

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047222.D
 Acq On : 15 Aug 2024 19:33
 Operator : RC/JU
 Sample : P3518-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-05-080724

Quant Time: Aug 16 01:19:59 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)

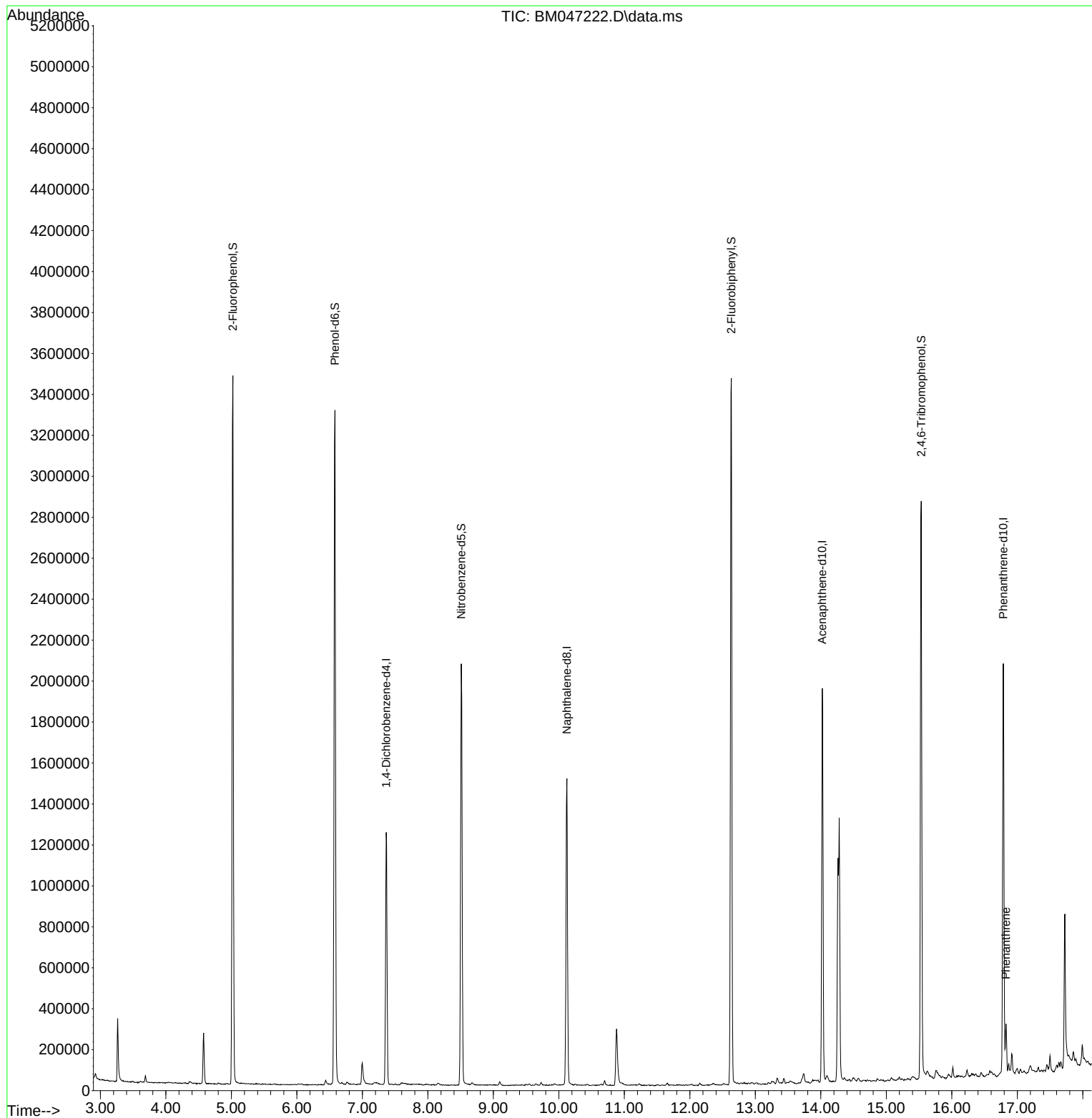
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	333710	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1204983	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	674607	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1184365	20.000	ng	0.00
76) Chrysene-d12	21.021	240	973369	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1120925	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1427988	76.461	ng	0.00
7) Phenol-d6	6.581	99	1848461	71.830	ng	0.00
23) Nitrobenzene-d5	8.510	82	1201558	50.210	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	534354	68.313	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1862702	42.592	ng	-0.01
79) Terphenyl-d14	19.451	244	1923909	42.353	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	16.827	178	137967	2.321	ng	99
75) Fluoranthene	18.862	202	330584	4.573	ng	99
78) Pyrene	19.227	202	308272	4.435	ng	99
81) Benzo(a)anthracene	21.003	228	147929	2.289	ng	97
83) Chrysene	21.062	228	163086	2.660	ng	95
88) Benzo(b)fluoranthene	22.874	252	233684	3.510	ng	# 97
90) Benzo(a)pyrene	23.592	252	149319	2.589	ng	# 95

