

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009646.D
 Acq On : 31 Mar 2022 18:58
 Operator : CG/JU
 Sample : N2199-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-ETGI-371

Quant Time: Apr 01 04:11:09 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

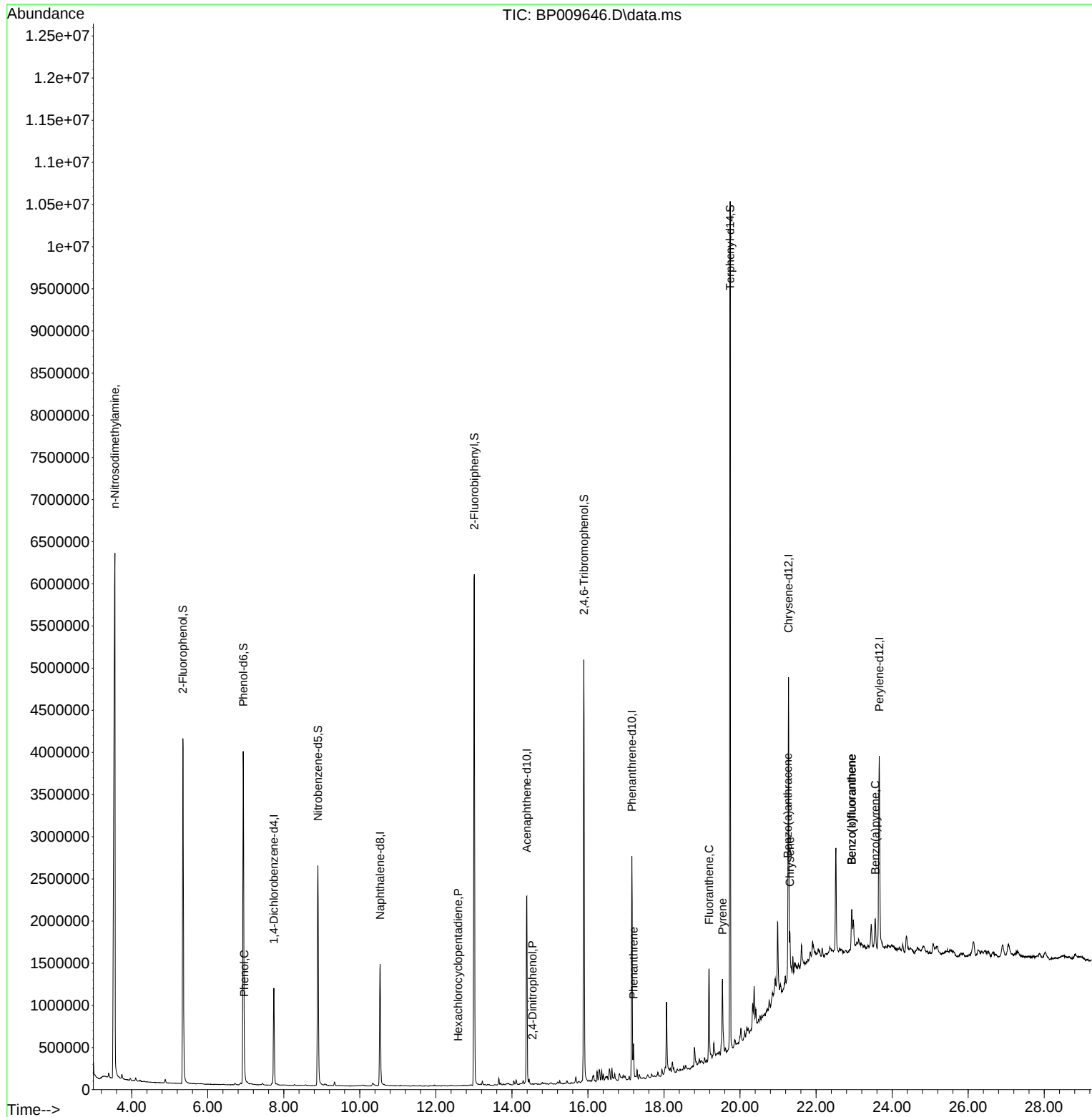
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	350704	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1390073	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	859033	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1704141	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1632633	20.000	ng	0.00
86) Perylene-d12	23.663	264	1823515	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2175298	108.294	ng	0.00
7) Phenol-d6	6.934	99	2739606	100.852	ng	0.00
23) Nitrobenzene-d5	8.899	82	1757027	67.169	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1136317	80.160	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3542443	57.167	ng	0.00
79) Terphenyl-d14	19.739	244	5212537	57.306	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.558	42	336758	42.673	ng	# 1
9) Benzaldehyde	6.934	77	8748	Below Cal		# 13
10) Phenol	6.963	94	67395	2.473	ng	# 73
41) Hexachlorocyclopentadiene	12.587	237	35	7.291	ng	79
54) 2,4-Dinitrophenol	14.540	184	106	4.544	ng	# 1
71) Phenanthrene	17.198	178	269893	2.959	ng	99
75) Fluoranthene	19.186	202	620567	5.619	ng	98
78) Pyrene	19.539	202	580772	5.398	ng	99
81) Benzo(a)anthracene	21.257	228	299016	2.788	ng	97
83) Chrysene	21.310	228	307073	3.023	ng	98
88) Benzo(b)fluoranthene	22.939	252	415769	3.819	ng	# 94
89) Benzo(k)fluoranthene	22.939	252	415769	3.901	ng	# 94
90) Benzo(a)pyrene	23.557	252	264788	2.843	ng	# 94

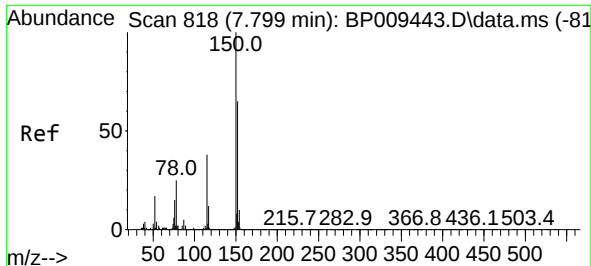
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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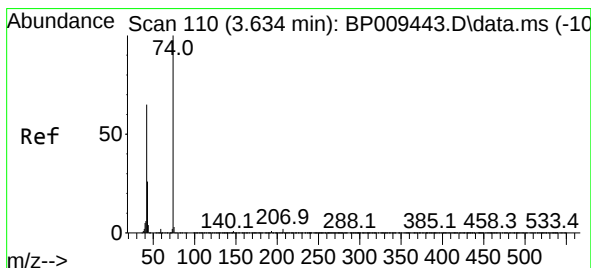
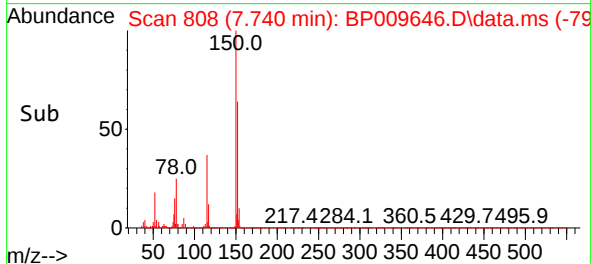
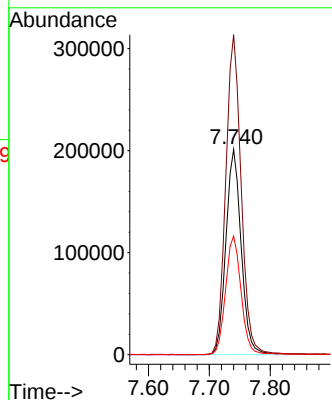
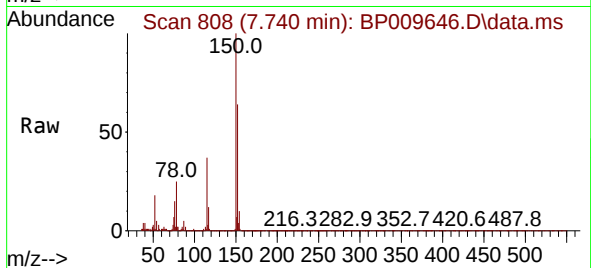




