

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047194.D
 Acq On : 14 Aug 2024 16:50
 Operator : RC/JU
 Sample : P3519-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-16-080724

Quant Time: Aug 14 18:10:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 17:18:06 2024
 Response via : Initial Calibration

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

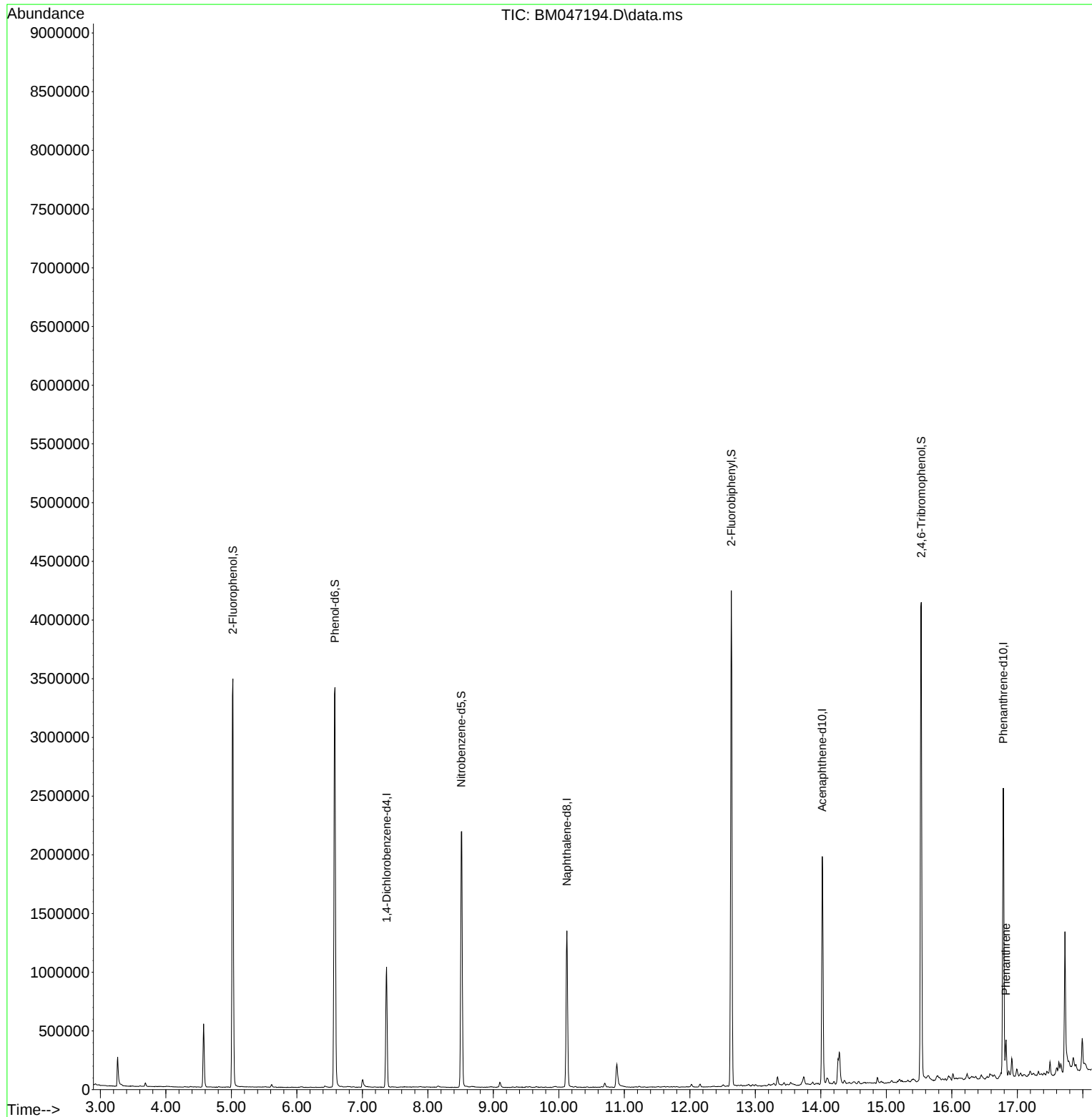
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	259965	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1035744	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	632553	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1350863	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1290797	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1280424	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1424149	97.887	ng	0.00
7) Phenol-d6	6.581	99	1899191	94.737	ng	0.00
23) Nitrobenzene-d5	8.510	82	1297410	63.074	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	649058	88.493	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2045594	49.883	ng	-0.01
79) Terphenyl-d14	19.457	244	3357239	55.731	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.827	178	170364	2.513	ng	99
75) Fluoranthene	18.862	202	513049	6.222	ng	98
78) Pyrene	19.227	202	485933	5.272	ng	99
81) Benzo(a)anthracene	21.003	228	260871	3.044	ng	96
83) Chrysene	21.062	228	274267	3.373	ng	97
88) Benzo(b)fluoranthene	22.874	252	343554	4.518	ng	# 94
90) Benzo(a)pyrene	23.586	252	219096	3.326	ng	95
92) Benzo(g,h,i)perylene	27.627	276	154533	2.222	ng	# 95

