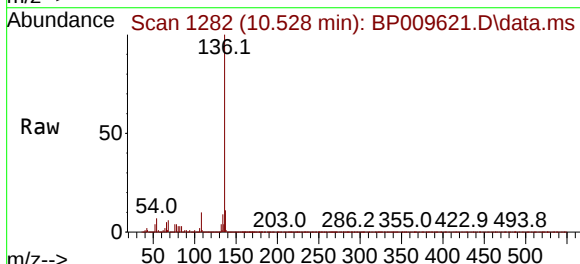
Instrument :
BNA_P
ClientSampleId :
362

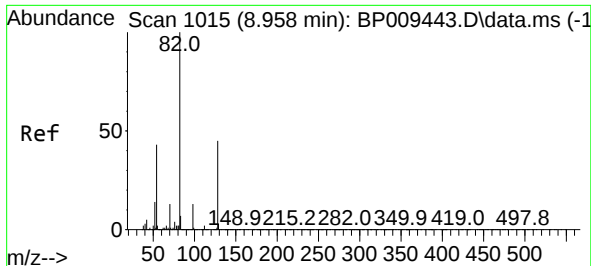
Tgt Ion: 99 Resp: 2061607
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion: 136 Resp: 1045263
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.5 5.8 8.8
68 6.2 5.2 7.8

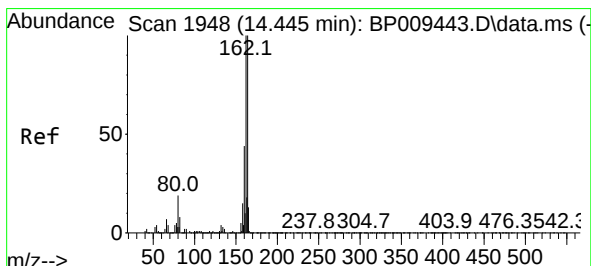
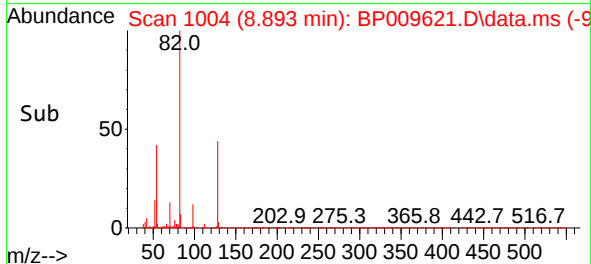
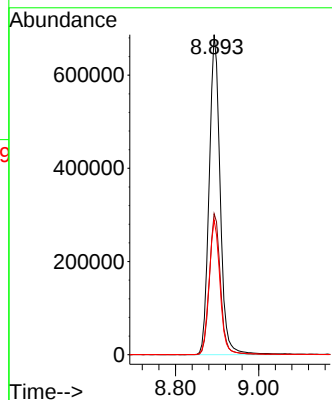
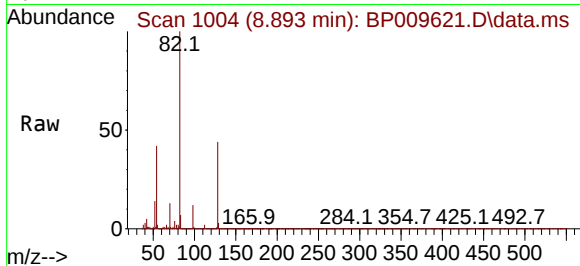




#23
Nitrobenzene-d5
Concen: 64.171 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

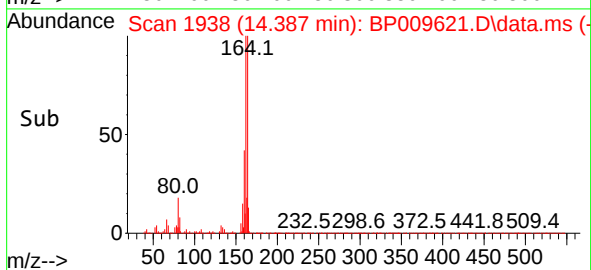
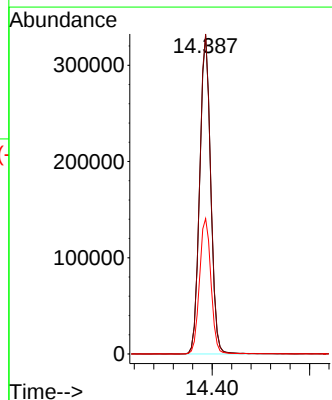
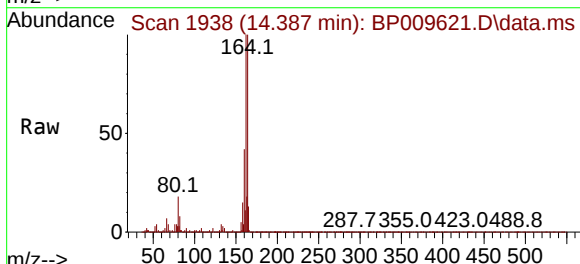
Instrument :
BNA_P
ClientSampleId :
362

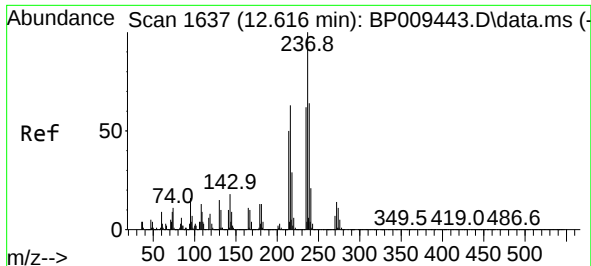
Tgt Ion: 82 Resp: 1262230
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 42.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion:164 Resp: 519416
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 42.5 34.9 52.3