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP009646.D
 Acq: 31 Mar 2022 18:58

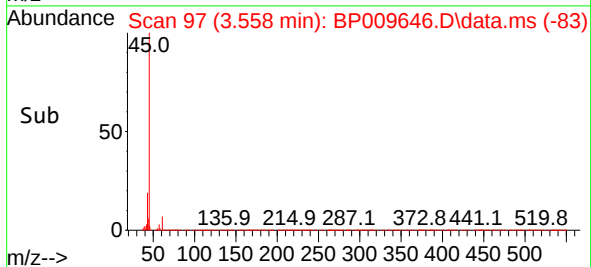
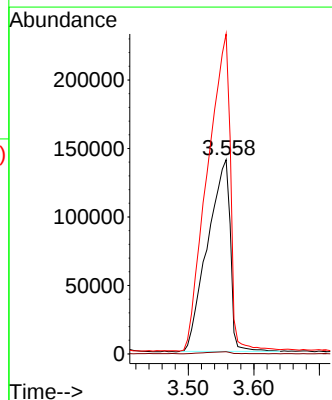
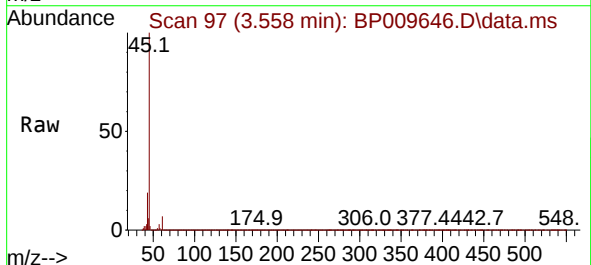
Instrument :
 BNA_P
 ClientSampleId :
 RO-ETGI-371

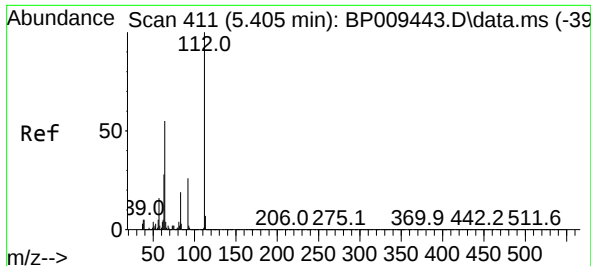
Tgt Ion:152 Resp: 350704
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.5 186.7
 115 57.8 48.2 72.4



#4
 n-Nitrosodimethylamine
 Concen: 42.673 ng
 RT: 3.558 min Scan# 97
 Delta R.T. -0.018 min
 Lab File: BP009646.D
 Acq: 31 Mar 2022 18:58

Tgt Ion: 42 Resp: 336758
 Ion Ratio Lower Upper
 42 100
 74 1.1 122.1 183.1#
 44 164.8 5.8 8.8#

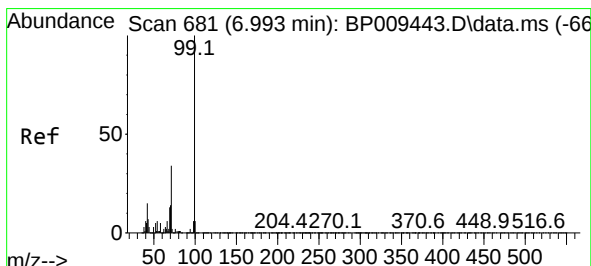
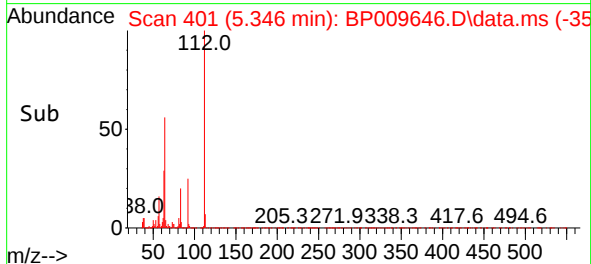
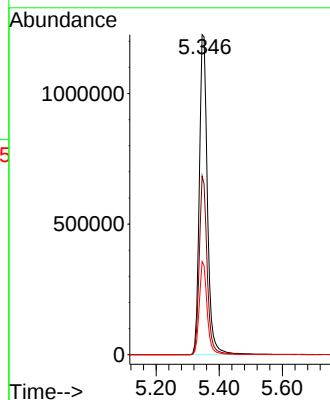
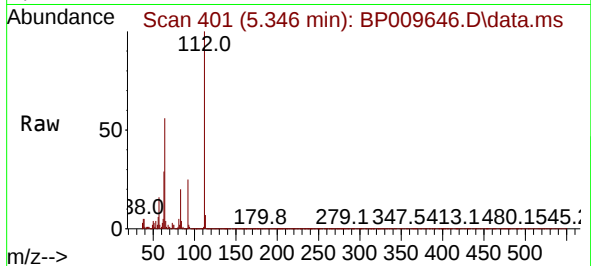




#5
2-Fluorophenol
Concen: 108.294 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

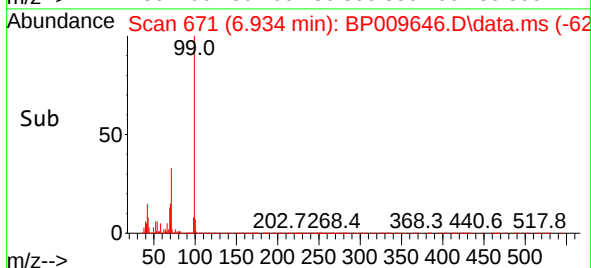
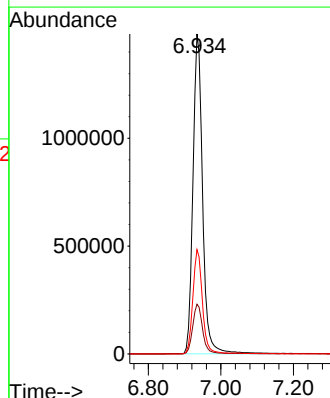
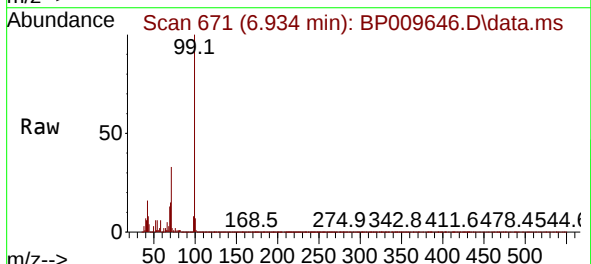
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-371

