

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019666.D
 Acq On : 12 Feb 2024 17:02
 Operator : MA/JU
 Sample : P1428-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-020824

Quant Time: Feb 12 17:49:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

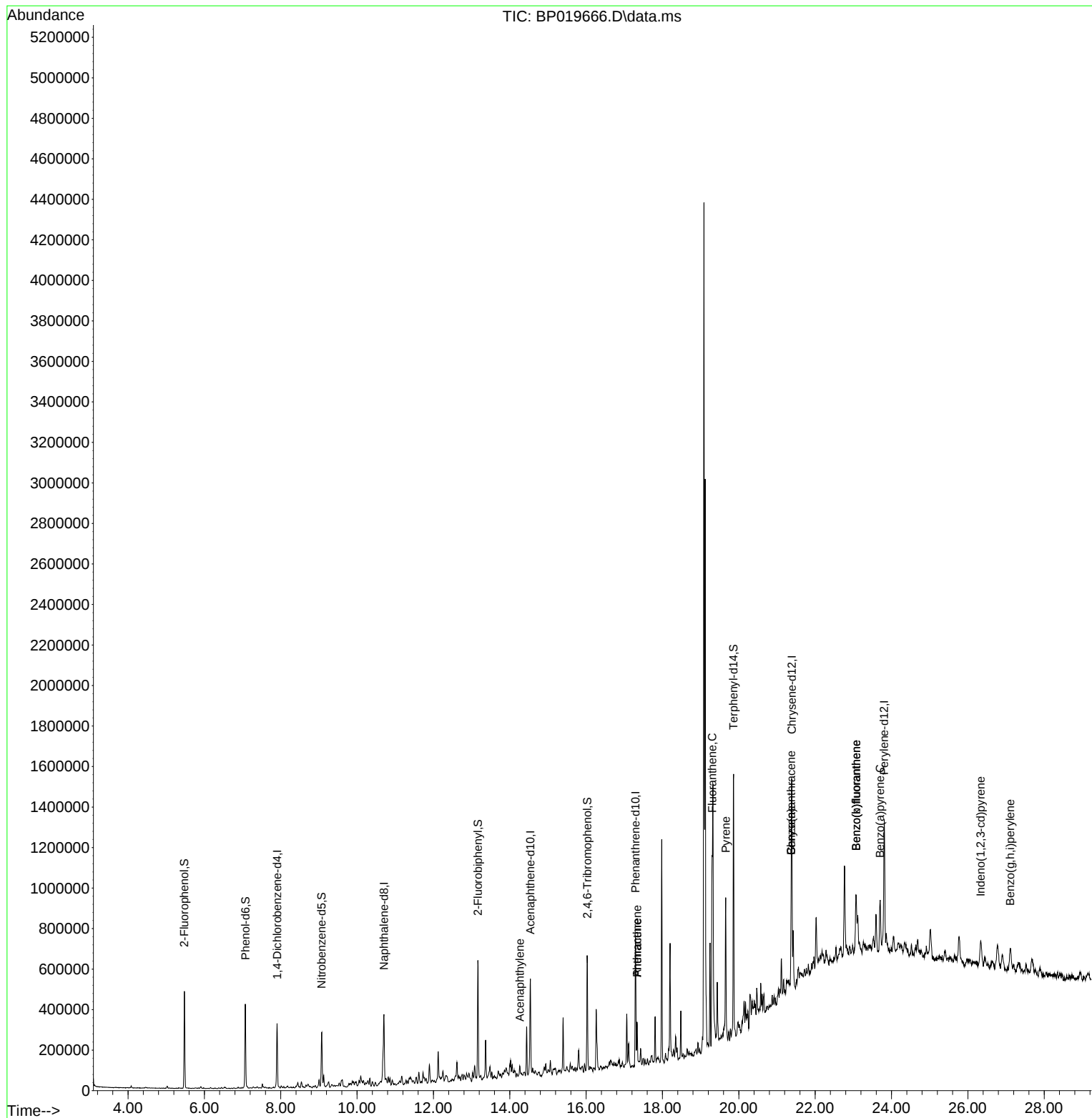
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	84081	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	272177	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	163592	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	402575	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	448118	20.000	ng	0.00
86) Perylene-d12	23.810	264	516760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	196686	37.707	ng	-0.01
7) Phenol-d6	7.075	99	237097	33.710	ng	-0.01
23) Nitrobenzene-d5	9.069	82	162334	25.844	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	114009	47.731	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	325764	24.617	ng	-0.02
79) Terphenyl-d14	19.863	244	654463	24.018	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.263	152	37525	2.495	ng	94
71) Phenanthrene	17.334	178	133076	6.281	ng	100
72) Anthracene	17.334	178	133076	6.297	ng	98
75) Fluoranthene	19.304	202	343582	13.275	ng	99
78) Pyrene	19.657	202	360454	11.397	ng	99
81) Benzo(a)anthracene	21.369	228	189876	6.019	ng	93
83) Chrysene	21.369	228	189876	6.340	ng	96
87) Indeno(1,2,3-cd)pyrene	26.333	276	148938	3.765	ng	97
88) Benzo(b)fluoranthene	23.074	252	268741	8.251	ng	# 88
89) Benzo(k)fluoranthene	23.074	252	268741	8.638	ng	# 88
90) Benzo(a)pyrene	23.698	252	206721	7.133	ng	# 92
92) Benzo(g,h,i)perylene	27.110	276	162735	4.931	ng	97

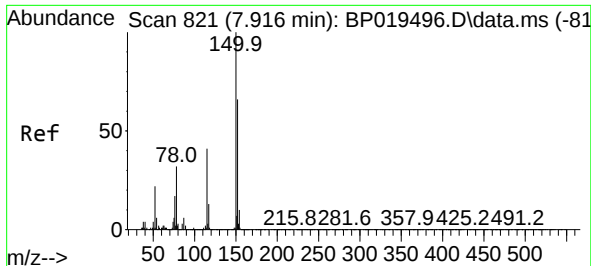
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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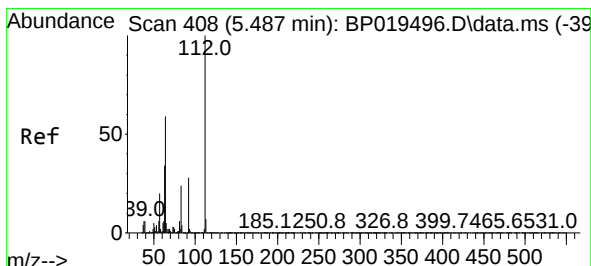
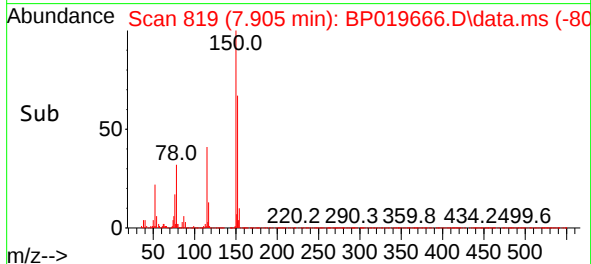
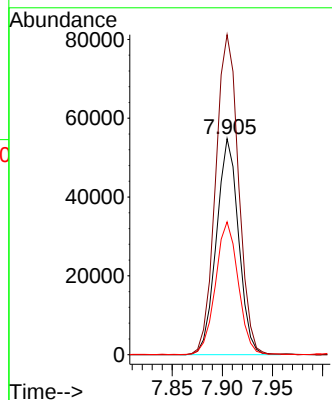
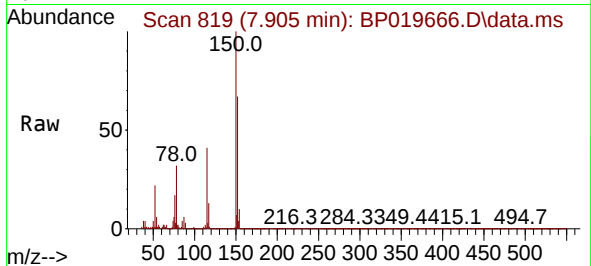




