

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009626.D
 Acq On : 30 Mar 2022 19:21
 Operator : CG/JU
 Sample : N2155-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22L076-G

Quant Time: Mar 31 04:41:17 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)

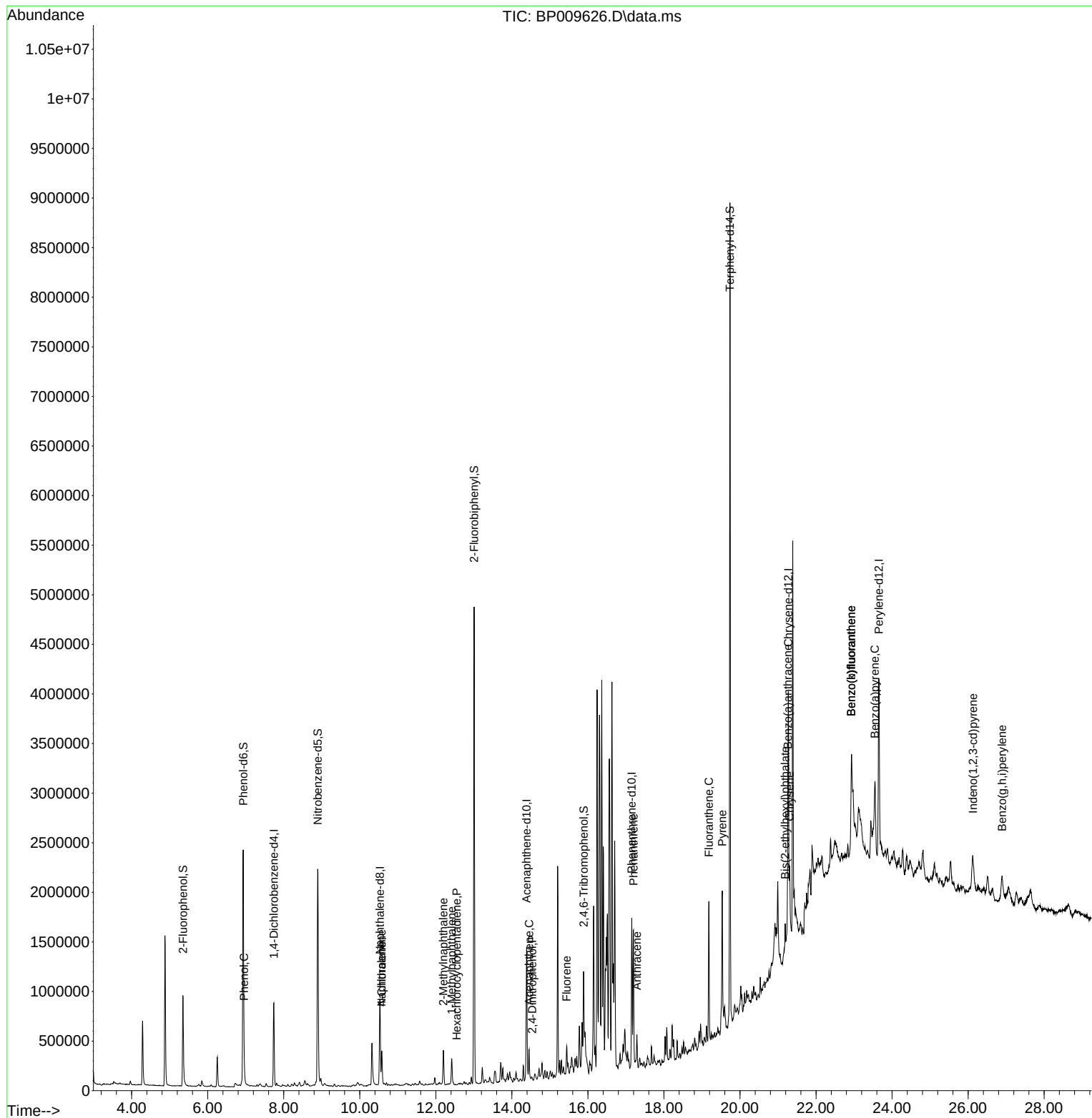
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	263541	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	787136	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	489455	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	970552	20.000	ng	0.00
76) Chrysene-d12	21.269	240	1011367	20.000	ng	0.00
86) Perylene-d12	23.651	264	1482514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	520813	34.503	ng	0.00
7) Phenol-d6	6.934	99	1675708	82.089	ng	0.00
23) Nitrobenzene-d5	8.893	82	1498844	101.189	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	222765	27.581	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2791364	79.060	ng	0.00
79) Terphenyl-d14	19.733	244	4427204	78.570	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.893	77	19882	Below Cal		90
10) Phenol	6.958	94	57490	2.807 ng		79
31) Naphthalene	10.575	128	310901	7.668 ng		99
33) 4-Chloroaniline	10.575	127	41148	2.487 ng	#	36
37) 2-Methylnaphthalene	12.199	142	188365	6.621 ng		98
38) 1-Methylnaphthalene	12.416	142	139231	5.024 ng		99
41) Hexachlorocyclopentadiene	12.551	237	22	7.291 ng	#	1
52) Acenaphthene	14.451	154	113871	4.295 ng		99
54) 2,4-Dinitrophenol	14.534	184	47	4.542 ng	#	1
58) Fluorene	15.440	166	134783	3.848 ng		96
71) Phenanthrene	17.198	178	932417	17.947 ng		100
72) Anthracene	17.286	178	220754	4.304 ng		98
75) Fluoranthene	19.180	202	855999	13.609 ng		98
78) Pyrene	19.533	202	852841	12.797 ng		99
81) Benzo(a)anthracene	21.257	228	396137	5.962 ng		98
83) Chrysene	21.304	228	398597	6.335 ng		97
84) Bis(2-ethylhexyl)phtha...	21.186	149	117781	2.983 ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.127	276	289379	2.573 ng		95
88) Benzo(b)fluoranthene	22.927	252	602667	6.810 ng	#	88
89) Benzo(k)fluoranthene	22.927	252	600028	6.925 ng	#	88
90) Benzo(a)pyrene	23.545	252	444116	5.865 ng	#	93
92) Benzo(g,h,i)perylene	26.892	276	298674	3.239 ng		96

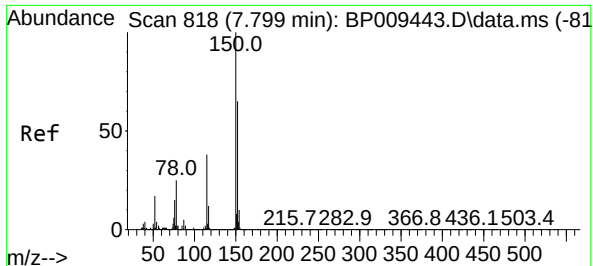
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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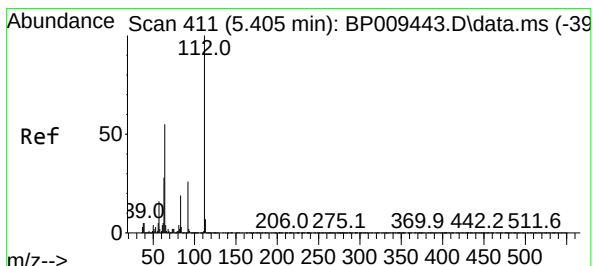
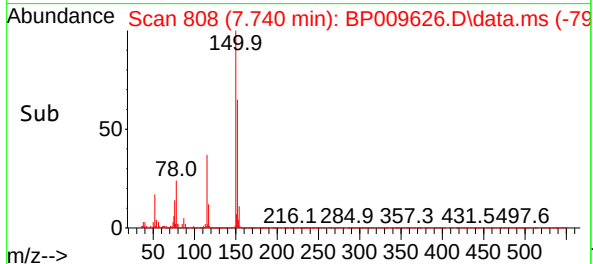
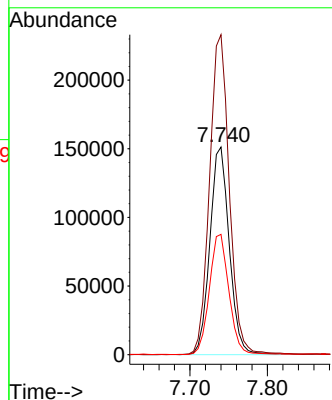
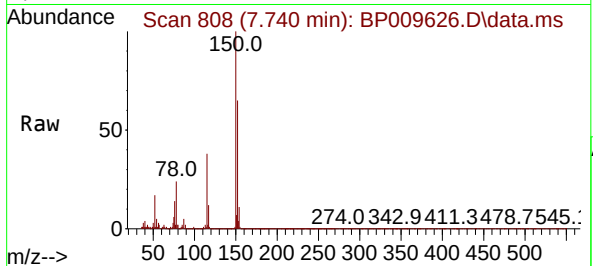




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP009626.D
 Acq: 30 Mar 2022 19:21

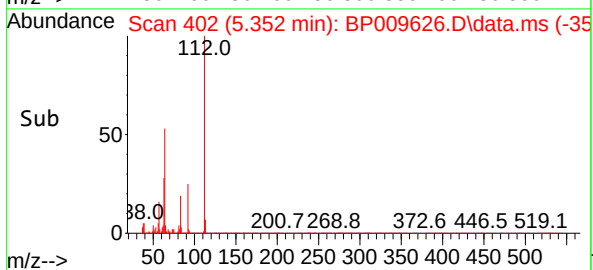
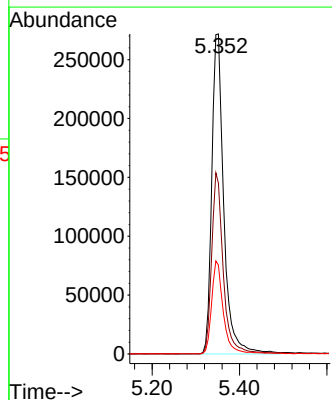
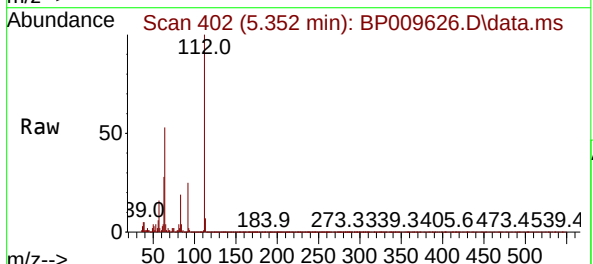
Instrument :
 BNA_P
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 22L076-G