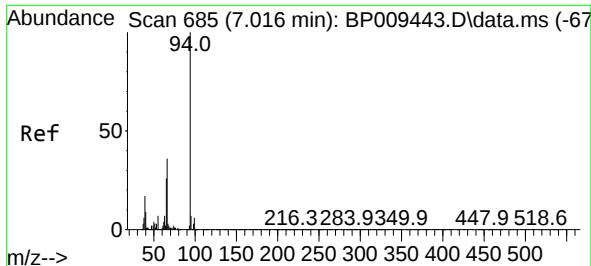
Tgt Ion:112 Resp: 2175298
Ion Ratio Lower Upper
112 100
64 55.9 45.0 67.4
63 29.1 23.0 34.6



#7
Phenol-d6
Concen: 100.852 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion: 99 Resp: 2739606
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.6 26.3 39.5

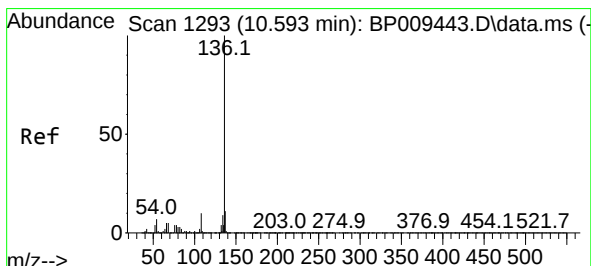
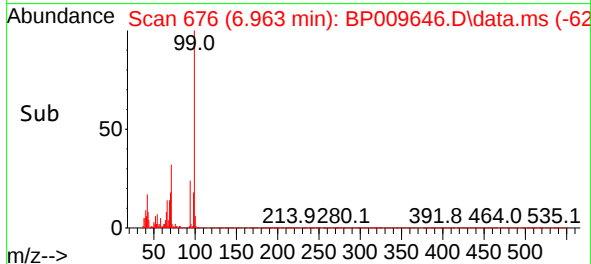
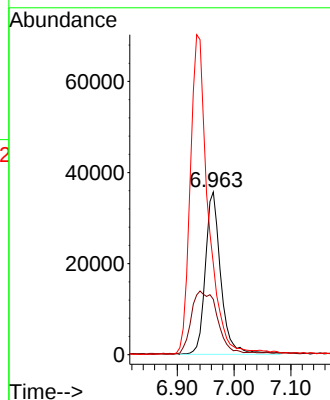
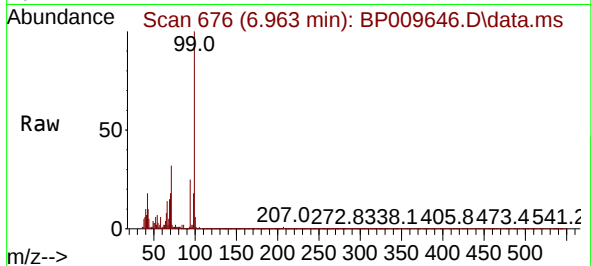




#10
Phenol
Concen: 2.473 ng
RT: 6.963 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

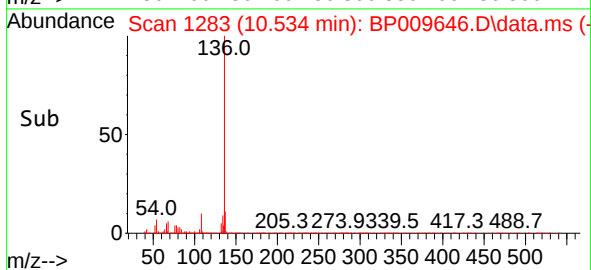
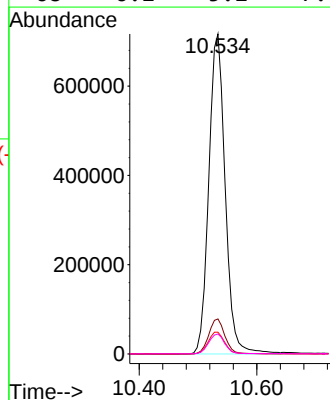
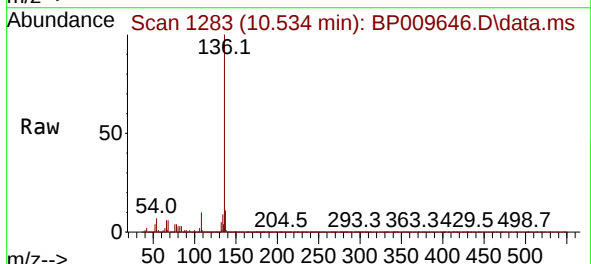
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-371

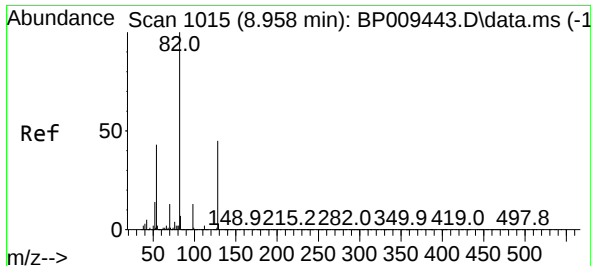
Tgt Ion: 94 Resp: 67395
Ion Ratio Lower Upper
94 100
65 34.1 7.2 47.2
66 55.9 14.3 54.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:136 Resp: 1390073
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 5.8 8.8
68 6.2 5.2 7.8

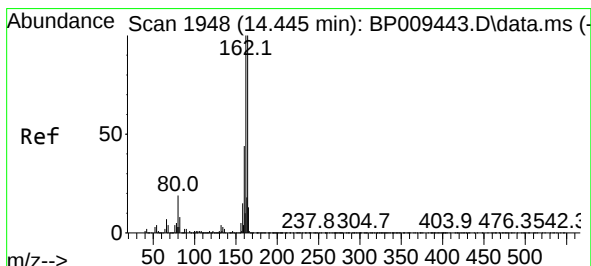
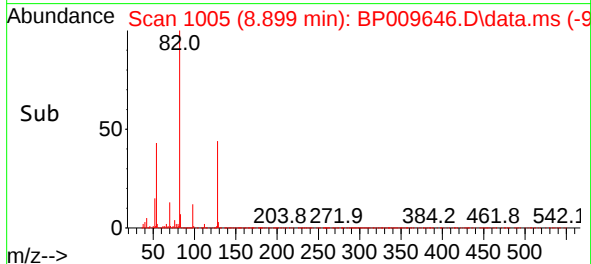
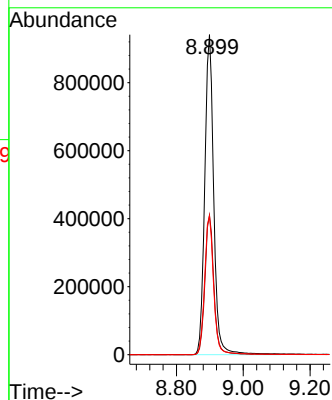
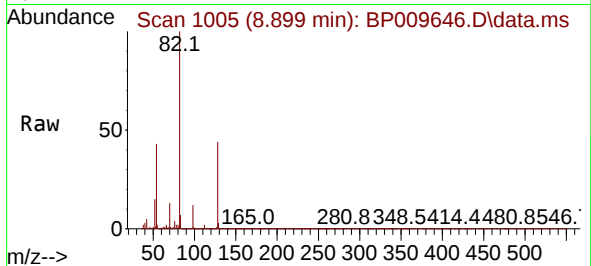