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

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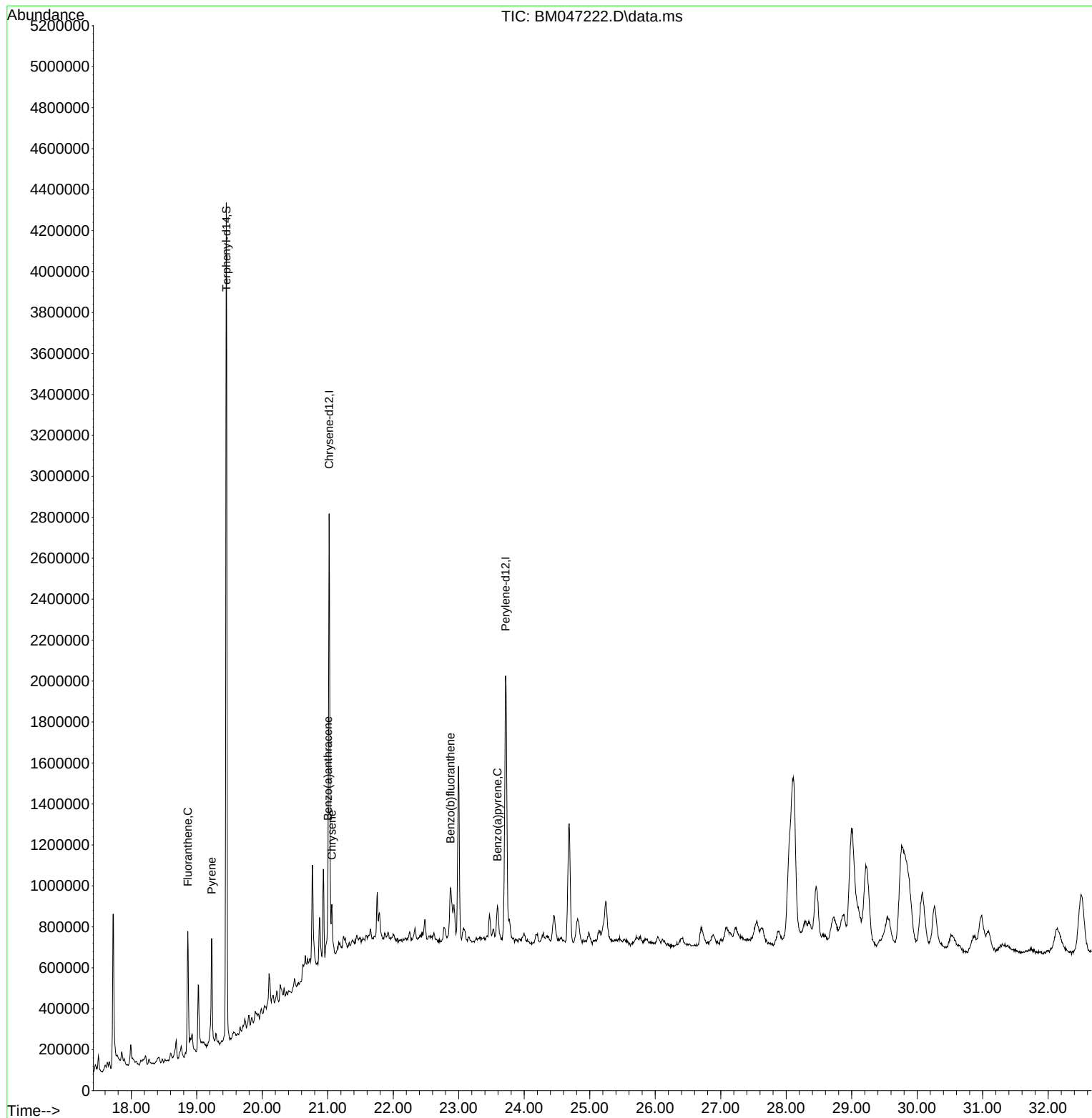
Quant Time: Aug 16 01:19:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

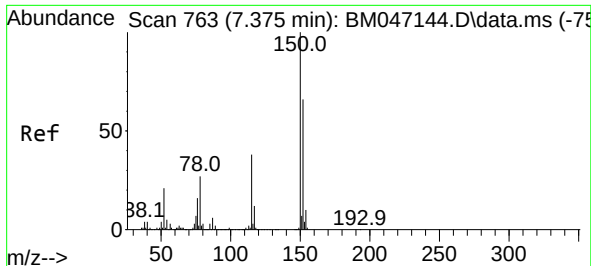


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
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Quant Time: Aug 16 01:19:59 2024
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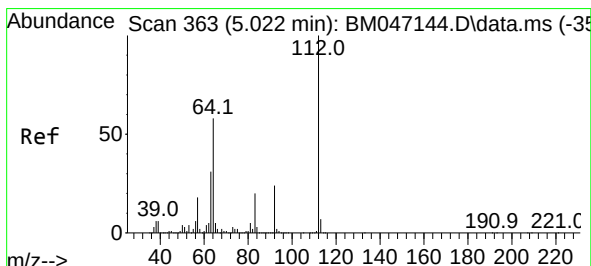
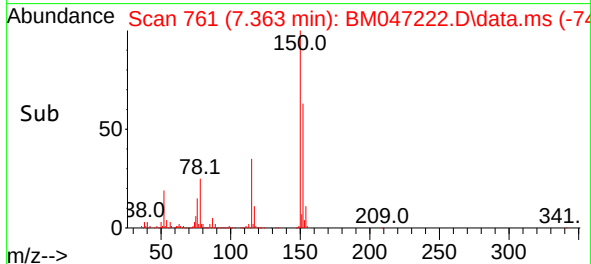
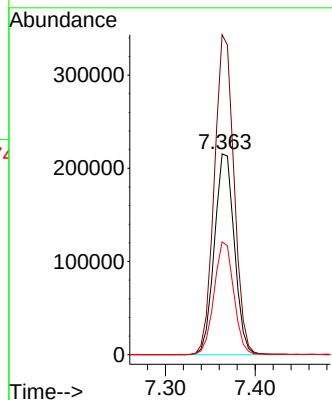
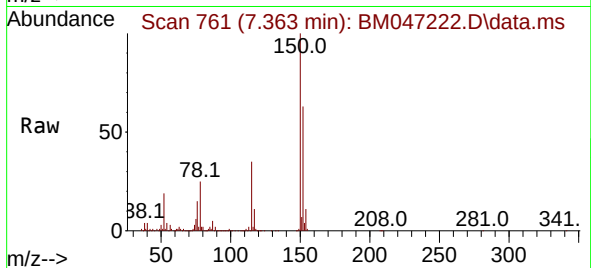




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

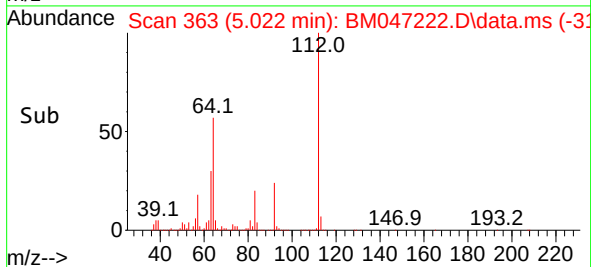
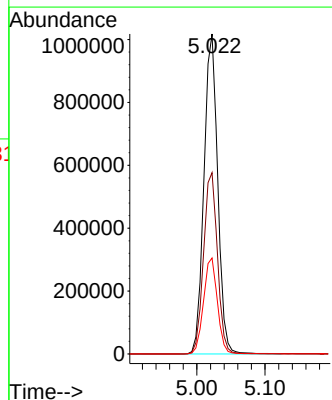
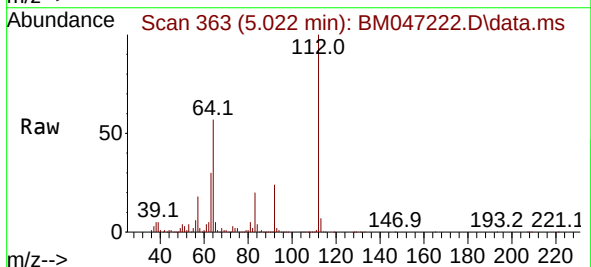
Instrument :
BNA_M
ClientSampleId :
OU4-TS-05-080724

