

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
 Data File : BM047341.D
 Acq On : 23 Aug 2024 20:07
 Operator : RC/JU
 Sample : P3714-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-08222024

Quant Time: Aug 24 00:42:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

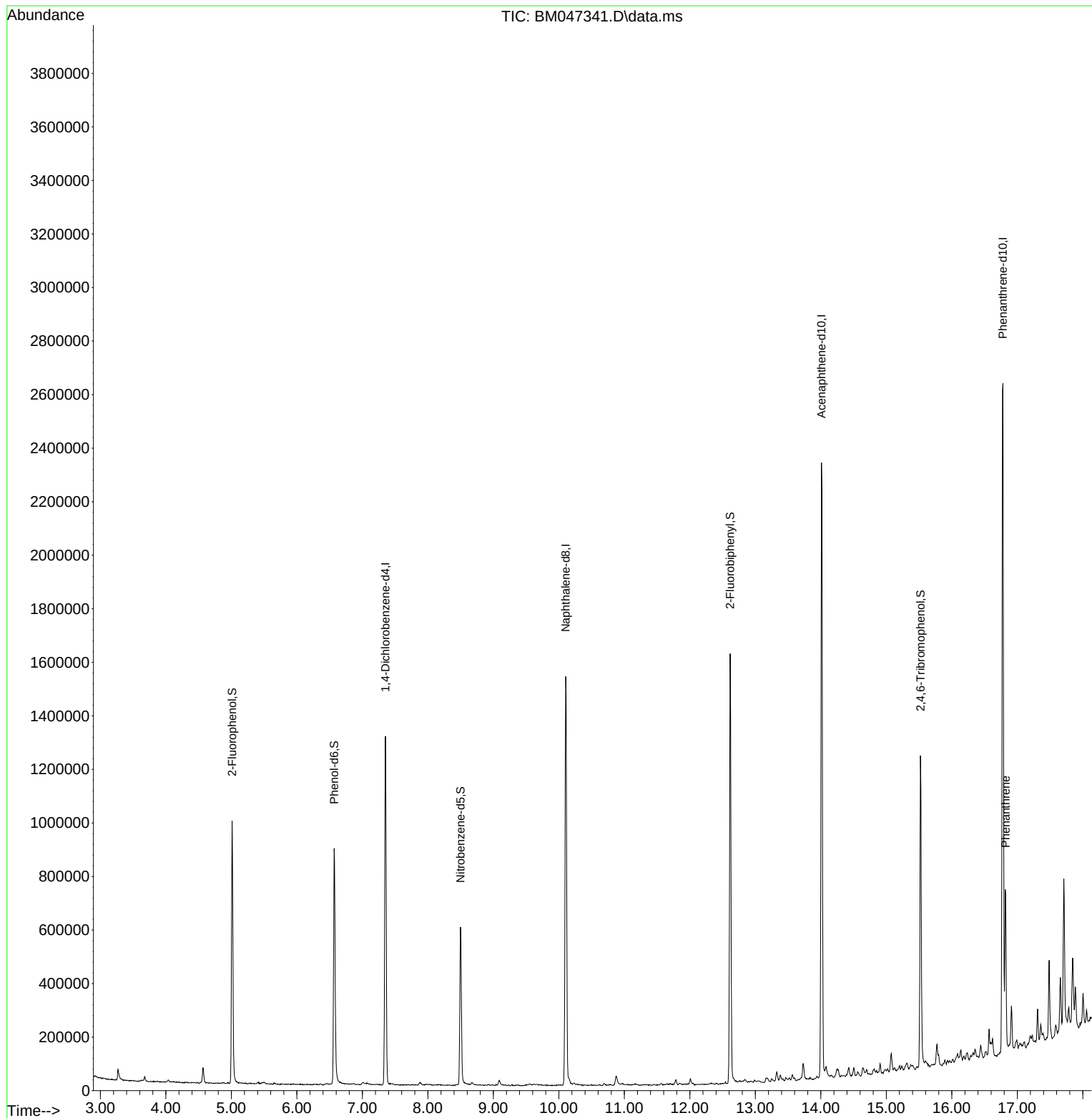
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	362100	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1313411	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	856632	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1635051	20.000	ng	-0.01
76) Chrysene-d12	21.015	240	1049488	20.000	ng	-0.02
86) Perylene-d12	23.715	264	1177115	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	443200	21.870	ng	-0.01
7) Phenol-d6	6.569	99	557394	19.962	ng	-0.02
23) Nitrobenzene-d5	8.498	82	365381	14.008	ng	-0.02
42) 2,4,6-Tribromophenol	15.522	330	225460	22.699	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	892960	16.079	ng	-0.03
79) Terphenyl-d14	19.445	244	1071905	21.885	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	617	Below Cal	#	28
71) Phenanthrene	16.821	178	372741	4.542	ng	100
75) Fluoranthene	18.857	202	498993	5.000	ng	99
78) Pyrene	19.221	202	563751	7.523	ng	99
81) Benzo(a)anthracene	21.003	228	226710	3.254	ng	93
83) Chrysene	21.003	228	226710	3.430	ng	97
87) Indeno(1,2,3-cd)pyrene	26.709	276	159947	2.102	ng	95
88) Benzo(b)fluoranthene	22.874	252	276639	3.957	ng	# 84
89) Benzo(k)fluoranthene	22.874	252	276639	4.190	ng	# 84
90) Benzo(a)pyrene	23.592	252	217129	3.586	ng	# 91
92) Benzo(g,h,i)perylene	27.638	276	160661	2.513	ng	# 91

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

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Instrument :
BNA_M
ClientSampleId :
EO-01-08222024