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

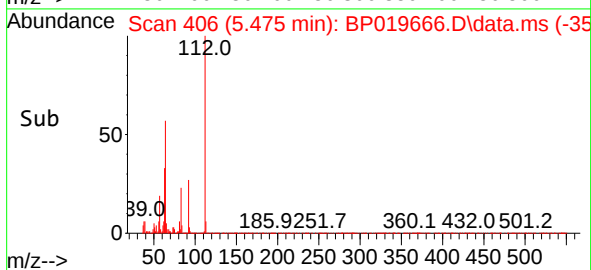
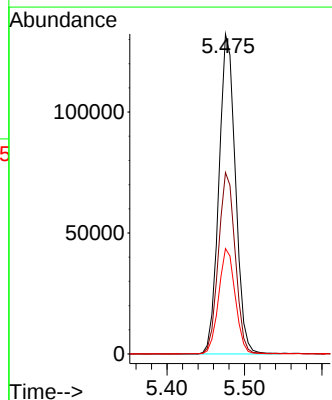
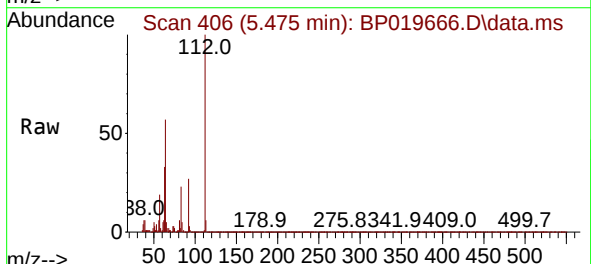
Instrument :
BNA_P
ClientSampleId :
EO-01-020824

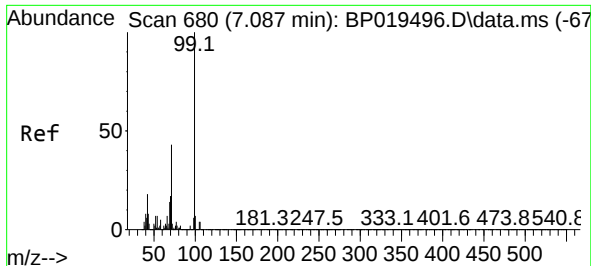
Tgt Ion:152 Resp: 84081
Ion Ratio Lower Upper
152 100
150 148.2 121.8 182.8
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 37.707 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion:112 Resp: 196686
Ion Ratio Lower Upper
112 100
64 56.7 47.4 71.0
63 33.0 27.0 40.6

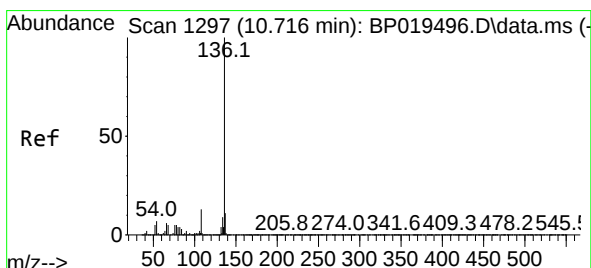
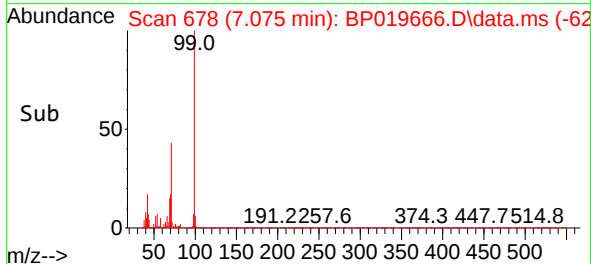
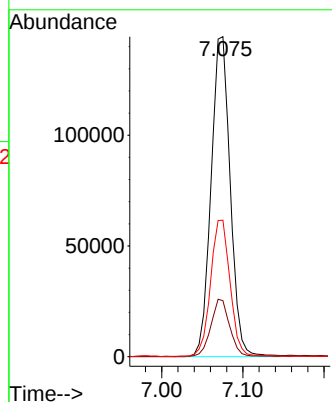
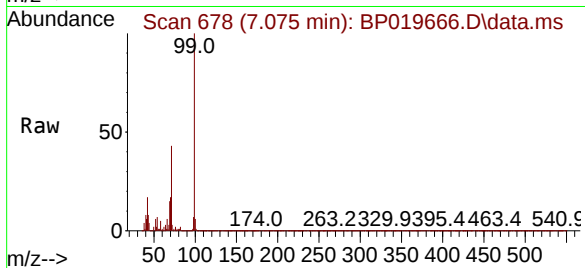




#7
Phenol-d6
Concen: 33.710 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

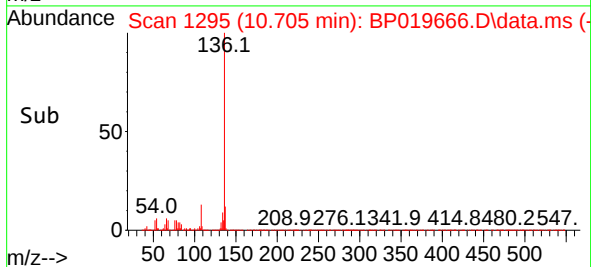
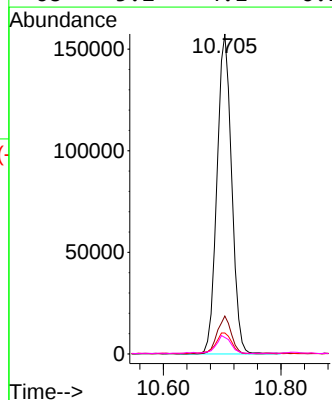
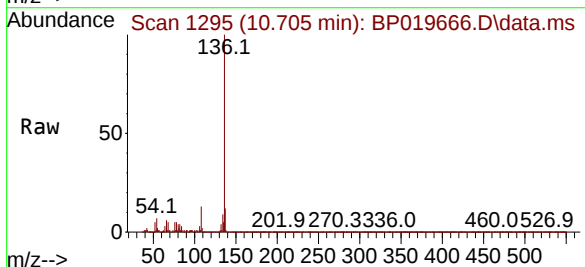
Instrument :
BNA_P
ClientSampleId :
EO-01-020824

Tgt Ion: 99 Resp: 237097
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion:136 Resp: 272177
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 6.5 5.3 7.9
68 5.2 4.1 6.1