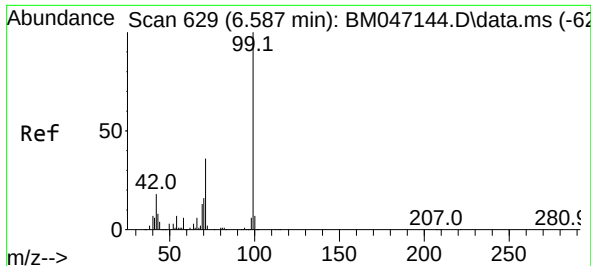
Tgt Ion:152 Resp: 333710
Ion Ratio Lower Upper
152 100
150 159.4 120.5 180.7
115 56.2 45.5 68.3



#5
2-Fluorophenol
Concen: 76.461 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

Tgt Ion:112 Resp: 1427988
Ion Ratio Lower Upper
112 100
64 56.6 46.7 70.1
63 30.0 24.8 37.2



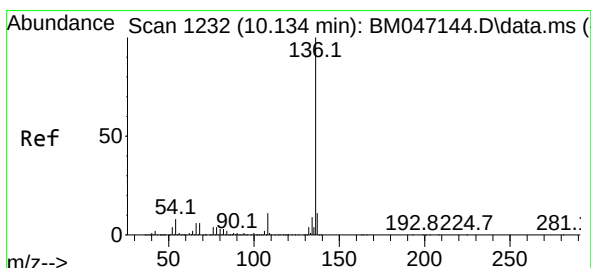
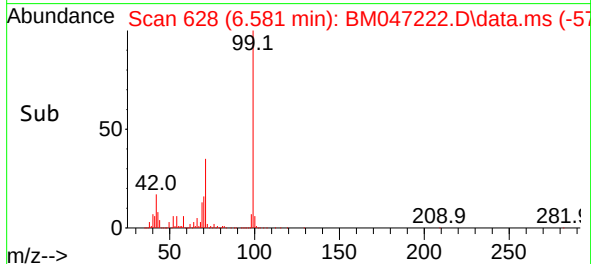
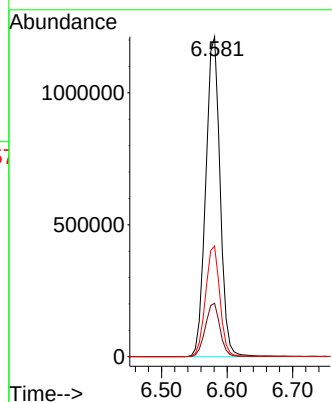
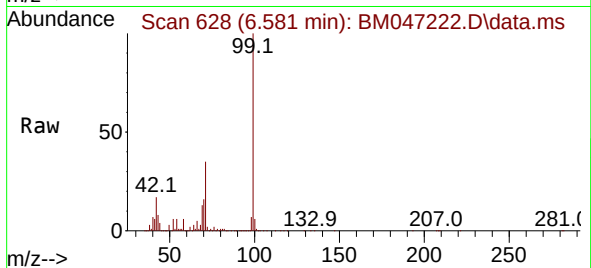


#7
Phenol-d6
Concen: 71.830 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

Instrument :
BNA_M
ClientSampleId :
OU4-TS-05-080724

Tgt Ion: 99 Resp: 1848461

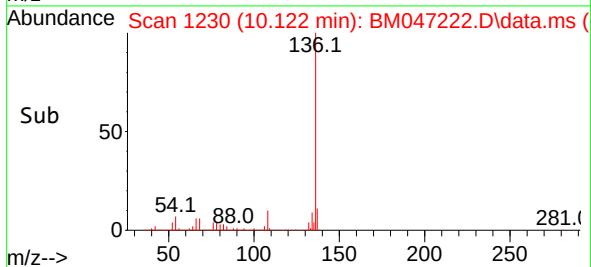
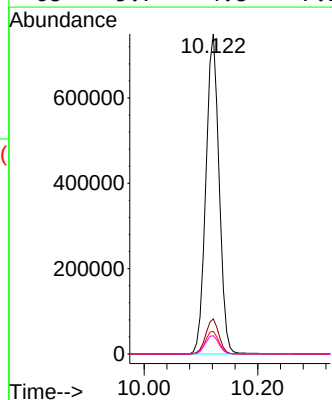
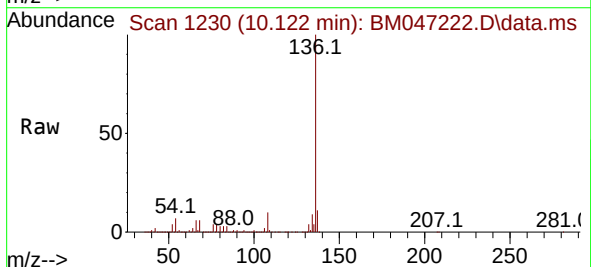
Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	34.5	28.5	42.7