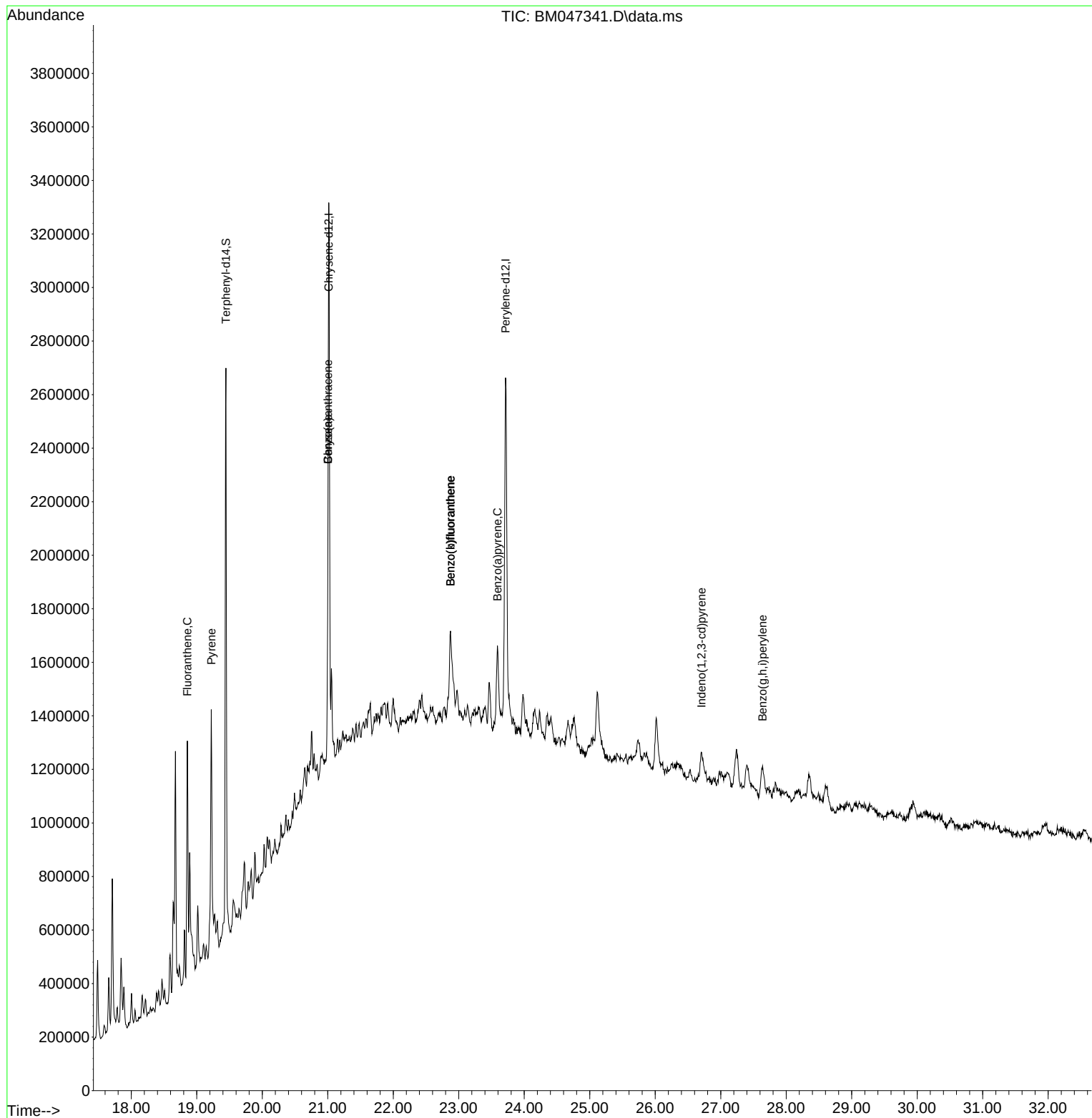
Quant Time: Aug 24 00:42:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

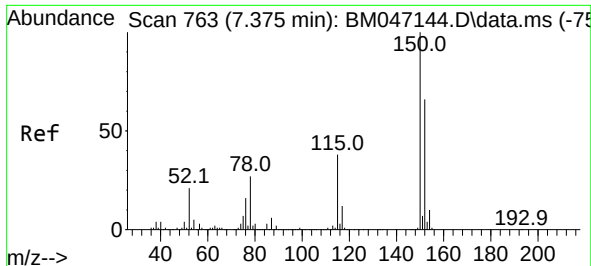


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
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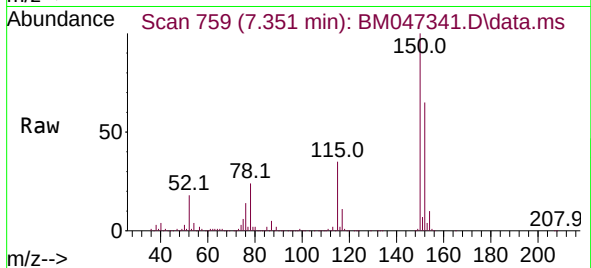
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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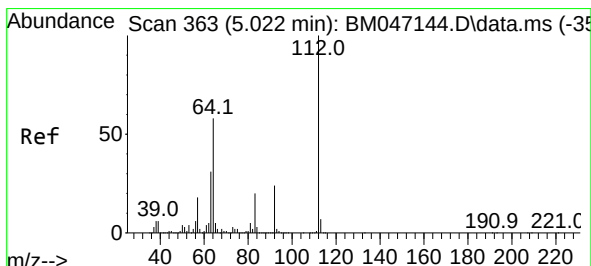
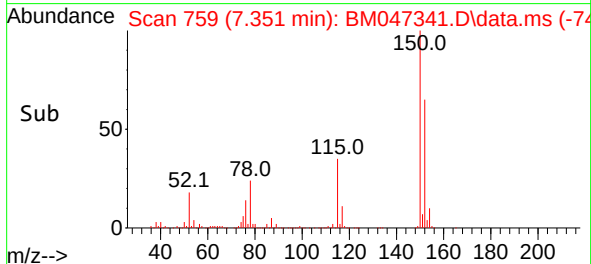
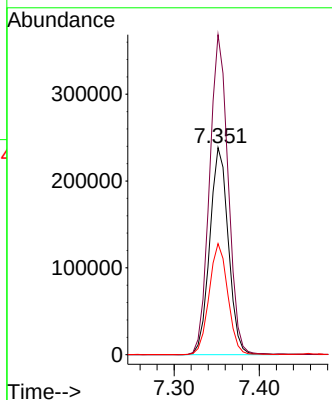


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 763
Delta R.T. -0.024 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

Instrument :
BNA_M
ClientSampleId :
EO-01-08222024

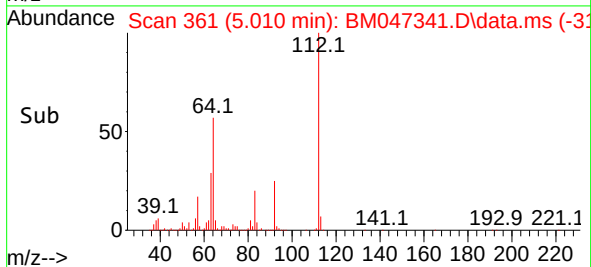
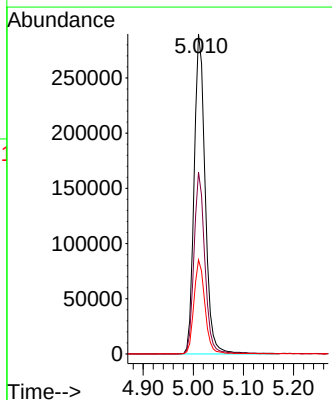
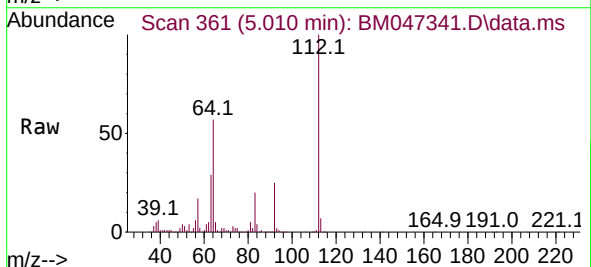


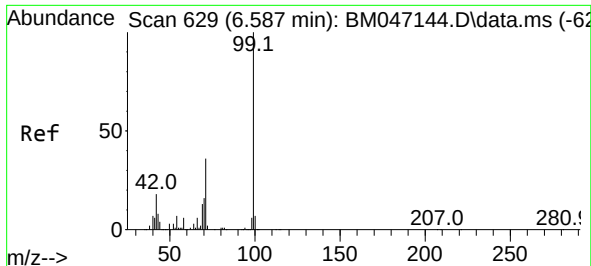
Tgt Ion:152 Resp: 362100
Ion Ratio Lower Upper
152 100
150 154.6 120.5 180.7
115 53.7 45.5 68.3



#5
2-Fluorophenol
Concen: 21.870 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

