

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047198.D
 Acq On : 14 Aug 2024 19:31
 Operator : RC/JU
 Sample : P3519-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-20-080724

Quant Time: Aug 15 02:35:20 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)

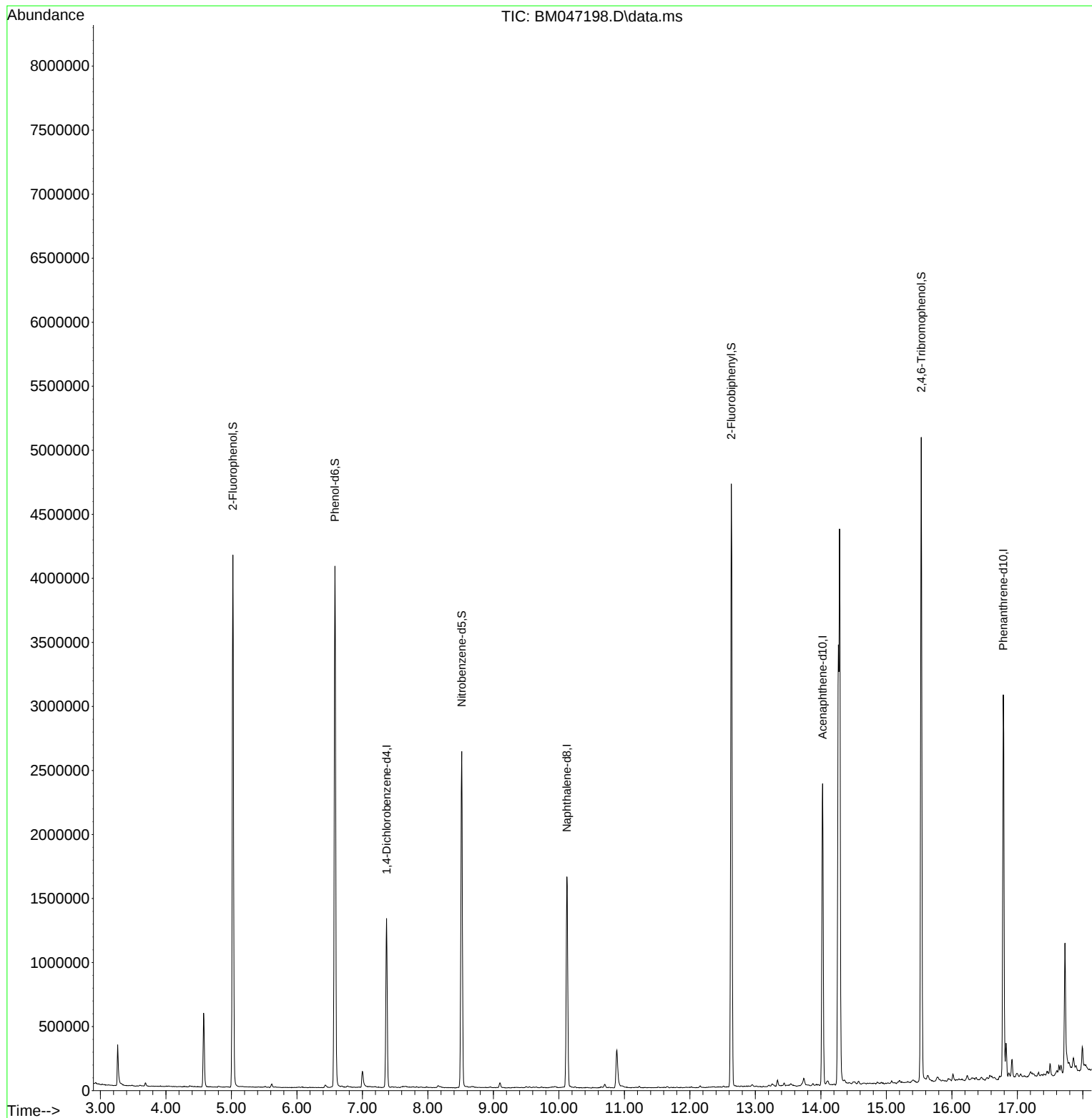
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	350609	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1331382	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	840531	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1738282	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1232387	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1222159	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1693150	86.290	ng	0.00
7) Phenol-d6	6.581	99	2271724	84.023	ng	0.00
23) Nitrobenzene-d5	8.516	82	1486565	56.222	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	856768	87.909	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2468911	45.309	ng	-0.01
79) Terphenyl-d14	19.456	244	3108694	54.051	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.540	77	1364	Below Cal	#	64
75) Fluoranthene	18.862	202	616050	5.806	ng	100
78) Pyrene	19.227	202	549095	6.240	ng	99
81) Benzo(a)anthracene	21.009	228	257504	3.147	ng	98
83) Chrysene	21.062	228	248629	3.203	ng	98
88) Benzo(b)fluoranthene	22.880	252	341945	4.711	ng	# 97
89) Benzo(k)fluoranthene	22.880	252	341945	4.988	ng	# 97
90) Benzo(a)pyrene	23.591	252	220371	3.505	ng	# 94
92) Benzo(g,h,i)perylene	27.626	276	158097	2.382	ng	94

