

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047220.D
 Acq On : 15 Aug 2024 18:12
 Operator : RC/JU
 Sample : P3518-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-03-080724

Quant Time: Aug 16 01:19:23 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)

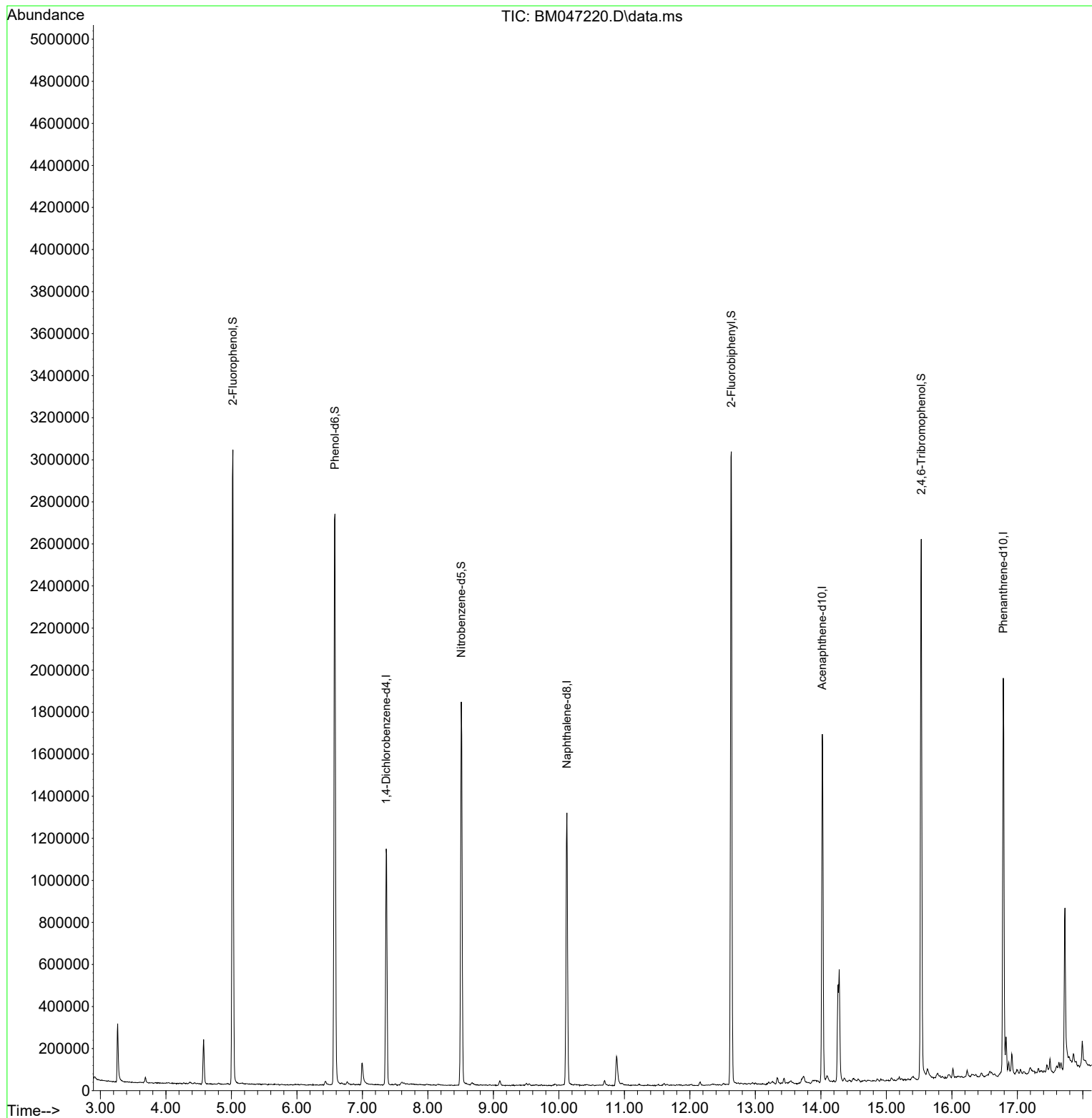
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	301755	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1049790	20.000	ng	-0.01
39) Acenaphthene-d10	14.021	164	590390	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1113457	20.000	ng	0.00
76) Chrysene-d12	21.021	240	970223	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1098695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1257620	74.470	ng	0.00
7) Phenol-d6	6.581	99	1593170	68.465	ng	0.00
23) Nitrobenzene-d5	8.510	82	1035399	49.663	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	482089	70.422	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1611955	42.116	ng	-0.01
79) Terphenyl-d14	19.451	244	1869149	41.281	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	495	Below Cal	#	31
75) Fluoranthene	18.862	202	217484	3.200	ng	99
78) Pyrene	19.227	202	207080	2.989	ng	99
81) Benzo(a)anthracene	21.062	228	131842	2.047	ng	94
83) Chrysene	21.062	228	131842	2.157	ng	97
88) Benzo(b)fluoranthene	22.880	252	200693	3.076	ng	# 95
89) Benzo(k)fluoranthene	22.880	252	200693	3.256	ng	# 95
90) Benzo(a)pyrene	23.591	252	140167	2.480	ng	# 92