Tgt Ion:112 Resp: 443200
Ion Ratio Lower Upper
112 100
64 56.9 46.7 70.1
63 29.4 24.8 37.2

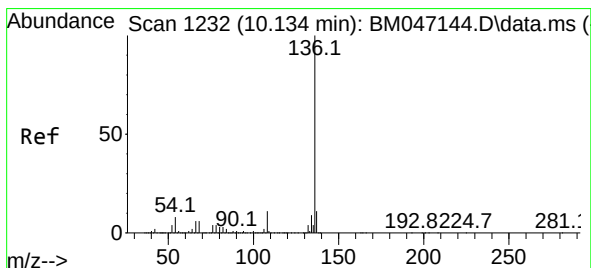
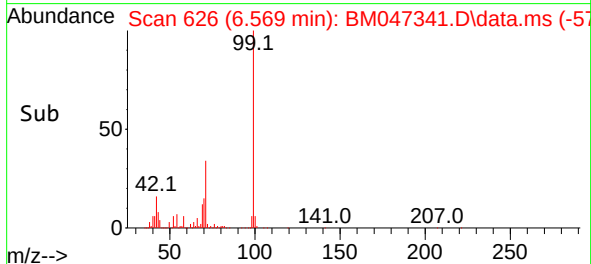
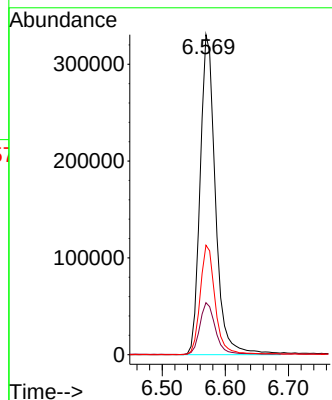
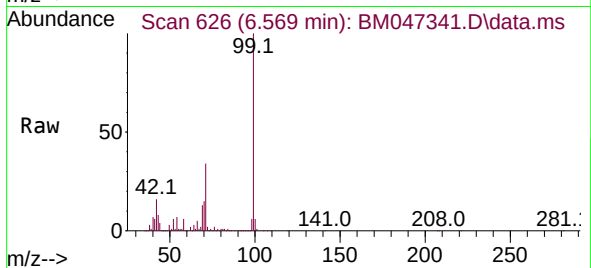




#7
Phenol-d6
Concen: 19.962 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

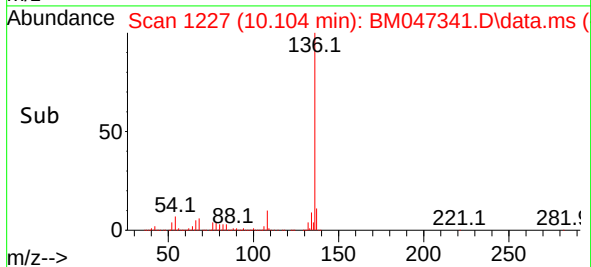
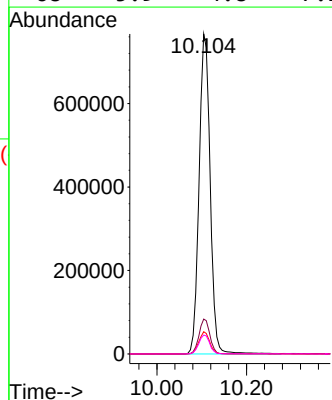
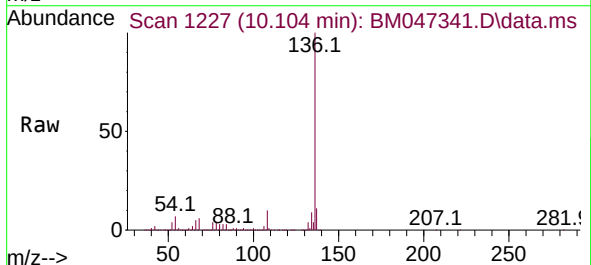
Instrument :
BNA_M
ClientSampleId :
EO-01-08222024

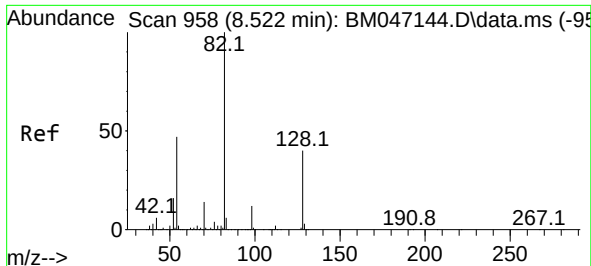
Tgt Ion: 99 Resp: 557394
Ion Ratio Lower Upper
99 100
42 16.3 14.1 21.1
71 34.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.029 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

Tgt Ion: 136 Resp: 1313411
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 6.0 9.0
68 5.9 4.8 7.2

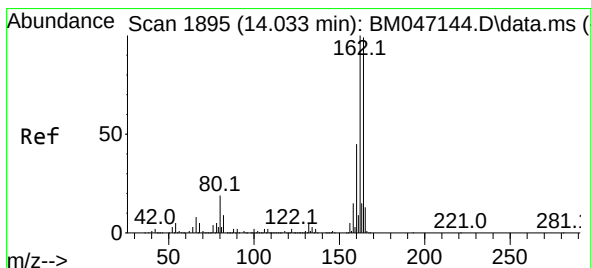
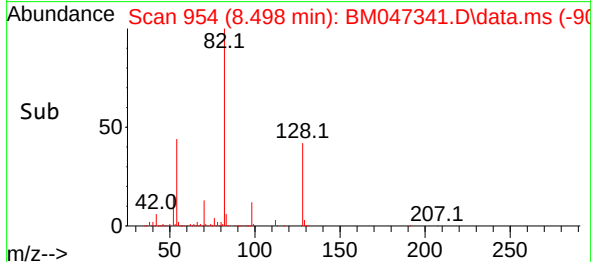
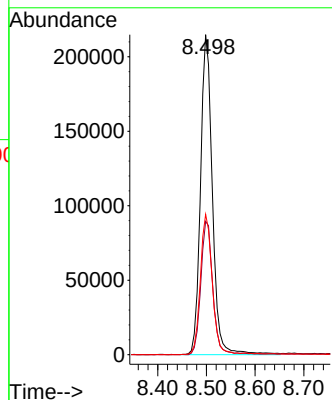
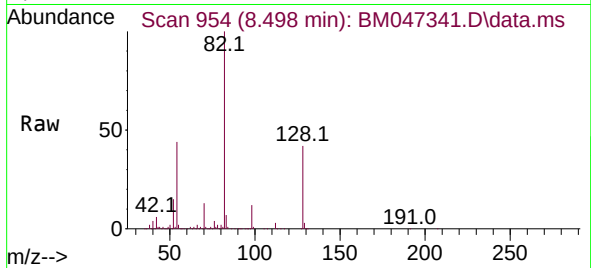




#23
Nitrobenzene-d5
Concen: 14.008 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