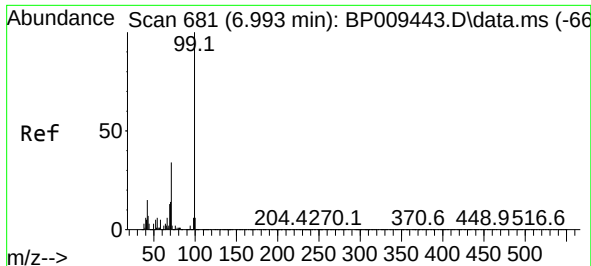
Tgt Ion:152 Resp: 263541
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.5 186.7
 115 57.9 48.2 72.4



#5
 2-Fluorophenol
 Concen: 34.503 ng
 RT: 5.352 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: BP009626.D
 Acq: 30 Mar 2022 19:21

Tgt Ion:112 Resp: 520813
 Ion Ratio Lower Upper
 112 100
 64 53.4 45.0 67.4
 63 27.8 23.0 34.6

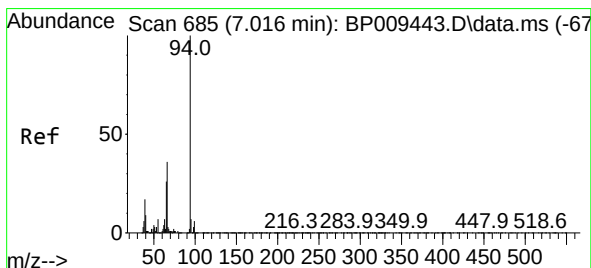
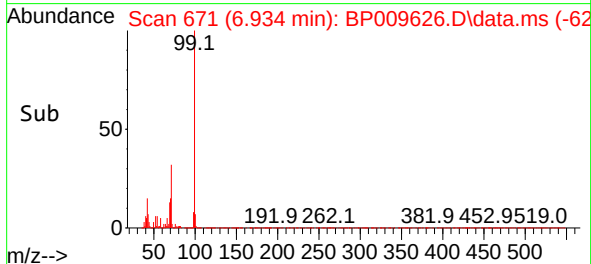
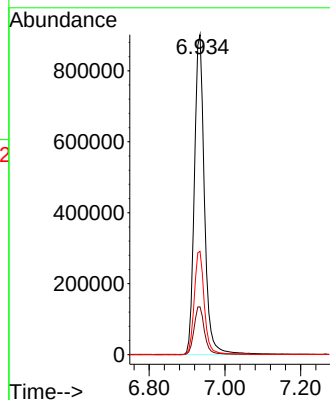
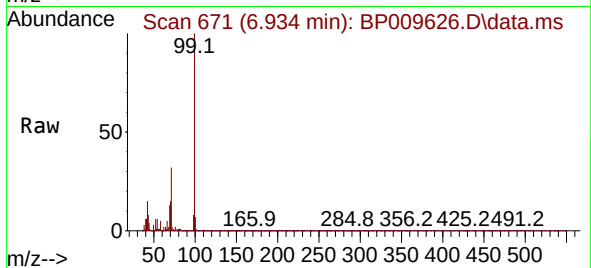




#7
Phenol-d6
Concen: 82.089 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

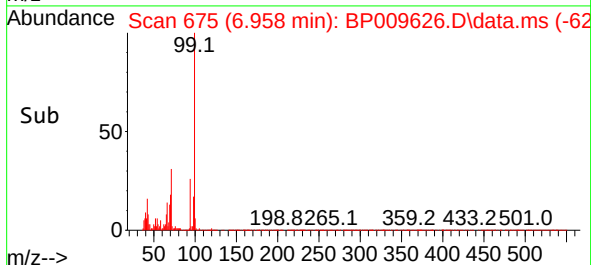
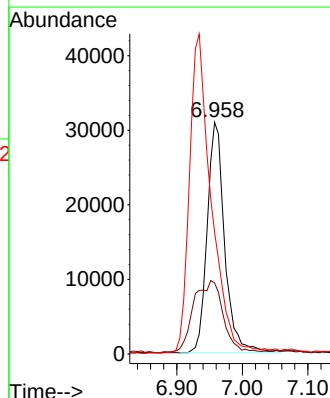
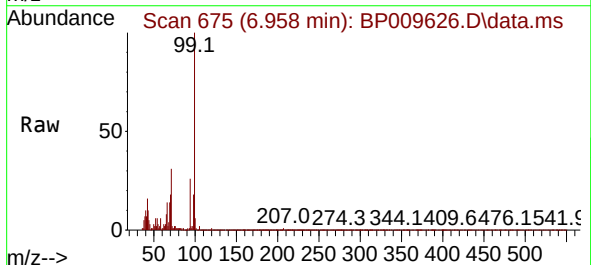
Instrument :
BNA_P
ClientSampleId :
22L076-G

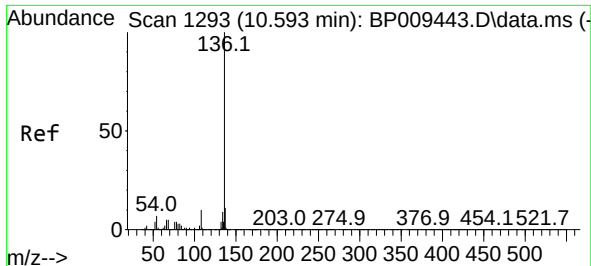
Tgt Ion: 99 Resp: 1675708
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 32.3 26.3 39.5



#10
Phenol
Concen: 2.807 ng
RT: 6.958 min Scan# 675
Delta R.T. 0.000 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion: 94 Resp: 57490
Ion Ratio Lower Upper
94 100
65 30.7 7.2 47.2
66 52.5 14.3 54.3

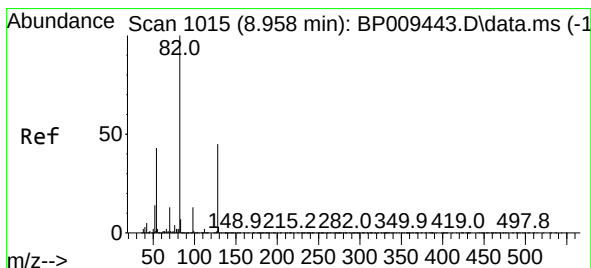
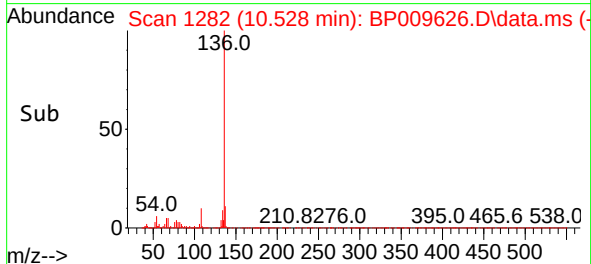
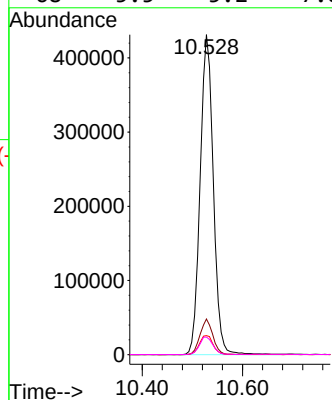
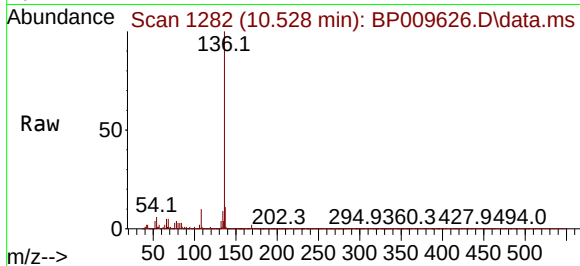




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

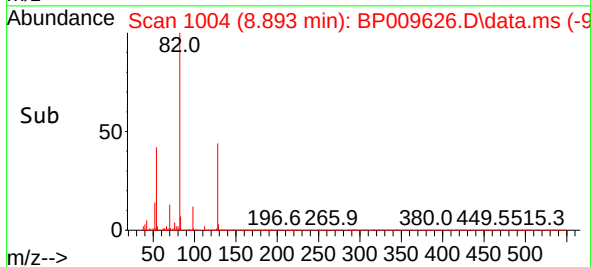
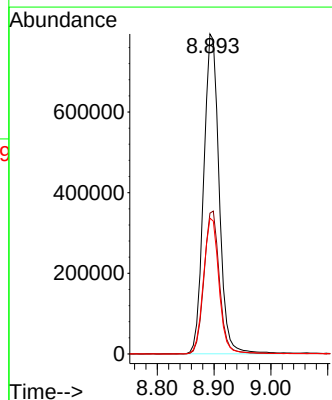
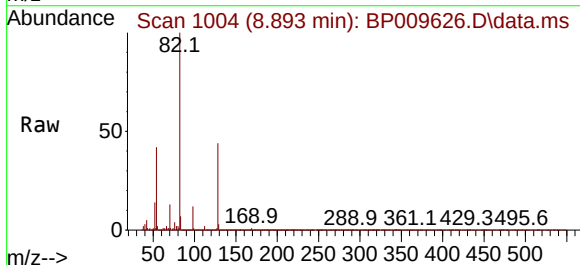
Instrument :
BNA_P
ClientSampleId :
22L076-G