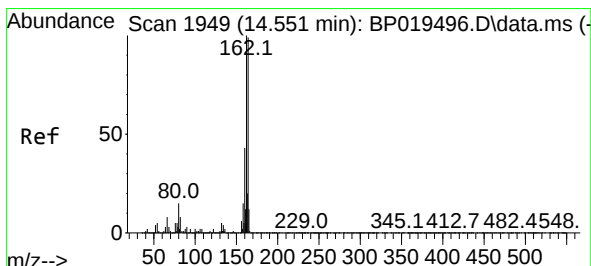
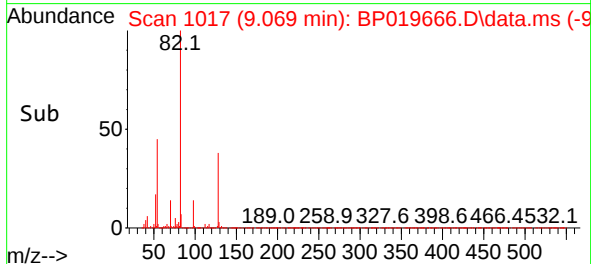
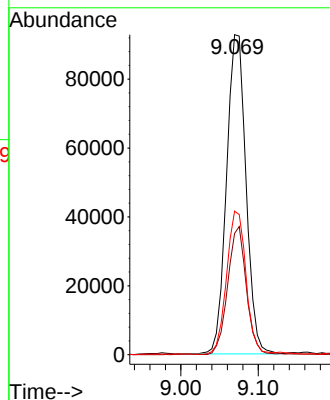
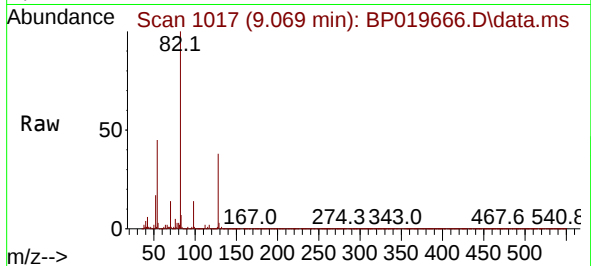




#23
Nitrobenzene-d5
Concen: 25.844 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

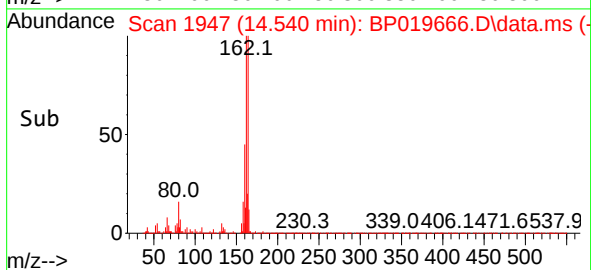
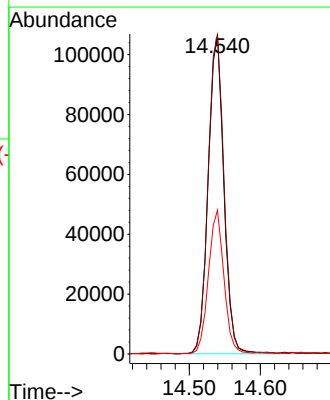
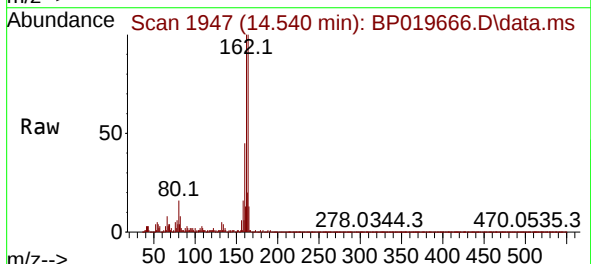
Instrument :
BNA_P
ClientSampleId :
EO-01-020824

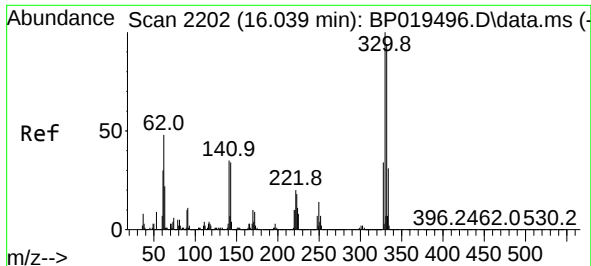
Tgt Ion: 82 Resp: 162334
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 44.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion: 164 Resp: 163592
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 44.9 35.1 52.7

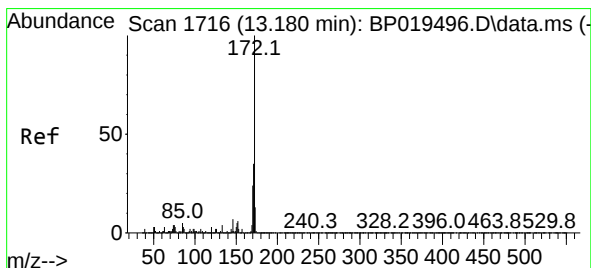
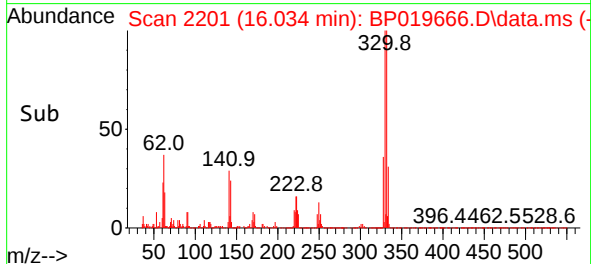
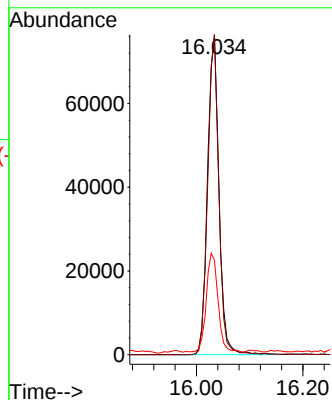
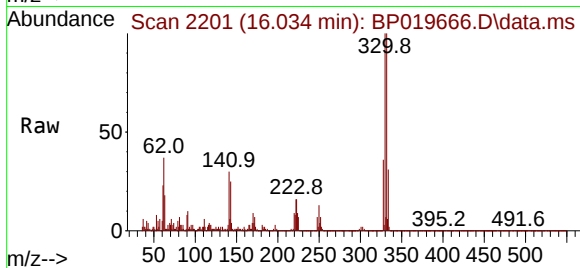




#42
2,4,6-Tribromophenol
Concen: 47.731 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

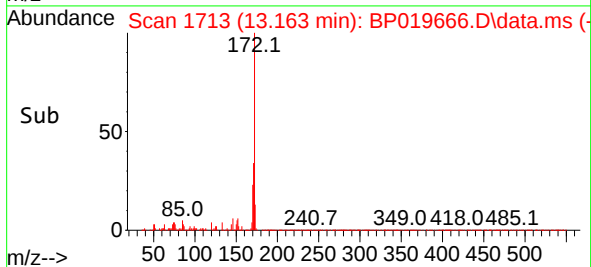
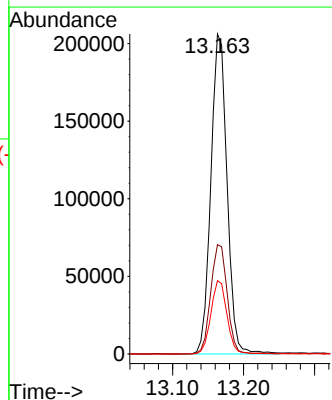
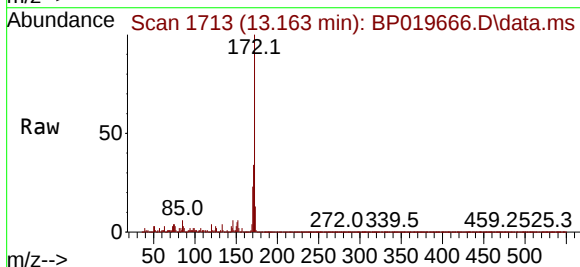
Instrument :
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ClientSampleId :
EO-01-020824