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

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OU4-TS-20-080724

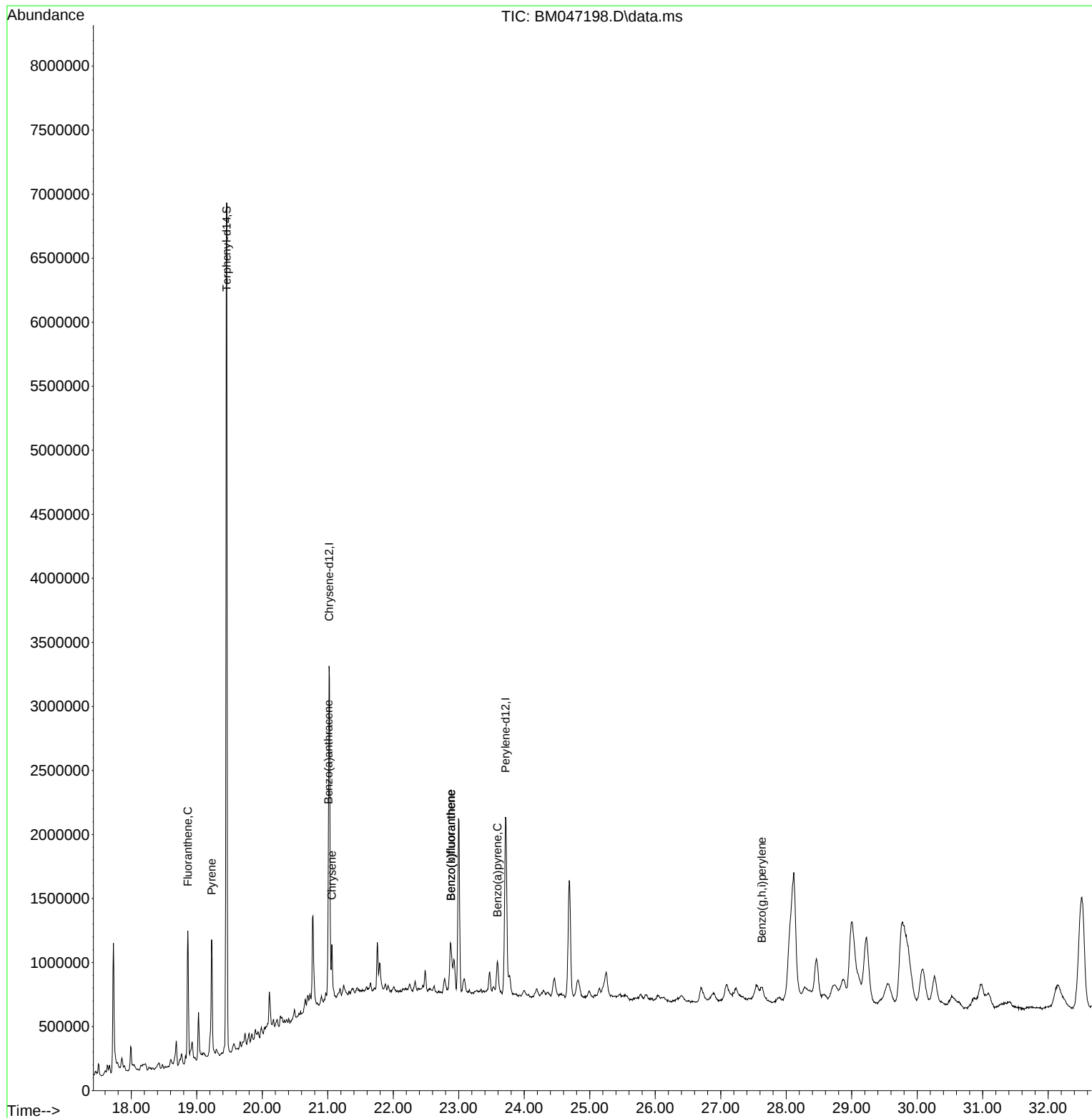
Quant Time: Aug 15 02:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