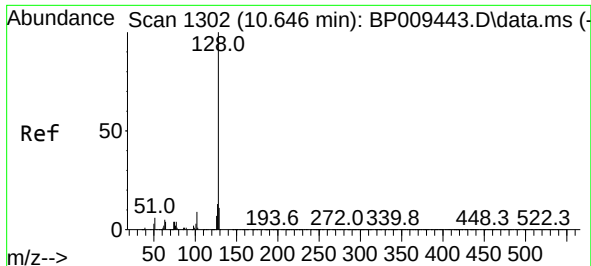
Tgt Ion:	136	Resp:	787136
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	5.9	5.8	8.8
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 101.189 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:	82	Resp:	1498844
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.4
54	42.5	34.7	52.1

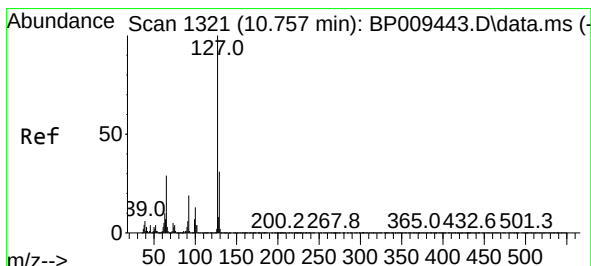
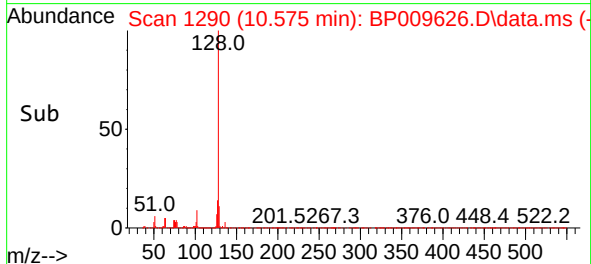
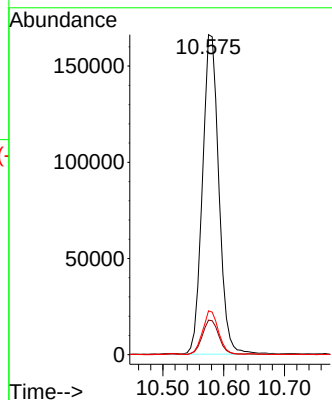
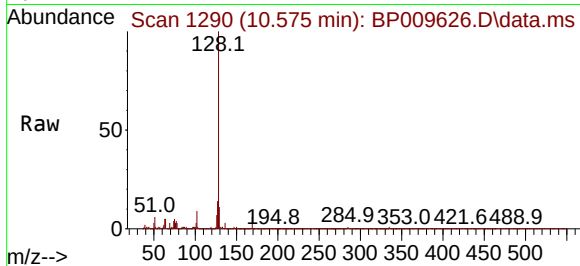




#31
Naphthalene
Concen: 7.668 ng
RT: 10.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

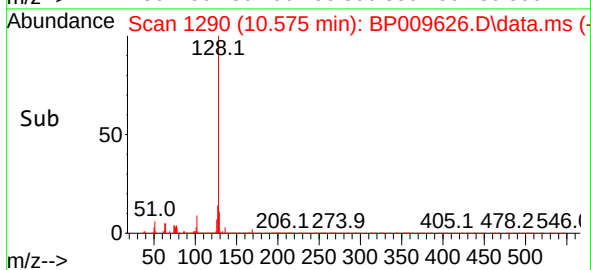
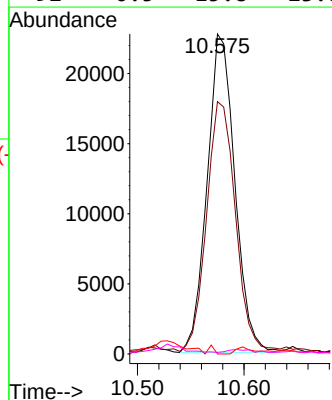
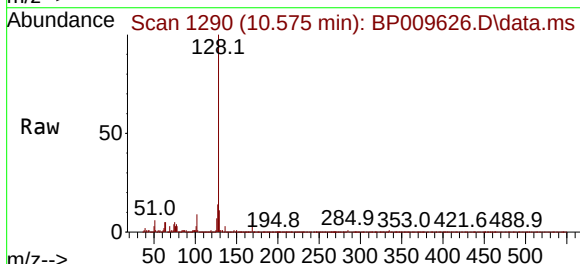
Instrument :
BNA_P
ClientSampleId :
22L076-G

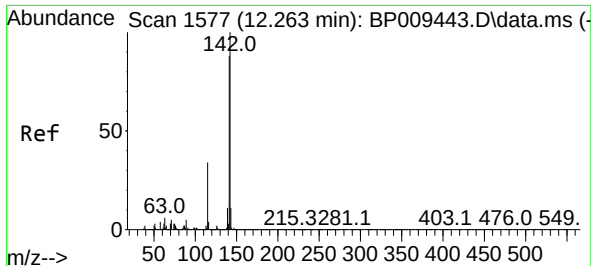
Tgt Ion:128 Resp: 310901
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.7 10.5 15.7



#33
4-Chloroaniline
Concen: 2.487 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.123 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:127 Resp: 41148
Ion Ratio Lower Upper
127 100
129 78.9 25.5 38.3#
65 0.0 24.3 36.5#
92 0.5 15.8 23.8#

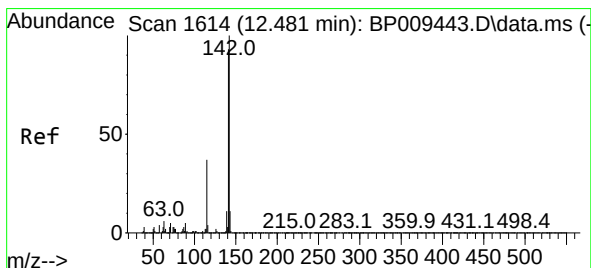
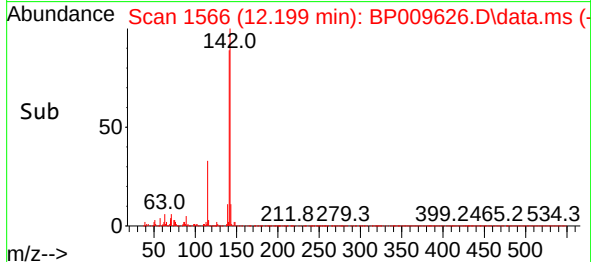
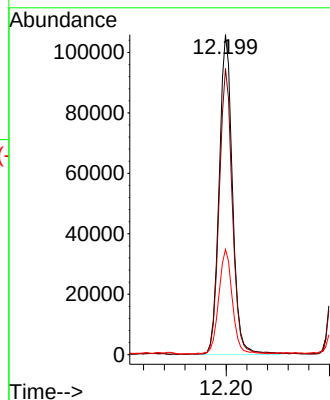
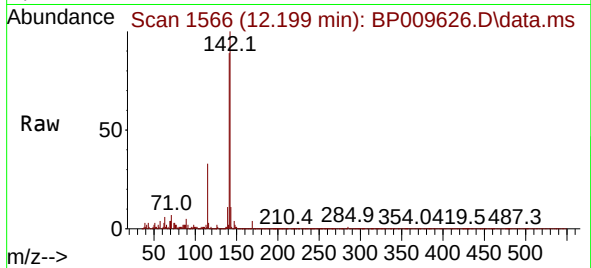




#37
2-Methylnaphthalene
Concen: 6.621 ng
RT: 12.199 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

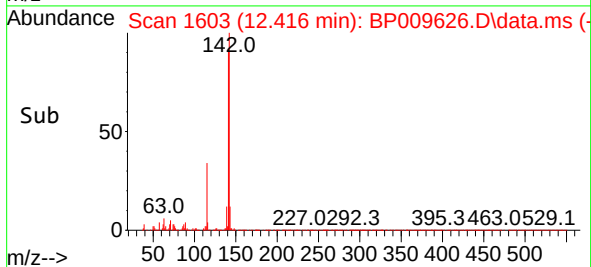
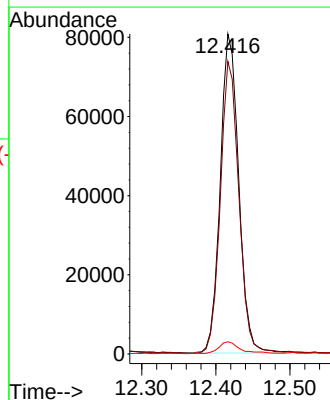
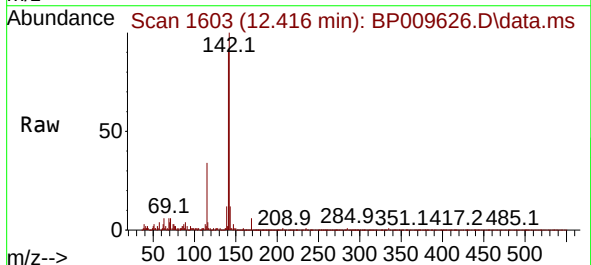
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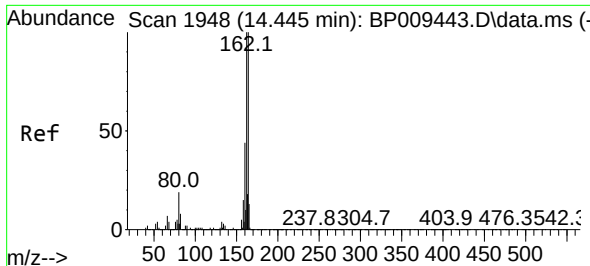
Tgt Ion:142 Resp: 188365
Ion Ratio Lower Upper
142 100
141 89.4 70.2 105.4
115 32.9 27.4 41.2



#38
1-Methylnaphthalene
Concen: 5.024 ng
RT: 12.416 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:142 Resp: 139231
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3
116 3.8 3.3 4.9