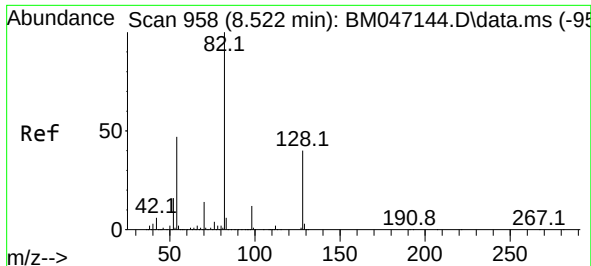


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

Tgt Ion: 136 Resp: 1204983

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	6.0	9.0
68	5.7	4.8	7.2

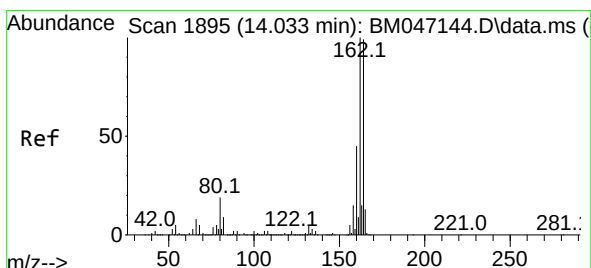
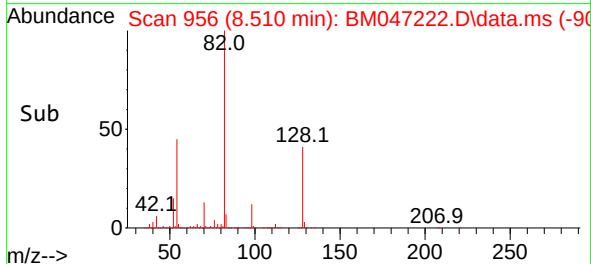
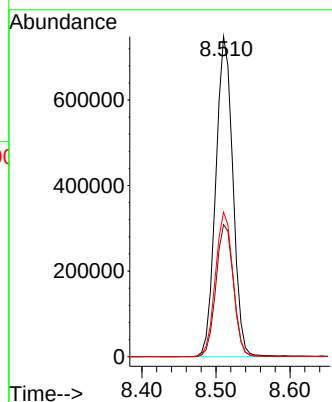
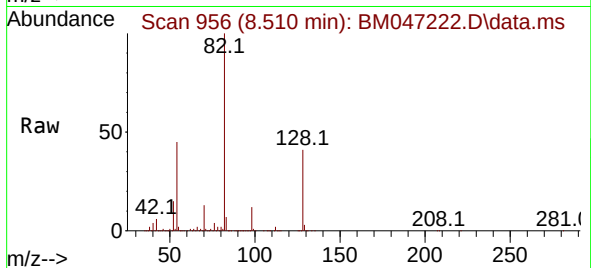




#23
Nitrobenzene-d5
Concen: 50.210 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

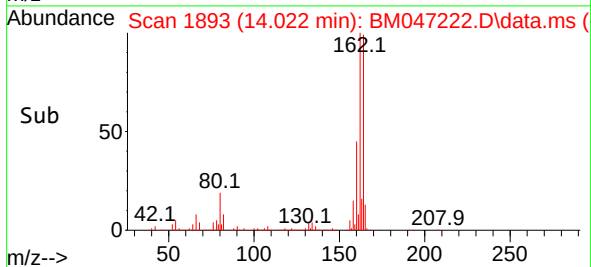
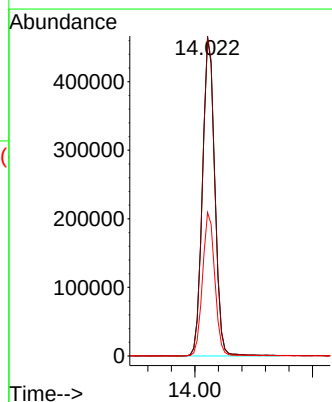
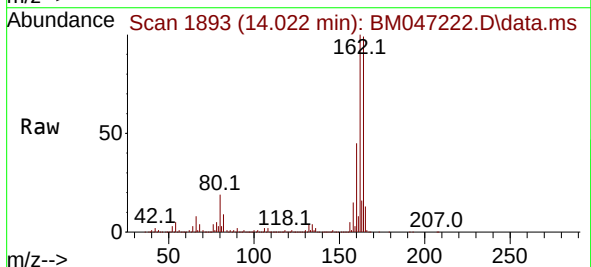
Instrument :
BNA_M
ClientSampleId :
OU4-TS-05-080724

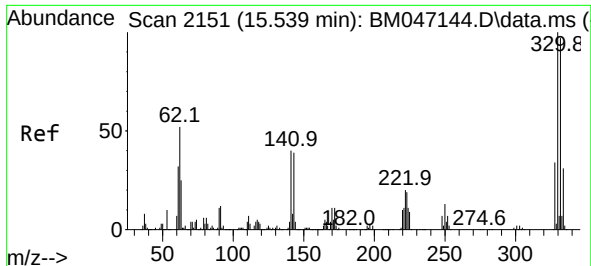
Tgt Ion: 82 Resp: 1201558
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 45.2 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

Tgt Ion: 164 Resp: 674607
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 45.2 36.0 54.0

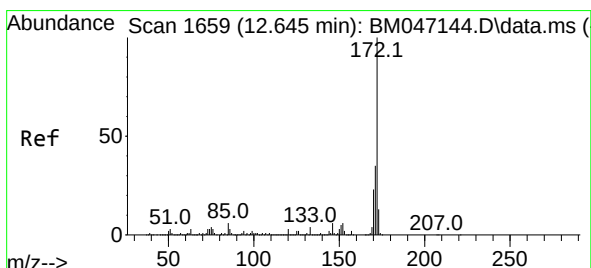
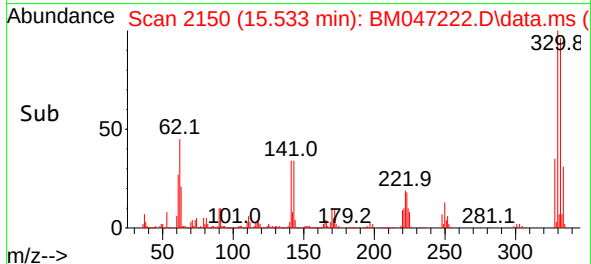
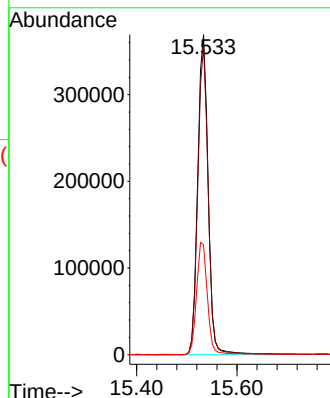
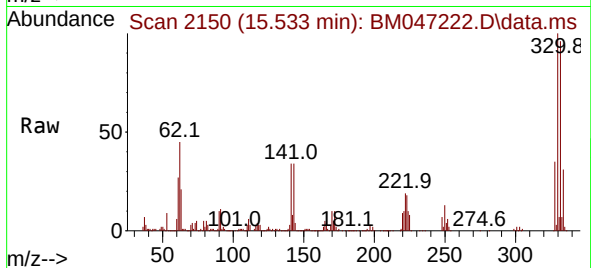




#42
2,4,6-Tribromophenol
Concen: 68.313 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