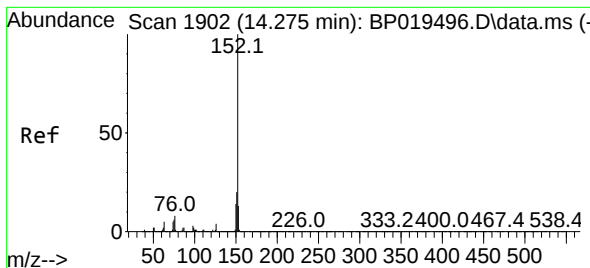
Tgt Ion: 330 Resp: 114009
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 32.0 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 24.617 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion: 172 Resp: 325764
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.4
170 22.9 18.9 28.3





#49

Acenaphthylene

Concen: 2.495 ng

RT: 14.263 min Scan# 1900

Delta R.T. -0.011 min

Lab File: BP019666.D

Acq: 12 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

EO-01-020824

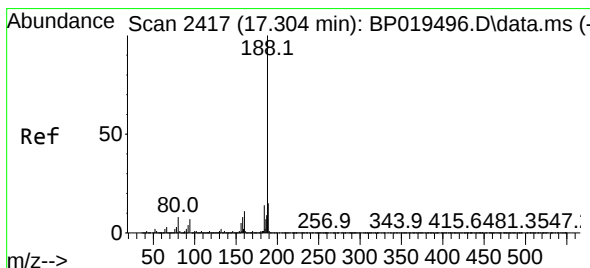
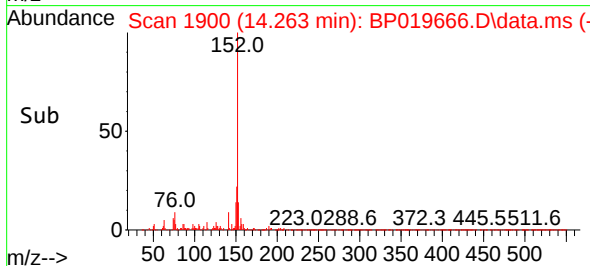
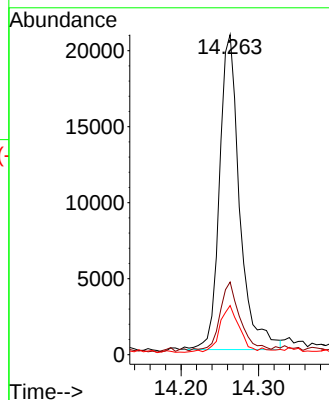
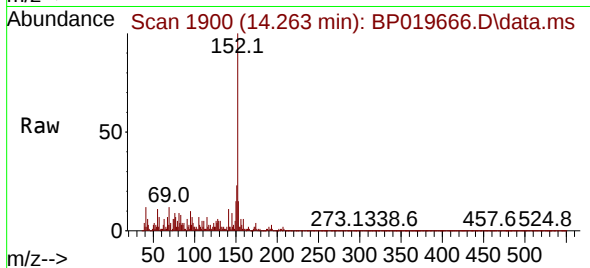
Tgt Ion:152 Resp: 37525

Ion Ratio Lower Upper

152 100

151 22.7 15.8 23.6

153 15.4 10.6 15.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019666.D

Acq: 12 Feb 2024 17:02

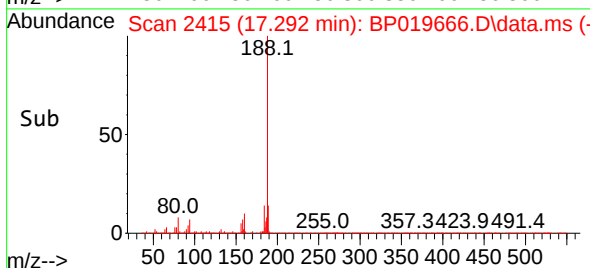
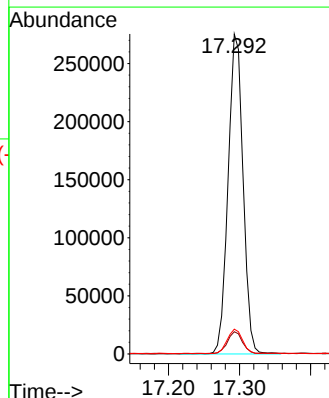
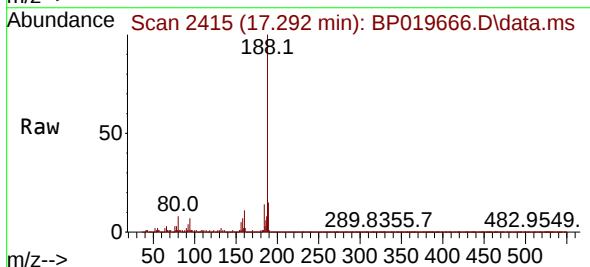
Tgt Ion:188 Resp: 402575

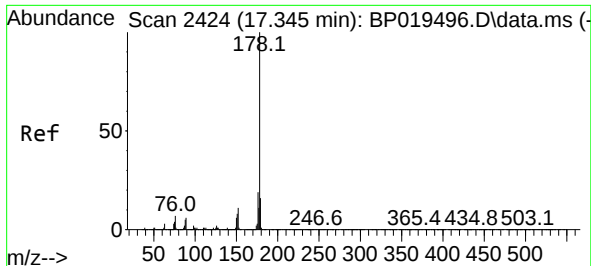
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.8 6.3 9.5

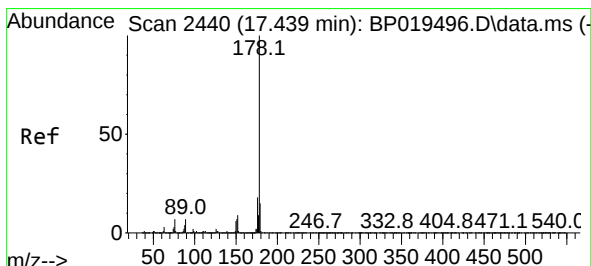
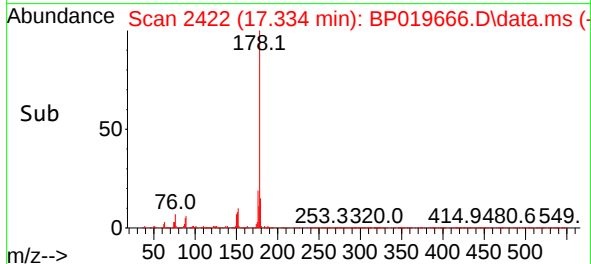
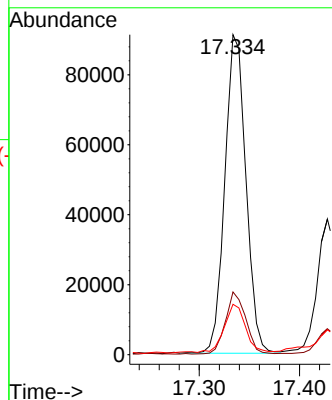
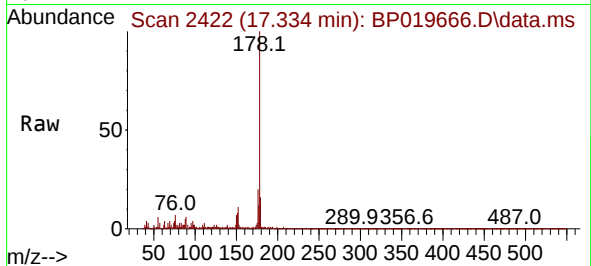