#23
Nitrobenzene-d5
Concen: 67.169 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

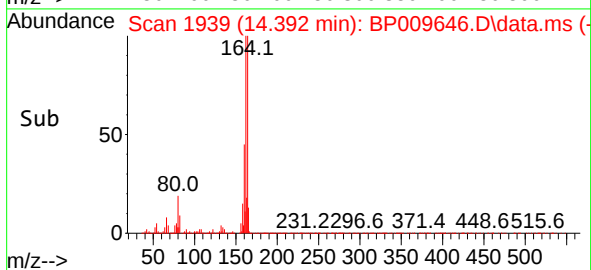
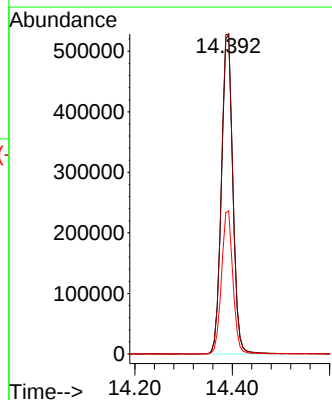
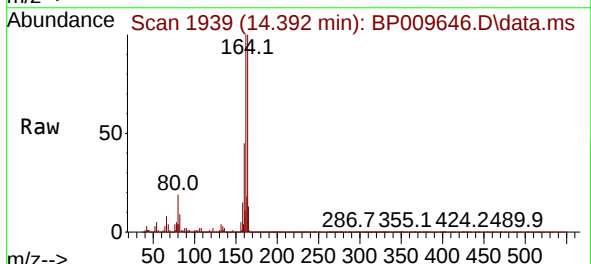
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ClientSampleId :
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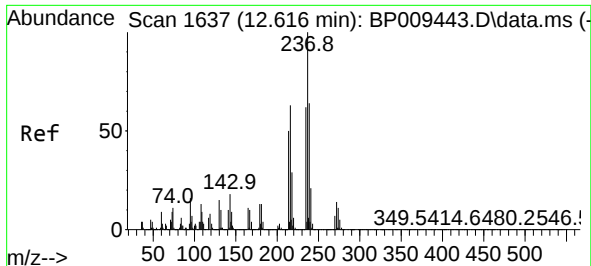
Tgt Ion: 82 Resp: 1757027
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 43.5 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:164 Resp: 859033
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 44.7 34.9 52.3

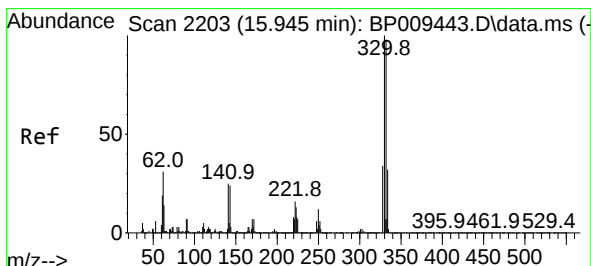
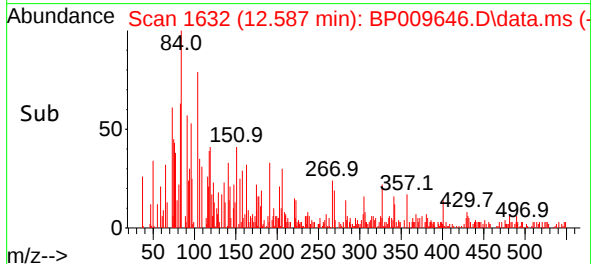
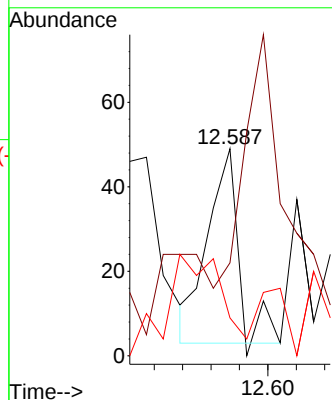
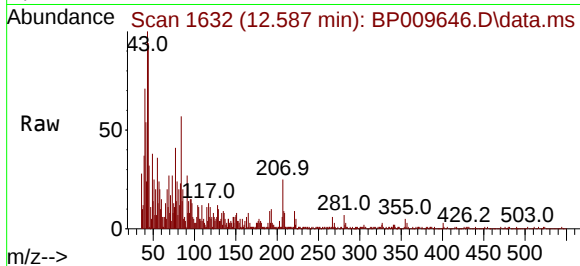




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.587 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

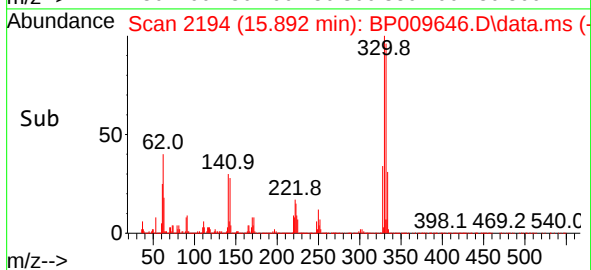
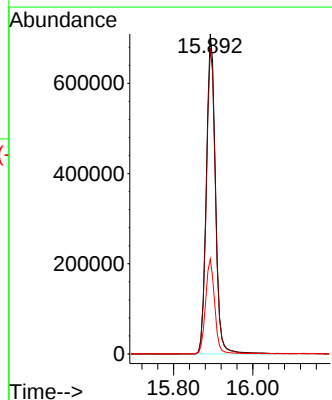
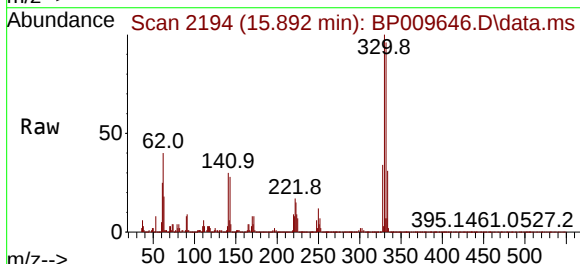
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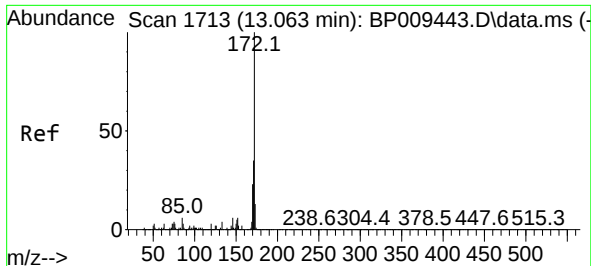
Tgt Ion:	237	Resp:	35
Ion	Ratio	Lower	Upper
237	100		
235	44.9	42.6	82.6
272	18.4	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 80.160 ng
RT: 15.892 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:	330	Resp:	1136317
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	29.6	27.6	41.4