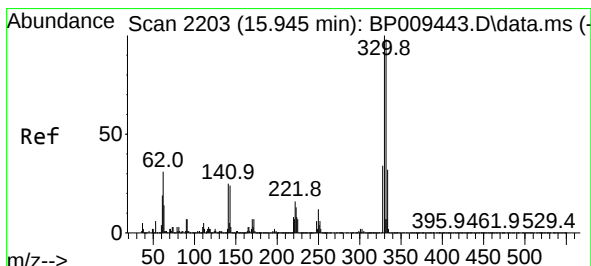
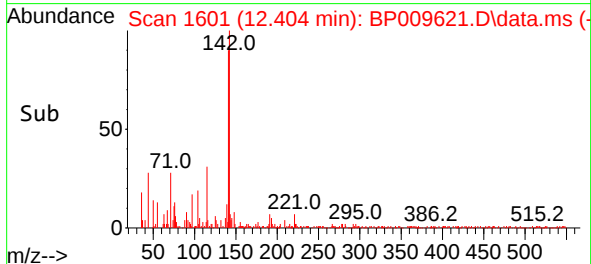
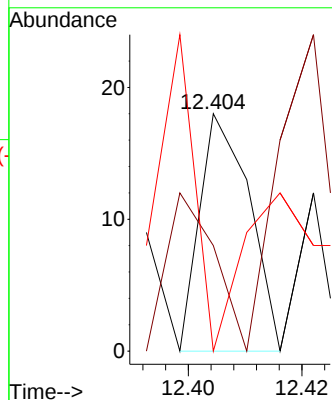
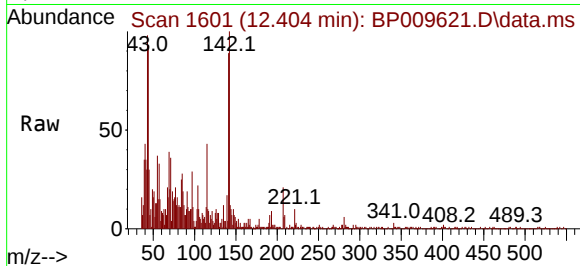




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.404 min Scan# 1
Delta R.T. -0.153 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

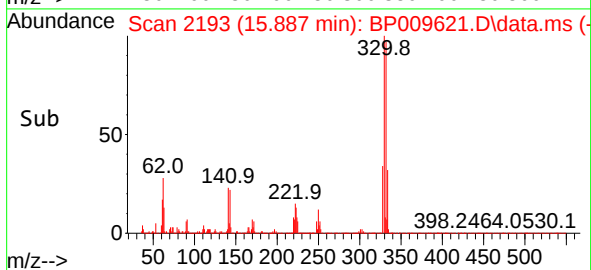
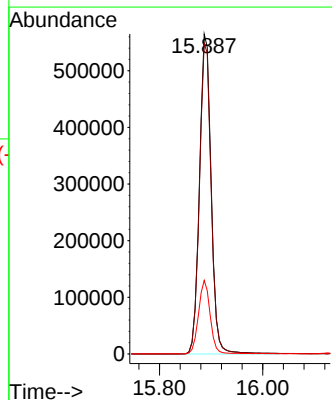
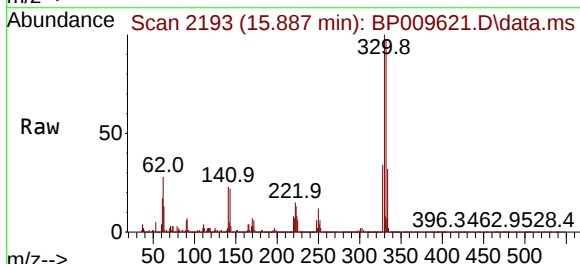
Instrument :
BNA_P
ClientSampleId :
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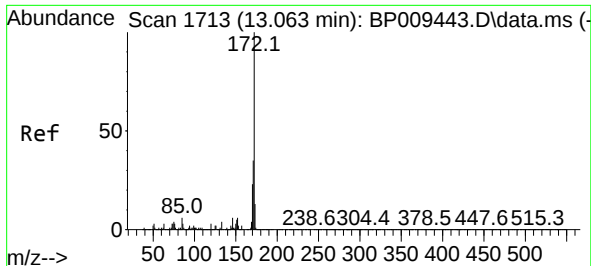
Tgt Ion:237	Resp:	11
Ion Ratio	Lower	Upper
237	100	
235	44.4	42.6 82.6
272	0.0	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 103.522 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion:330	Resp:	887318
Ion Ratio	Lower	Upper
330	100	
332	97.2	77.0 115.6
141	22.6	27.6 41.4#

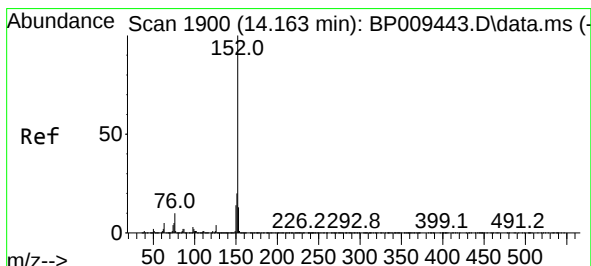
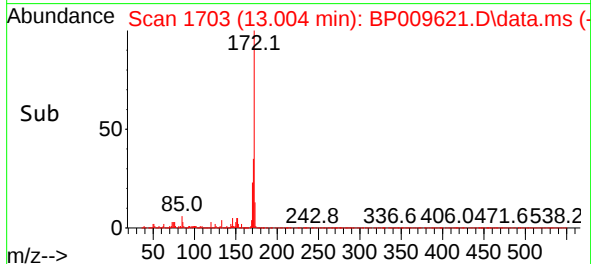
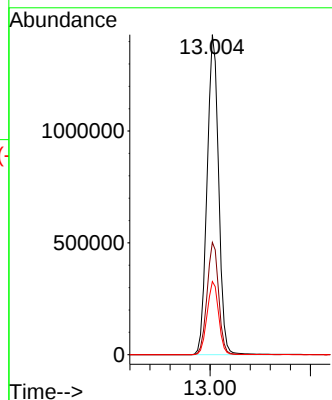
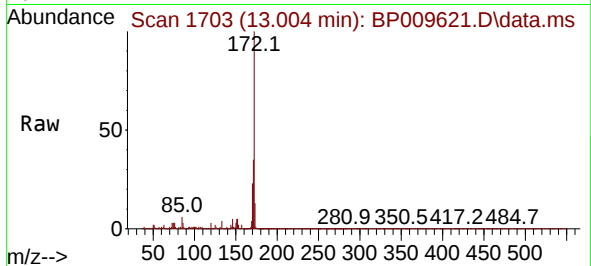