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

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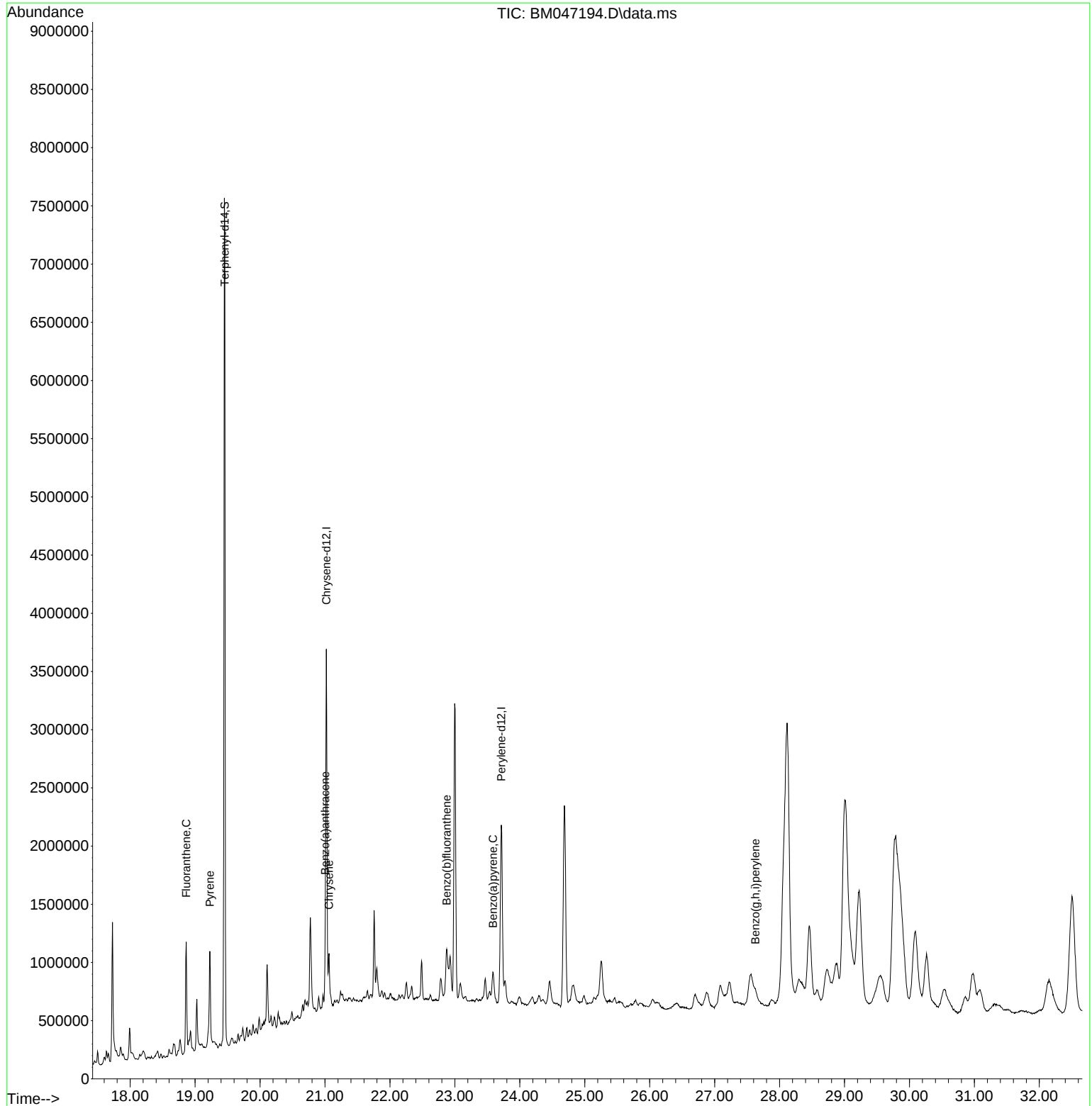
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 17:18:06 2024
Response via : Initial Calibration

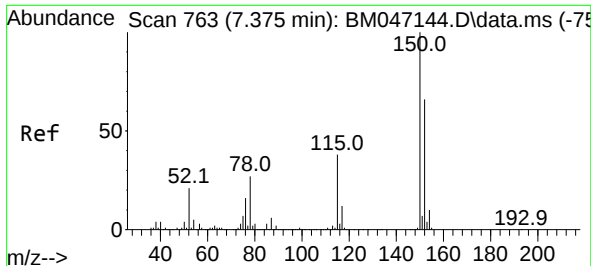


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
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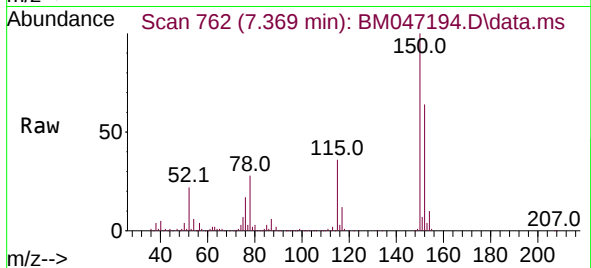
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 17:18:06 2024
Response via : Initial Calibration



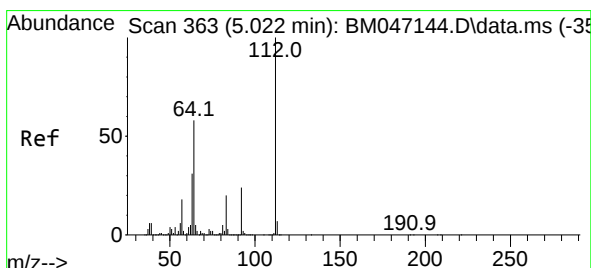
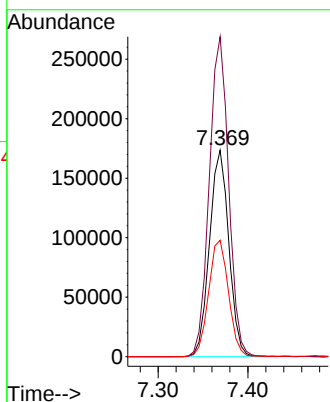
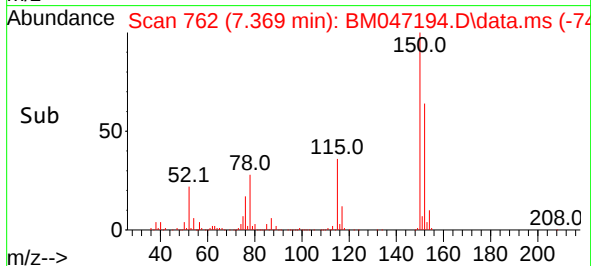


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

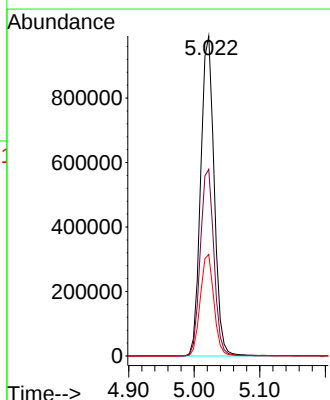
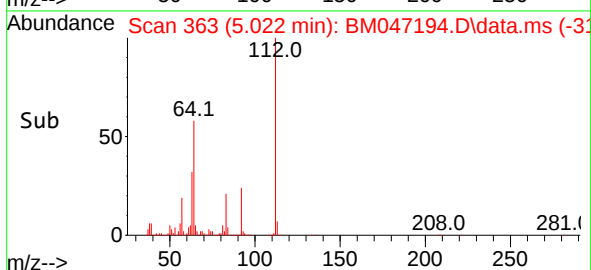
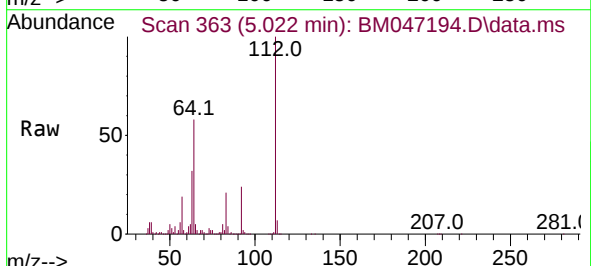