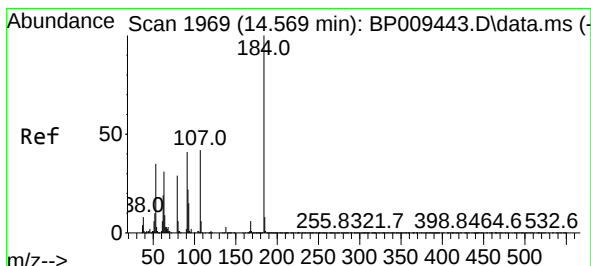
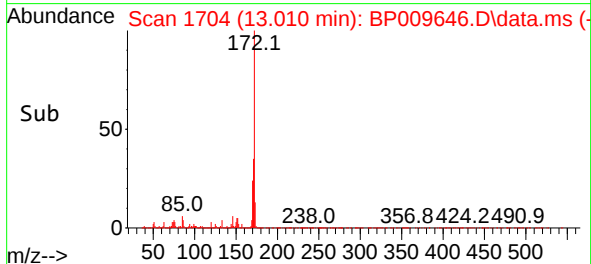
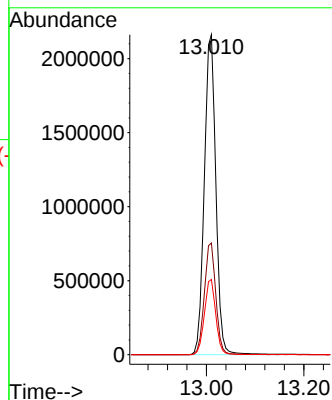
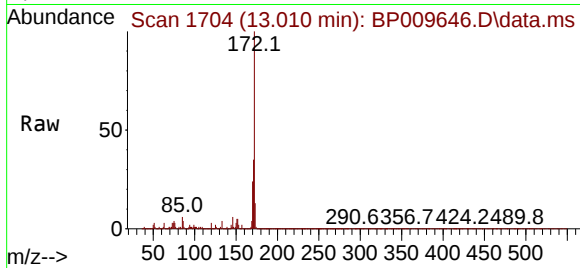




#45
2-Fluorobiphenyl
Concen: 57.167 ng
RT: 13.010 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

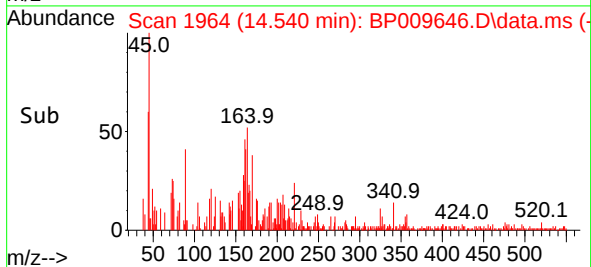
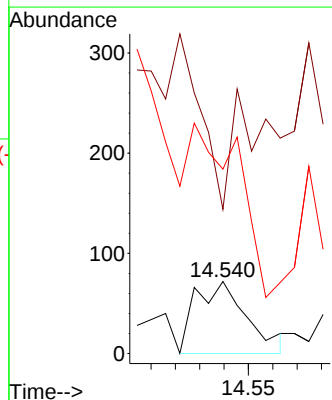
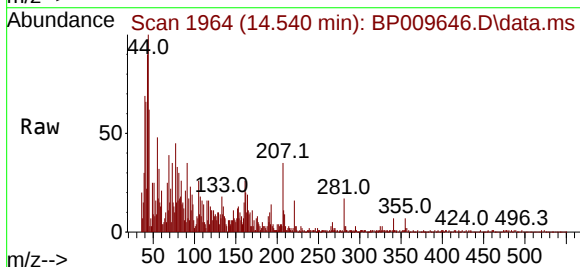
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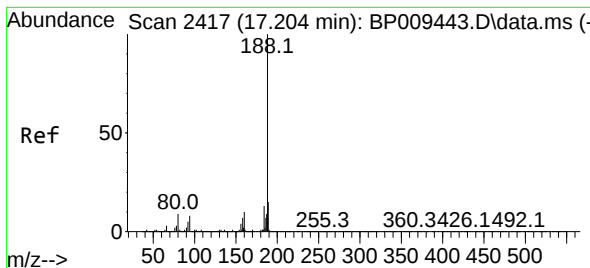
Tgt Ion:172 Resp: 3542443
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.544 ng
RT: 14.540 min Scan# 1964
Delta R.T. 0.012 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 200.0 46.3 69.5#
154 255.6 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP009646.D

Acq: 31 Mar 2022 18:58

Instrument :

BNA_P

ClientSampleId :

RO-ETGI-371

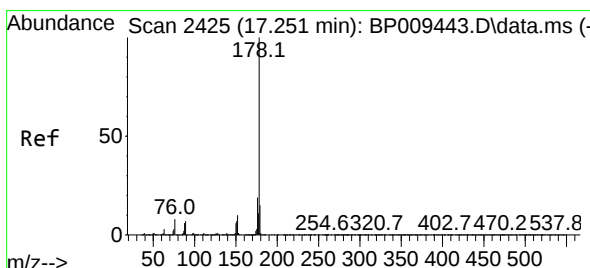
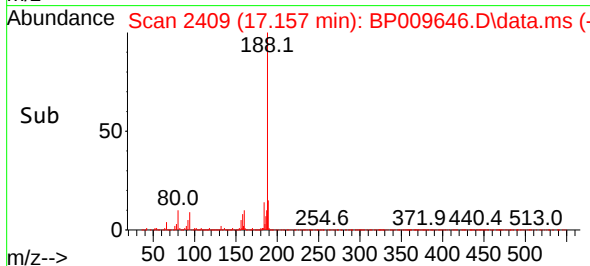
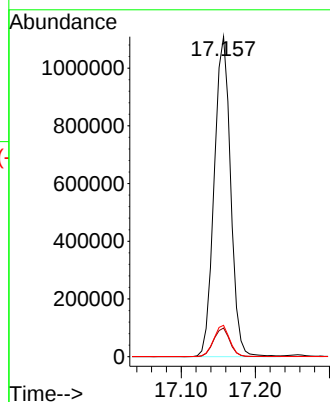
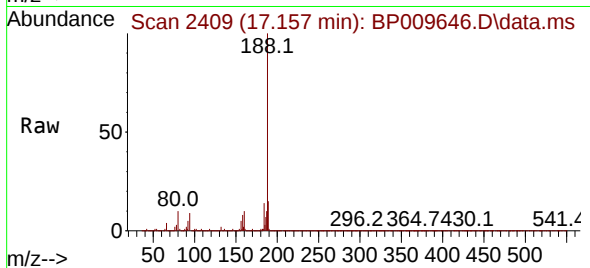
Tgt Ion:188 Resp: 1704141

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 9.8 8.8 13.2



#71

Phenanthrene

Concen: 2.959 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP009646.D

Acq: 31 Mar 2022 18:58

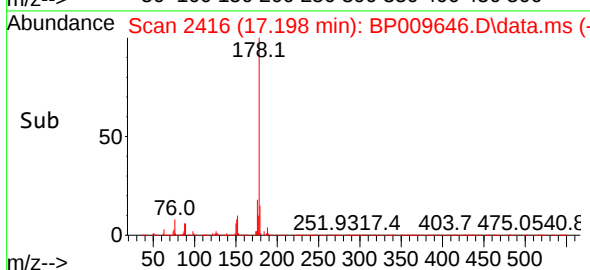
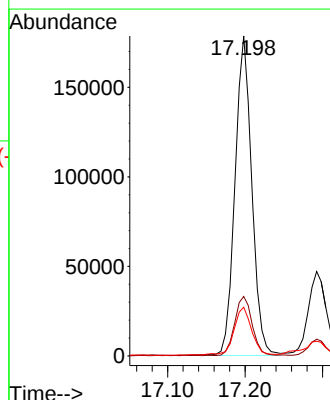
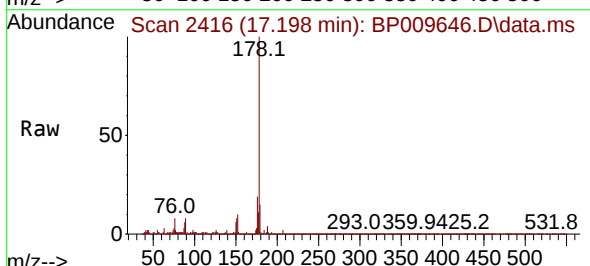
Tgt Ion:178 Resp: 269893