#45
2-Fluorobiphenyl
Concen: 61.018 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

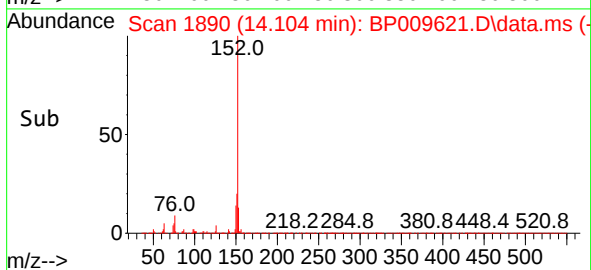
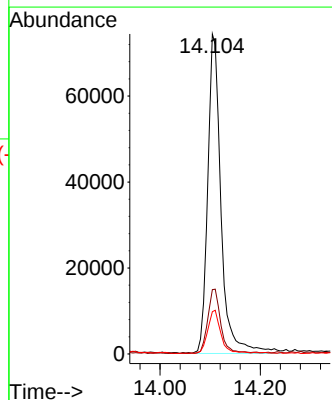
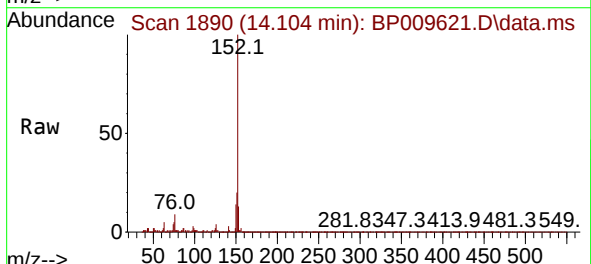
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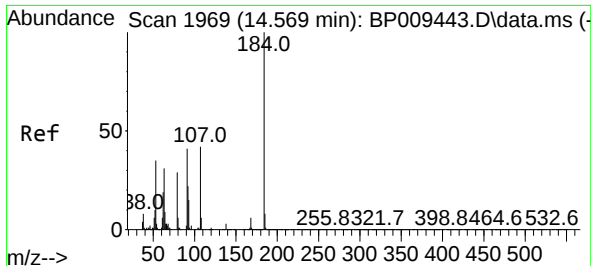
Tgt Ion:172 Resp: 2286238
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.9 18.6 27.8



#49
Acenaphthylene
Concen: 2.923 ng
RT: 14.104 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion:152 Resp: 137657
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.7 16.1

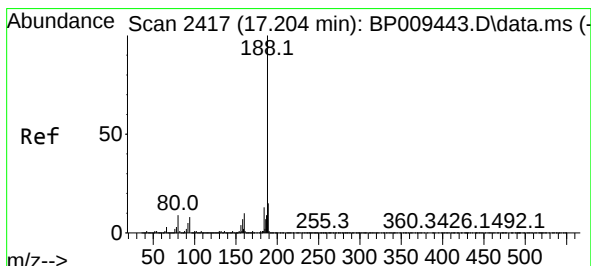
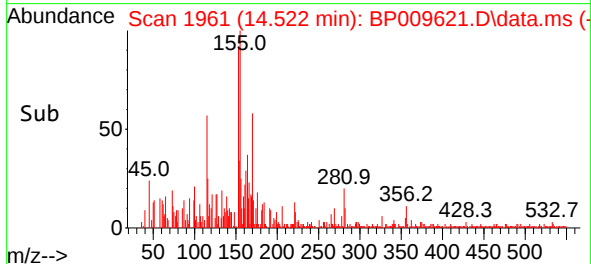
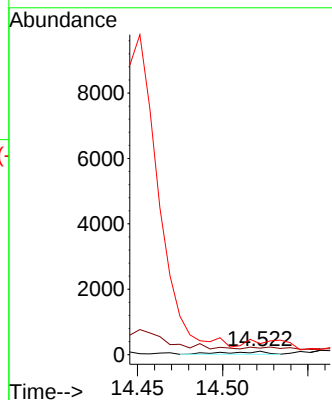
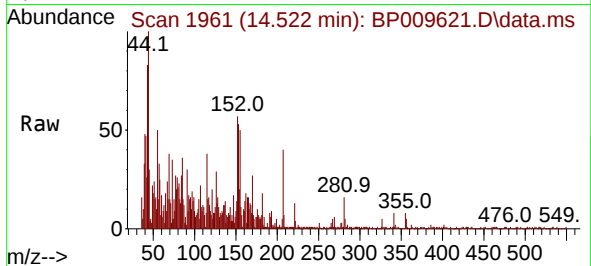




#54
2,4-Dinitrophenol
Concen: 4.559 ng
RT: 14.522 min Scan# 145
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

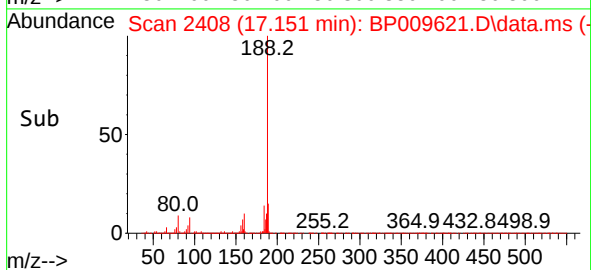
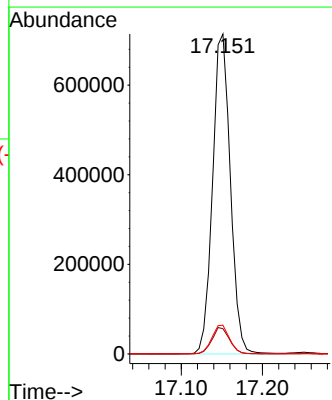
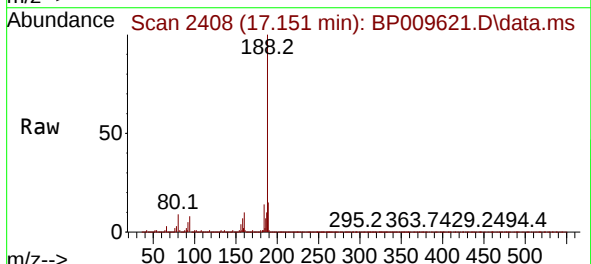
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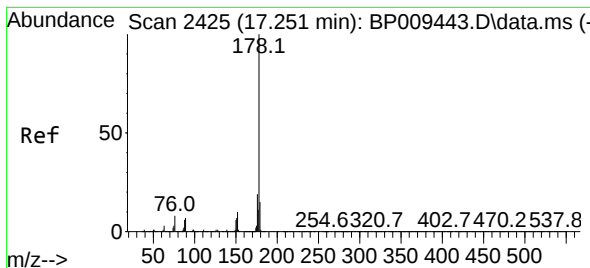
Tgt Ion:184 Resp: 145
Ion Ratio Lower Upper
184 100
63 187.0 46.3 69.5#
154 312.0 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion:188 Resp: 1085319
Ion Ratio Lower Upper
188 100
94 7.9 7.9 11.9#
80 9.0 8.8 13.2