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

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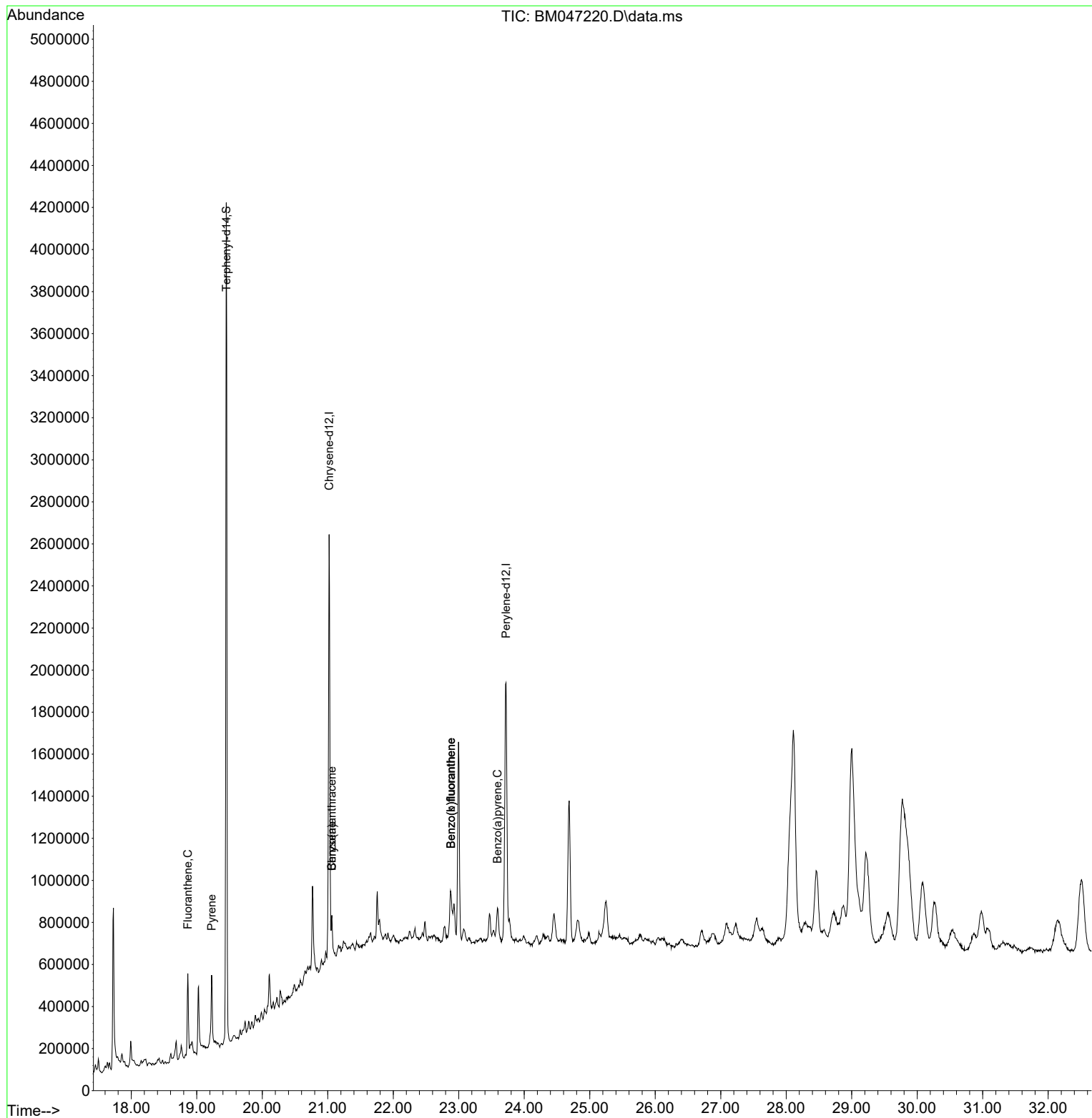
Quant Time: Aug 16 01:19:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

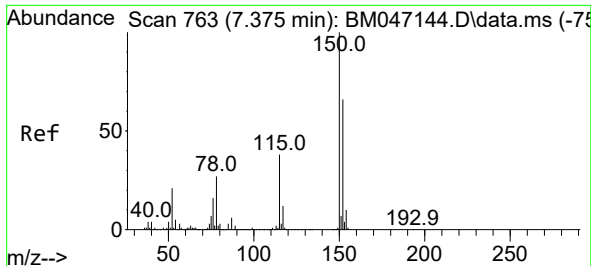


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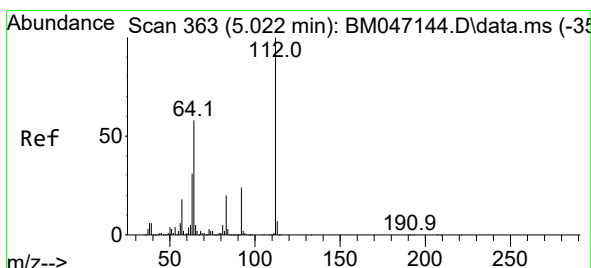
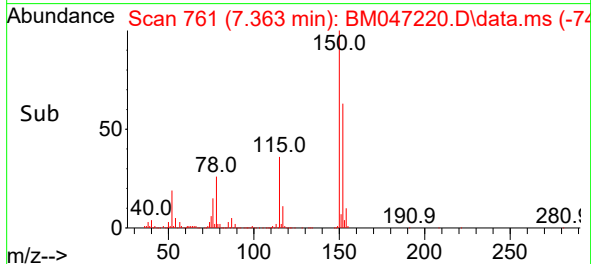
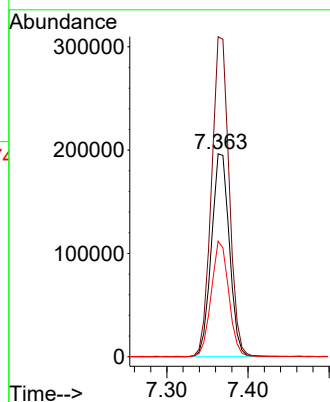
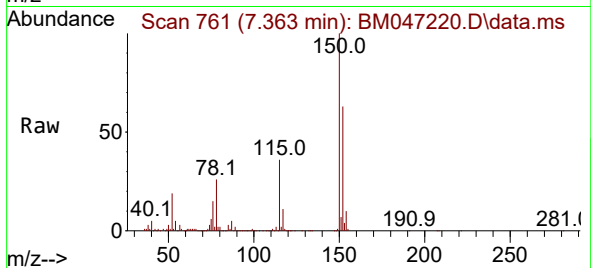




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

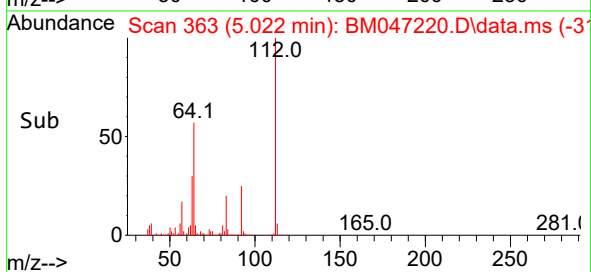
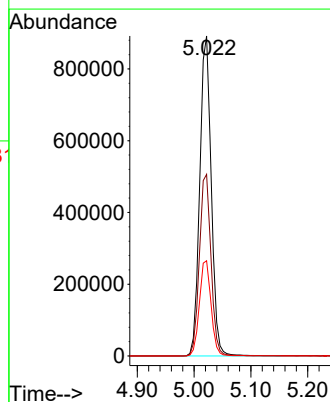
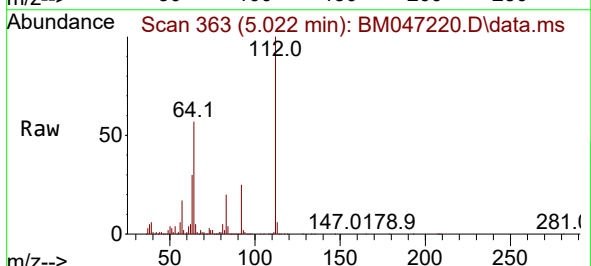
Instrument :
BNA_M
ClientSampleId :
OU4-TS-03-080724