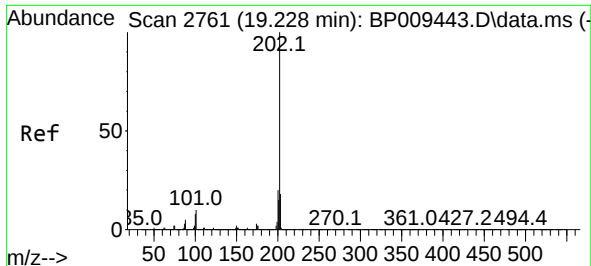
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.3 12.3 18.5

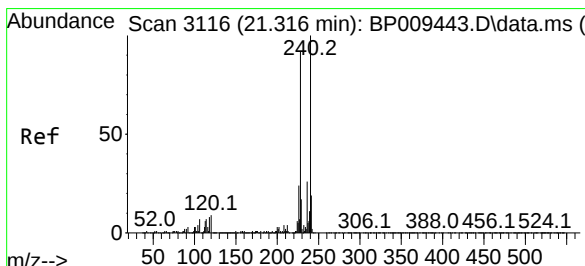
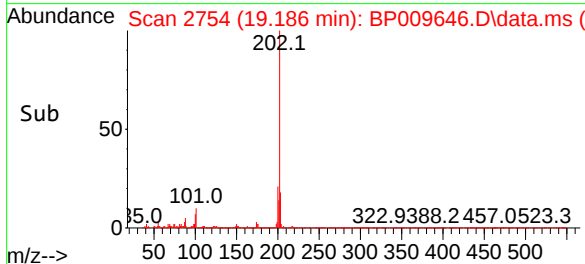
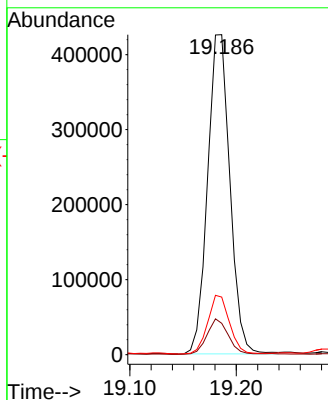
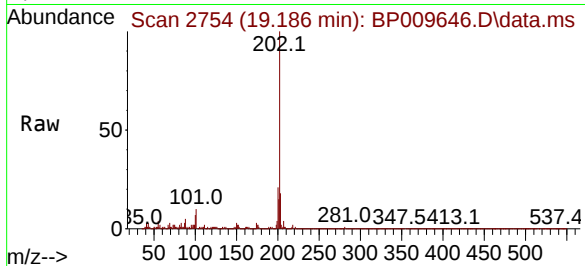




#75
Fluoranthene
Concen: 5.619 ng
RT: 19.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

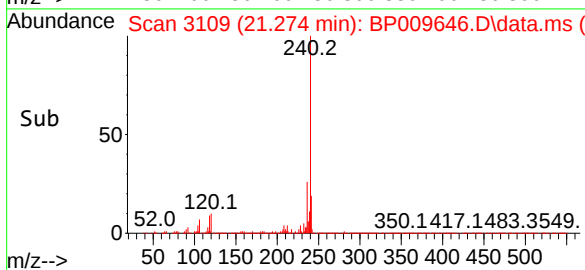
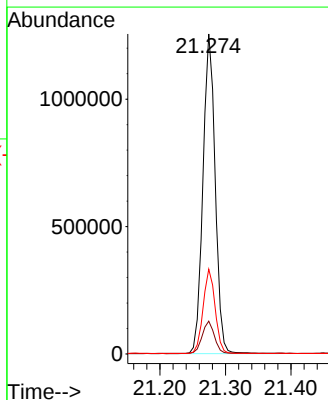
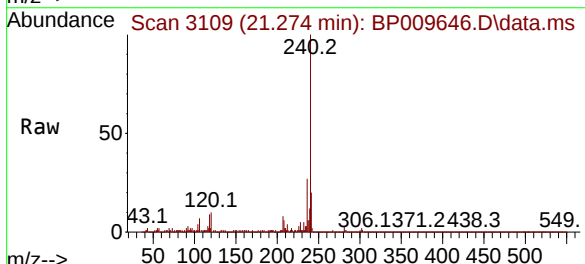
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-371

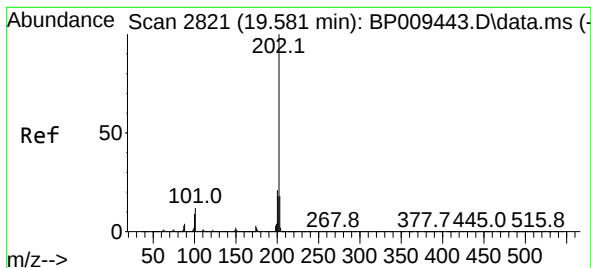
Tgt Ion:202 Resp: 620567
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.5
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:240 Resp: 1632633
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 26.5 20.6 30.8





#78

Pyrene

Concen: 5.398 ng

RT: 19.539 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP009646.D

Acq: 31 Mar 2022 18:58

Instrument :

BNA_P

ClientSampleId :

RO-ETGI-371

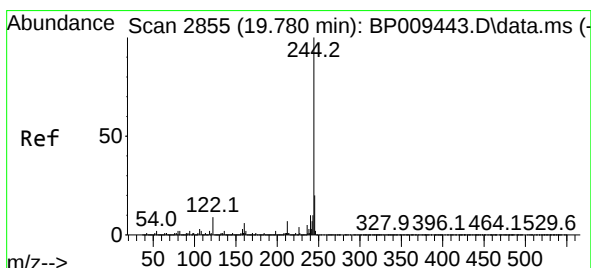
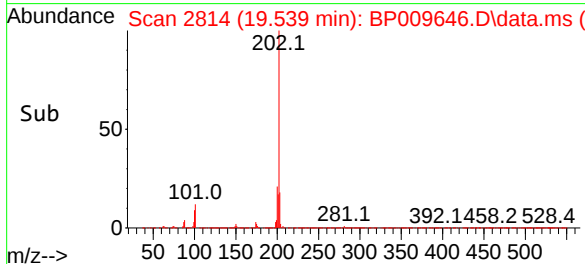
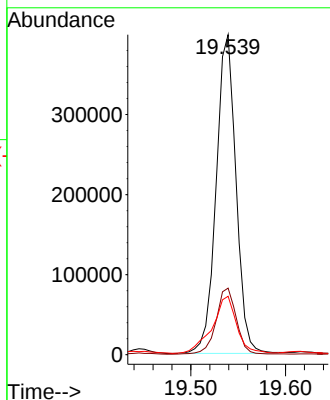
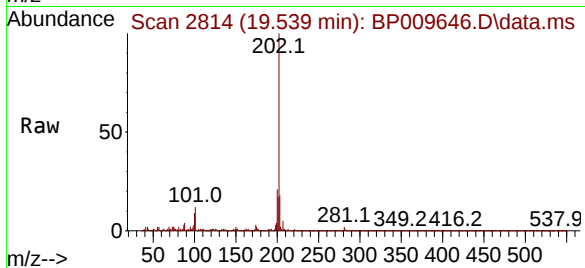
Tgt Ion:202 Resp: 580772