#71

Phenanthrene

Concen: 7.612 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP009621.D

Acq: 30 Mar 2022 16:33

Instrument :

BNA_P

ClientSampleId :

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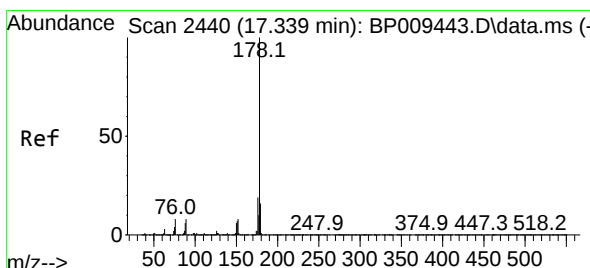
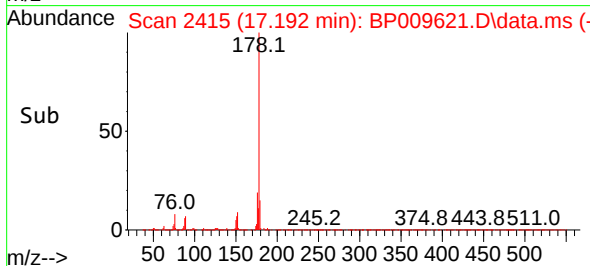
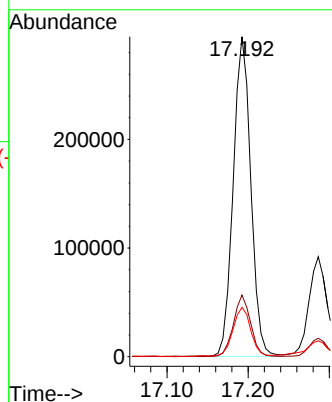
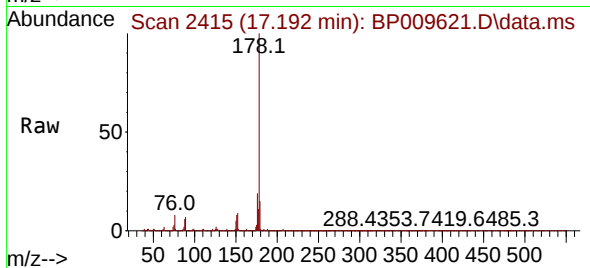
Tgt Ion:178 Resp: 442259

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 2.425 ng

RT: 17.287 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP009621.D

Acq: 30 Mar 2022 16:33

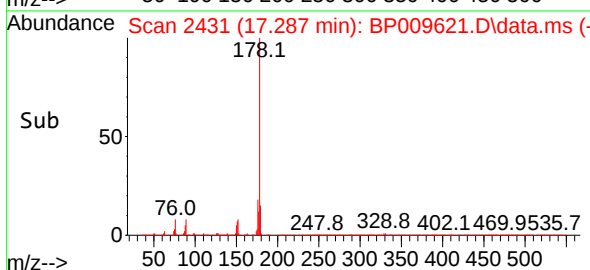
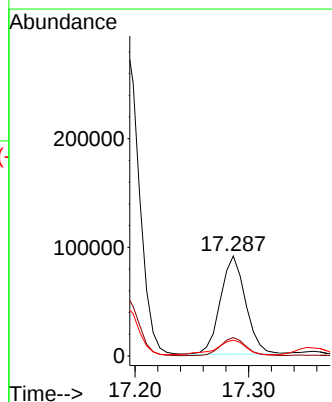
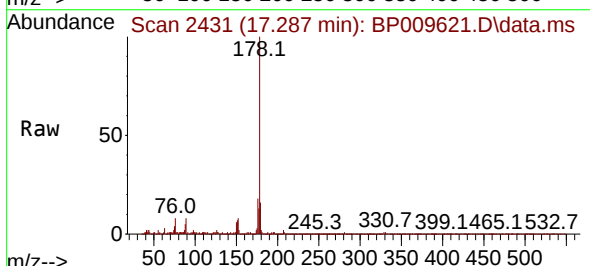
Tgt Ion:178 Resp: 139106

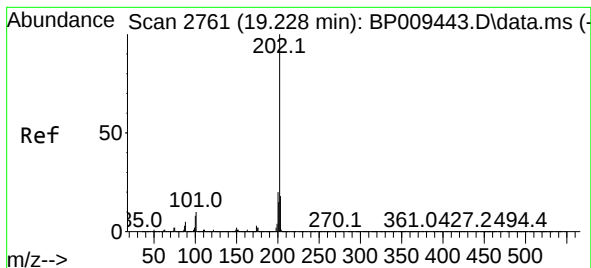
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.9 12.2 18.4





#75

Fluoranthene

Concen: 26.052 ng

RT: 19.175 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009621.D

Acq: 30 Mar 2022 16:33

Instrument :

BNA_P

ClientSampleId :