#71
Phenanthrene
Concen: 6.281 ng
RT: 17.334 min Scan# 2424
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

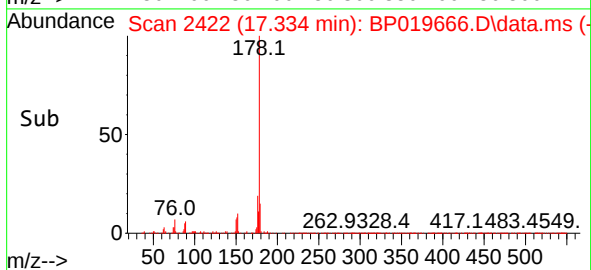
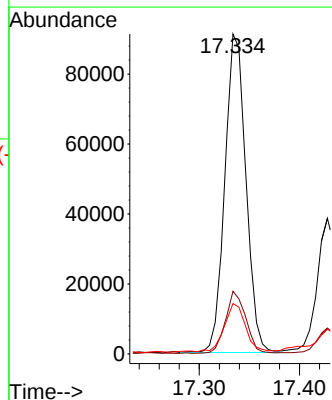
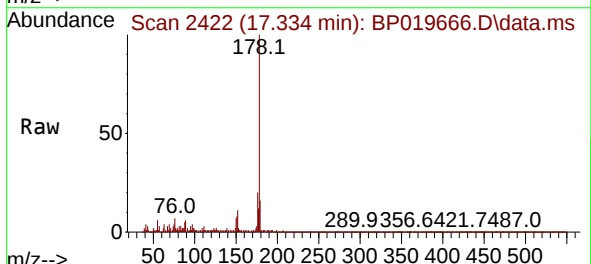
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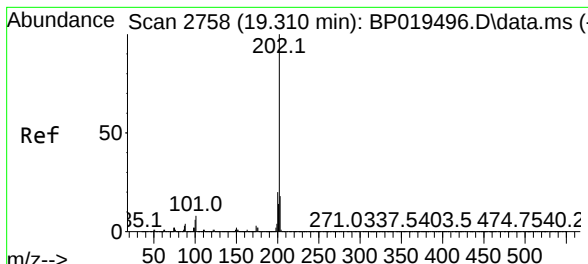
Tgt Ion:178 Resp: 133076
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.6 19.0



#72
Anthracene
Concen: 6.297 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.105 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion:178 Resp: 133076
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 15.8 12.2 18.2

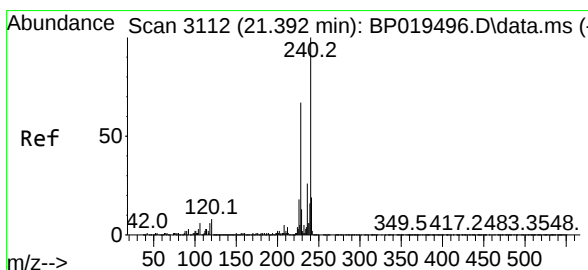
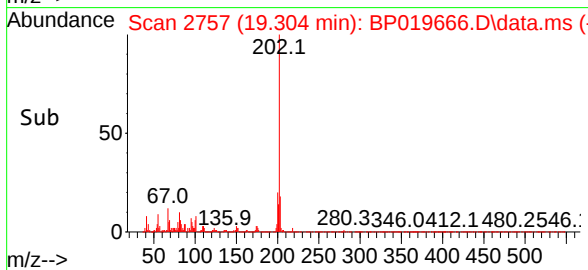
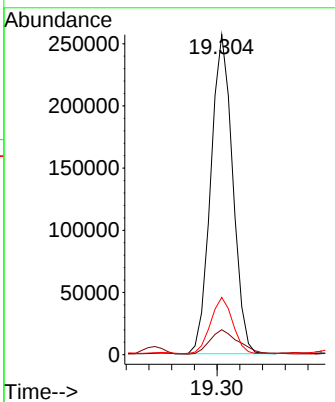
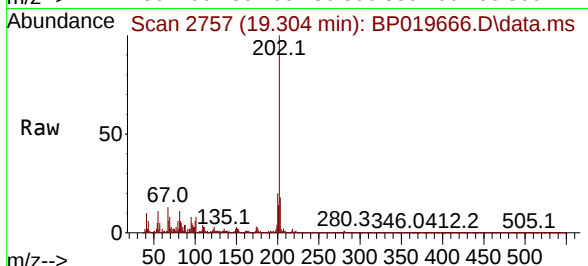




#75
 Fluoranthene
 Concen: 13.275 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP019666.D
 Acq: 12 Feb 2024 17:02

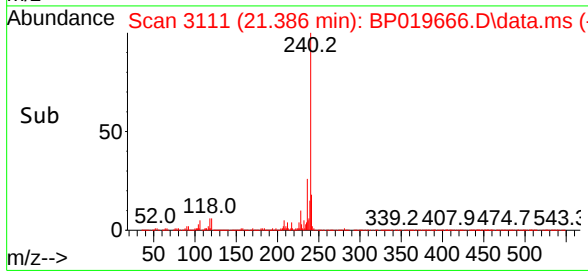
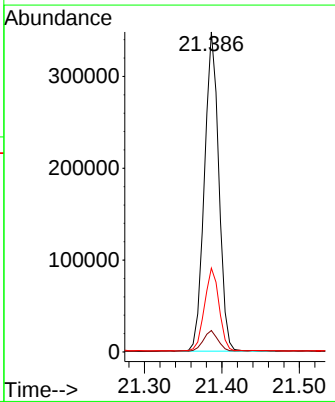
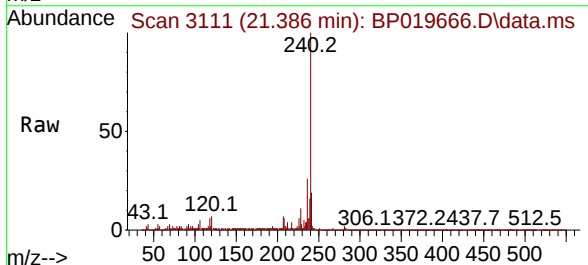
Instrument :
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 EO-01-020824

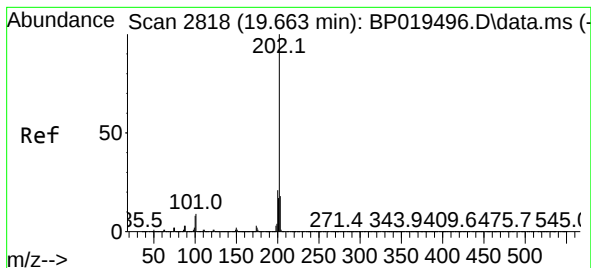
Tgt Ion:	202	Resp:	343582
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	17.9	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.005 min
 Lab File: BP019666.D
 Acq: 12 Feb 2024 17:02