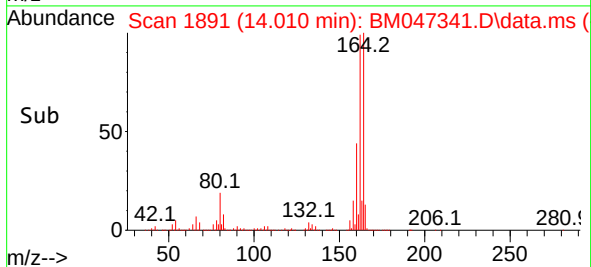
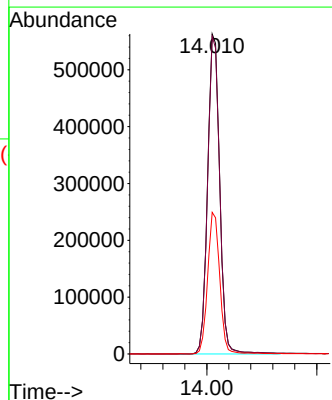
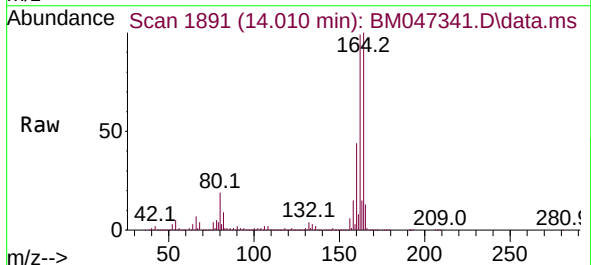
Instrument :
BNA_M
ClientSampleId :
EO-01-08222024

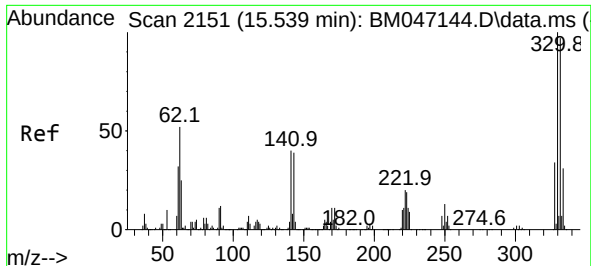
Tgt Ion: 82 Resp: 365381
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 43.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

Tgt Ion: 164 Resp: 856632
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 44.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 22.699 ng

RT: 15.522 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

Instrument :

BNA_M

ClientSampleId :

EO-01-08222024

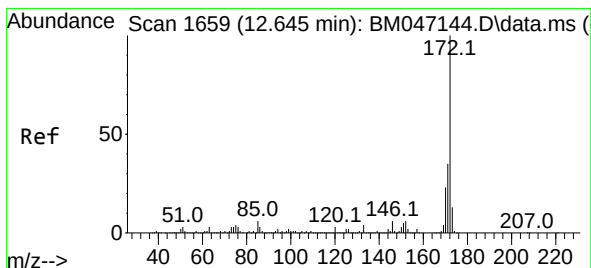
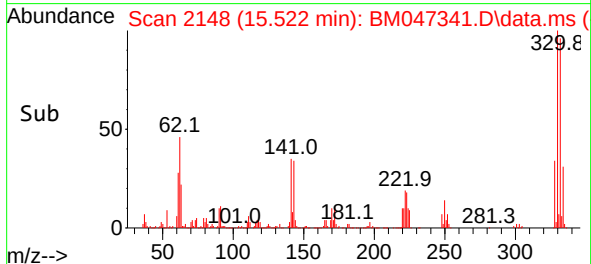
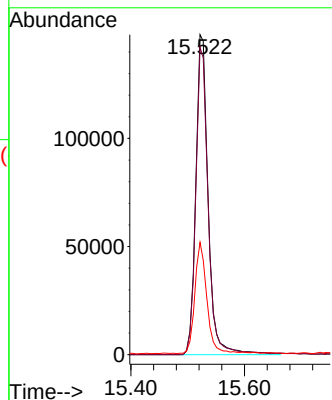
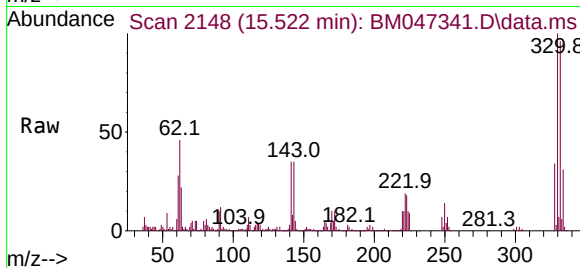
Tgt Ion:330 Resp: 225460

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

141 33.8 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 16.079 ng

RT: 12.616 min Scan# 1654

Delta R.T. -0.029 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

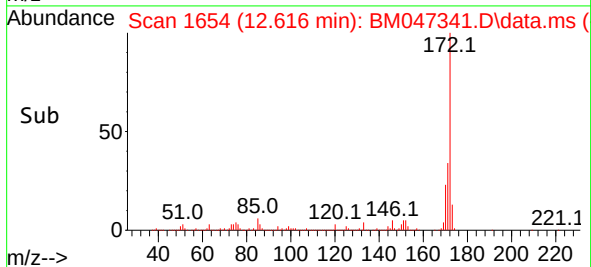
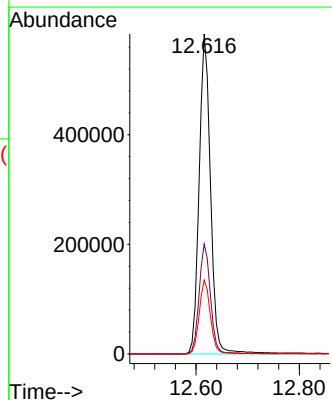
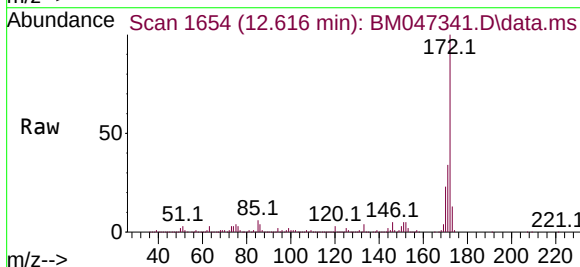
Tgt Ion:172 Resp: 892960

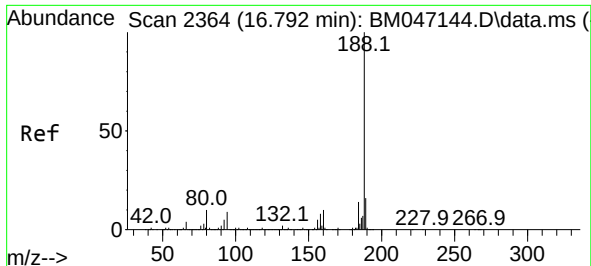
Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