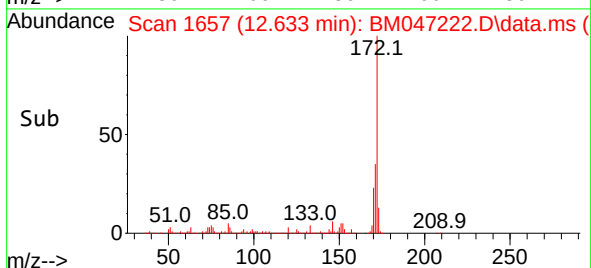
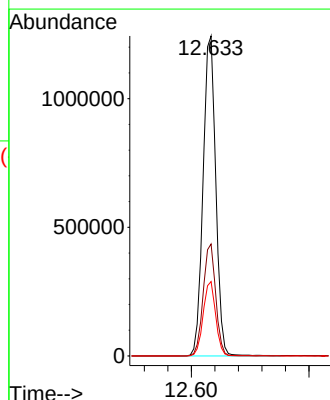
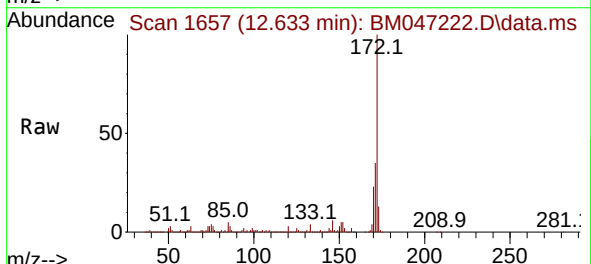
Instrument :
BNA_M
ClientSampleId :
OU4-TS-05-080724

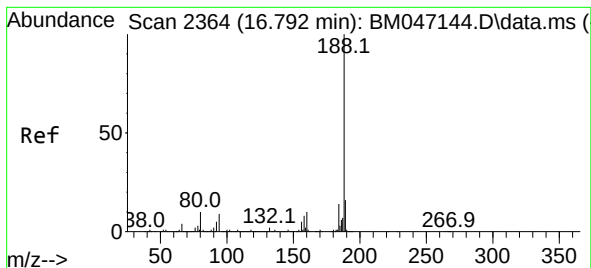
Tgt Ion:330 Resp: 534354
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 36.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 42.592 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

Tgt Ion:172 Resp: 1862702
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.2 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: BM047222.D

Acq: 15 Aug 2024 19:33

Instrument :

BNA_M

ClientSampleId :

OU4-TS-05-080724

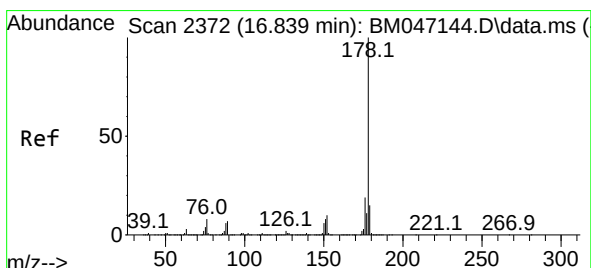
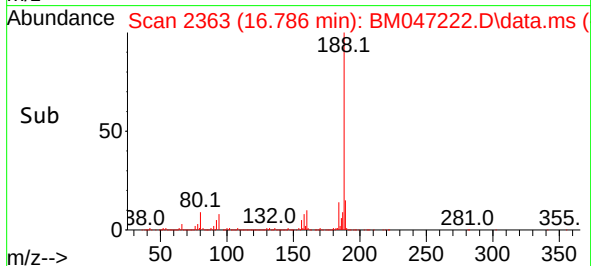
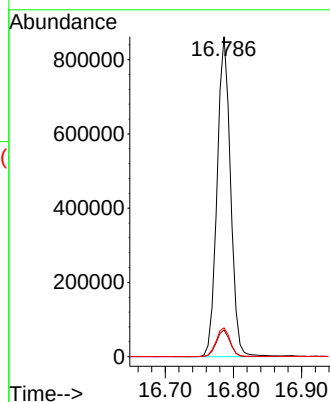
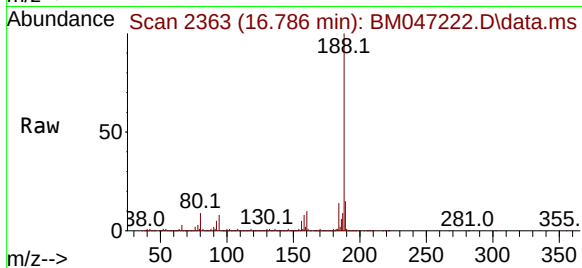
Tgt Ion:188 Resp: 1184365

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.0 8.0 12.0



#71

Phenanthrene

Concen: 2.321 ng

RT: 16.827 min Scan# 2370

Delta R.T. -0.012 min

Lab File: BM047222.D

Acq: 15 Aug 2024 19:33

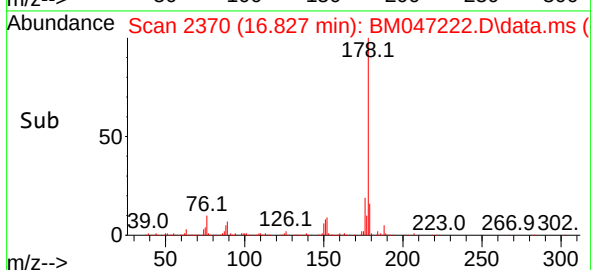
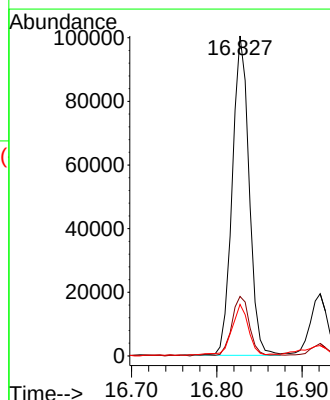
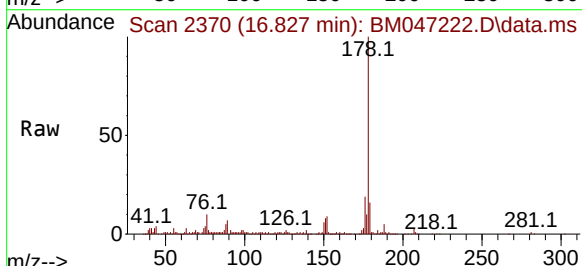
Tgt Ion:178 Resp: 137967

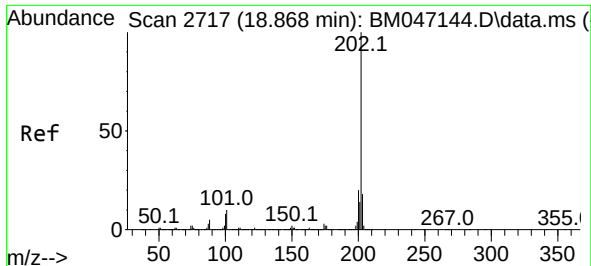
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 16.1 12.4 18.6