Tgt Ion:152 Resp: 259965
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 56.4 45.5 68.3



#5
2-Fluorophenol
Concen: 97.887 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:112 Resp: 1424149
Ion Ratio Lower Upper
112 100
64 58.4 46.7 70.1
63 31.7 24.8 37.2

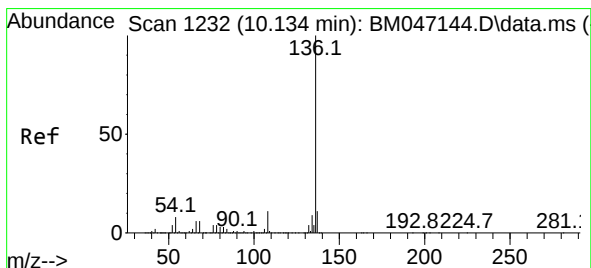
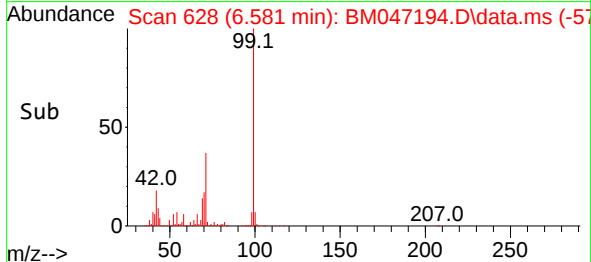
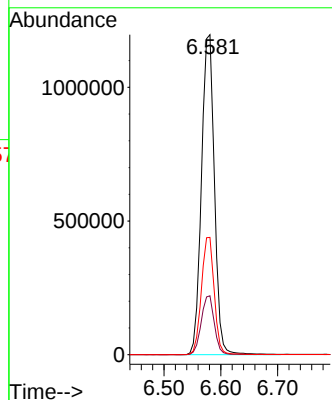
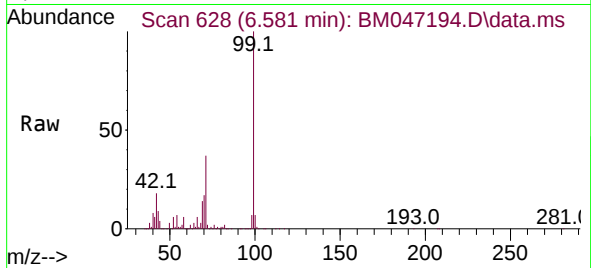




#7
Phenol-d6
Concen: 94.737 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

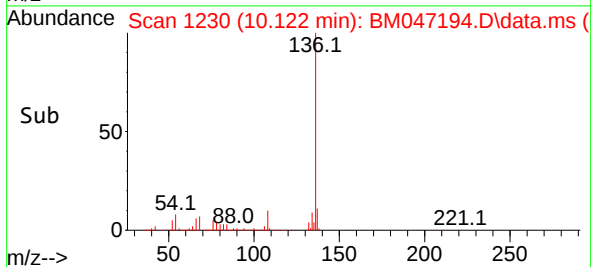
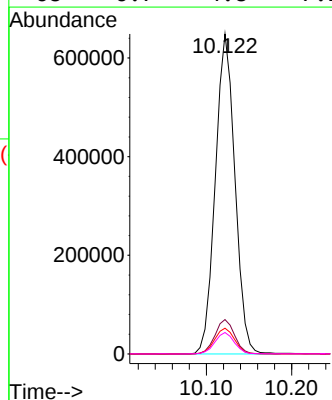
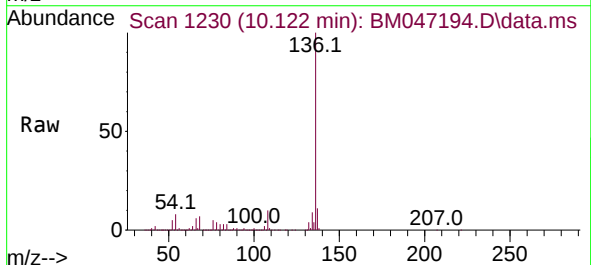
Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

Tgt Ion: 99 Resp: 1899191
Ion Ratio Lower Upper
99 100
42 18.4 14.1 21.1
71 36.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion: 136 Resp: 1035744
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 6.0 9.0
68 6.7 4.8 7.2

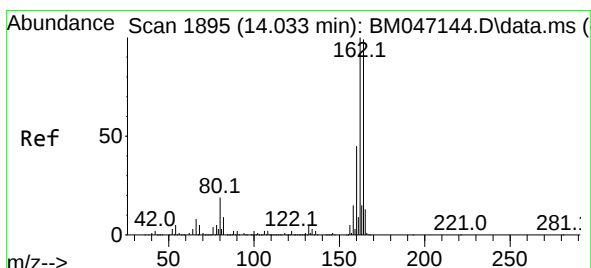
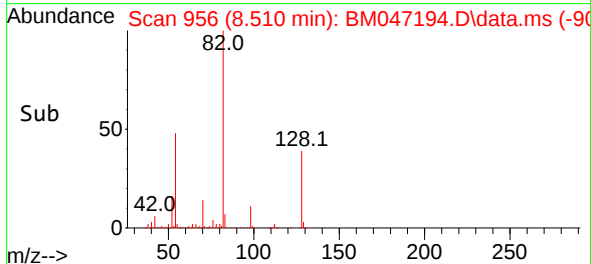
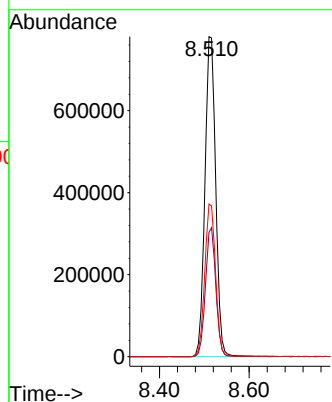
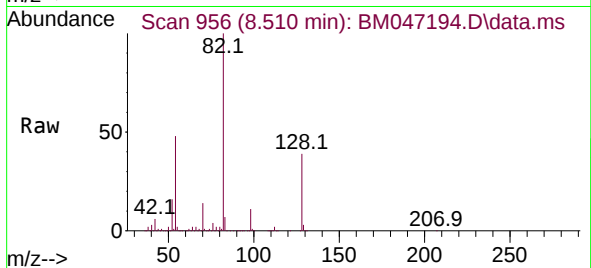