Tgt Ion:	240	Resp:	448118
Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	26.2	20.7	31.1





#78

Pyrene

Concen: 11.397 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.005 min

Lab File: BP019666.D

Acq: 12 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

EO-01-020824

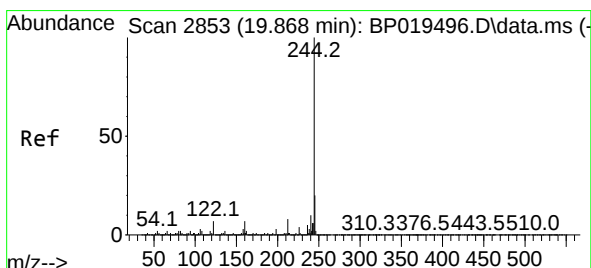
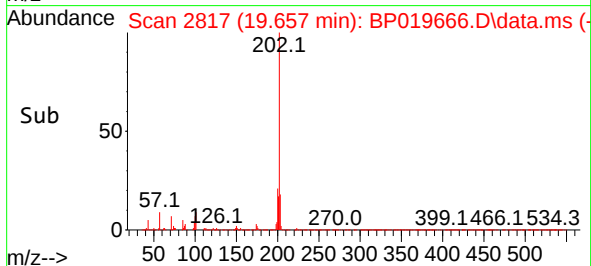
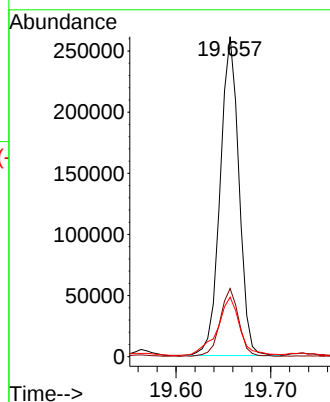
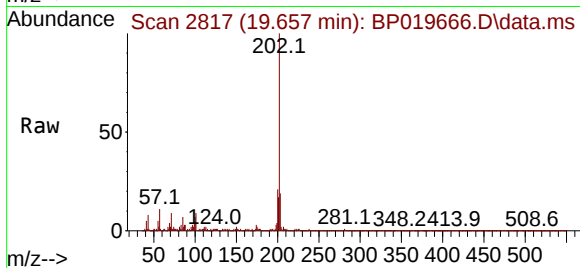
Tgt Ion:202 Resp: 360454

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 18.6 14.2 21.2



#79

Terphenyl-d14

Concen: 24.018 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.005 min

Lab File: BP019666.D

Acq: 12 Feb 2024 17:02

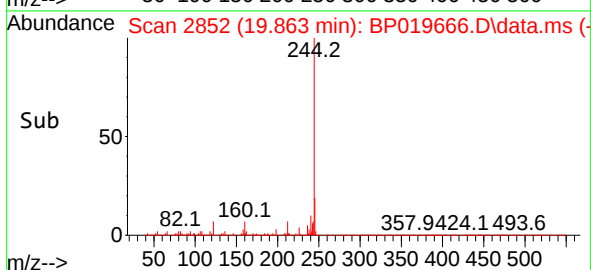
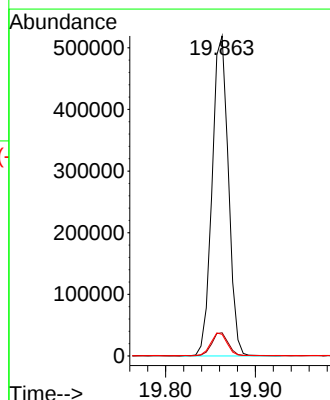
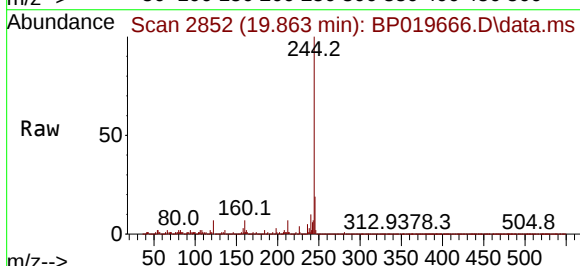
Tgt Ion:244 Resp: 654463

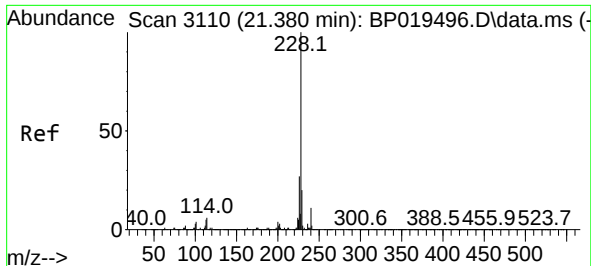
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.7 5.9 8.9

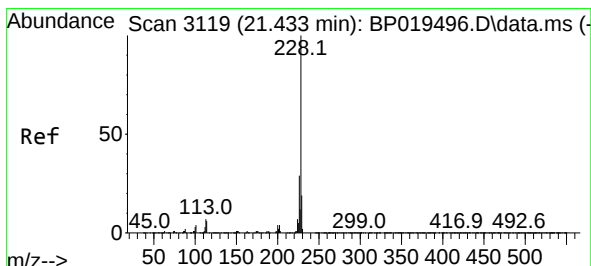
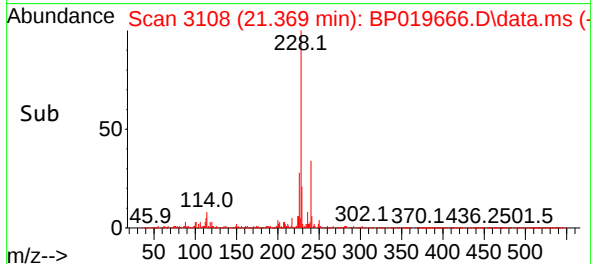
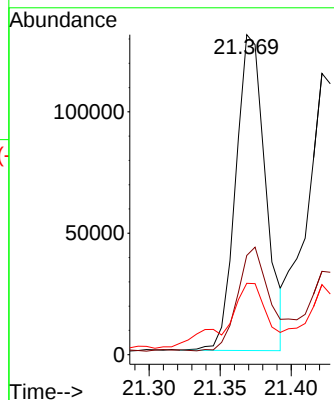
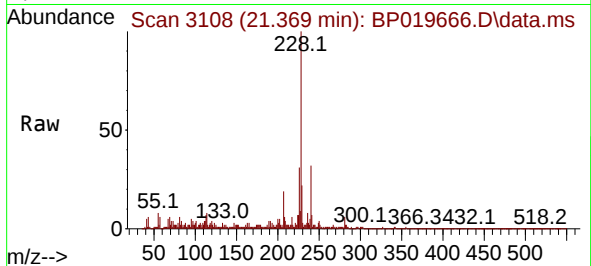




#81
Benzo(a)anthracene
Concen: 6.019 ng
RT: 21.369 min Scan# 3110
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