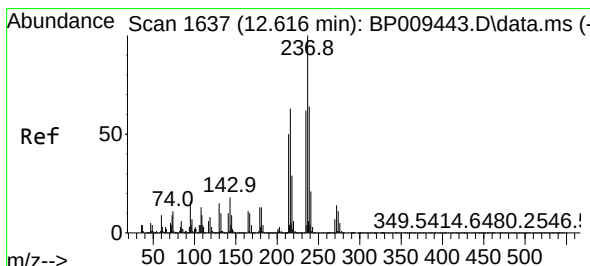
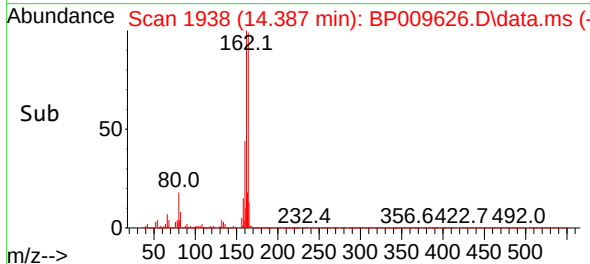
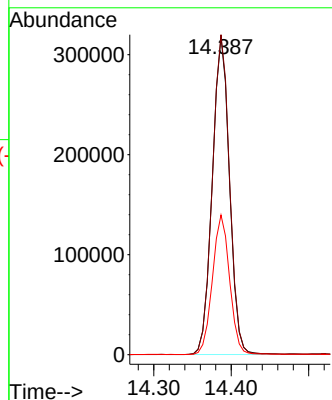
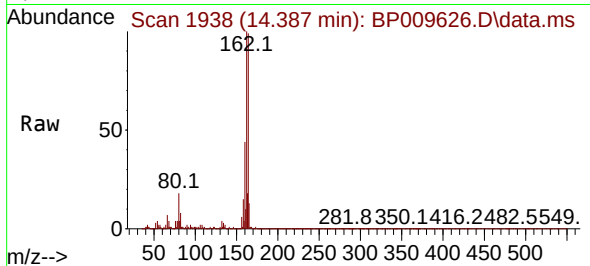




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

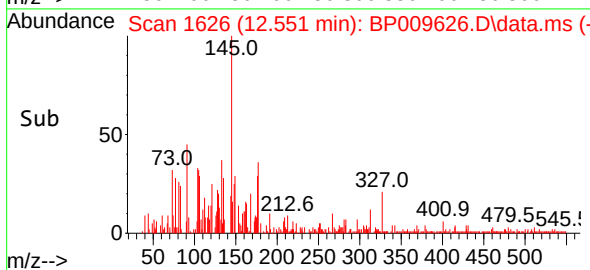
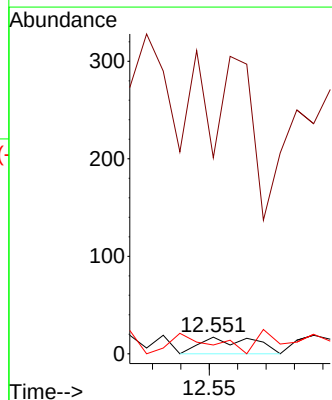
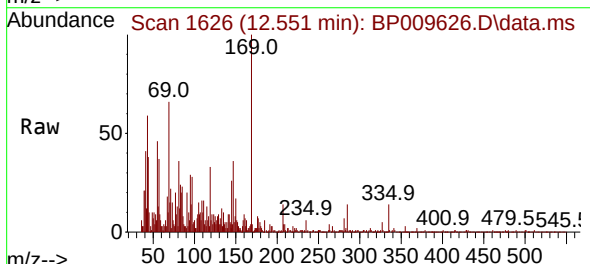
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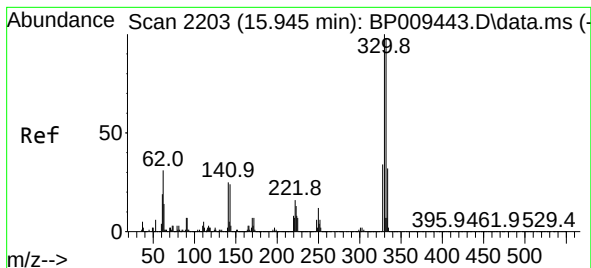
Tgt Ion:164 Resp: 489455
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 44.0 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 1182.4 42.6 82.6#
272 52.9 0.0 32.8#

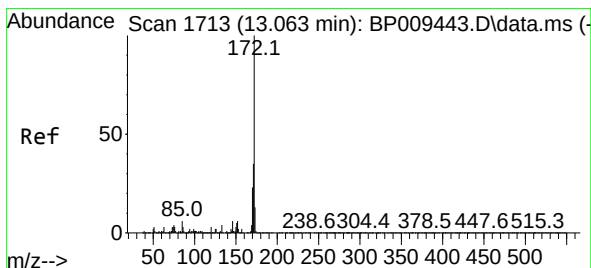
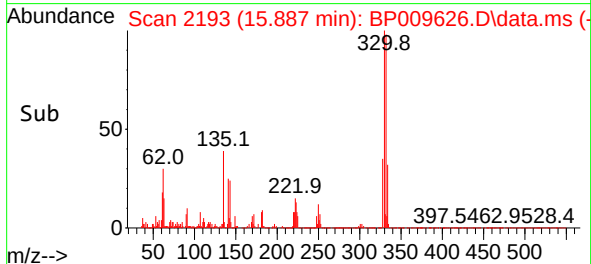
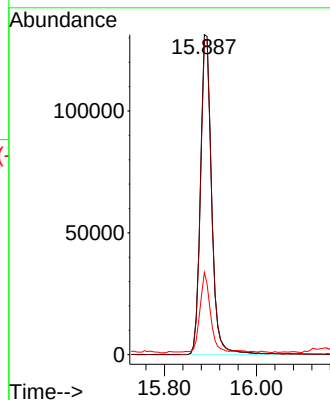
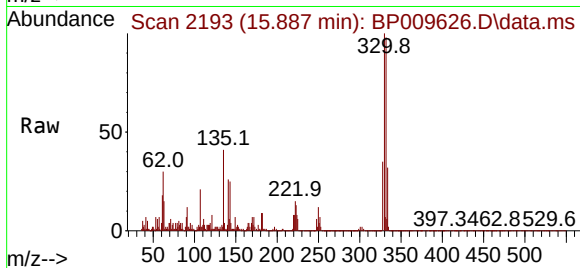




#42
2,4,6-Tribromophenol
Concen: 27.581 ng
RT: 15.887 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

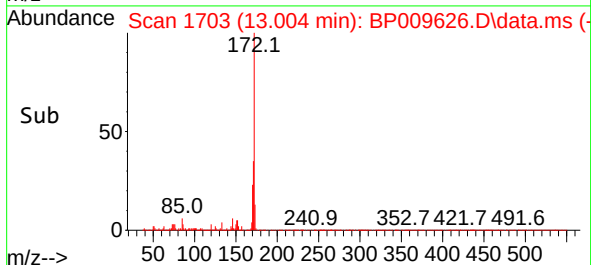
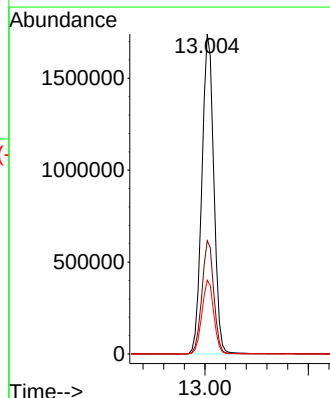
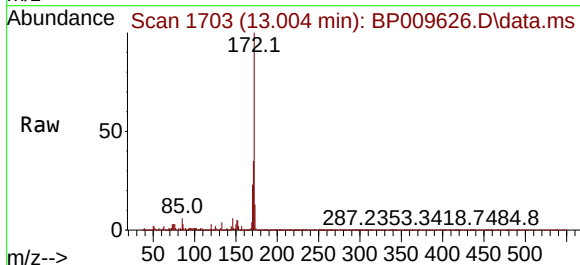
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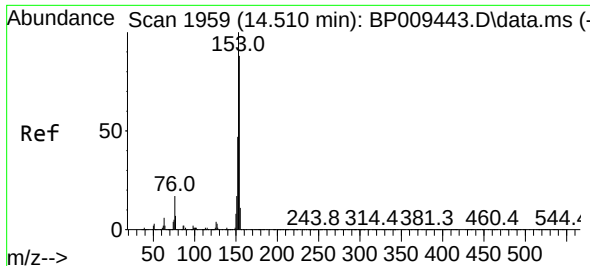
Tgt Ion:330 Resp: 222765
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 22.6 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 79.060 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:172 Resp: 2791364
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.0 18.6 27.8

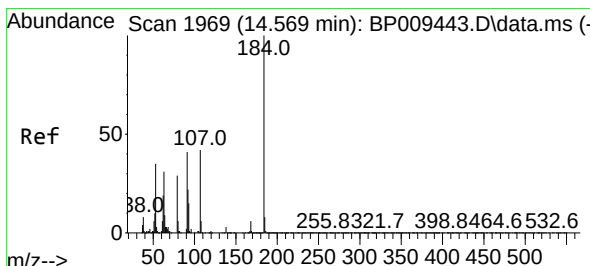
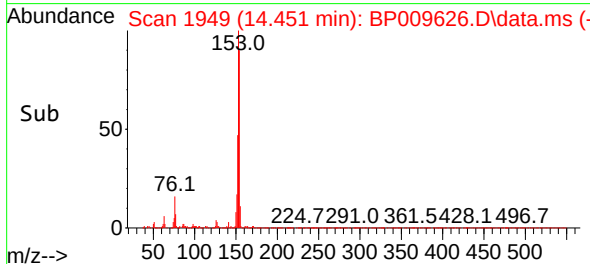
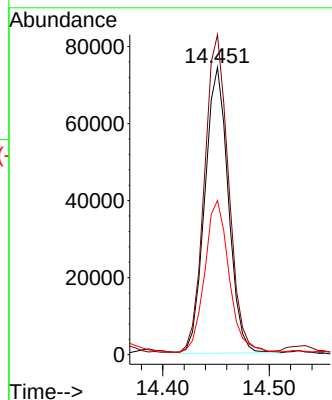
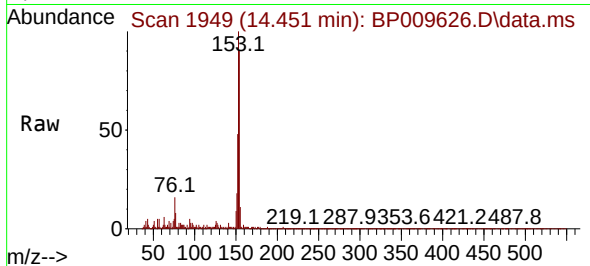