#23
Nitrobenzene-d5
Concen: 63.074 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

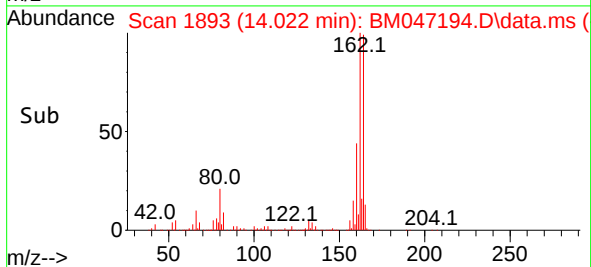
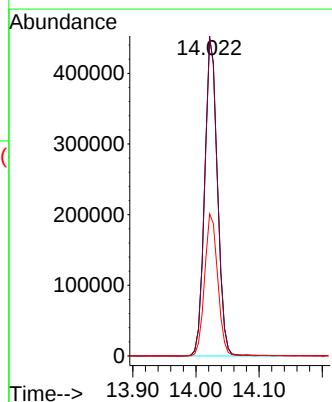
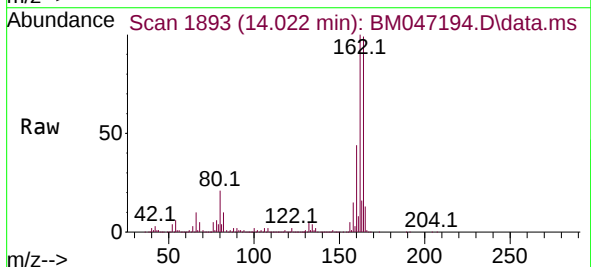
Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

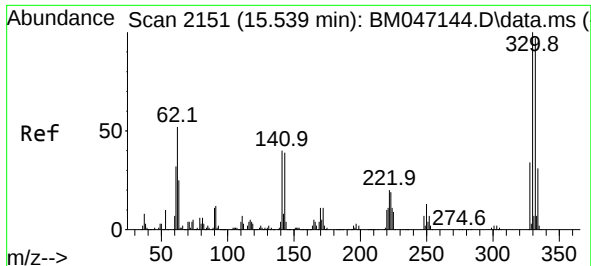
Tgt Ion: 82 Resp: 1297410
Ion Ratio Lower Upper
82 100
128 38.9 32.3 48.5
54 47.7 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:164 Resp: 632553
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 44.8 36.0 54.0

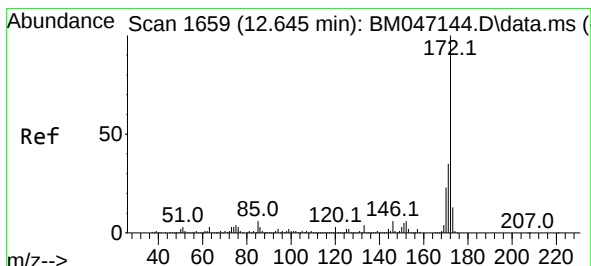
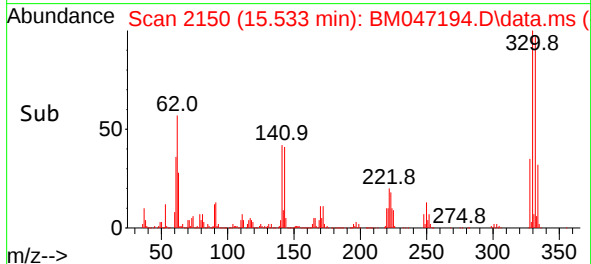
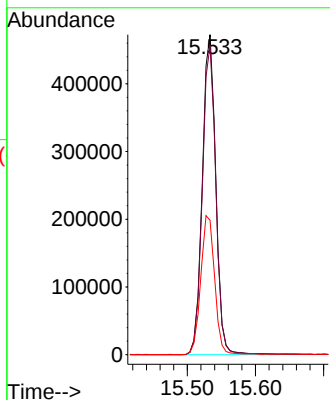
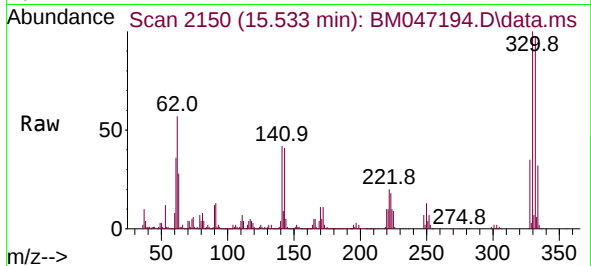




#42
2,4,6-Tribromophenol
Concen: 88.493 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

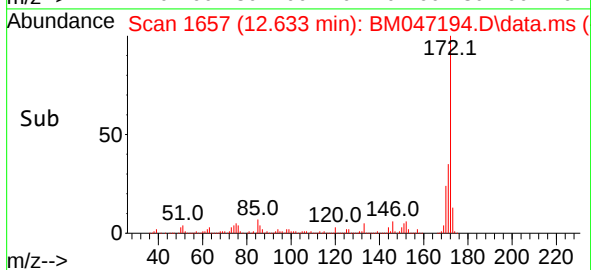
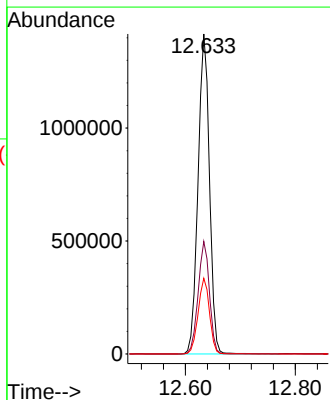
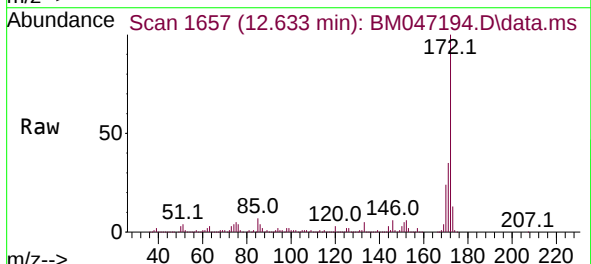
Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