362

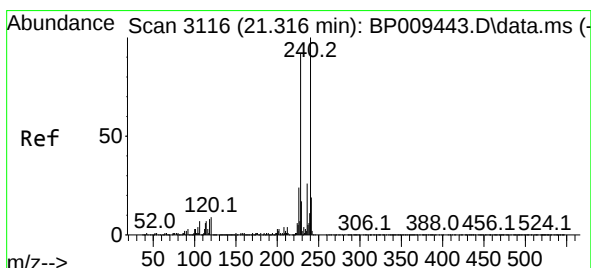
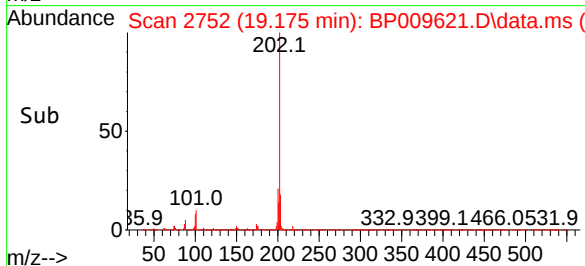
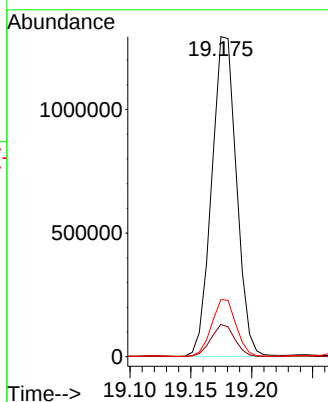
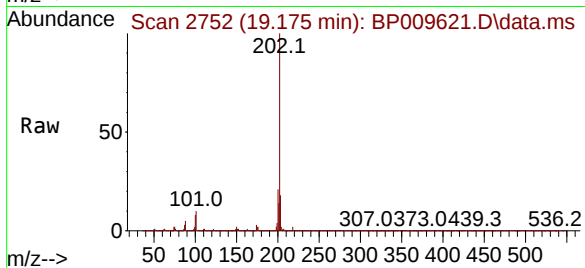
Tgt Ion:202 Resp: 1832402

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.5

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.269 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP009621.D

Acq: 30 Mar 2022 16:33

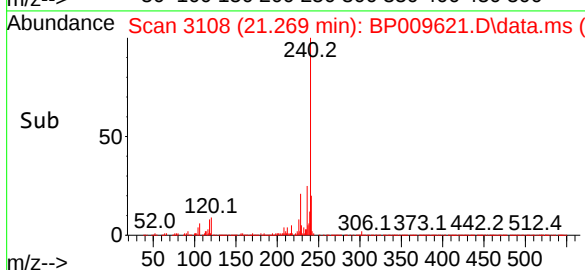
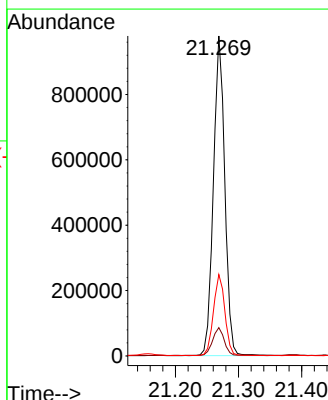
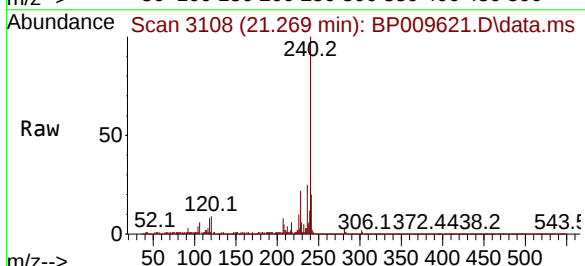
Tgt Ion:240 Resp: 1221551

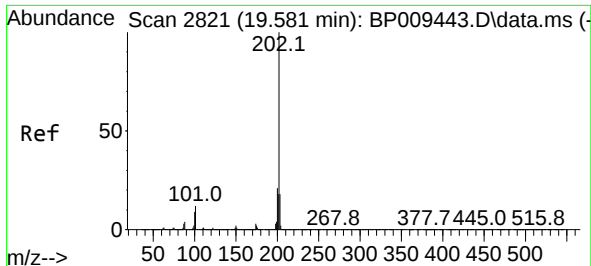
Ion Ratio Lower Upper

240 100

120 8.8 9.0 13.4#

236 25.5 20.6 30.8

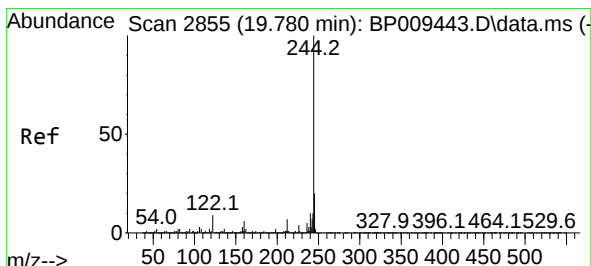
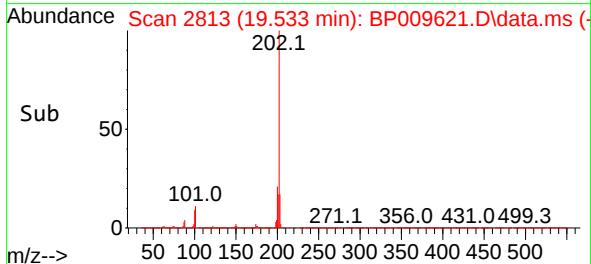
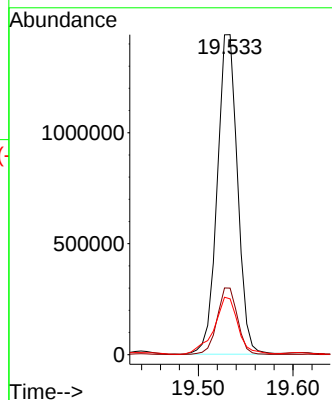
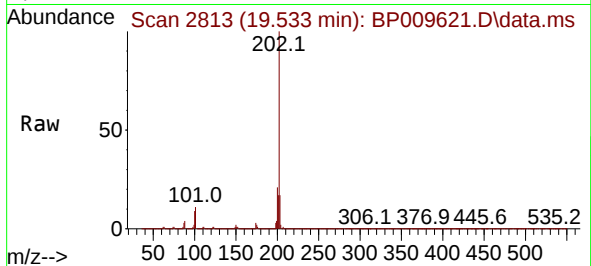




#78
 Pyrene
 Concen: 26.643 ng
 RT: 19.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009621.D
 Acq: 30 Mar 2022 16:33