#52
Acenaphthene
Concen: 4.295 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

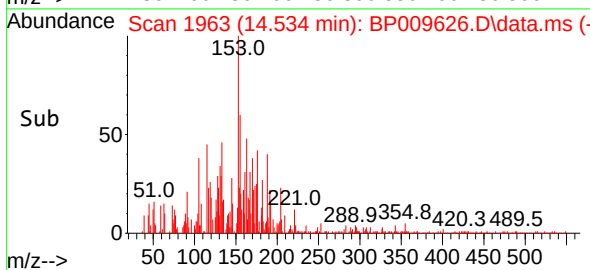
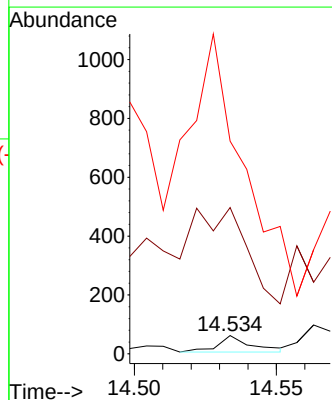
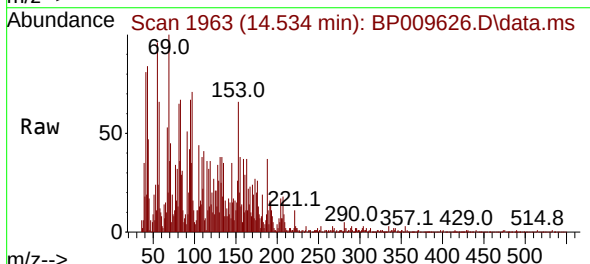
Instrument :
BNA_P
ClientSampleId :
22L076-G

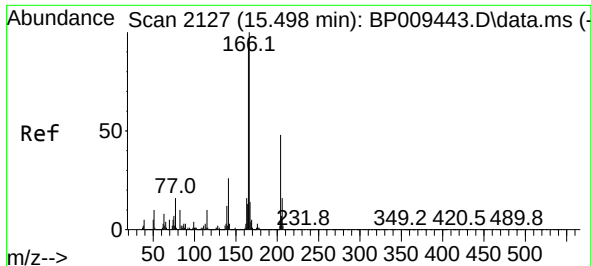
Tgt Ion:154 Resp: 113871
Ion Ratio Lower Upper
154 100
153 111.4 90.2 135.4
152 53.7 42.7 64.1



#54
2,4-Dinitrophenol
Concen: 4.542 ng
RT: 14.534 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 801.6 46.3 69.5#
154 1166.1 45.8 68.6#

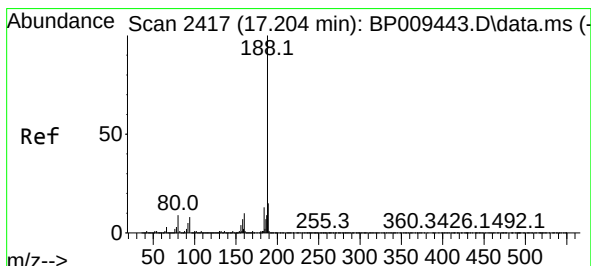
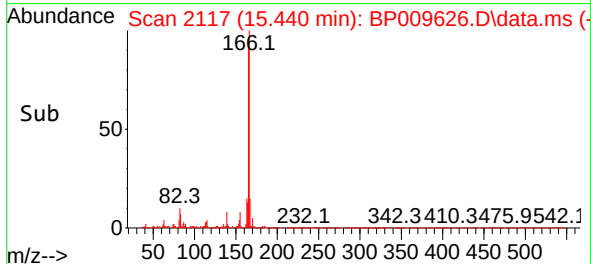
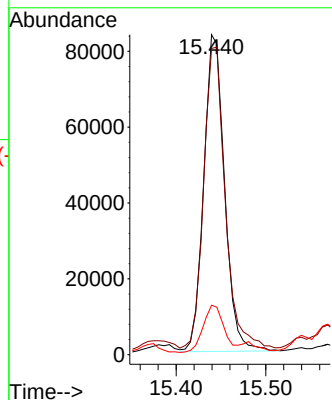
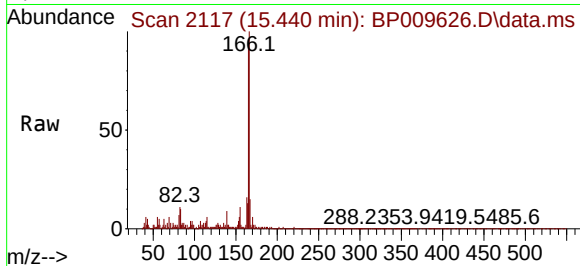




#58
Fluorene
Concen: 3.848 ng
RT: 15.440 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

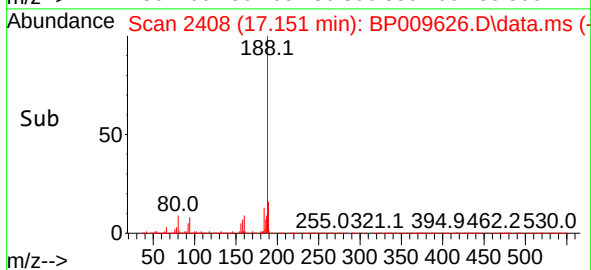
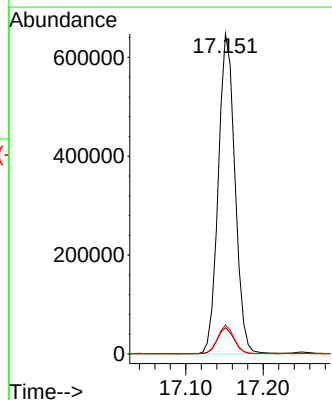
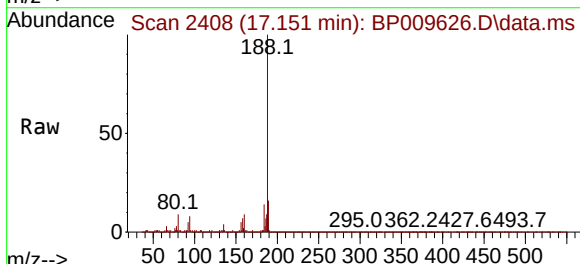
Instrument :
BNA_P
ClientSampleId :
22L076-G

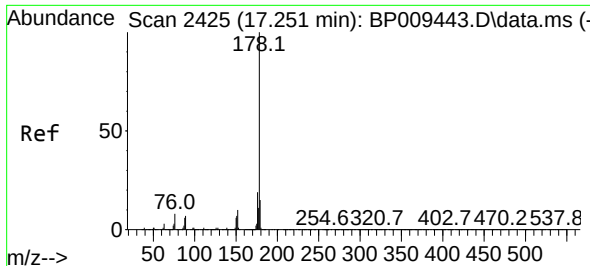
Tgt Ion:166 Resp: 134783
Ion Ratio Lower Upper
166 100
165 95.7 79.2 118.8
167 15.4 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:188 Resp: 970552
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.1 8.8 13.2

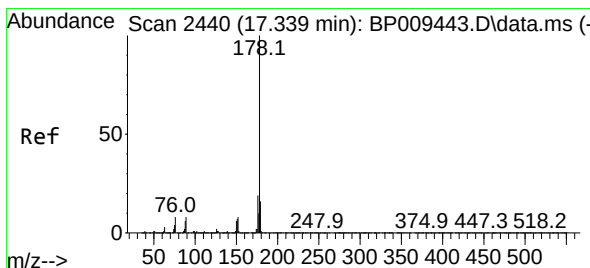
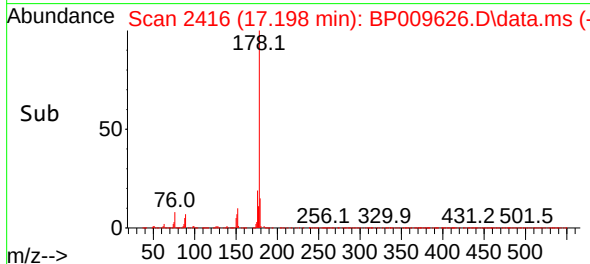
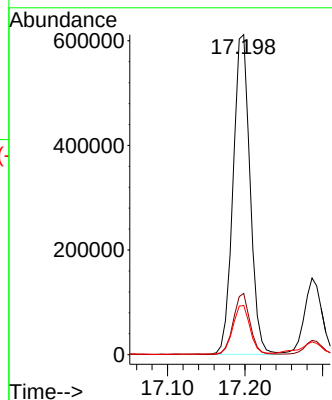
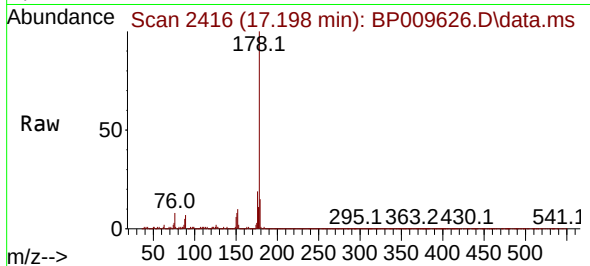




#71
Phenanthrene
Concen: 17.947 ng
RT: 17.198 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