170 23.1 18.7 28.1

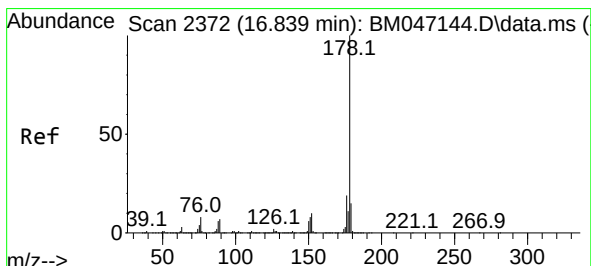
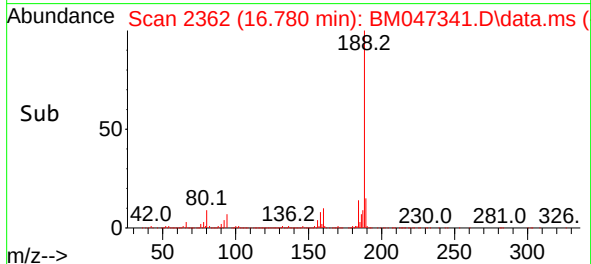
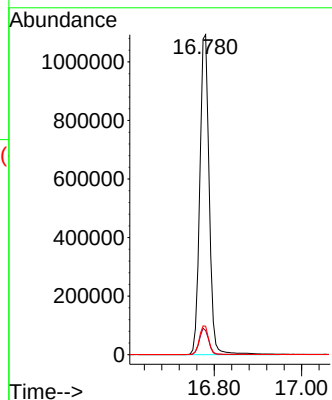
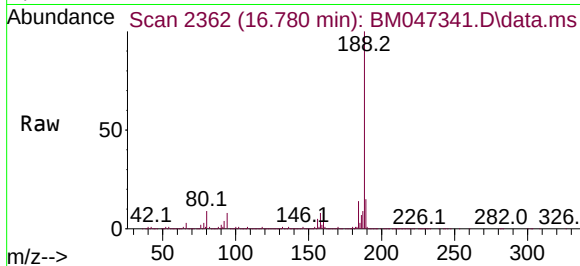




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

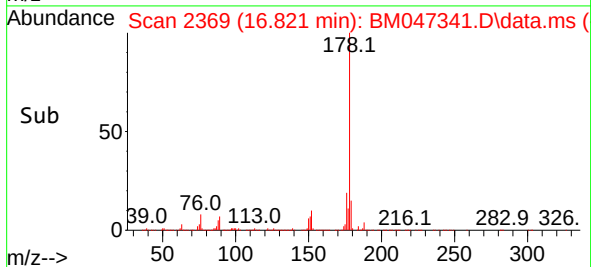
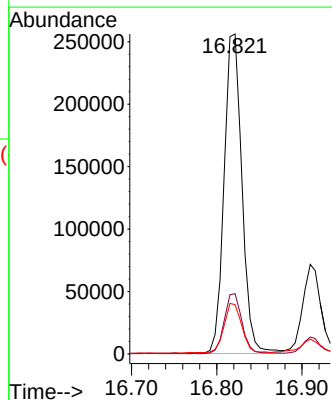
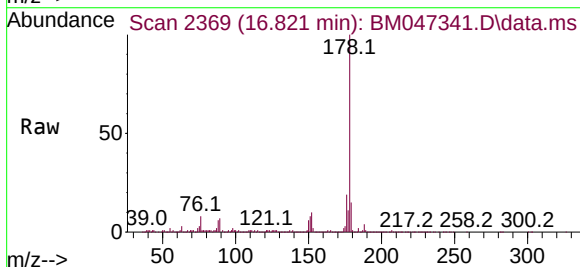
Instrument :
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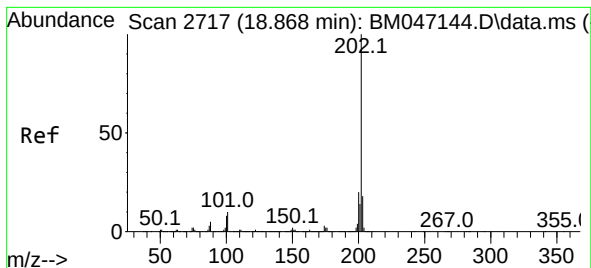
Tgt Ion:188 Resp: 1635051
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.9 8.0 12.0



#71
Phenanthrene
Concen: 4.542 ng
RT: 16.821 min Scan# 2369
Delta R.T. -0.018 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

Tgt Ion:178 Resp: 372741
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.4 18.6

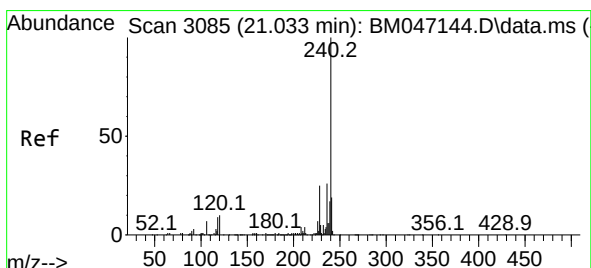
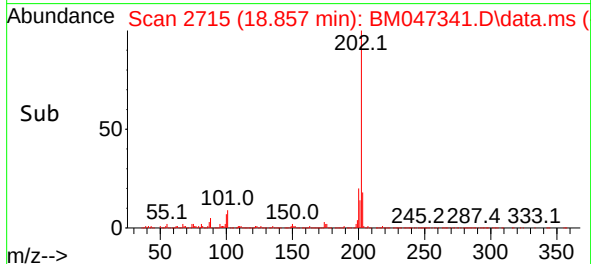
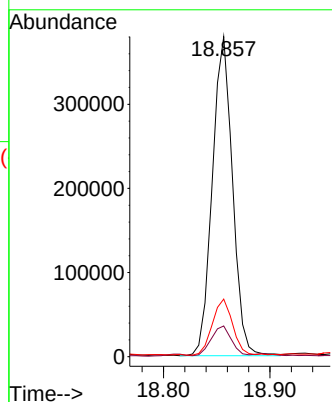
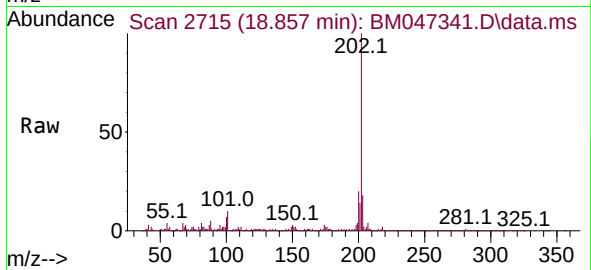




#75
Fluoranthene
Concen: 5.000 ng
RT: 18.857 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

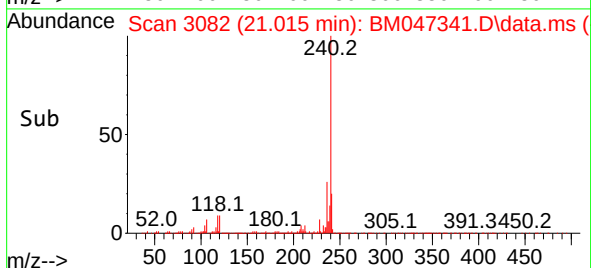
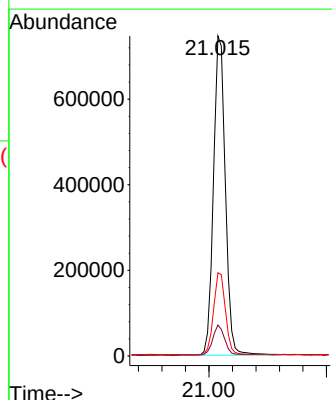
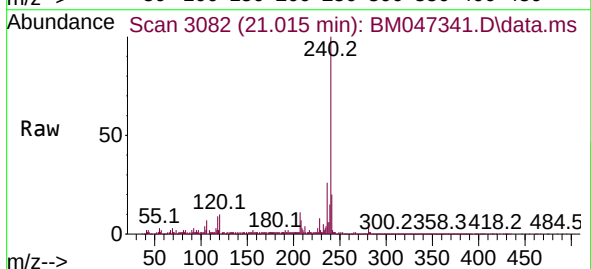
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BNA_M
ClientSampleId :
EO-01-08222024