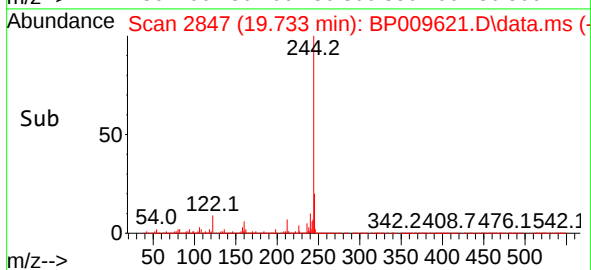
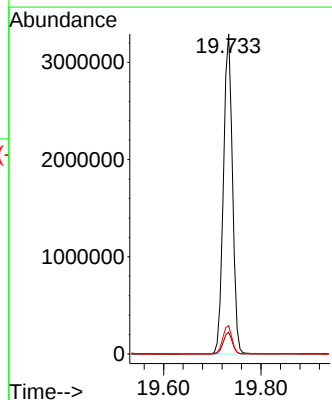
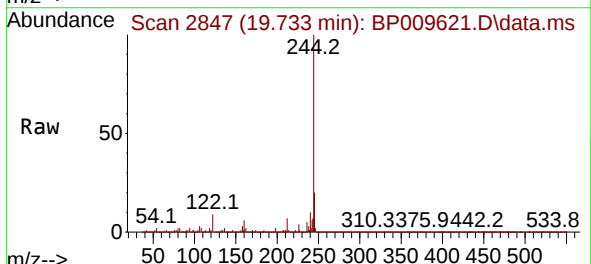
Instrument :
 BNA_P
 ClientSampleId :
 362

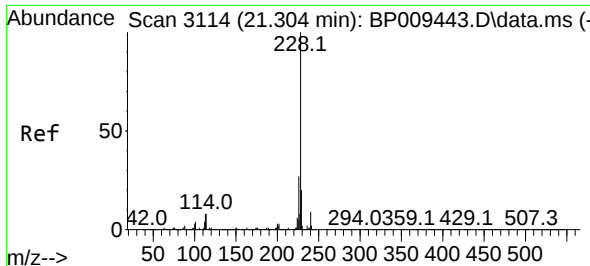
Tgt Ion:202 Resp: 2144598
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.8 25.2
 203 17.5 14.2 21.4



#79
 Terphenyl-d14
 Concen: 62.772 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. -0.006 min
 Lab File: BP009621.D
 Acq: 30 Mar 2022 16:33

Tgt Ion:244 Resp: 4272053
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.9 8.3 12.5

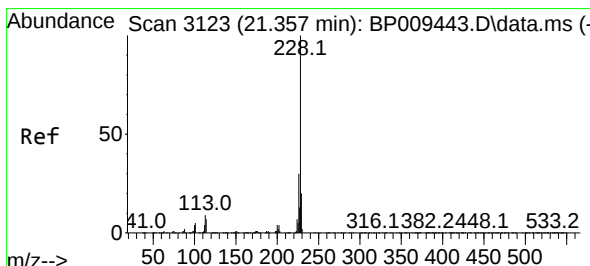
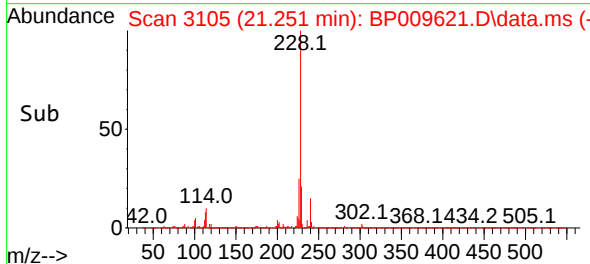
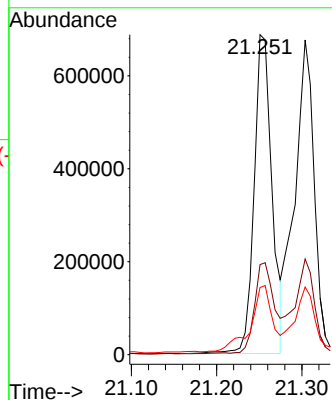
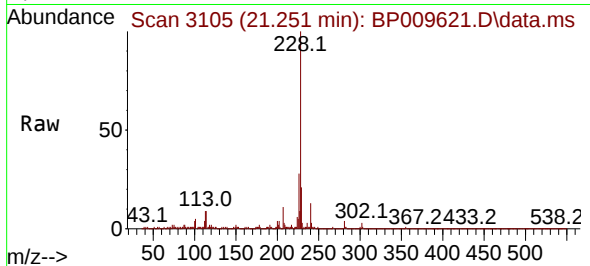




#81
Benzo(a)anthracene
Concen: 12.440 ng
RT: 21.251 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

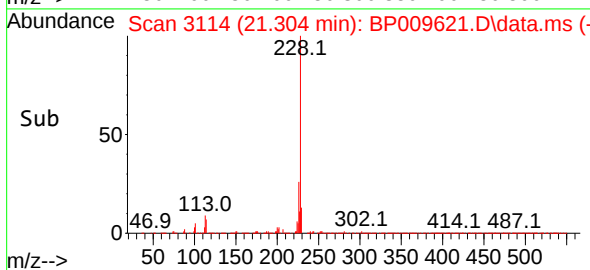
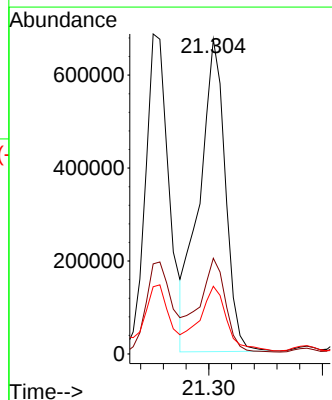
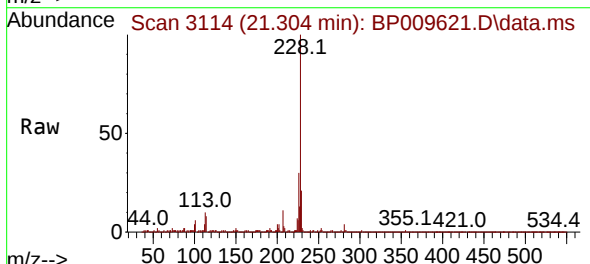
Instrument :
BNA_P
ClientSampleId :
362