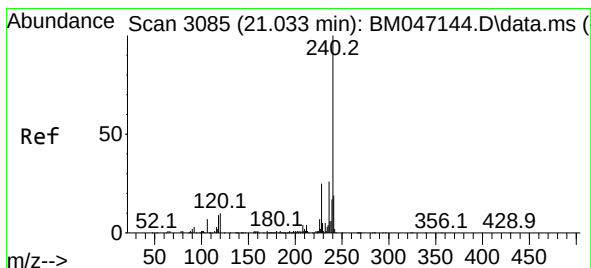
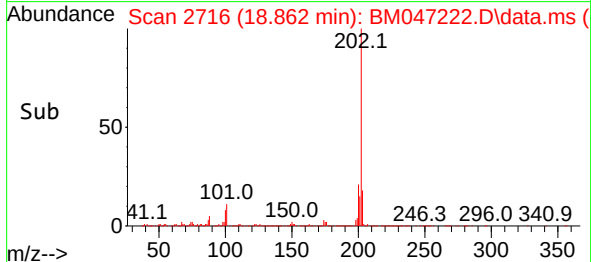
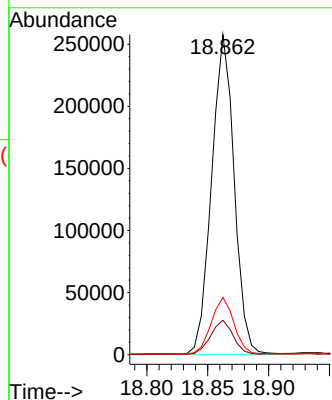
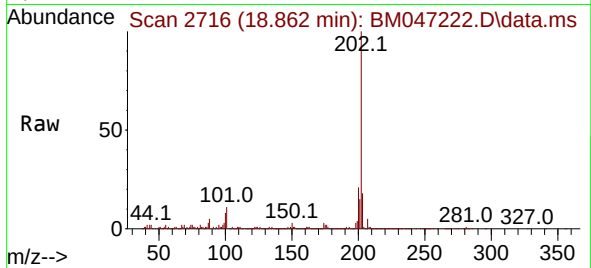




#75
Fluoranthene
Concen: 4.573 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

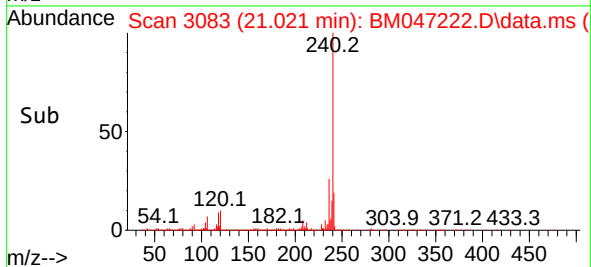
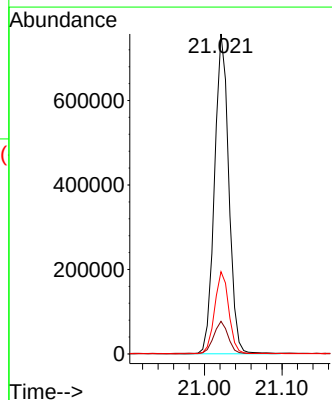
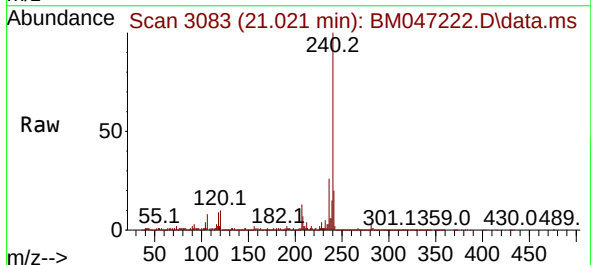
Instrument :
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OU4-TS-05-080724

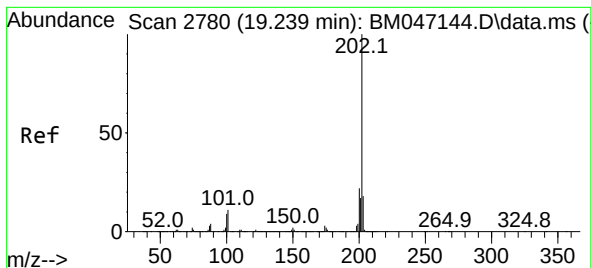
Tgt Ion:202 Resp: 330584
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.2
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

Tgt Ion:240 Resp: 973369
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.7 20.6 30.8





#78

Pyrene

Concen: 4.435 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047222.D

Acq: 15 Aug 2024 19:33

Instrument :

BNA_M

ClientSampleId :

OU4-TS-05-080724

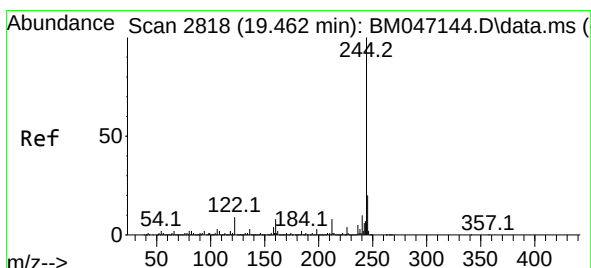
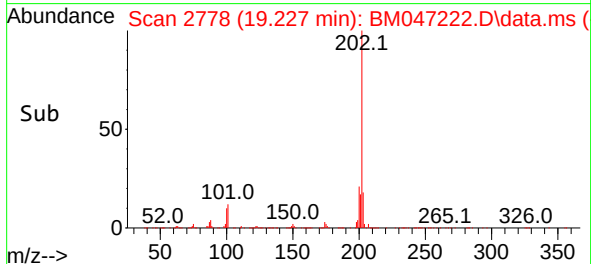
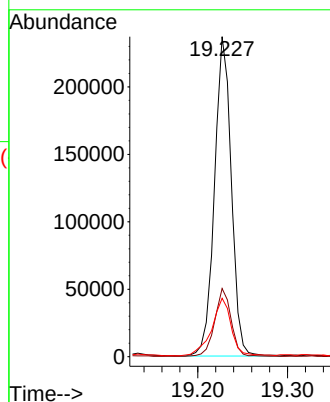
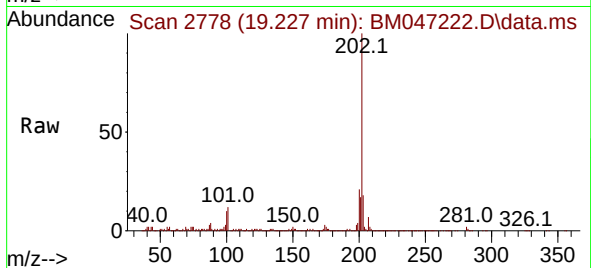
Tgt Ion:202 Resp: 308272