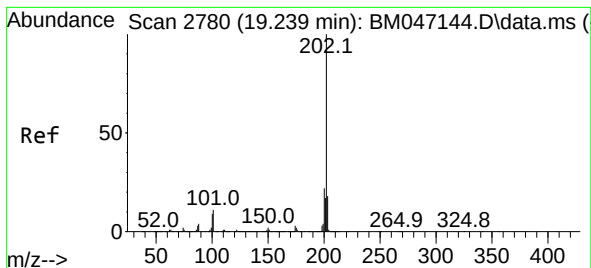
Tgt Ion:202 Resp: 498993
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

Tgt Ion:240 Resp: 1049488
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 26.0 20.6 30.8





#78

Pyrene

Concen: 7.523 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

Instrument :

BNA_M

ClientSampleId :

EO-01-08222024

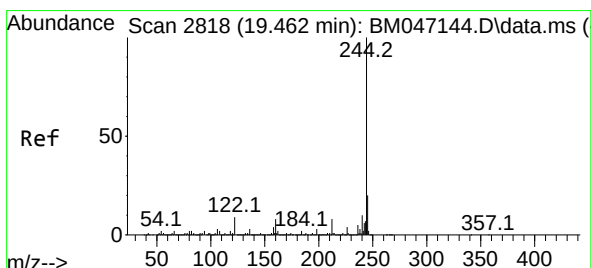
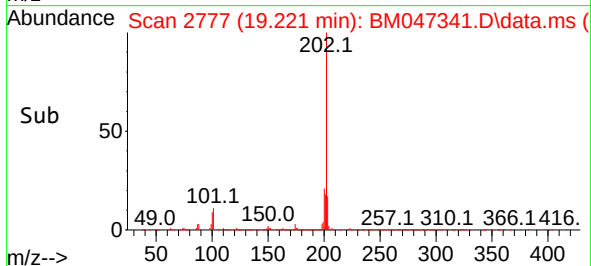
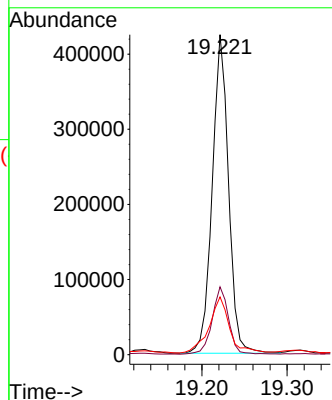
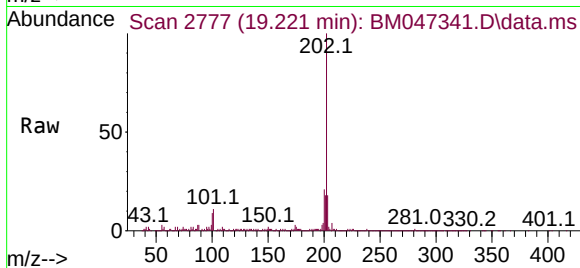
Tgt Ion:202 Resp: 563751

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 18.0 14.2 21.2



#79

Terphenyl-d14

Concen: 21.885 ng

RT: 19.445 min Scan# 2815

Delta R.T. -0.018 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

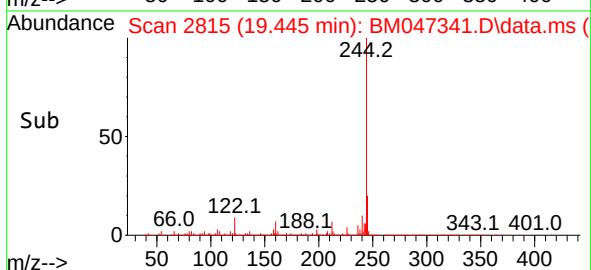
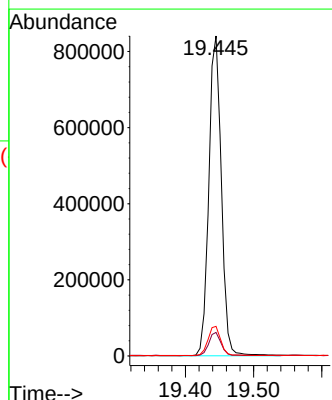
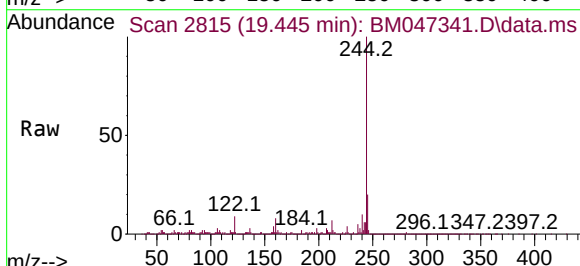
Tgt Ion:244 Resp: 1071905

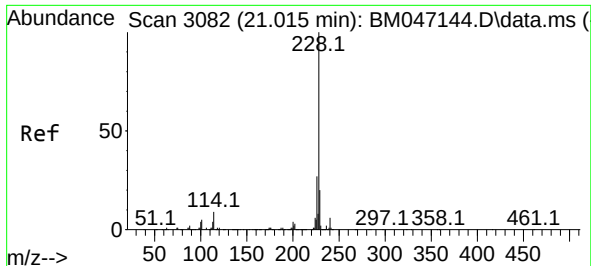
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 9.2 7.1 10.7

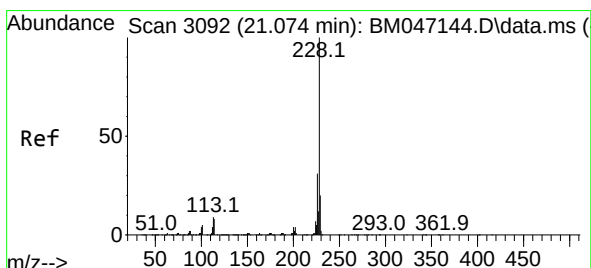
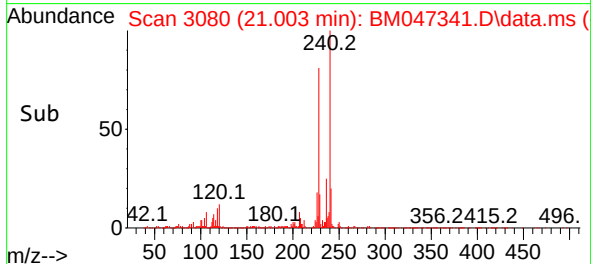
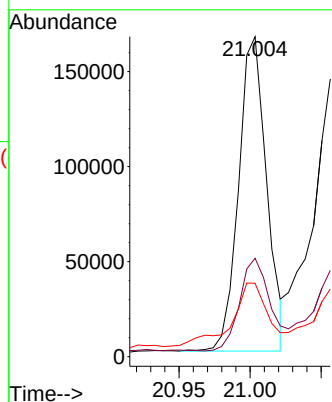
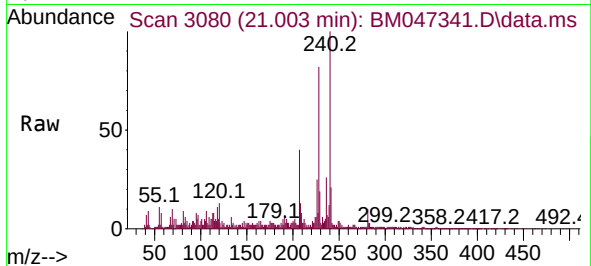