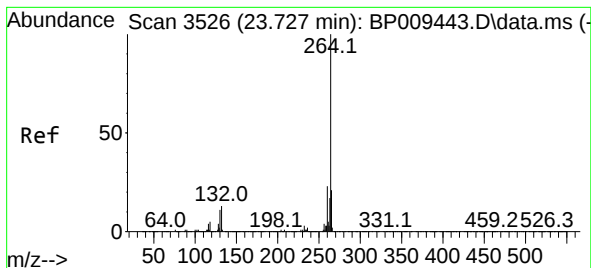
Tgt Ion:228 Resp: 998395
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 21.0 16.1 24.1



#83
Chrysene
Concen: 14.113 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion:228 Resp: 1072511
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 21.5 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.651 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP009621.D

Acq: 30 Mar 2022 16:33

Instrument :

BNA_P

ClientSampleId :

362

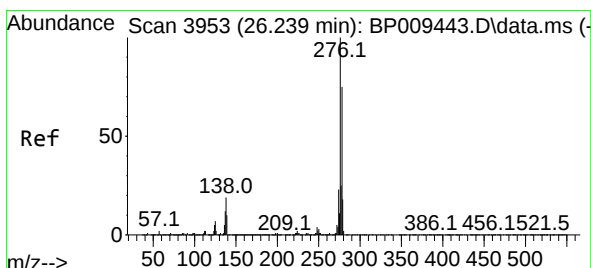
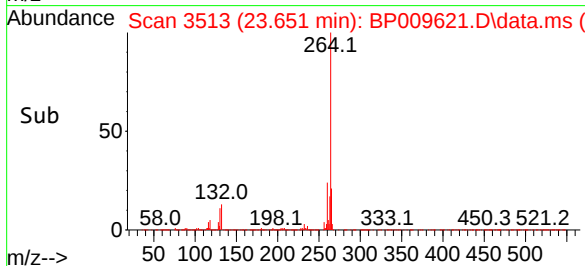
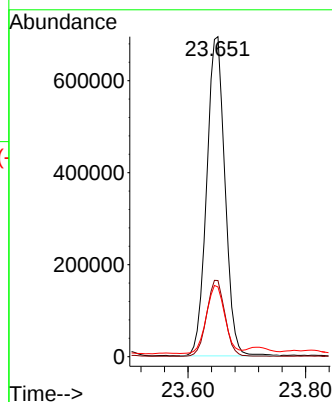
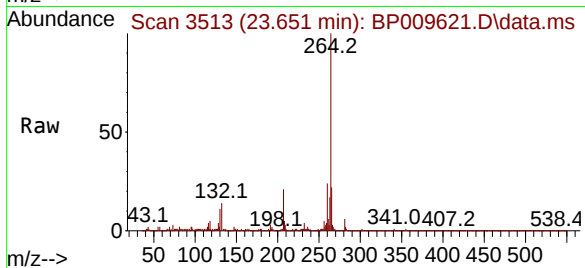
Tgt Ion:264 Resp: 1496194

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.8 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.955 ng

RT: 26.121 min Scan# 3933

Delta R.T. -0.018 min

Lab File: BP009621.D

Acq: 30 Mar 2022 16:33

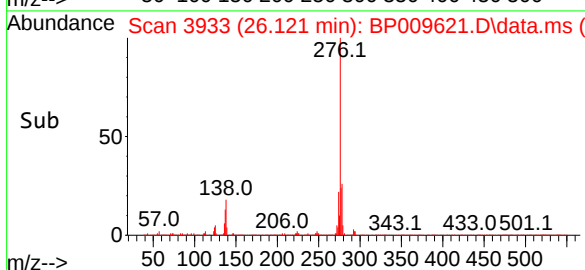
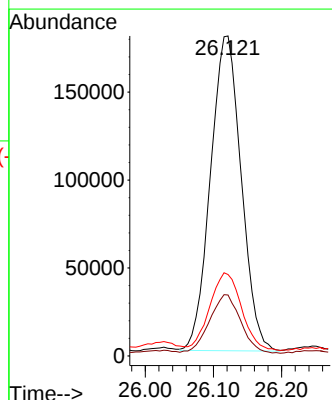
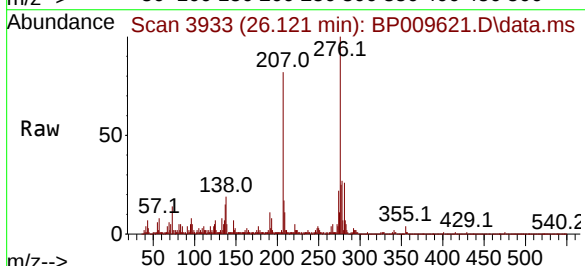
Tgt Ion:276 Resp: 562446