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 57.306 ng

RT: 19.739 min Scan# 2848

Delta R.T. 0.000 min

Lab File: BP009646.D

Acq: 31 Mar 2022 18:58

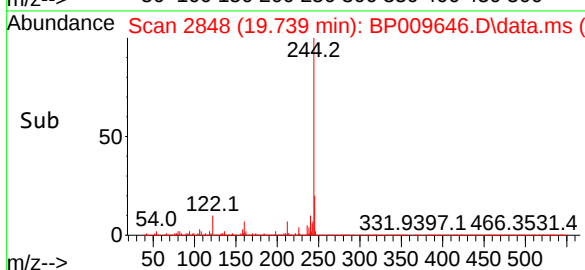
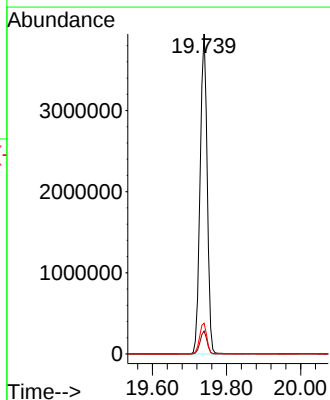
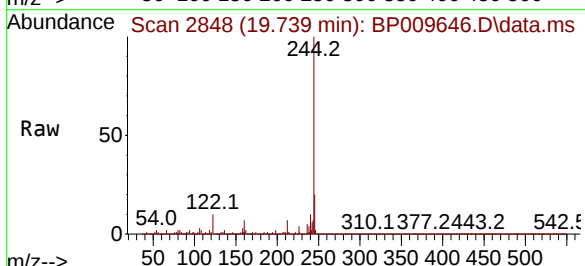
Tgt Ion:244 Resp: 5212537

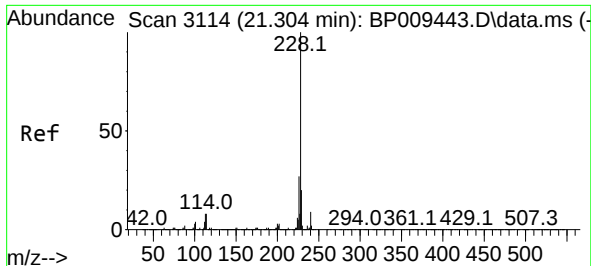
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.6 8.3 12.5

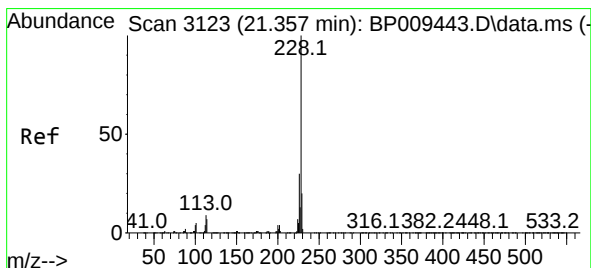
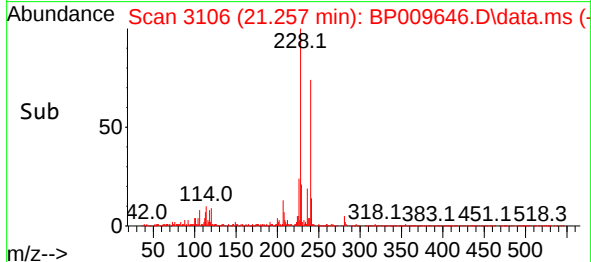
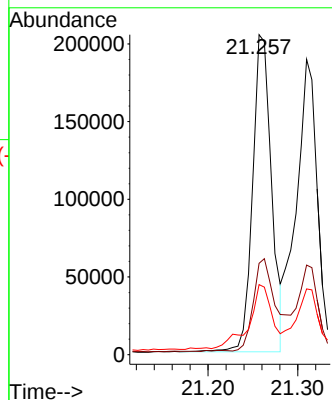
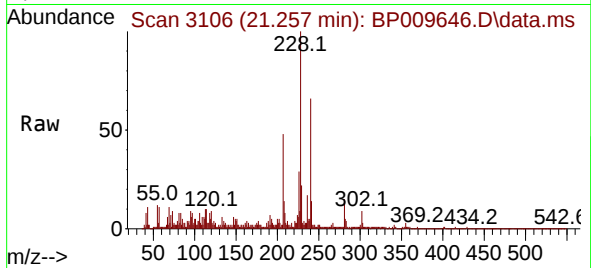




#81
Benzo(a)anthracene
Concen: 2.788 ng
RT: 21.257 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

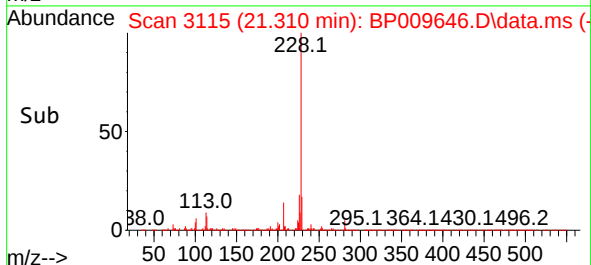
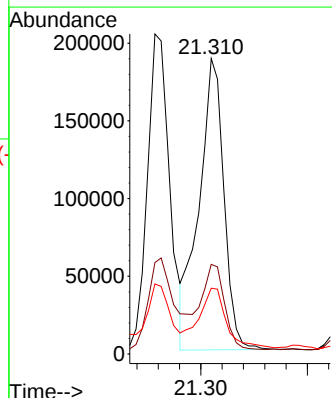
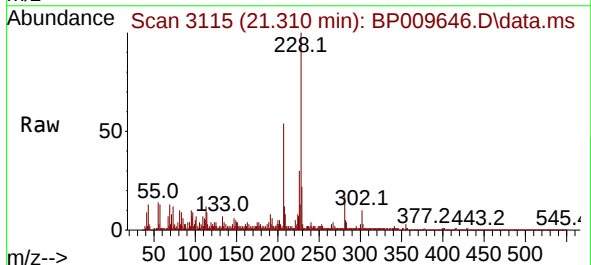
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-371

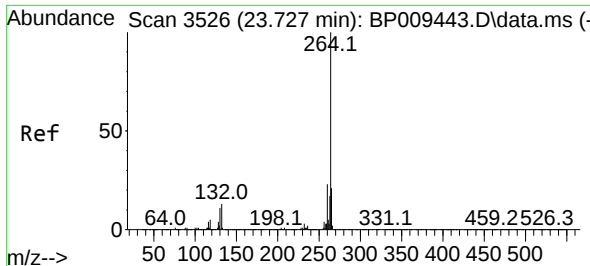
Tgt Ion:228 Resp: 299016
Ion Ratio Lower Upper
228 100
226 28.6 22.0 33.0
229 21.9 16.1 24.1