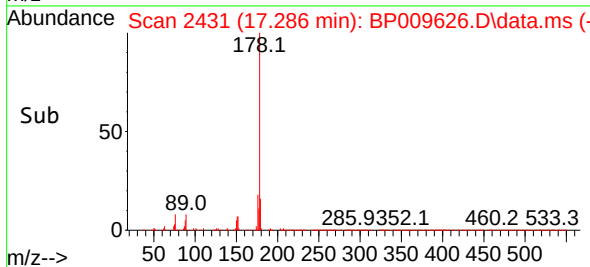
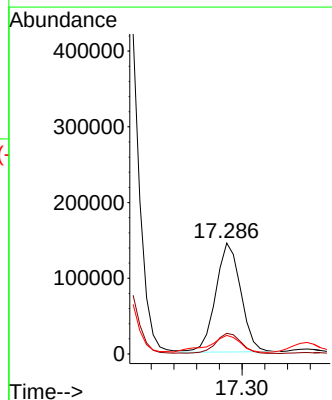
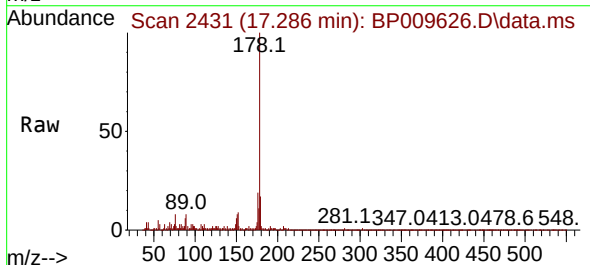
Instrument :
BNA_P
ClientSampleId :
22L076-G

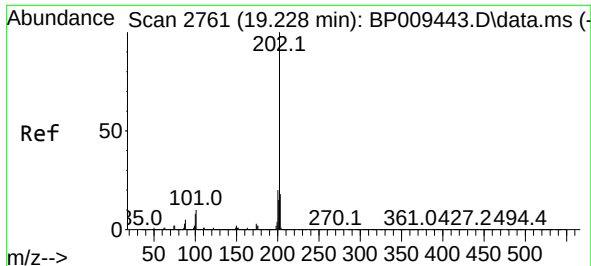
Tgt Ion:178 Resp: 932417
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.3 18.5



#72
Anthracene
Concen: 4.304 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:178 Resp: 220754
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 16.8 12.2 18.4

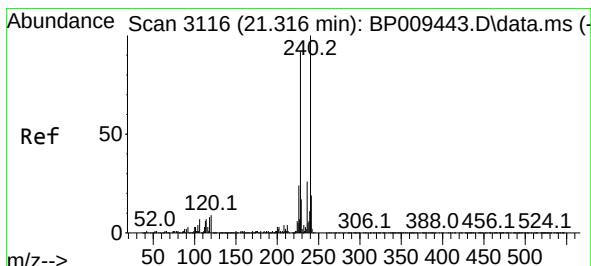
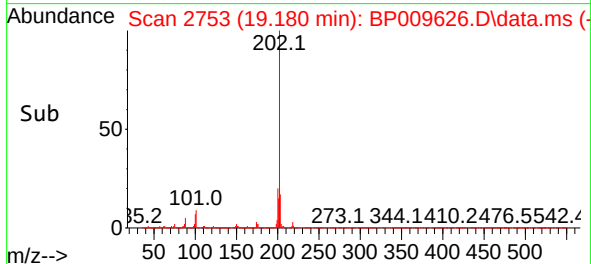
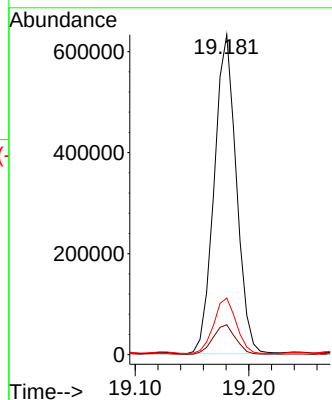
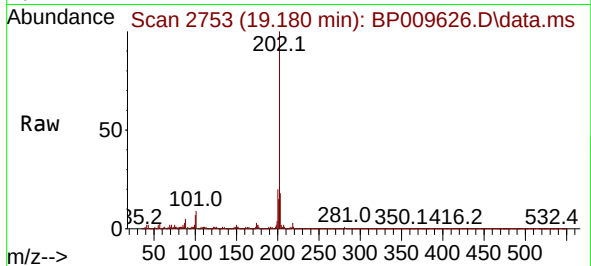




#75
Fluoranthene
Concen: 13.609 ng
RT: 19.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

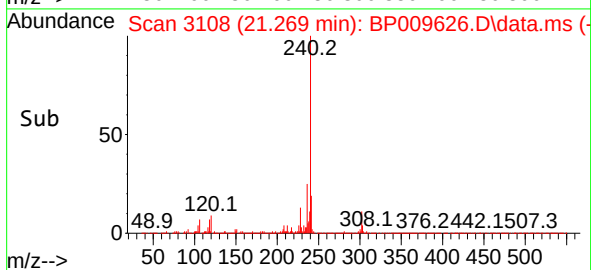
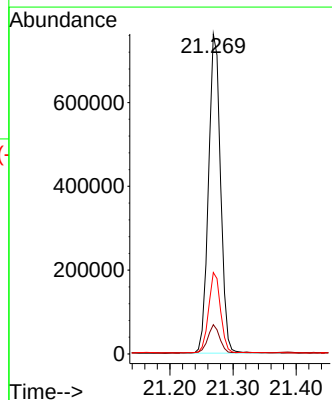
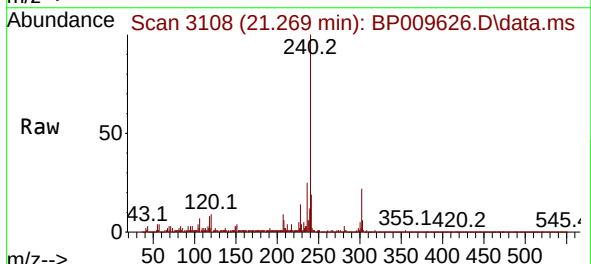
Instrument :
BNA_P
ClientSampleId :
22L076-G

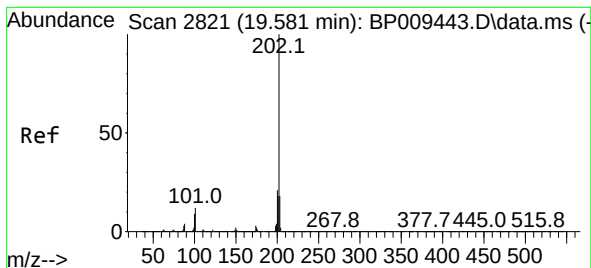
Tgt Ion:202 Resp: 855999
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.5
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:240 Resp: 1011367
Ion Ratio Lower Upper
240 100
120 9.1 9.0 13.4
236 25.5 20.6 30.8





#78

Pyrene

Concen: 12.797 ng

RT: 19.533 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BP009626.D

Acq: 30 Mar 2022 19:21

Instrument :

BNA_P

ClientSampleId :

22L076-G

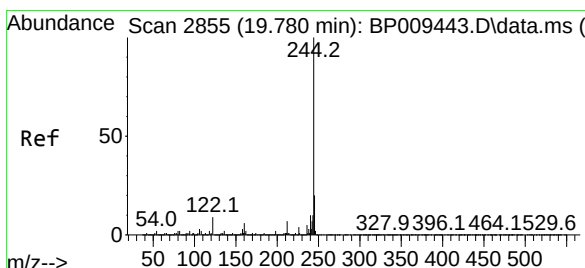
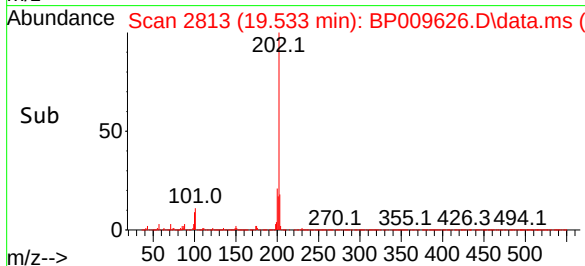
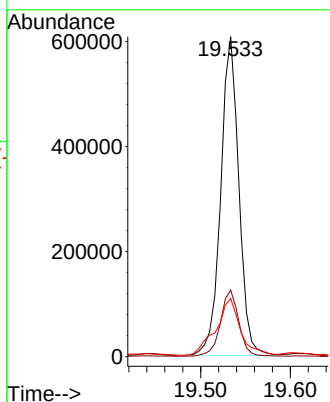
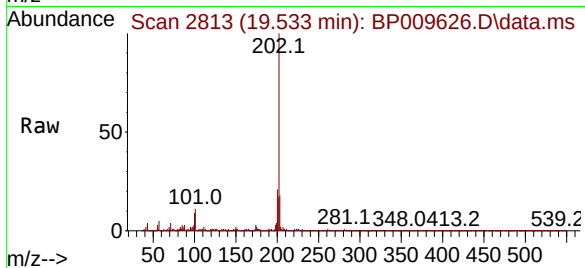
Tgt Ion:202 Resp: 852841

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 78.570 ng

RT: 19.733 min Scan# 2847

Delta R.T. -0.006 min

Lab File: BP009626.D

Acq: 30 Mar 2022 19:21

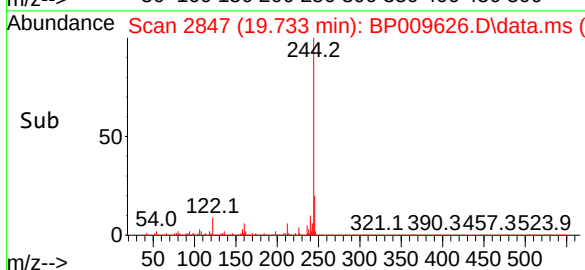
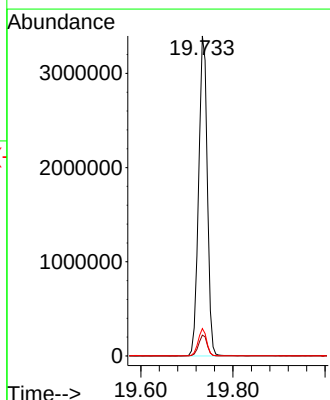
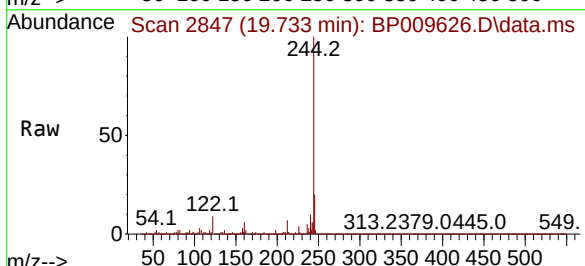
Tgt Ion:244 Resp: 4427204