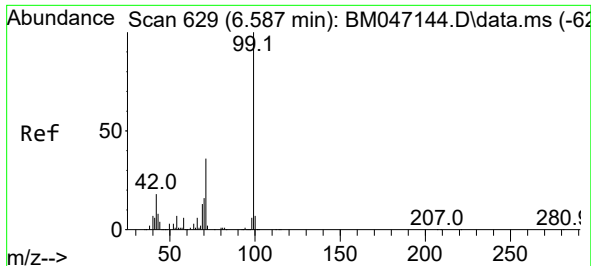
Tgt Ion:152 Resp: 301755
Ion Ratio Lower Upper
152 100
150 157.7 120.5 180.7
115 56.9 45.5 68.3



#5
2-Fluorophenol
Concen: 74.470 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

Tgt Ion:112 Resp: 1257620
Ion Ratio Lower Upper
112 100
64 56.7 46.7 70.1
63 29.8 24.8 37.2

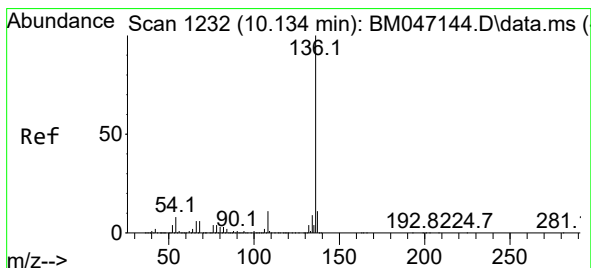
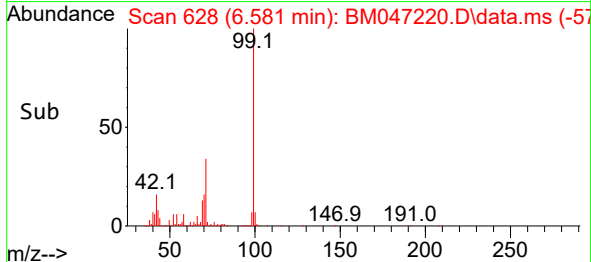
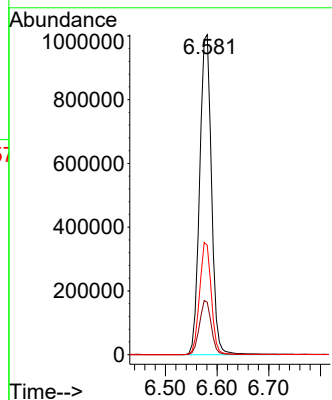
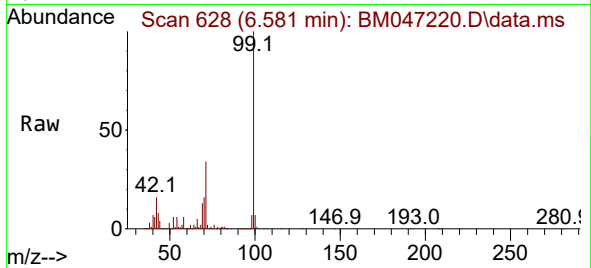




#7
Phenol-d6
Concen: 68.465 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

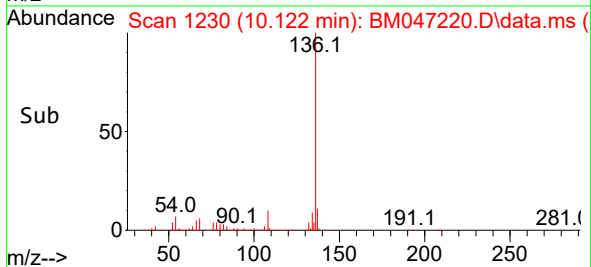
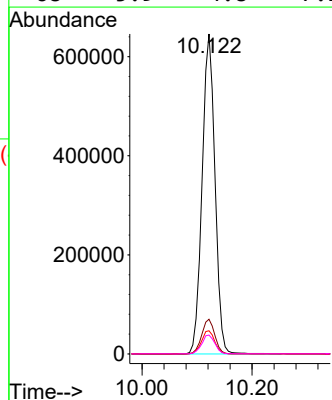
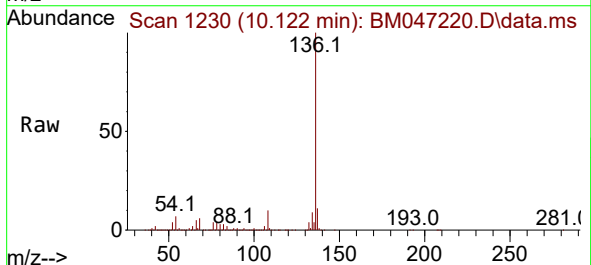
Instrument :
BNA_M
ClientSampleId :
OU4-TS-03-080724

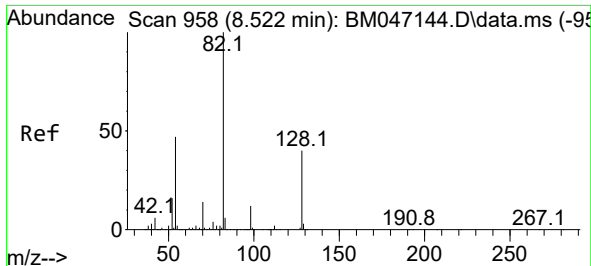
Tgt Ion: 99 Resp: 1593170
Ion Ratio Lower Upper
99 100
42 16.4 14.1 21.1
71 34.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

Tgt Ion: 136 Resp: 1049790
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 6.0 9.0
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 49.663 ng

RT: 8.510 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM047220.D

Acq: 15 Aug 2024 18:12

Instrument :