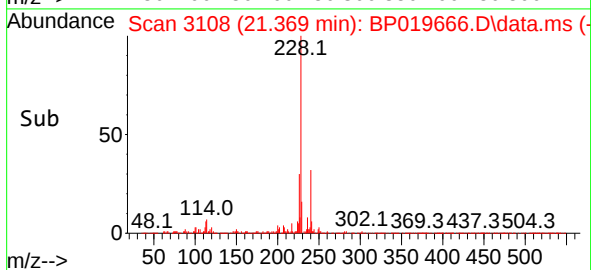
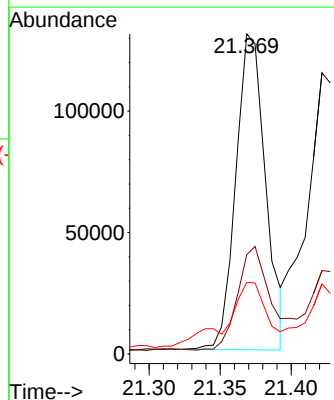
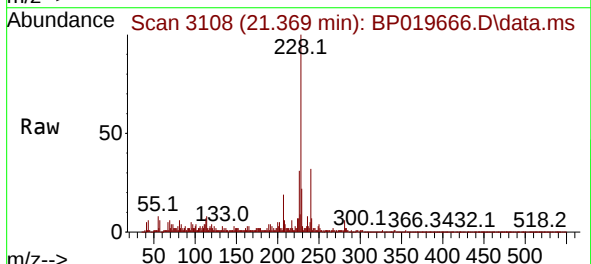
Instrument :
BNA_P
ClientSampleId :
EO-01-020824

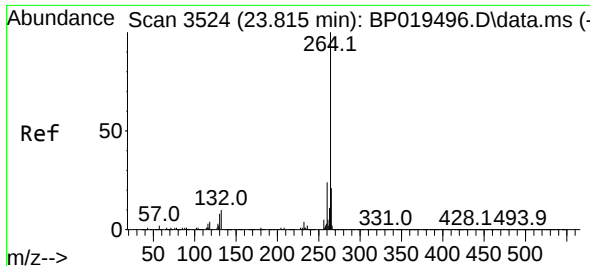
Tgt Ion:228 Resp: 189876
Ion Ratio Lower Upper
228 100
226 31.0 21.7 32.5
229 22.3 15.6 23.4



#83
Chrysene
Concen: 6.340 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.064 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion:228 Resp: 189876
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 22.3 15.6 23.4

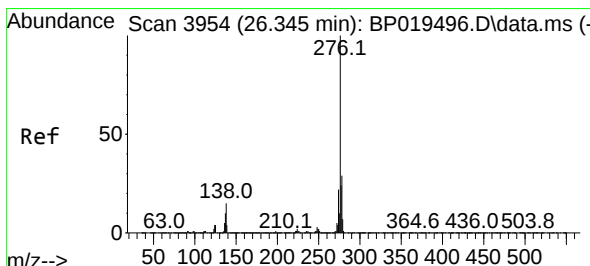
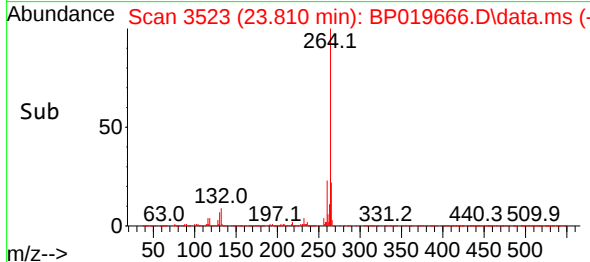
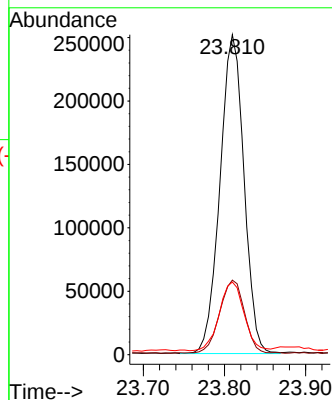
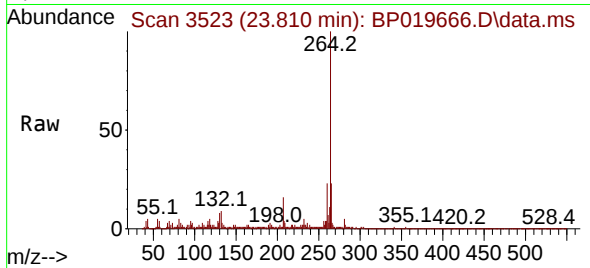




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 31
Delta R.T. -0.005 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

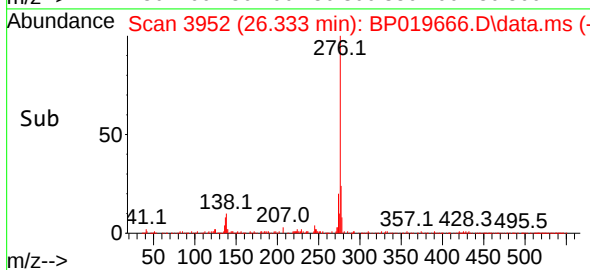
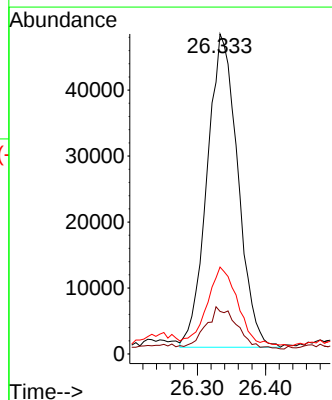
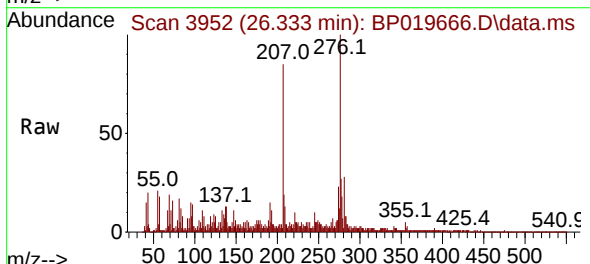
Instrument :
BNA_P
ClientSampleId :
EO-01-020824

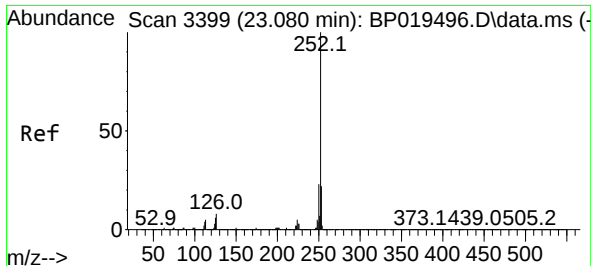
Tgt Ion:264 Resp: 516760
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 22.7 17.0 25.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.765 ng
RT: 26.333 min Scan# 3952
Delta R.T. -0.011 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion:276 Resp: 148938
Ion Ratio Lower Upper
276 100
138 13.8 13.1 19.7
277 25.2 20.3 30.5