#81
Benzo(a)anthracene
Concen: 3.254 ng
RT: 21.003 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

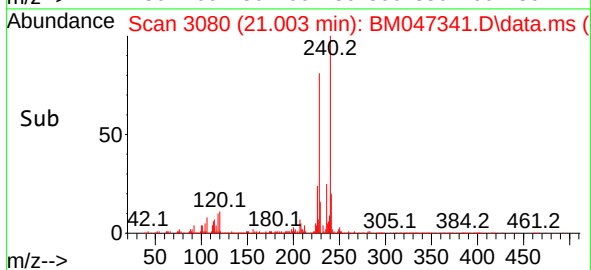
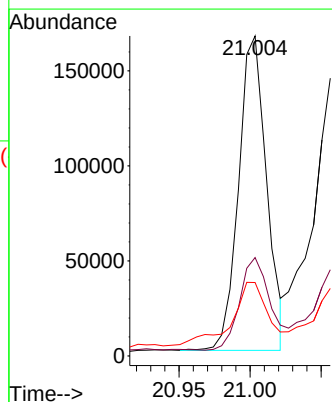
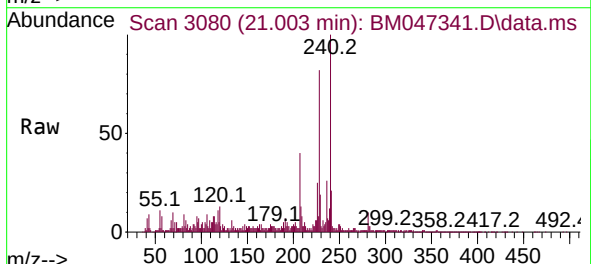
Instrument :
BNA_M
ClientSampleId :
EO-01-08222024

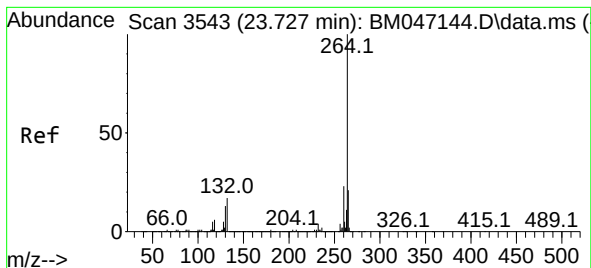
Tgt Ion:228 Resp: 226710
Ion Ratio Lower Upper
228 100
226 30.8 21.8 32.6
229 22.9 15.8 23.8



#83
Chrysene
Concen: 3.430 ng
RT: 21.003 min Scan# 3080
Delta R.T. -0.071 min
Lab File: BM047341.D
Acq: 23 Aug 2024 20:07

Tgt Ion:228 Resp: 226710
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 22.9 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

Instrument :

BNA_M

ClientSampleId :

EO-01-08222024

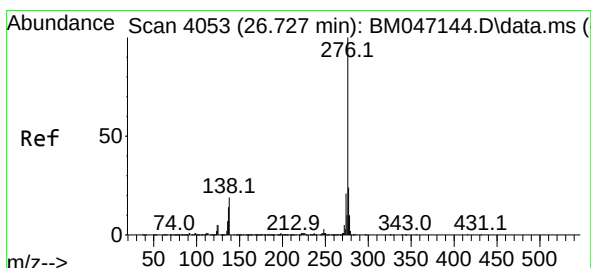
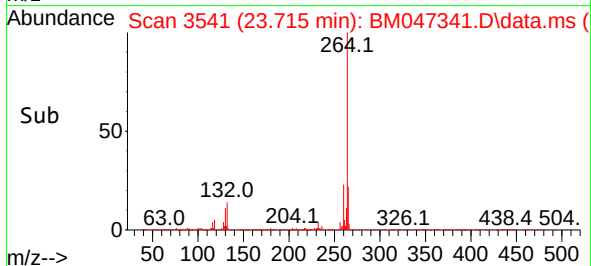
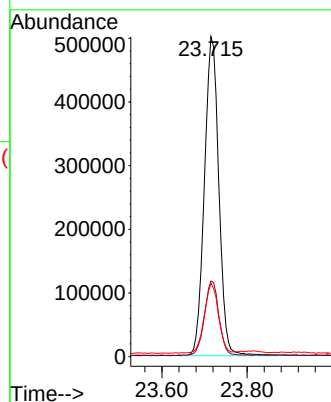
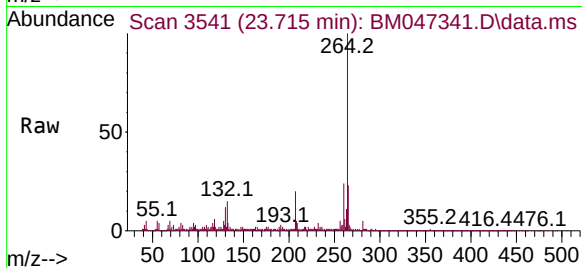
Tgt Ion:264 Resp: 1177115

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 23.0 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.102 ng

RT: 26.709 min Scan# 4050

Delta R.T. -0.018 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

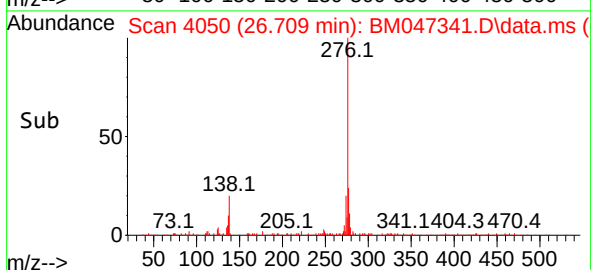
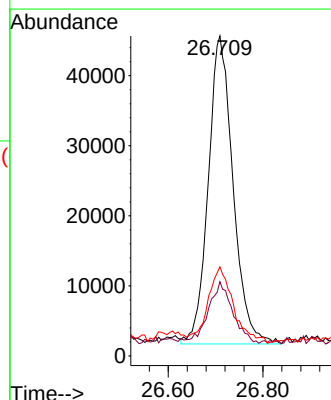
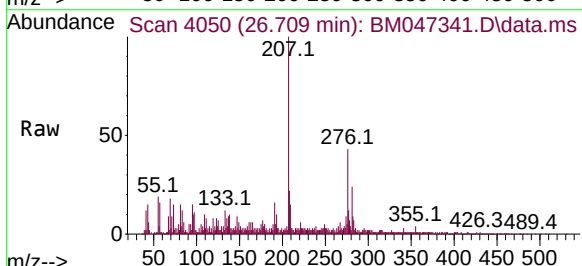
Tgt Ion:276 Resp: 159947

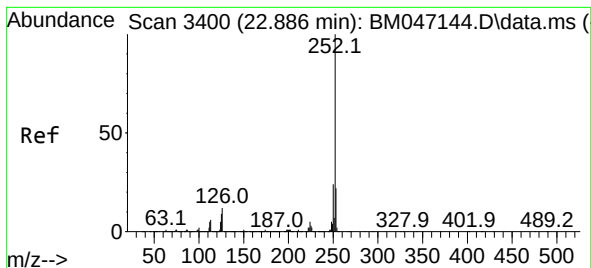
Ion Ratio Lower Upper

276 100

138 19.5 19.4 29.0

277 25.0 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 3.957 ng

RT: 22.874 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

Instrument :

BNA_M

ClientSampleId :