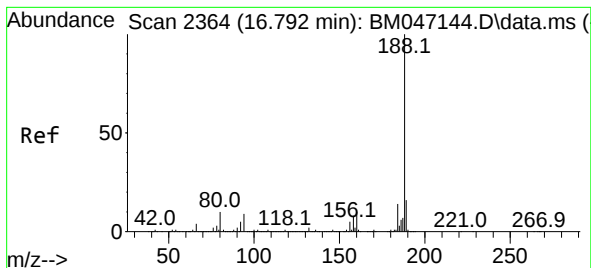
Tgt Ion:330 Resp: 649058
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 44.7 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 49.883 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:172 Resp: 2045594
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047194.D

Acq: 14 Aug 2024 16:50

Instrument :

BNA_M

ClientSampleId :

OU4-TS-16-080724

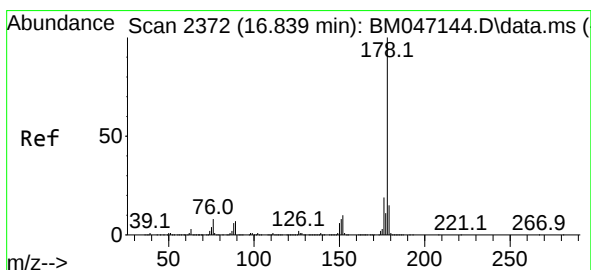
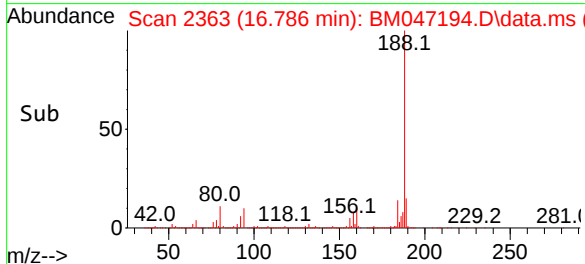
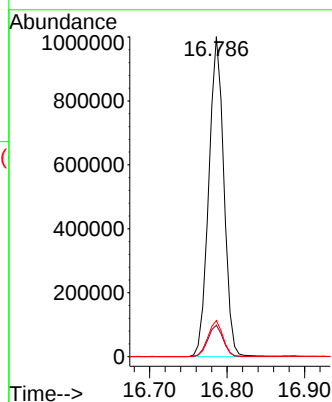
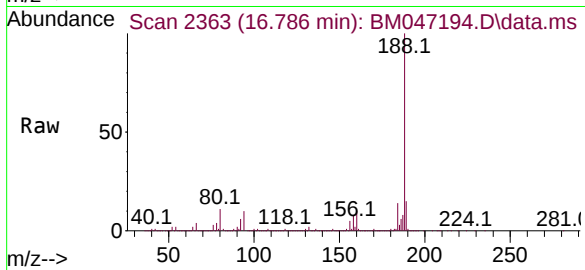
Tgt Ion:188 Resp: 1350863

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 11.3 8.0 12.0



#71

Phenanthrene

Concen: 2.513 ng

RT: 16.827 min Scan# 2370

Delta R.T. -0.012 min

Lab File: BM047194.D

Acq: 14 Aug 2024 16:50

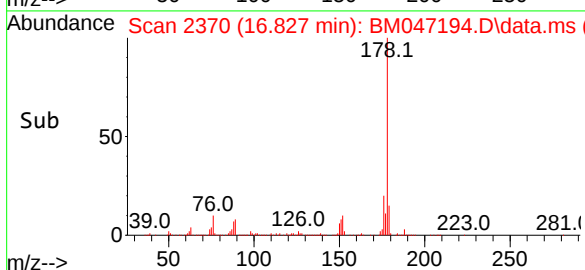
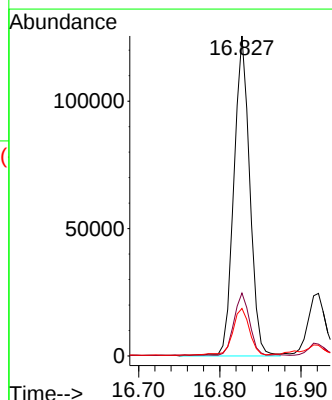
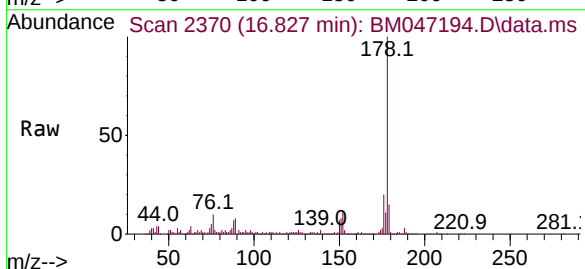
Tgt Ion:178 Resp: 170364

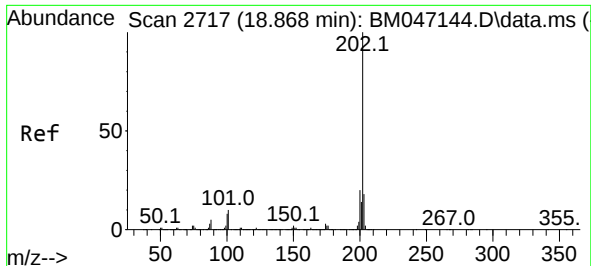
Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 14.9 12.4 18.6

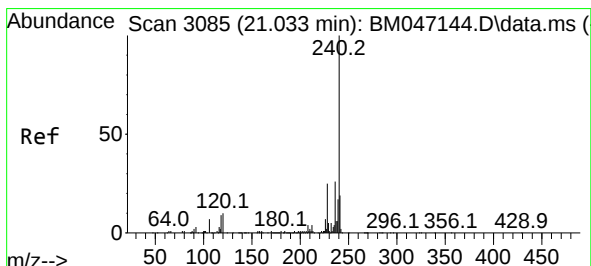
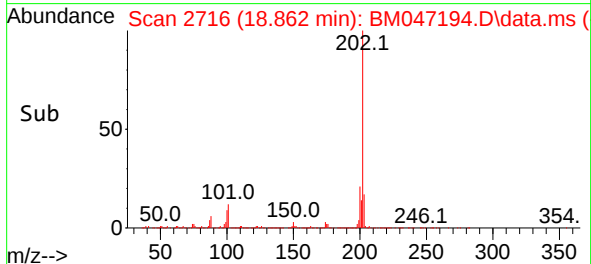
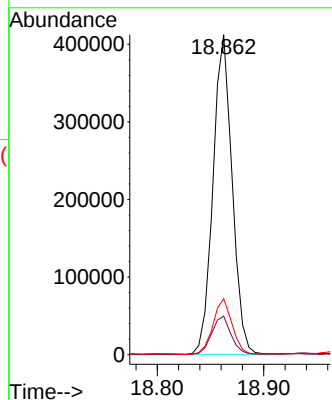
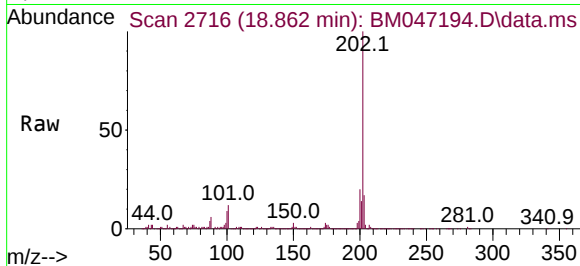