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 18.2 14.2 21.2



#79

Terphenyl-d14

Concen: 42.353 ng

RT: 19.451 min Scan# 2816

Delta R.T. -0.012 min

Lab File: BM047222.D

Acq: 15 Aug 2024 19:33

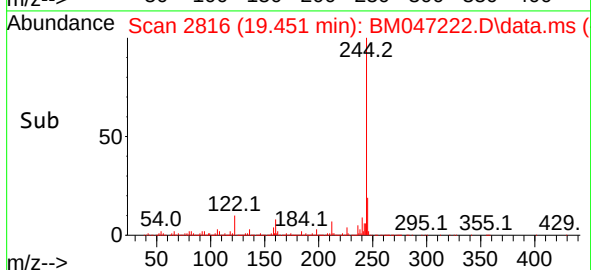
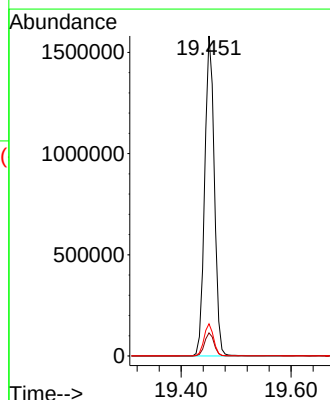
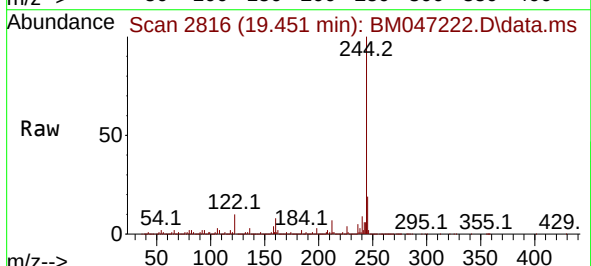
Tgt Ion:244 Resp: 1923909

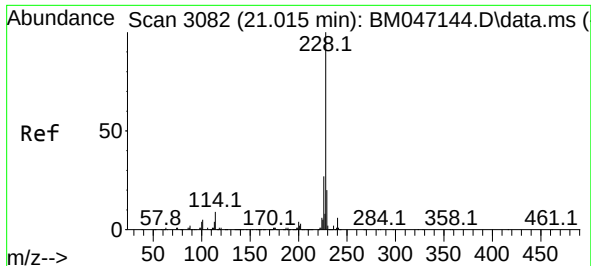
Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 10.0 7.1 10.7

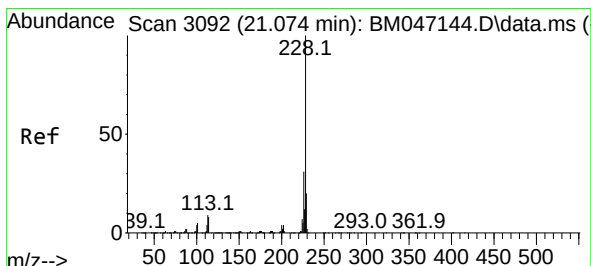
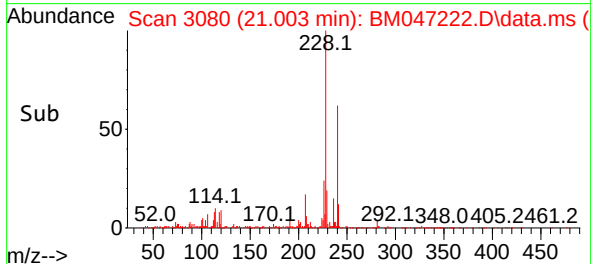
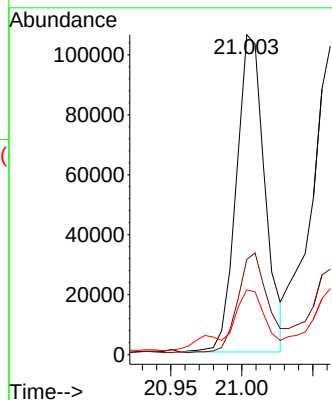
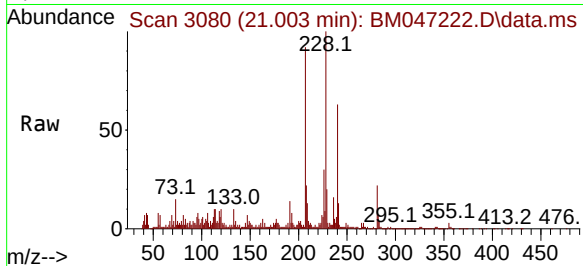




#81
Benzo(a)anthracene
Concen: 2.289 ng
RT: 21.003 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

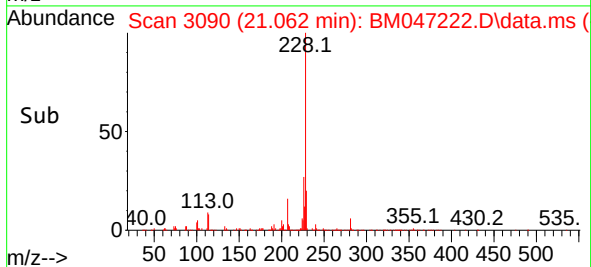
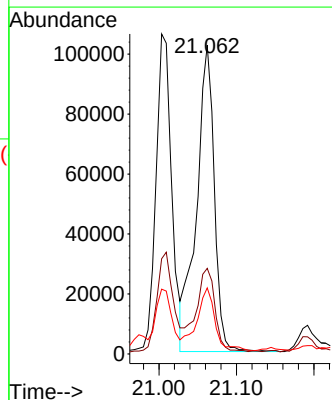
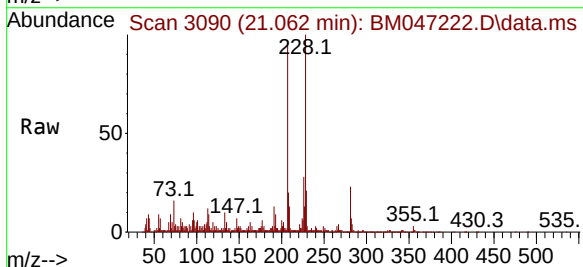
Instrument :
BNA_M
ClientSampleId :
OU4-TS-05-080724