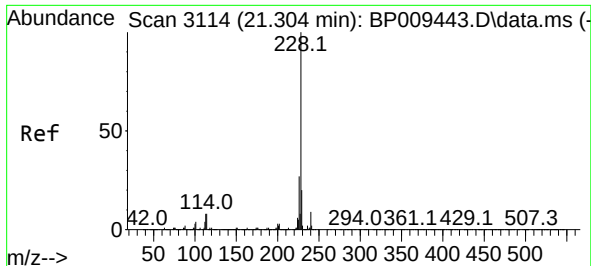
Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 8.6 8.3 12.5

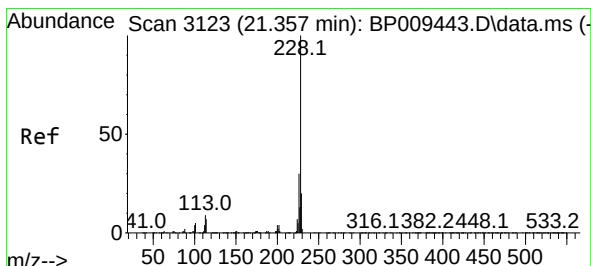
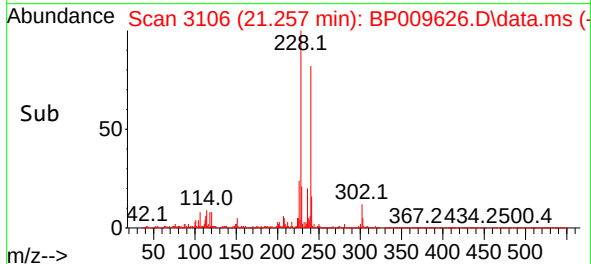
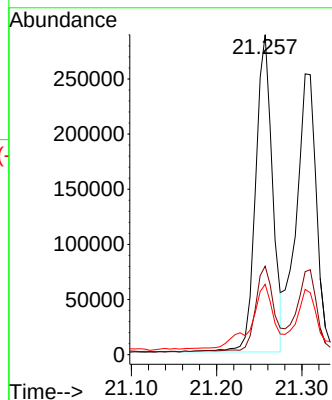
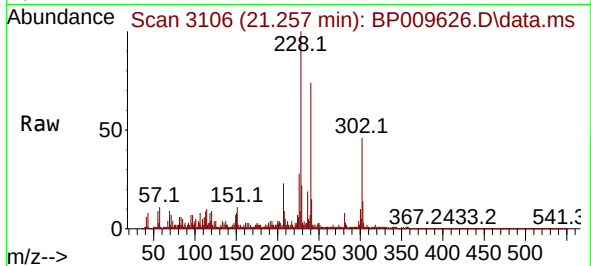




#81
Benzo(a)anthracene
Concen: 5.962 ng
RT: 21.257 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

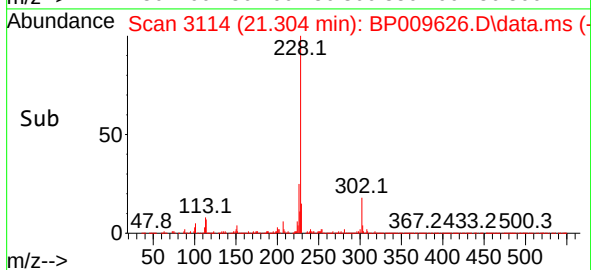
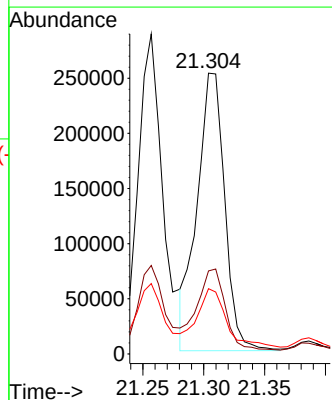
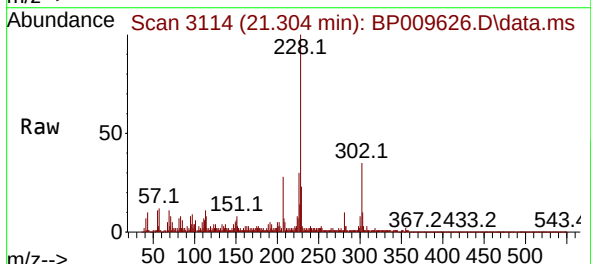
Instrument :
BNA_P
ClientSampleId :
22L076-G

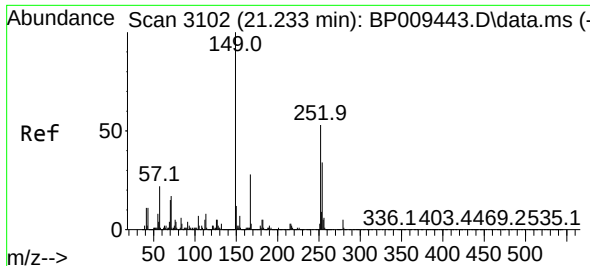
Tgt Ion:228 Resp: 396137
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 22.0 16.1 24.1



#83
Chrysene
Concen: 6.335 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:228 Resp: 398597
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 23.2 16.1 24.1

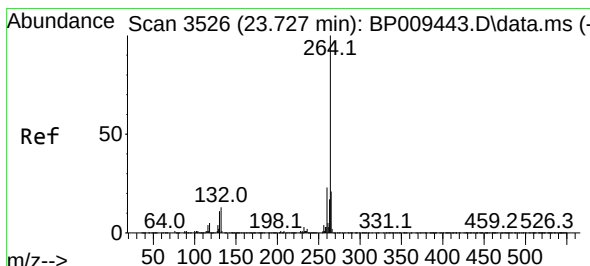
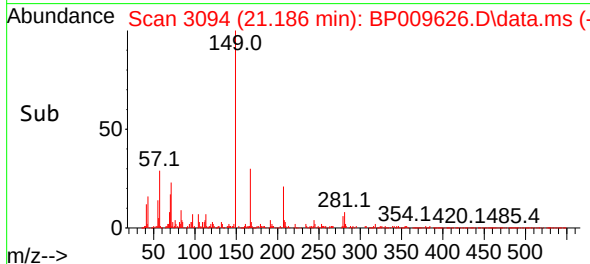
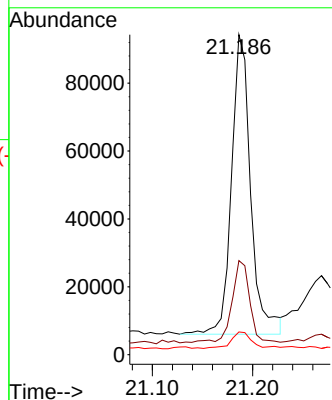
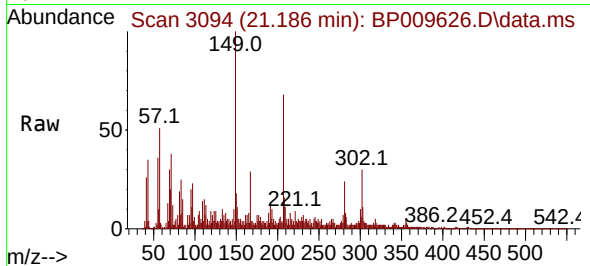




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.983 ng
RT: 21.186 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

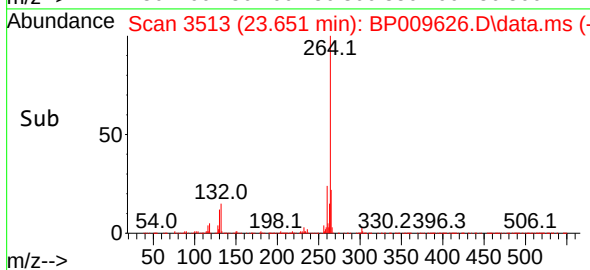
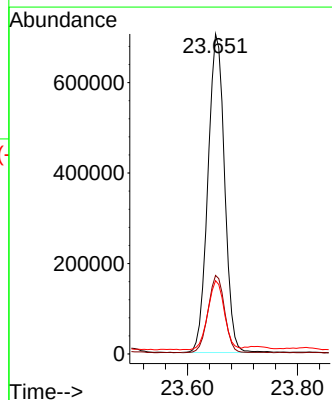
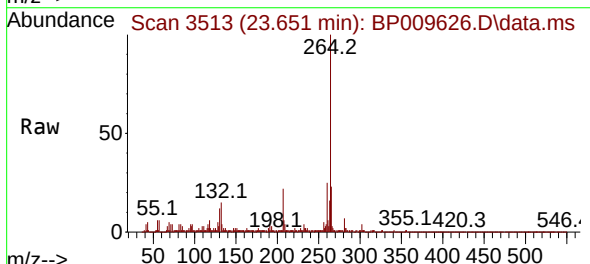
Instrument :
BNA_P
ClientSampleId :
22L076-G

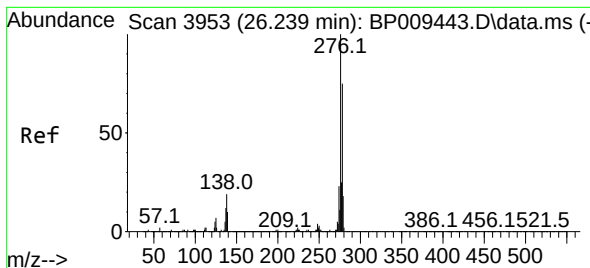
Tgt Ion:149 Resp: 117781
Ion Ratio Lower Upper
149 100
167 29.4 22.6 33.8
279 7.1 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.651 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BP009626.D
Acq: 30 Mar 2022 19:21

Tgt Ion:264 Resp: 1482514
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 22.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.573 ng