EO-01-08222024

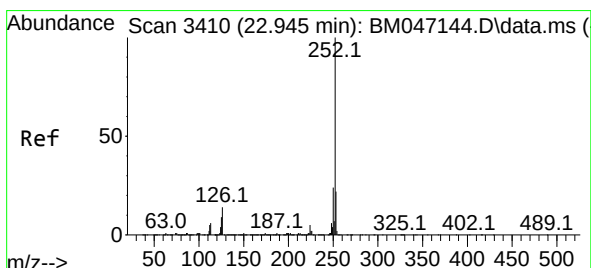
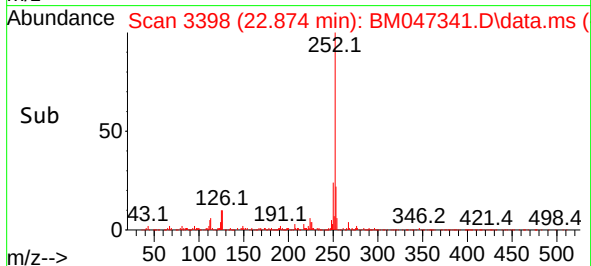
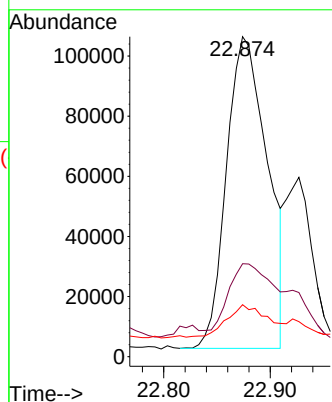
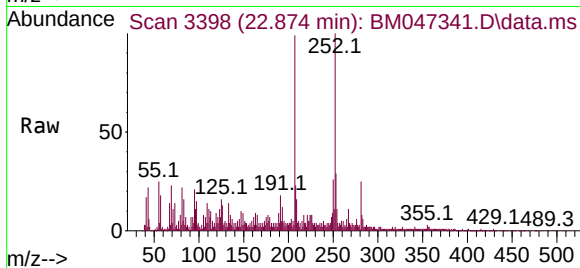
Tgt Ion:252 Resp: 276639

Ion Ratio Lower Upper

252 100

253 29.1 17.8 26.6#

125 16.2 7.4 11.0#



#89

Benzo(k)fluoranthene

Concen: 4.190 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.071 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

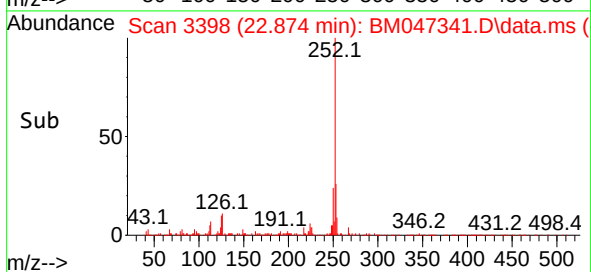
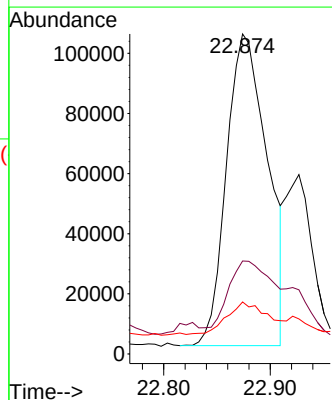
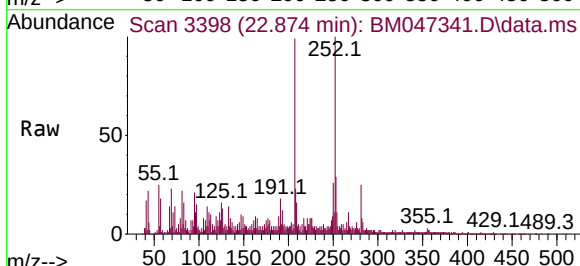
Tgt Ion:252 Resp: 276639

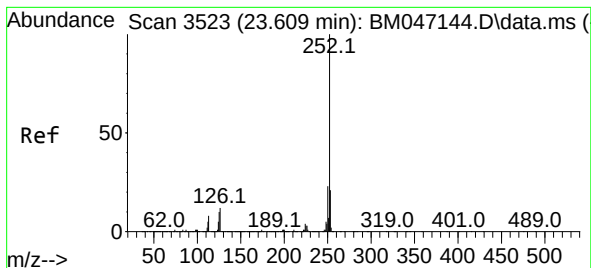
Ion Ratio Lower Upper

252 100

253 29.1 17.7 26.5#

125 16.2 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 3.586 ng

RT: 23.592 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

Instrument :

BNA_M

ClientSampleId :

EO-01-08222024

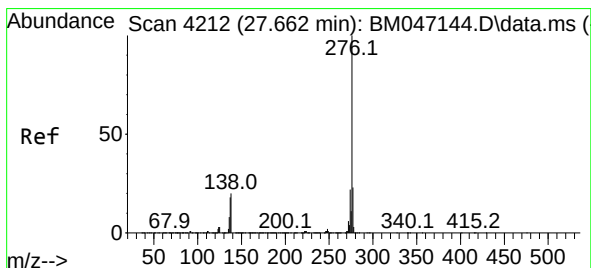
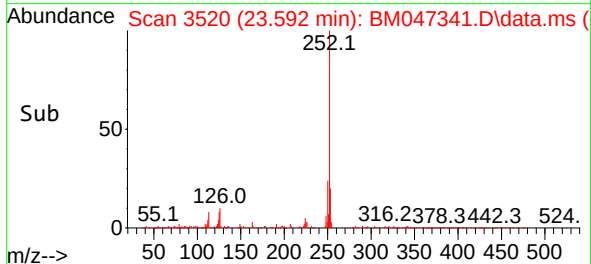
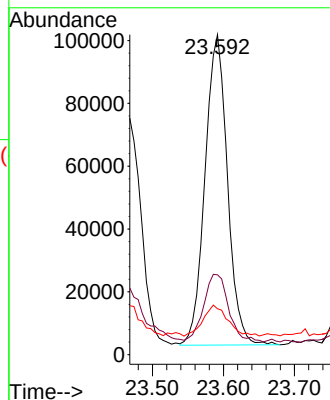
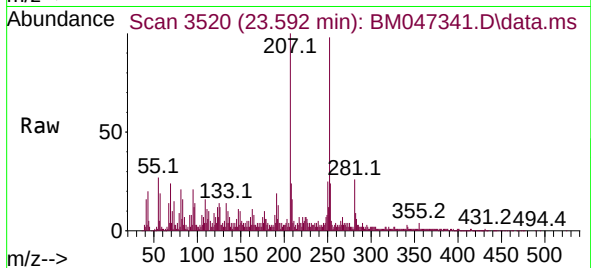
Tgt Ion:252 Resp: 217129

Ion Ratio Lower Upper

252 100

253 25.0 17.1 25.7

125 14.3 8.2 12.2#



#92

Benzo(g,h,i)perylene

Concen: 2.513 ng

RT: 27.638 min Scan# 4208

Delta R.T. -0.024 min

Lab File: BM047341.D

Acq: 23 Aug 2024 20:07

Tgt Ion:276 Resp: 160661

Ion Ratio Lower Upper

276 100

277 27.7 18.8 28.2

138 24.9 16.2 24.4#