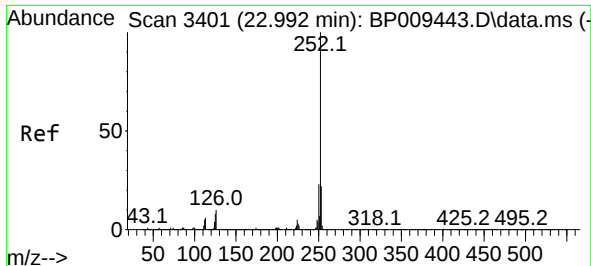
Ion Ratio Lower Upper

276 100

138 18.8 20.5 30.7#

277 25.6 20.4 30.6

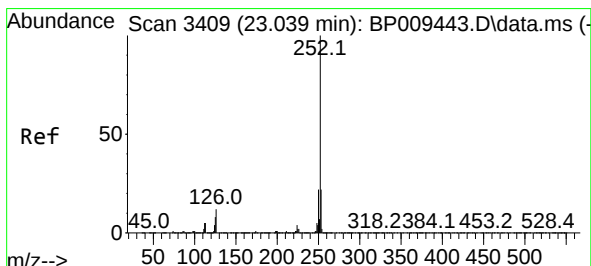
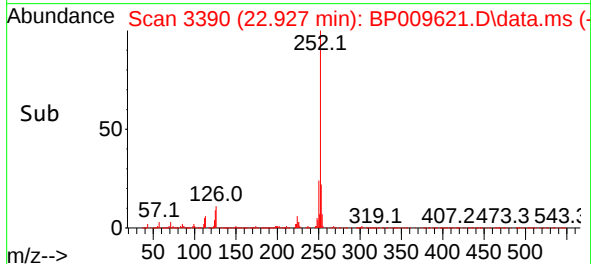
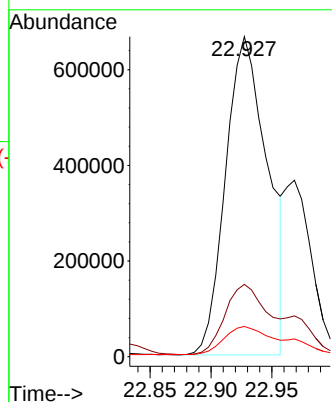
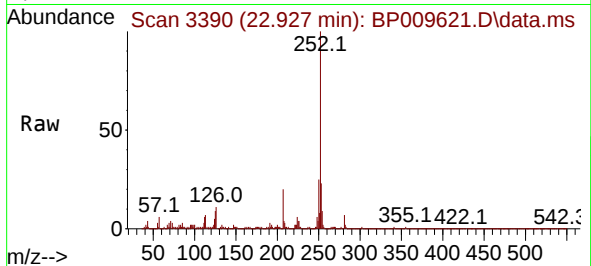




#88
Benzo(b)fluoranthene
Concen: 17.918 ng
RT: 22.927 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

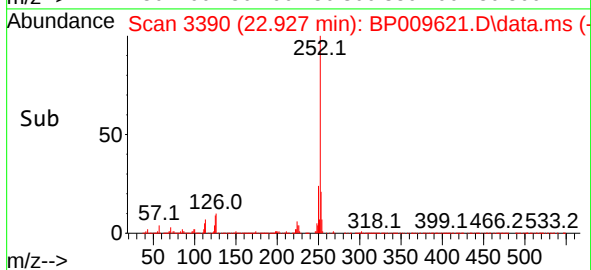
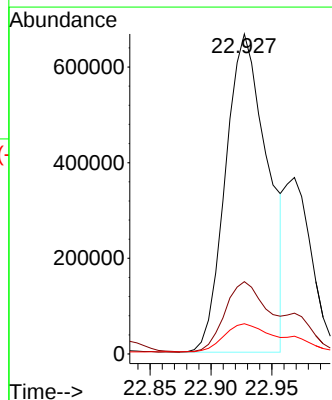
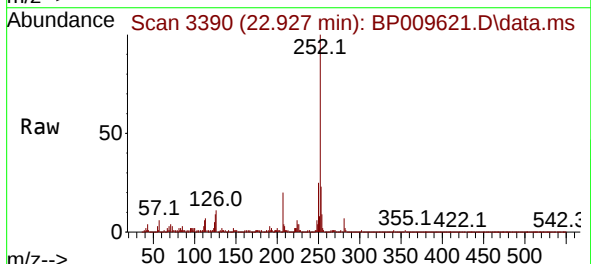
Instrument :
BNA_P
ClientSampleId :
362

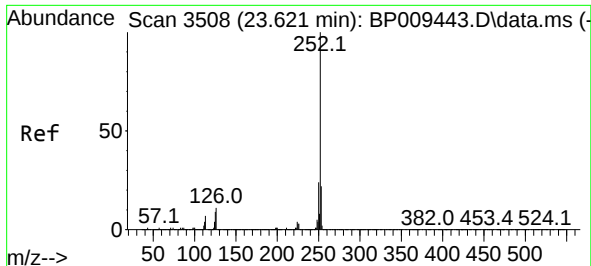
Tgt Ion:252 Resp: 1600383
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.5 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 18.300 ng
RT: 22.927 min Scan# 3390
Delta R.T. -0.053 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion:252 Resp: 1600383
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 9.5 8.3 12.5

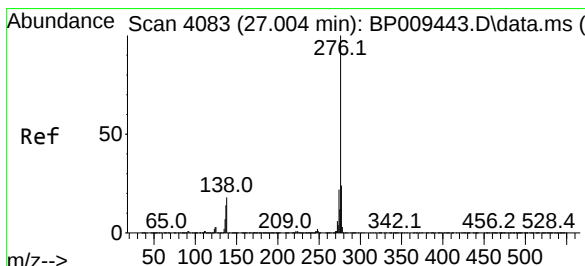
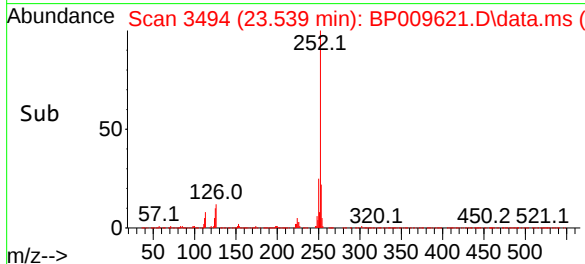
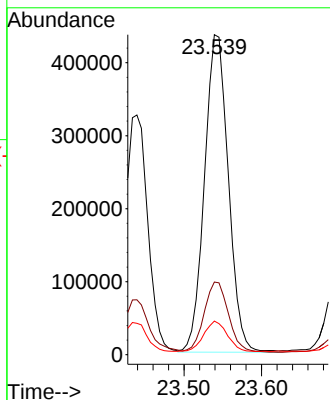
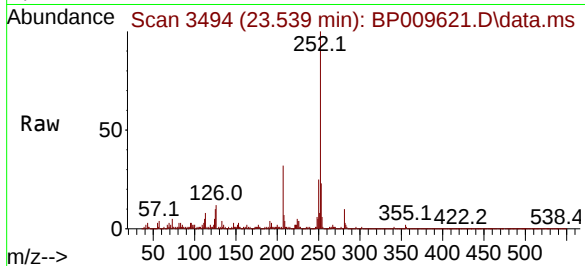




#90
Benzo(a)pyrene
Concen: 12.199 ng
RT: 23.539 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Instrument :
BNA_P
ClientSampleId :
362

Tgt Ion:252 Resp: 932221
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.5 9.3 13.9



#92
Benzo(g,h,i)perylene
Concen: 5.674 ng
RT: 26.880 min Scan# 4062
Delta R.T. -0.018 min
Lab File: BP009621.D
Acq: 30 Mar 2022 16:33

Tgt Ion:276 Resp: 528100
Ion Ratio Lower Upper
276 100
277 25.0 19.2 28.8
138 18.7 18.0 27.0