#75
Fluoranthene
Concen: 6.222 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

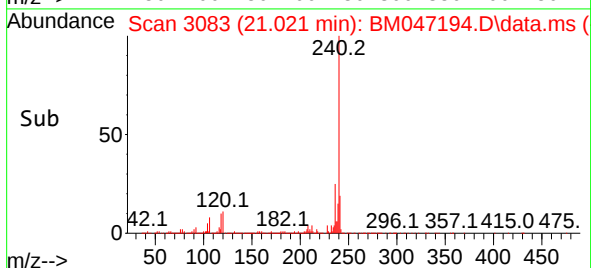
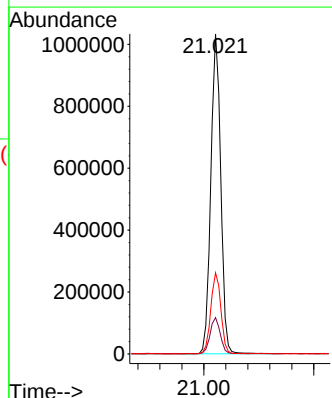
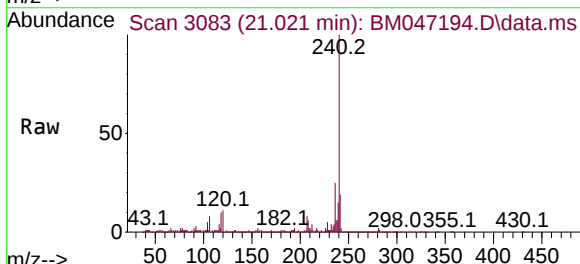
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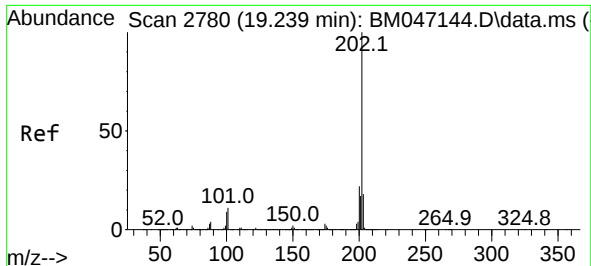
Tgt Ion:202 Resp: 513049
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:240 Resp: 1290797
Ion Ratio Lower Upper
240 100
120 11.4 8.2 12.2
236 25.3 20.6 30.8

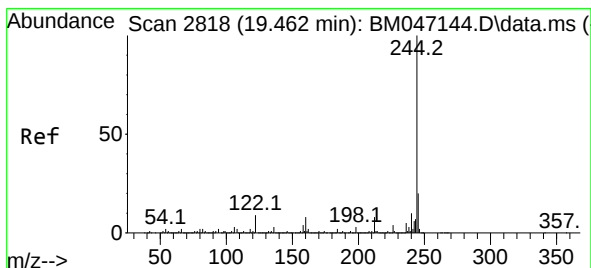
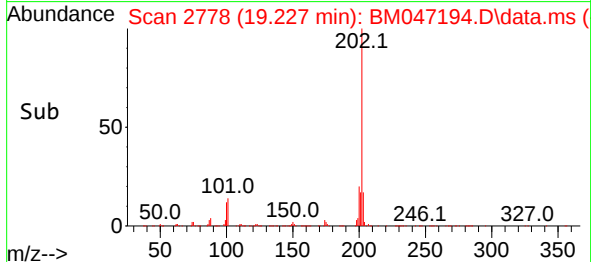
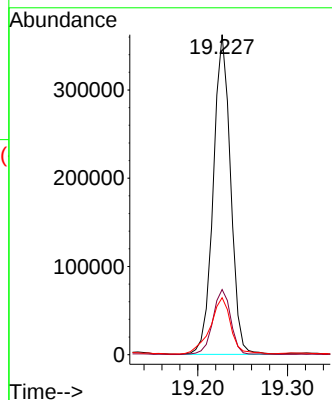
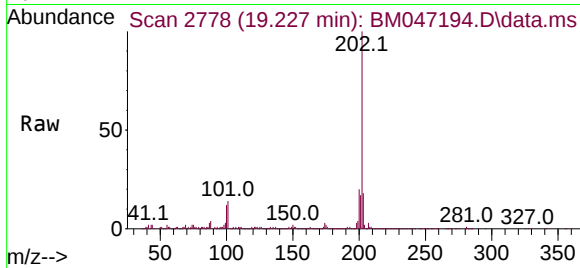




#78
Pyrene
Concen: 5.272 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

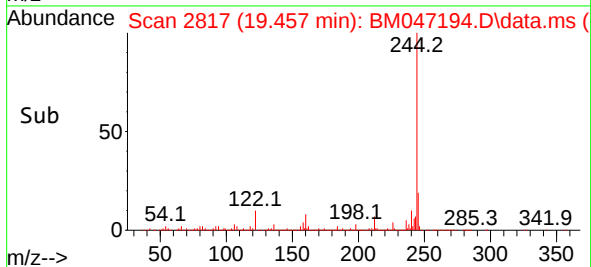
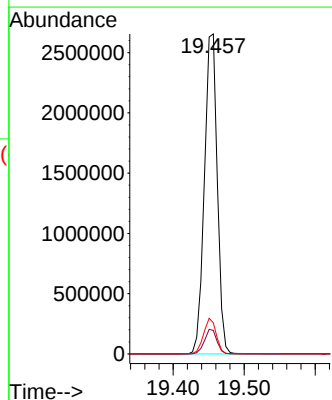
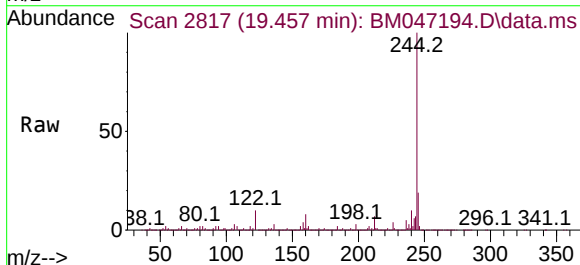
Instrument :
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OU4-TS-16-080724