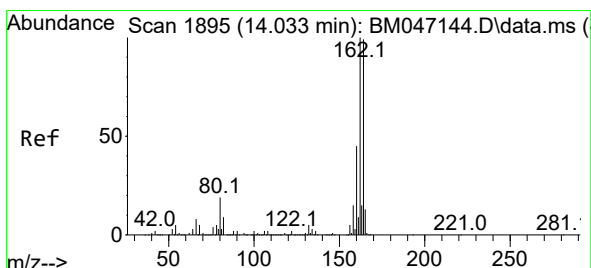
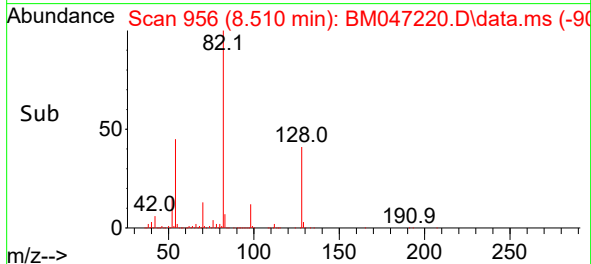
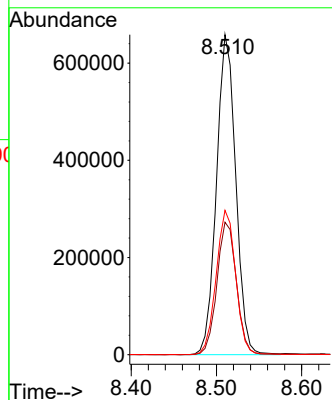
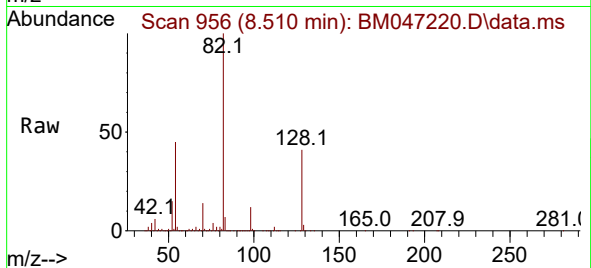
BNA_M

ClientSampleId :

OU4-TS-03-080724

Tgt Ion: 82 Resp: 1035399

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.3	48.5
54	45.1	37.4	56.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.021 min Scan# 1893

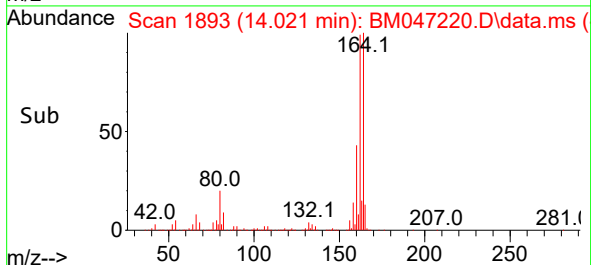
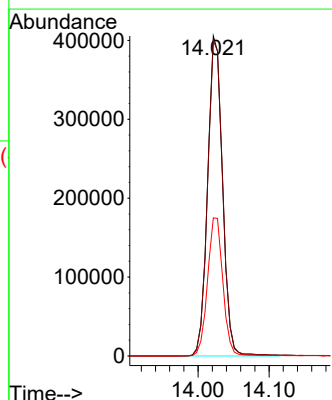
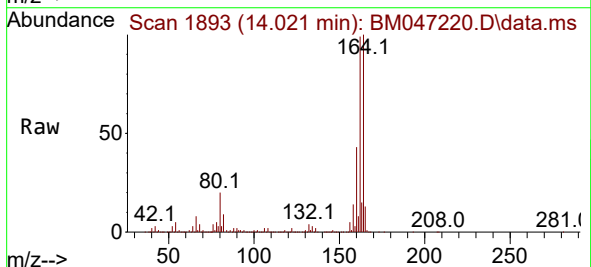
Delta R.T. -0.012 min

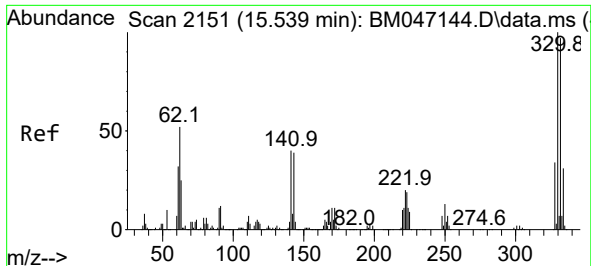
Lab File: BM047220.D

Acq: 15 Aug 2024 18:12

Tgt Ion: 164 Resp: 590390

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.7	121.1
160	43.2	36.0	54.0

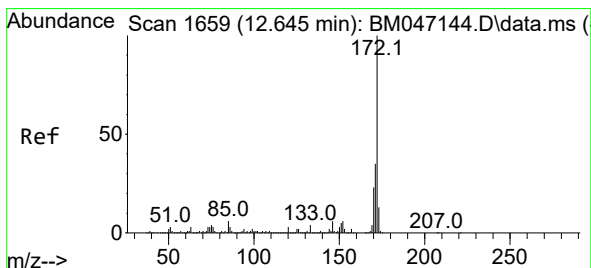
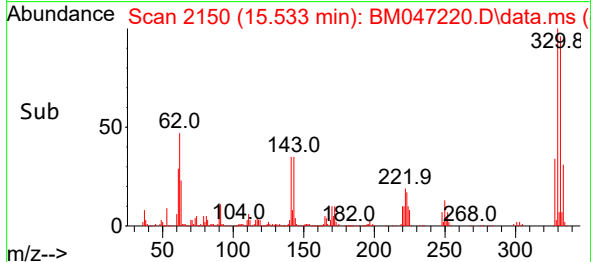
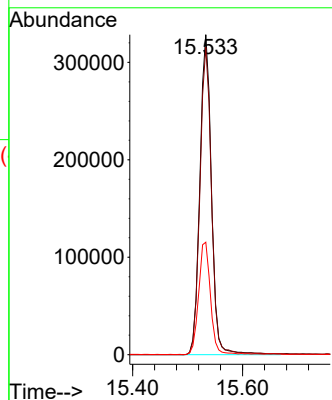
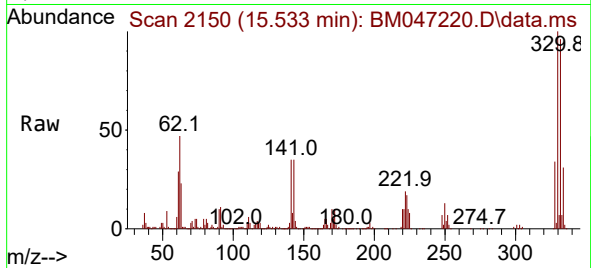




#42
2,4,6-Tribromophenol
Concen: 70.422 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