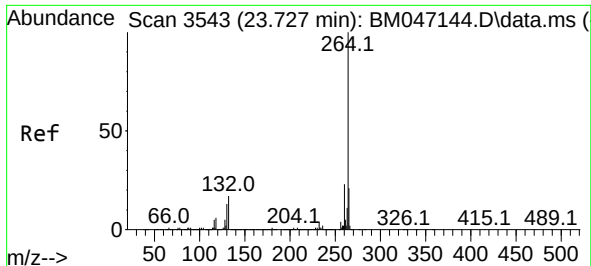
Tgt Ion:228 Resp: 147929
Ion Ratio Lower Upper
228 100
226 29.8 21.8 32.6
229 20.3 15.8 23.8



#83
Chrysene
Concen: 2.660 ng
RT: 21.062 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BM047222.D
Acq: 15 Aug 2024 19:33

Tgt Ion:228 Resp: 163086
Ion Ratio Lower Upper
228 100
226 27.7 24.4 36.6
229 21.4 15.7 23.5

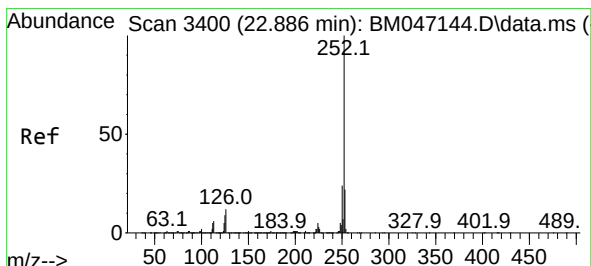
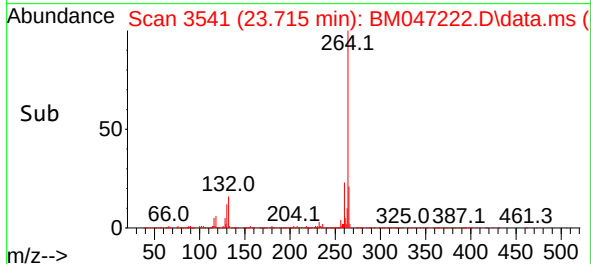
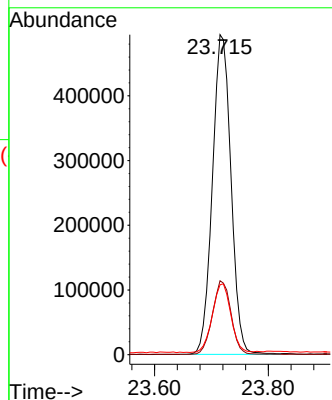
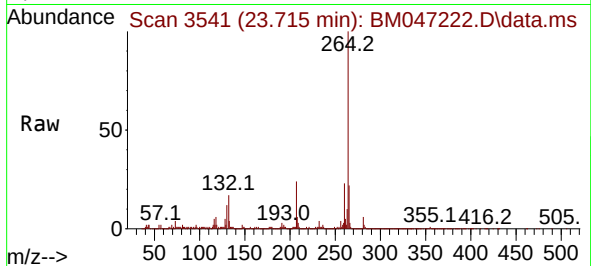




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM047222.D
 Acq: 15 Aug 2024 19:33

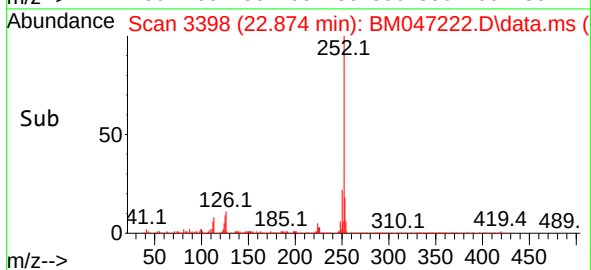
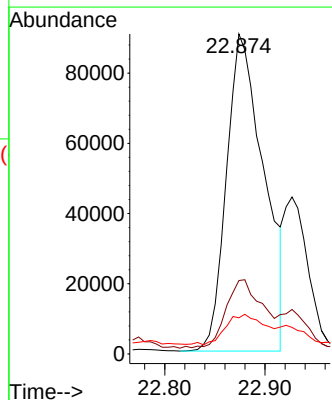
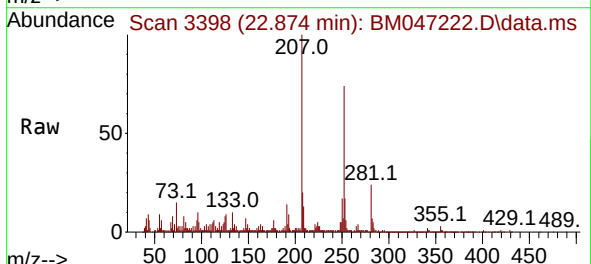
Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-05-080724

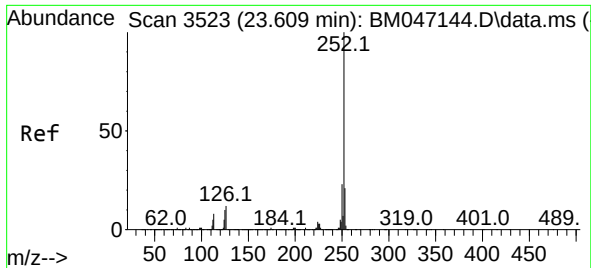
Tgt Ion:264 Resp: 1120925
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.9 17.3 25.9



#88
 Benzo(b)fluoranthene
 Concen: 3.510 ng
 RT: 22.874 min Scan# 3398
 Delta R.T. -0.012 min
 Lab File: BM047222.D
 Acq: 15 Aug 2024 19:33

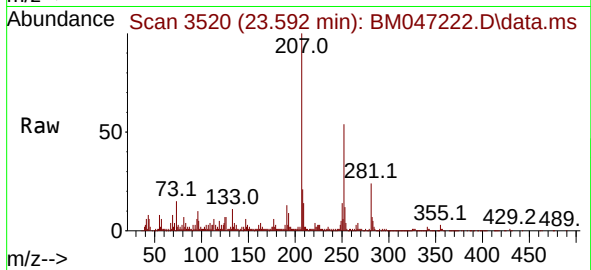
Tgt Ion:252 Resp: 233684
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.8 26.6
 125 11.3 7.4 11.0#





#90
 Benzo(a)pyrene
 Concen: 2.589 ng
 RT: 23.592 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BM047222.D
 Acq: 15 Aug 2024 19:33

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-05-080724



Tgt Ion:252 Resp: 149319
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.1 25.7
 125 13.2 8.2 12.2#