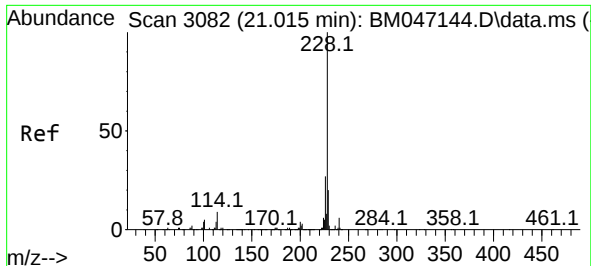
Tgt Ion:202 Resp: 485933
Ion Ratio Lower Upper
202 100
200 20.3 17.2 25.8
203 17.8 14.2 21.2



#79
Terphenyl-d14
Concen: 55.731 ng
RT: 19.457 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:244 Resp: 3357239
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 9.8 7.1 10.7

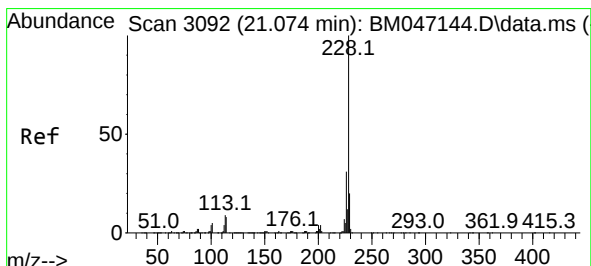
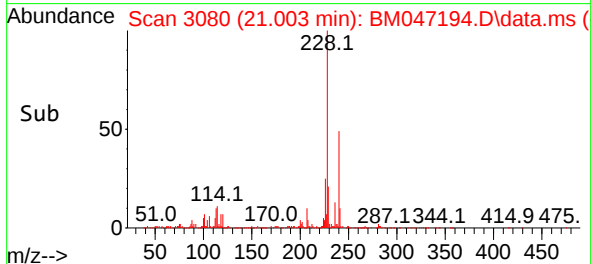
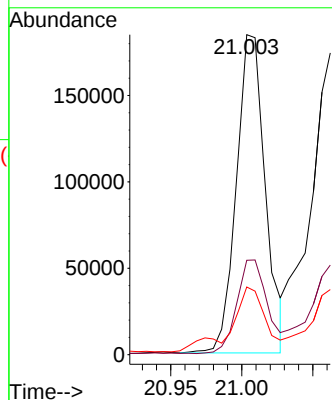
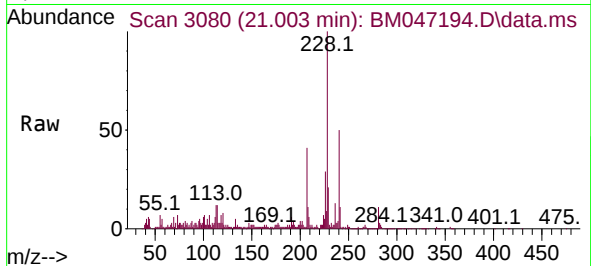




#81
Benzo(a)anthracene
Concen: 3.044 ng
RT: 21.003 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

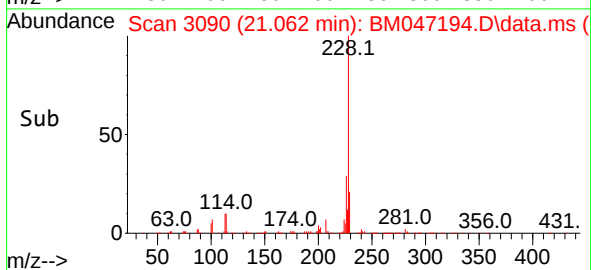
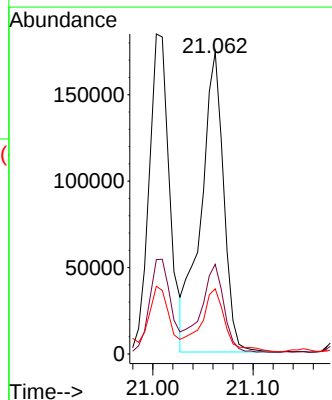
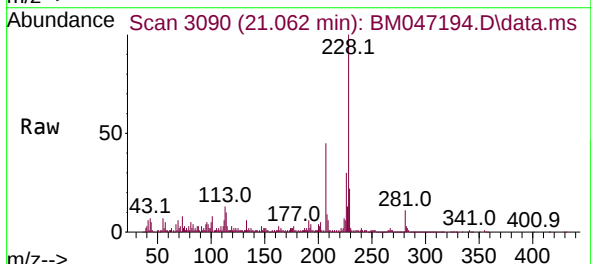
Instrument :
BNA_M
ClientSampleId :
OU4-TS-16-080724

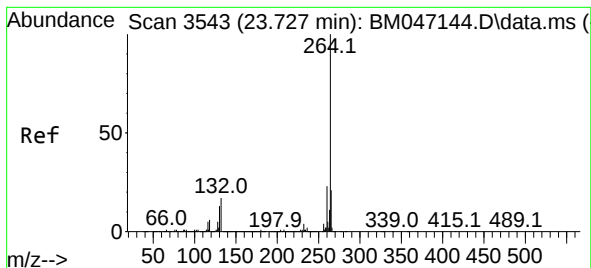
Tgt Ion:228 Resp: 260871
Ion Ratio Lower Upper
228 100
226 29.5 21.8 32.6
229 21.1 15.8 23.8



#83
Chrysene
Concen: 3.373 ng
RT: 21.062 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BM047194.D
Acq: 14 Aug 2024 16:50

Tgt Ion:228 Resp: 274267
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 21.6 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: BM047194.D

Acq: 14 Aug 2024 16:50

Instrument :

BNA_M

ClientSampleId :