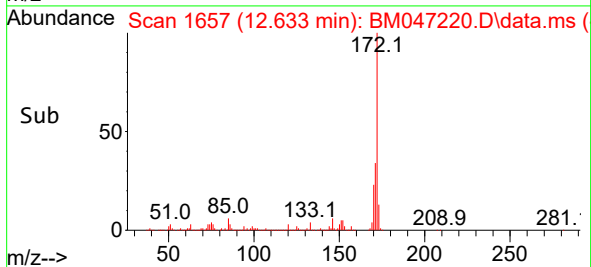
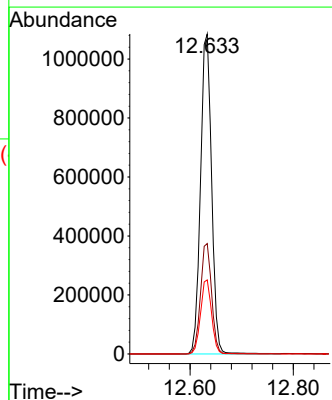
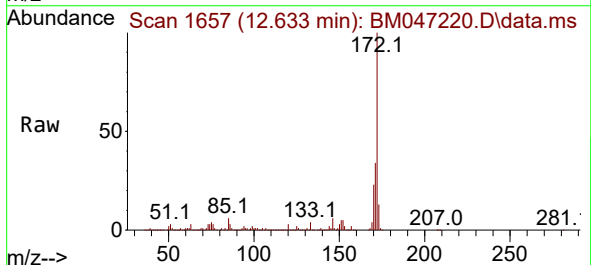
Instrument :
BNA_M
ClientSampleId :
OU4-TS-03-080724

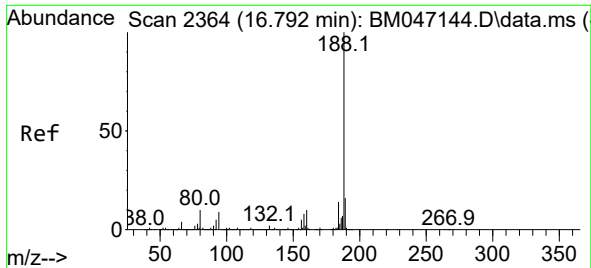
Tgt Ion: 330 Resp: 482089
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 36.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 42.116 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

Tgt Ion: 172 Resp: 1611955
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.1 18.7 28.1

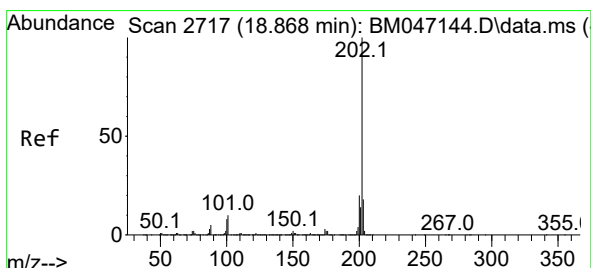
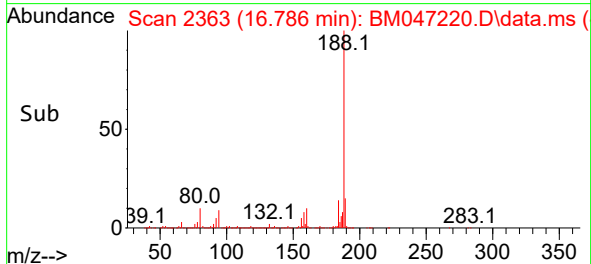
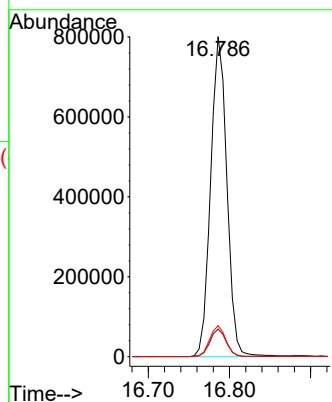
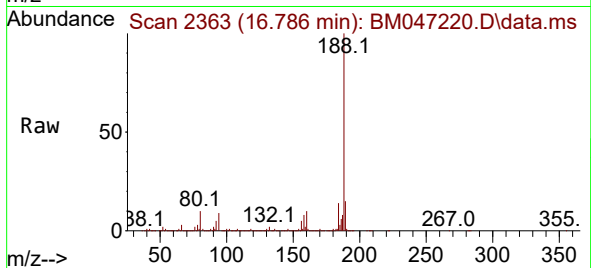




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

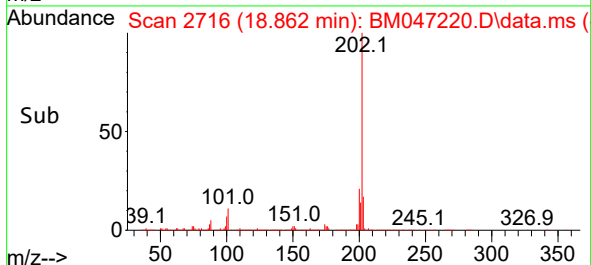
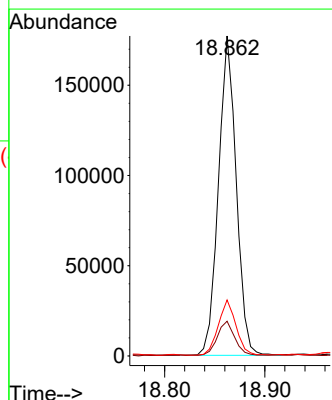
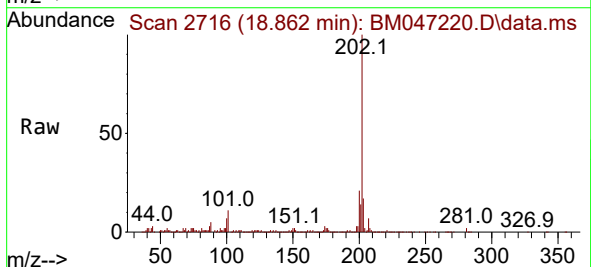
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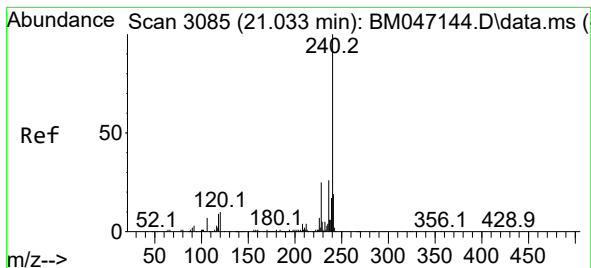
Tgt Ion:188 Resp: 1113457
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.7 8.0 12.0



#75
Fluoranthene
Concen: 3.200 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