#83
Chrysene
Concen: 3.023 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:228 Resp: 307073
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 22.2 16.1 24.1

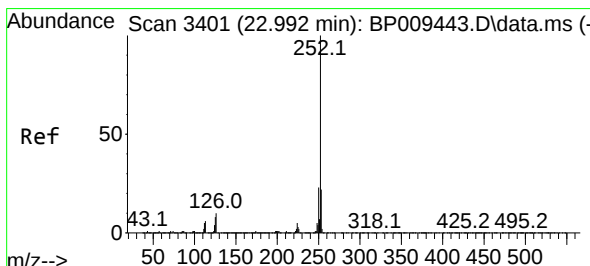
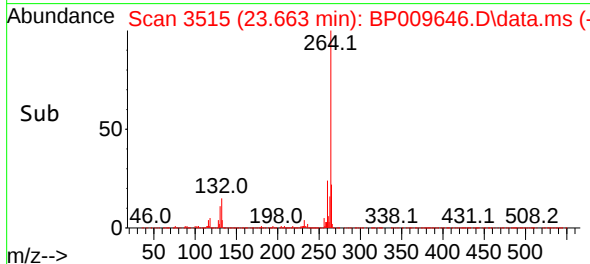
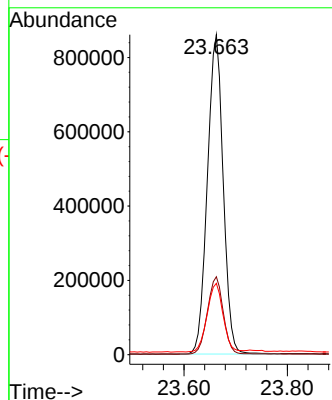
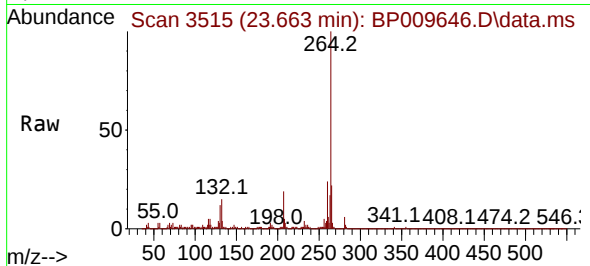




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.663 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

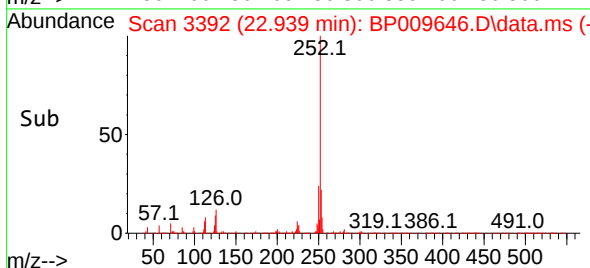
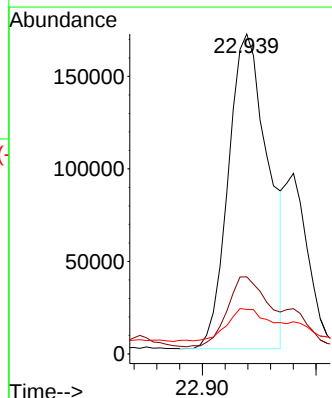
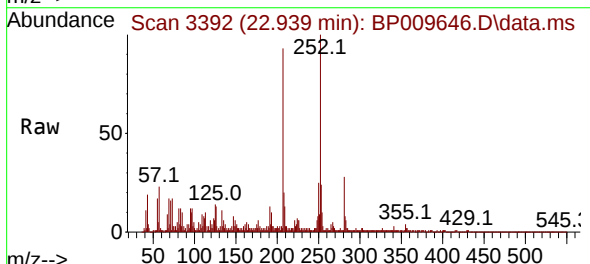
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-371

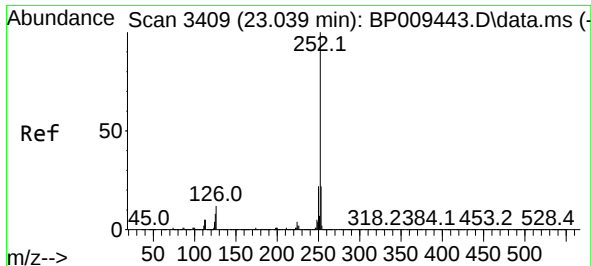
Tgt Ion:264 Resp: 1823515
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 22.3 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.819 ng
RT: 22.939 min Scan# 3392
Delta R.T. 0.012 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:252 Resp: 415769
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 13.9 8.1 12.1#

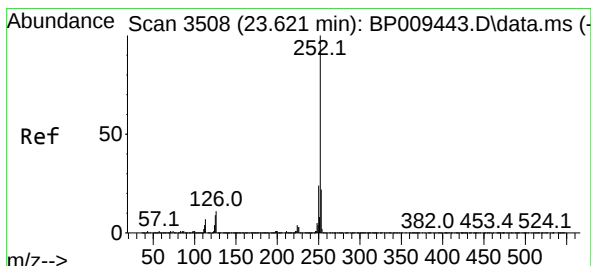
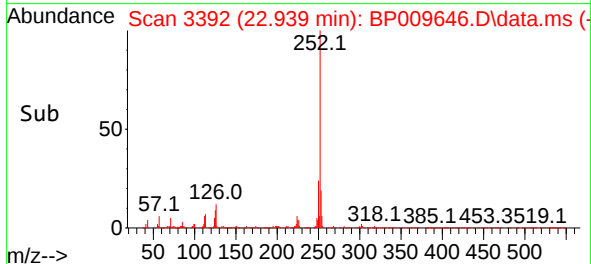
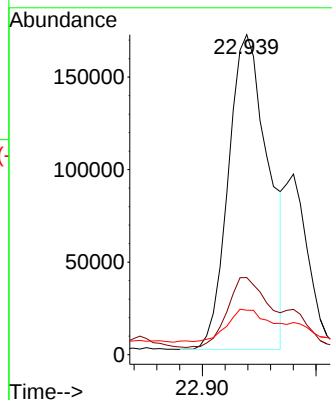
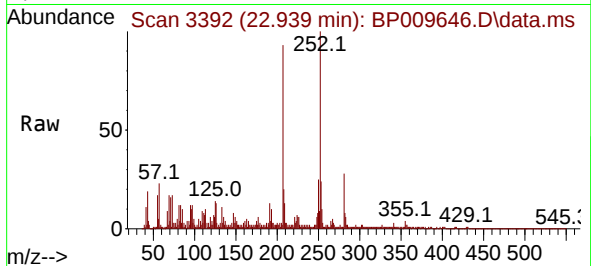




#89
Benzo(k)fluoranthene
Concen: 3.901 ng
RT: 22.939 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Instrument :
BNA_P
ClientSampleId :
RO-ETGI-371

Tgt Ion:252 Resp: 415769
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 13.9 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.843 ng
RT: 23.557 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP009646.D
Acq: 31 Mar 2022 18:58

Tgt Ion:252 Resp: 264788
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 14.9 9.3 13.9#