OU4-TS-16-080724

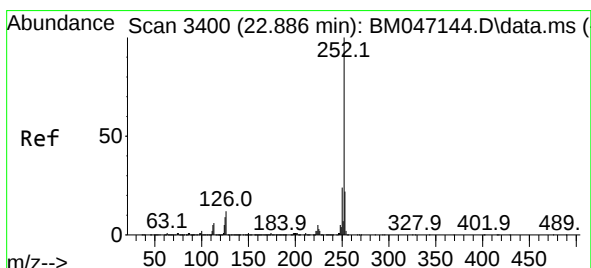
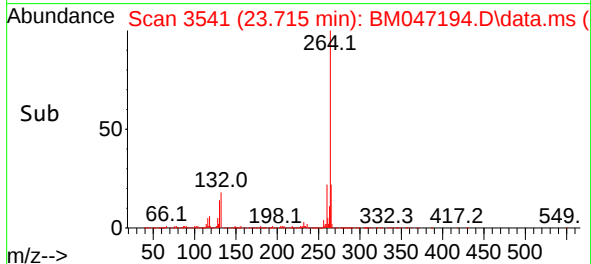
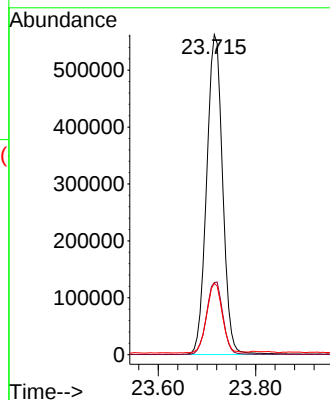
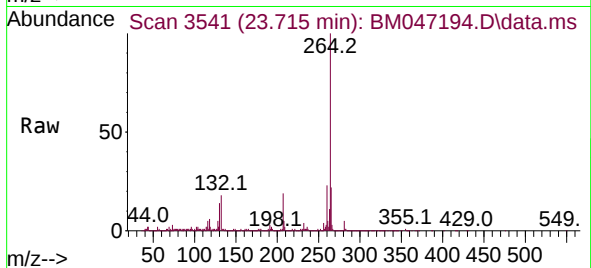
Tgt Ion:264 Resp: 1280424

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 22.2 17.3 25.9



#88

Benzo(b)fluoranthene

Concen: 4.518 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047194.D

Acq: 14 Aug 2024 16:50

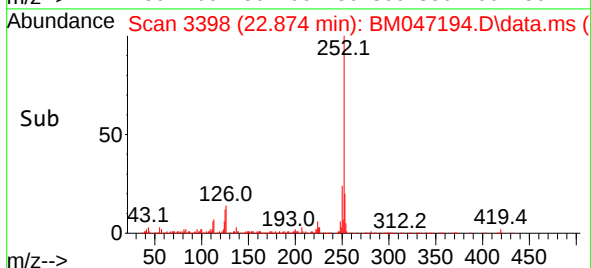
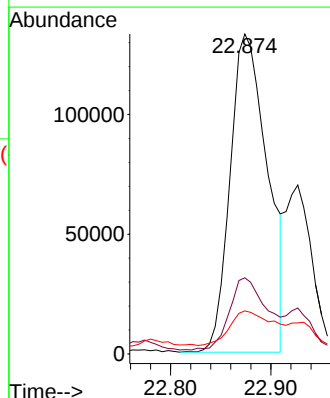
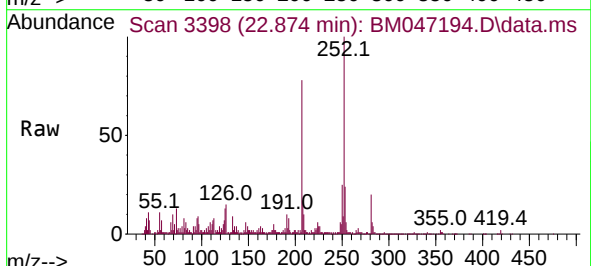
Tgt Ion:252 Resp: 343554

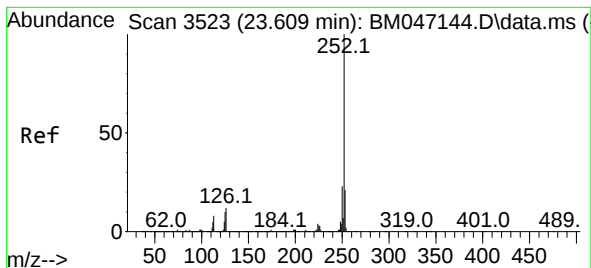
Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

125 13.4 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 3.326 ng

RT: 23.586 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM047194.D

Acq: 14 Aug 2024 16:50

Instrument :

BNA_M

ClientSampleId :

OU4-TS-16-080724

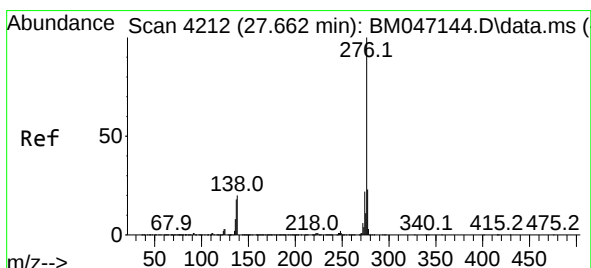
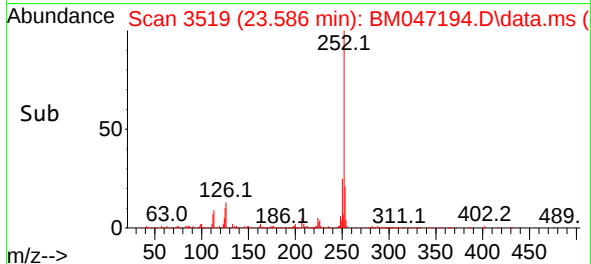
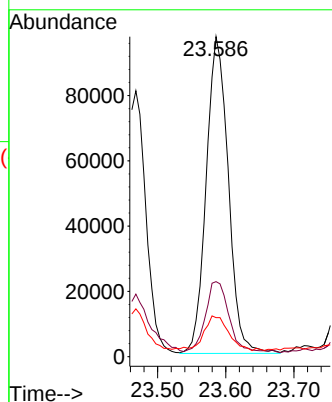
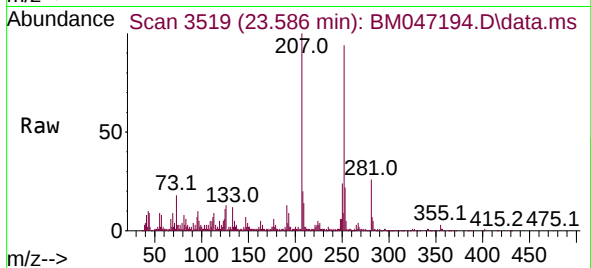
Tgt Ion:252 Resp: 219096

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

125 12.2 8.2 12.2



#92

Benzo(g,h,i)perylene

Concen: 2.222 ng

RT: 27.627 min Scan# 4206

Delta R.T. -0.035 min

Lab File: BM047194.D

Acq: 14 Aug 2024 16:50

Tgt Ion:276 Resp: 154533

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 25.3 16.2 24.4#