Tgt Ion:202 Resp: 217484
Ion Ratio Lower Upper
202 100
101 10.8 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: BM047220.D

Acq: 15 Aug 2024 18:12

Instrument :

BNA_M

ClientSampleId :

OU4-TS-03-080724

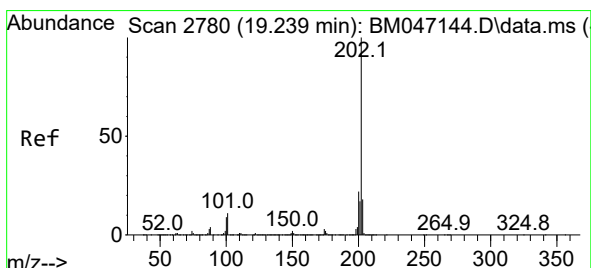
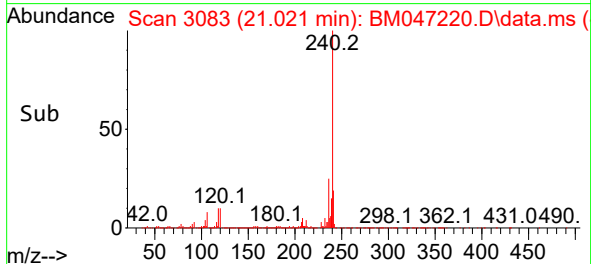
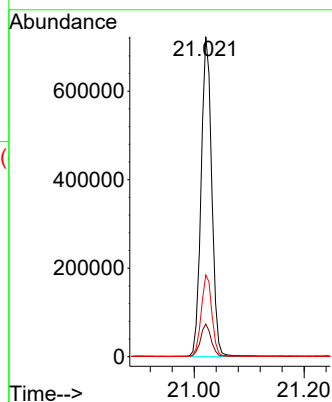
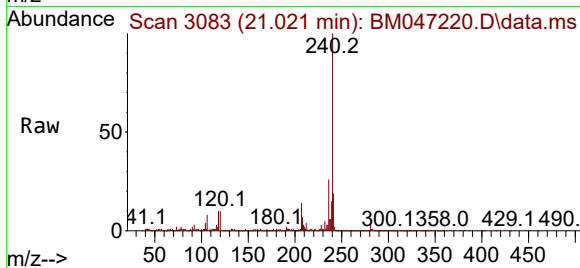
Tgt Ion:240 Resp: 970223

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 25.5 20.6 30.8



#78

Pyrene

Concen: 2.989 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047220.D

Acq: 15 Aug 2024 18:12

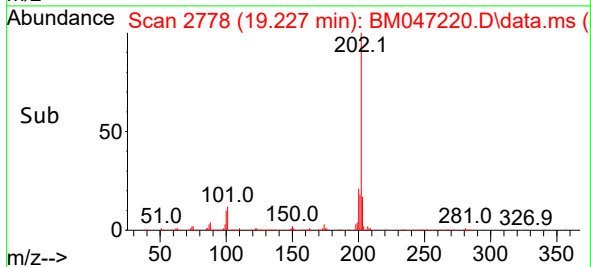
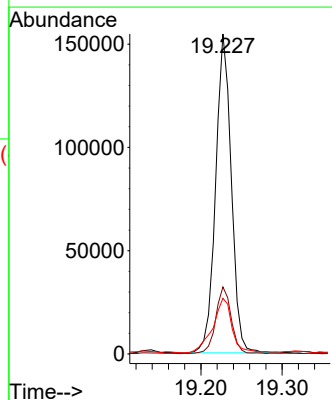
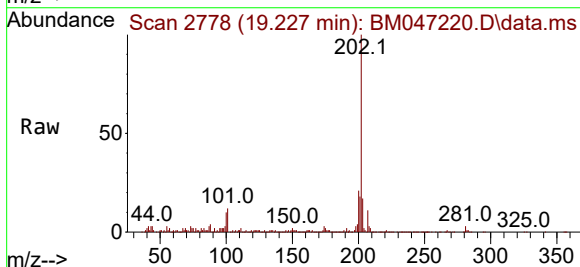
Tgt Ion:202 Resp: 207080

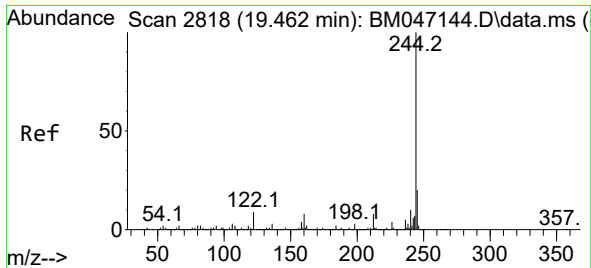
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

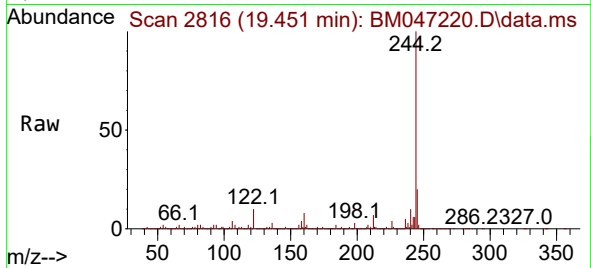
203 17.4 14.2 21.2



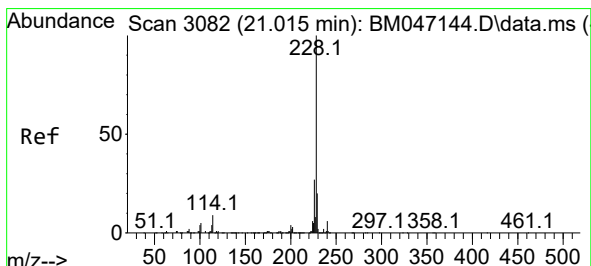
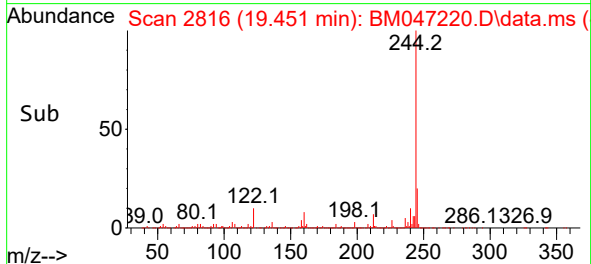
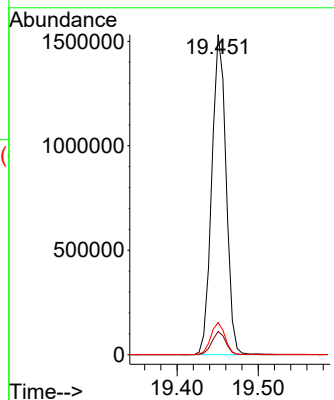