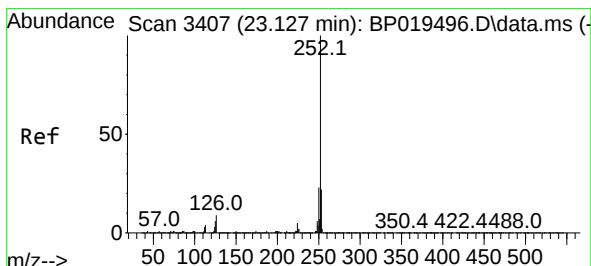
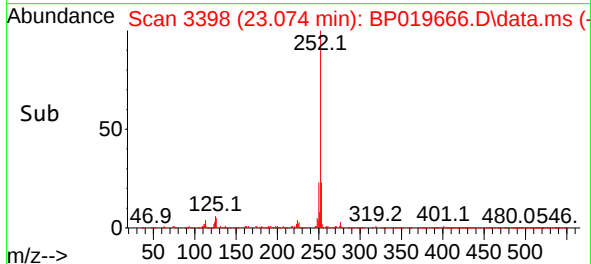
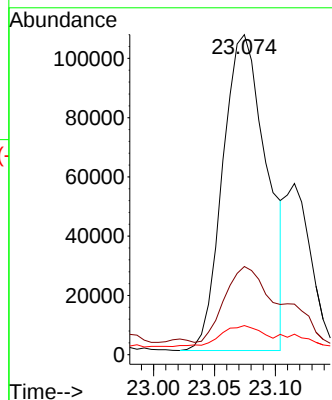
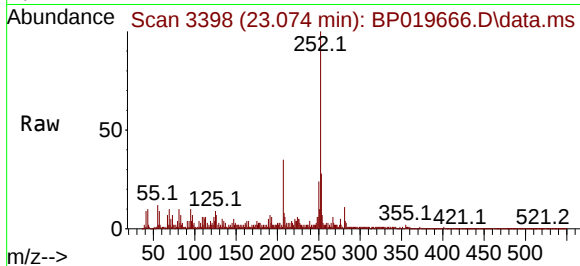




#88
Benzo(b)fluoranthene
Concen: 8.251 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.005 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

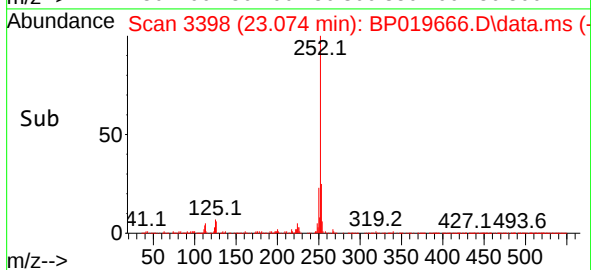
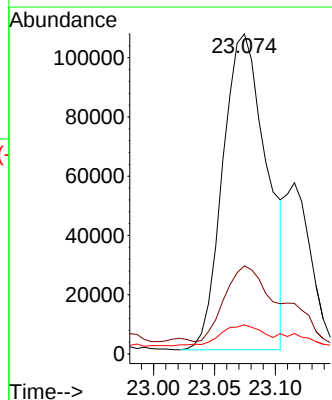
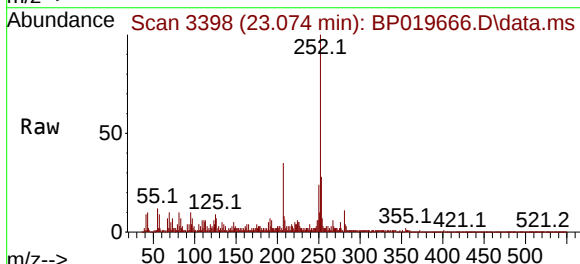
Instrument :
BNA_P
ClientSampleId :
EO-01-020824

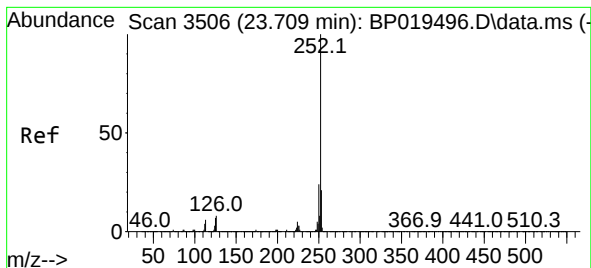
Tgt Ion:252 Resp: 268741
Ion Ratio Lower Upper
252 100
253 27.6 17.3 25.9#
125 9.1 4.9 7.3#



#89
Benzo(k)fluoranthene
Concen: 8.638 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.053 min
Lab File: BP019666.D
Acq: 12 Feb 2024 17:02

Tgt Ion:252 Resp: 268741
Ion Ratio Lower Upper
252 100
253 27.6 17.1 25.7#
125 9.1 5.0 7.6#





#90

Benzo(a)pyrene

Concen: 7.133 ng

RT: 23.698 min Scan# 3506

Delta R.T. -0.011 min

Lab File: BP019666.D

Acq: 12 Feb 2024 17:02

Instrument :

BNA_P

ClientSampleId :

EO-01-020824

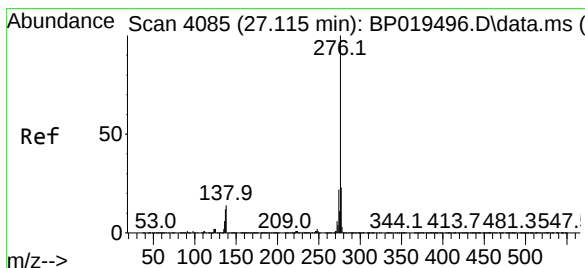
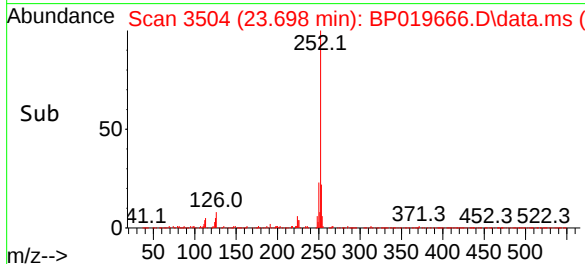
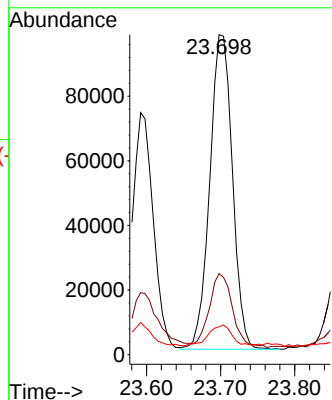
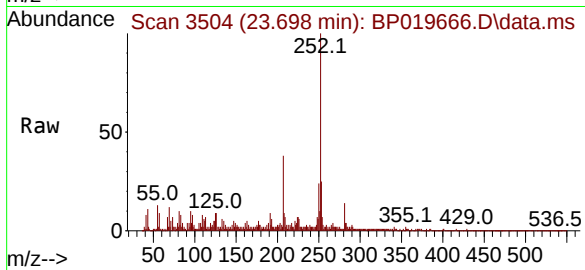
Tgt Ion:252 Resp: 206721

Ion Ratio Lower Upper

252 100

253 25.4 17.1 25.7

125 8.7 5.6 8.4#



#92

Benzo(g,h,i)perylene

Concen: 4.931 ng

RT: 27.110 min Scan# 4084

Delta R.T. -0.005 min

Lab File: BP019666.D

Acq: 12 Feb 2024 17:02

Tgt Ion:276 Resp: 162735

Ion Ratio Lower Upper

276 100

277 24.9 18.6 28.0

138 15.1 10.9 16.3