RT: 26.127 min Scan# 3390

Delta R.T. -0.012 min

Lab File: BP009626.D

Acq: 30 Mar 2022 19:21

Instrument :

BNA_P

ClientSampleId :

22L076-G

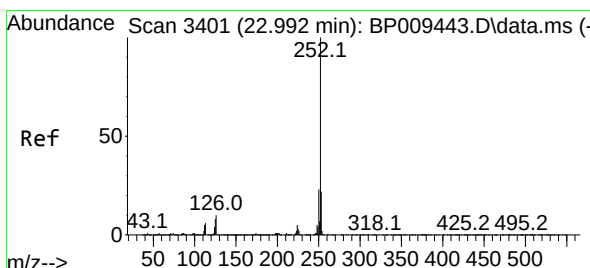
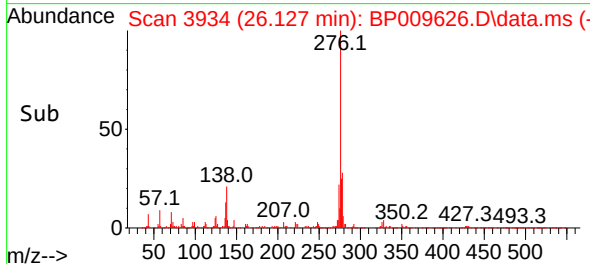
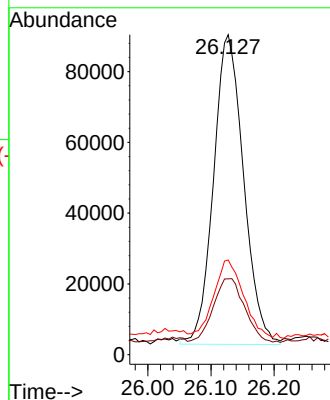
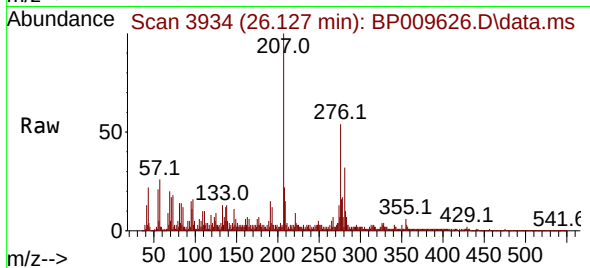
Tgt Ion:276 Resp: 289379

Ion Ratio Lower Upper

276 100

138 21.4 20.5 30.7

277 24.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 6.810 ng

RT: 22.927 min Scan# 3390

Delta R.T. 0.000 min

Lab File: BP009626.D

Acq: 30 Mar 2022 19:21

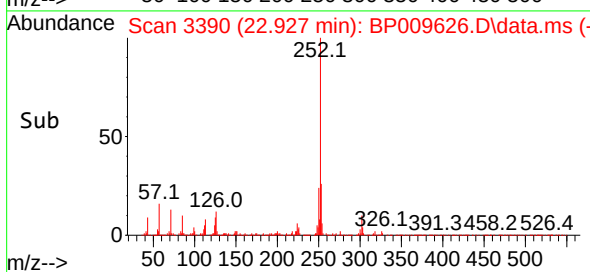
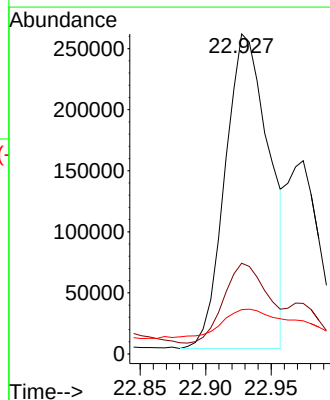
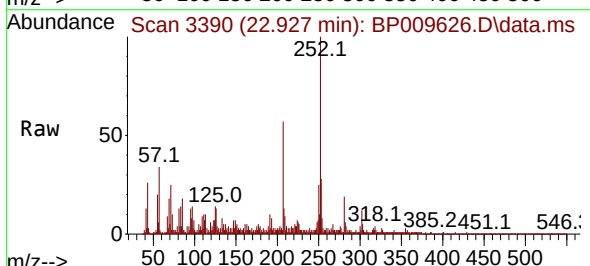
Tgt Ion:252 Resp: 602667

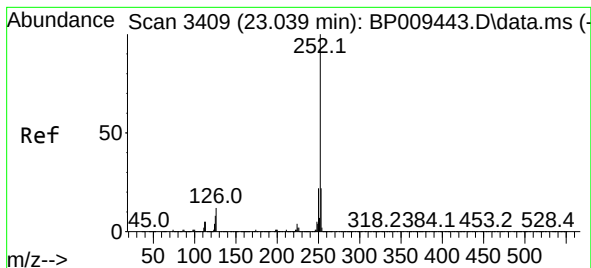
Ion Ratio Lower Upper

252 100

253 28.3 17.8 26.8#

125 13.9 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 6.925 ng

RT: 22.927 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP009626.D

Acq: 30 Mar 2022 19:21

Instrument :

BNA_P

ClientSampleId :

22L076-G

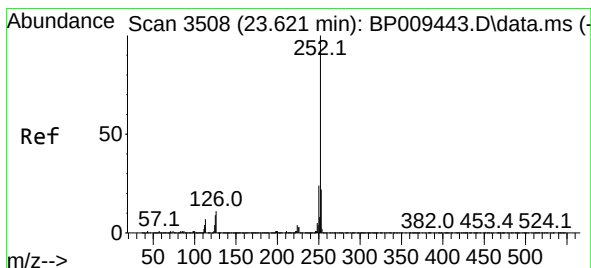
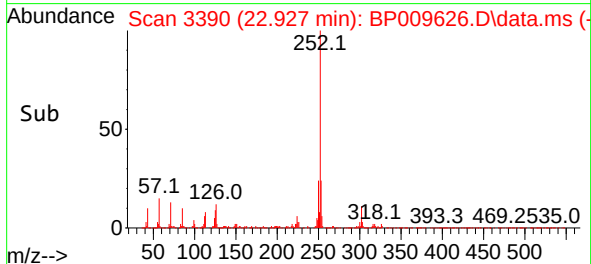
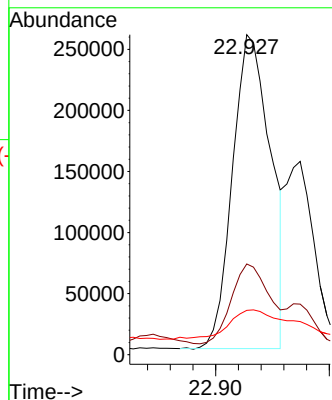
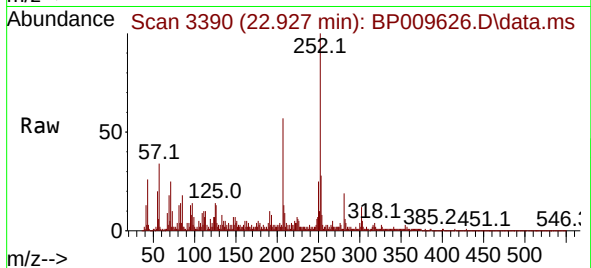
Tgt Ion:252 Resp: 600028

Ion Ratio Lower Upper

252 100

253 28.3 17.5 26.3#

125 13.9 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 5.865 ng

RT: 23.545 min Scan# 3495

Delta R.T. -0.006 min

Lab File: BP009626.D

Acq: 30 Mar 2022 19:21

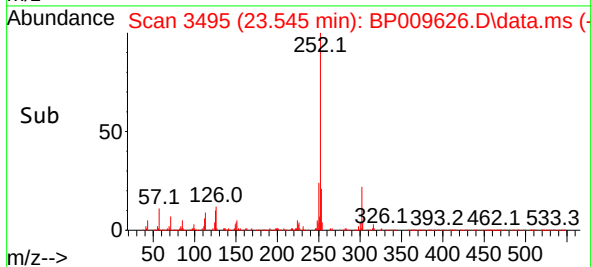
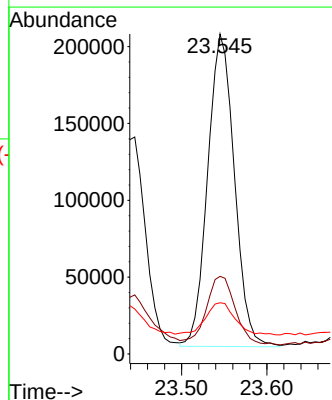
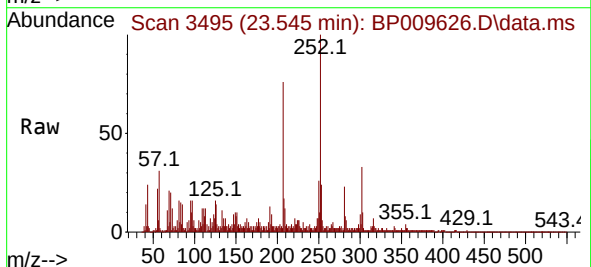
Tgt Ion:252 Resp: 444116

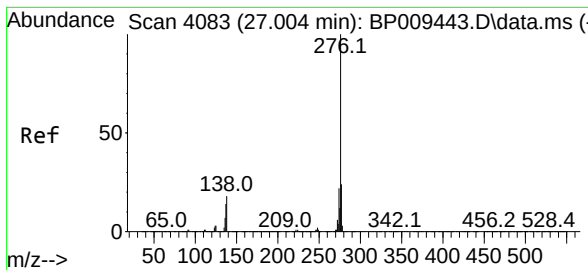
Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

125 16.0 9.3 13.9#





#92
 Benzo(g,h,i)perylene
 Concen: 3.239 ng
 RT: 26.892 min Scan# 4083
 Delta R.T. -0.006 min
 Lab File: BP009626.D
 Acq: 30 Mar 2022 19:21

Instrument :
 BNA_P
 ClientSampleId :
 22L076-G

Tgt Ion:	276	Resp:	298674
Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.2	28.8
138	21.7	18.0	27.0