#79
 Terphenyl-d14
 Concen: 41.281 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047220.D
 Acq: 15 Aug 2024 18:12

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-03-080724

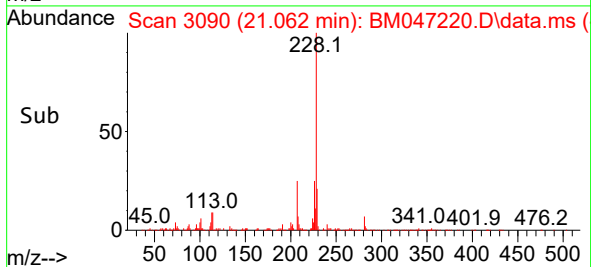
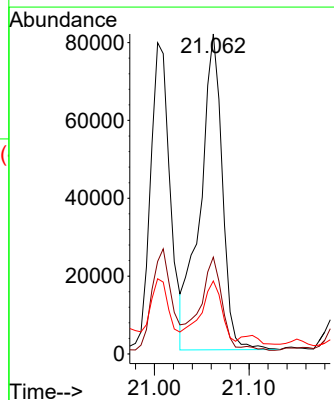
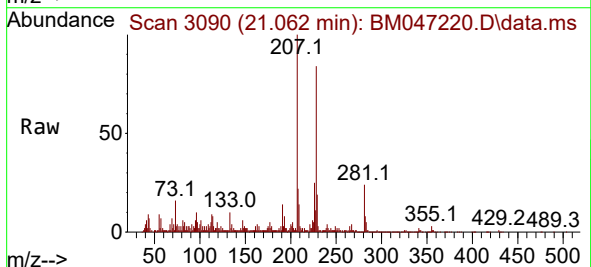


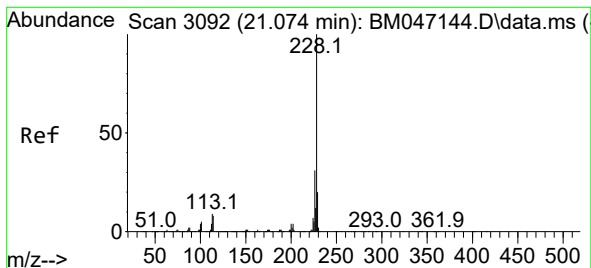
Tgt Ion:244 Resp: 1869149
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 10.0 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.047 ng
 RT: 21.062 min Scan# 3090
 Delta R.T. 0.047 min
 Lab File: BM047220.D
 Acq: 15 Aug 2024 18:12

Tgt Ion:228 Resp: 131842
 Ion Ratio Lower Upper
 228 100
 226 30.3 21.8 32.6
 229 22.8 15.8 23.8





#83

Chrysene

Concen: 2.157 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047220.D

Acq: 15 Aug 2024 18:12

Instrument :

BNA_M

ClientSampleId :

OU4-TS-03-080724

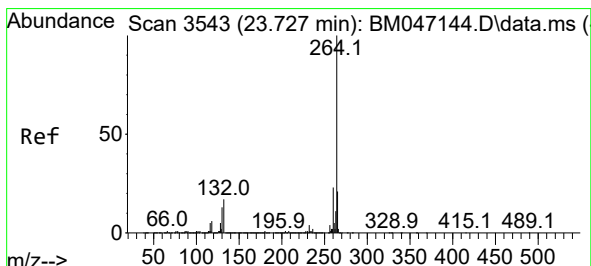
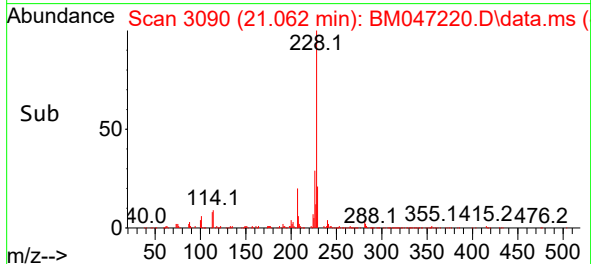
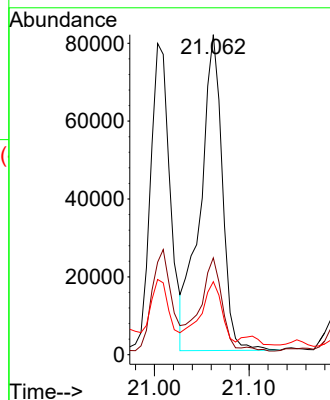
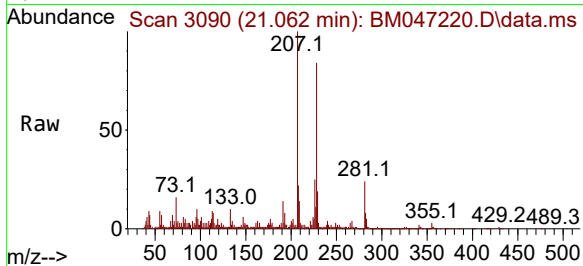
Tgt Ion:228 Resp: 131842

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 22.8 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047220.D

Acq: 15 Aug 2024 18:12

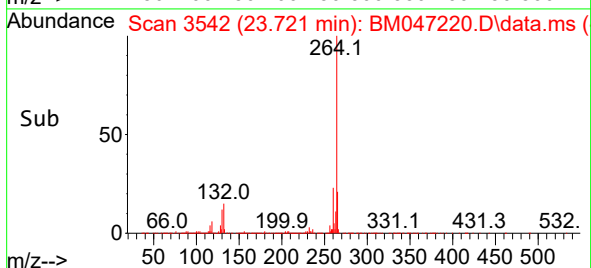
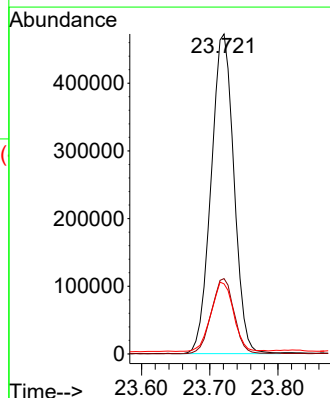
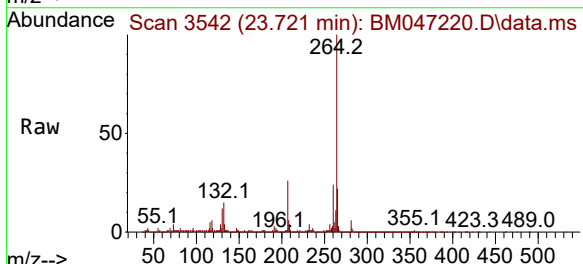
Tgt Ion:264 Resp: 1098695

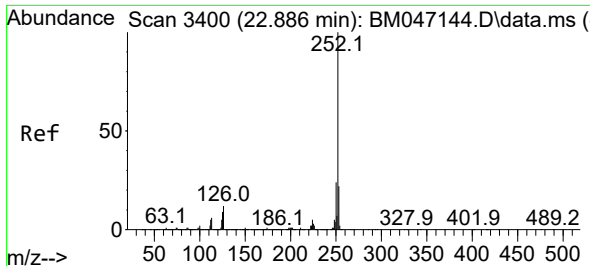
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.9 17.3 25.9

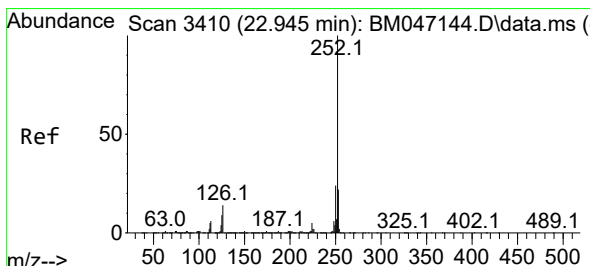
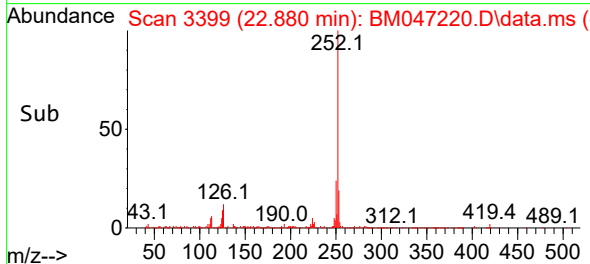
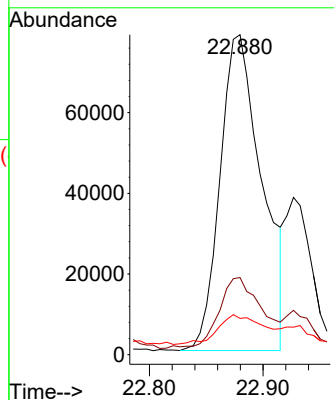
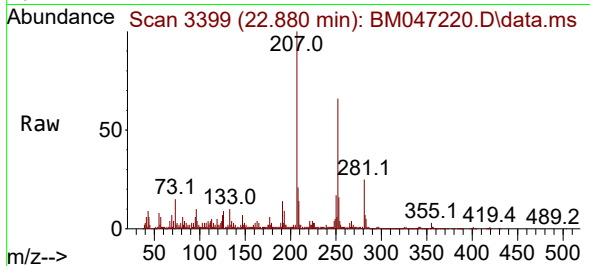




#88
Benzo(b)fluoranthene
Concen: 3.076 ng
RT: 22.880 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

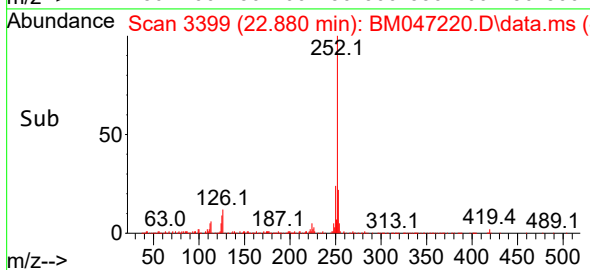
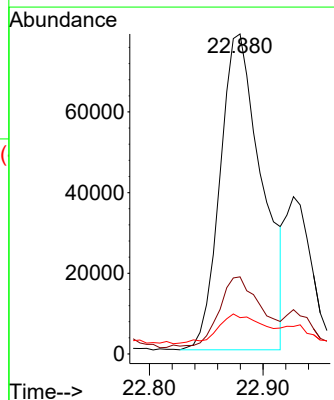
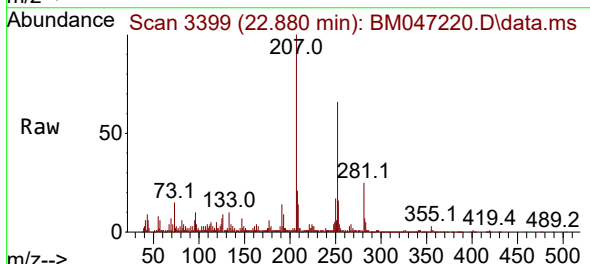
Instrument :
BNA_M
ClientSampleId :
OU4-TS-03-080724

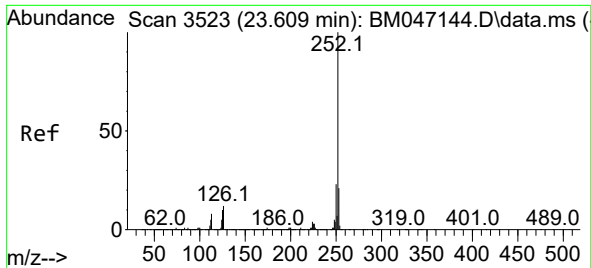
Tgt Ion:252 Resp: 200693
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 11.3 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 3.256 ng
RT: 22.880 min Scan# 3399
Delta R.T. -0.065 min
Lab File: BM047220.D
Acq: 15 Aug 2024 18:12

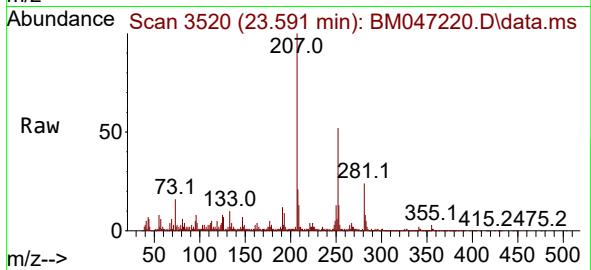
Tgt Ion:252 Resp: 200693
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 11.3 7.4 11.2#





#90
 Benzo(a)pyrene
 Concen: 2.480 ng
 RT: 23.591 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BM047220.D
 Acq: 15 Aug 2024 18:12

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-03-080724



Tgt Ion:252 Resp: 140167
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.1 25.7
 125 14.9 8.2 12.2#