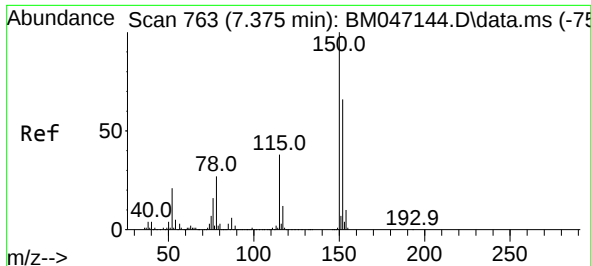


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
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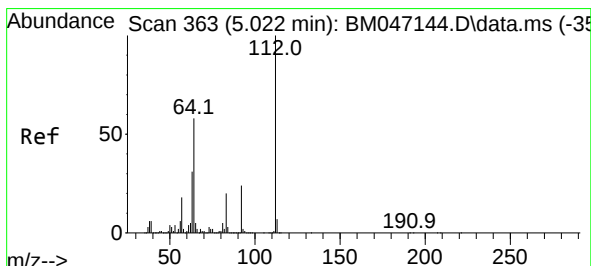
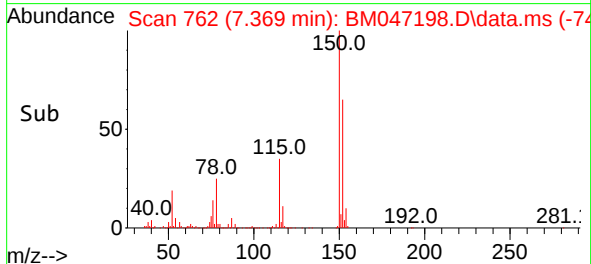
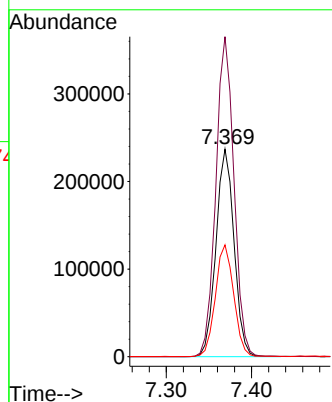
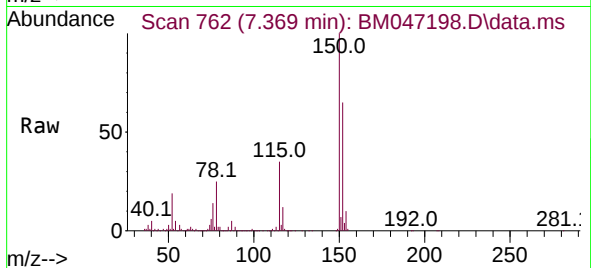




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

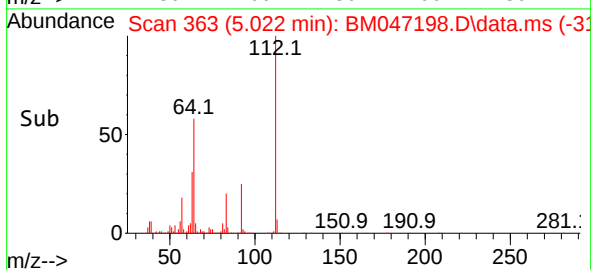
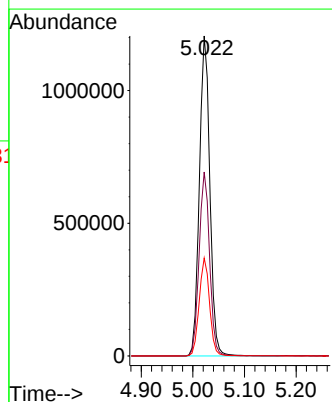
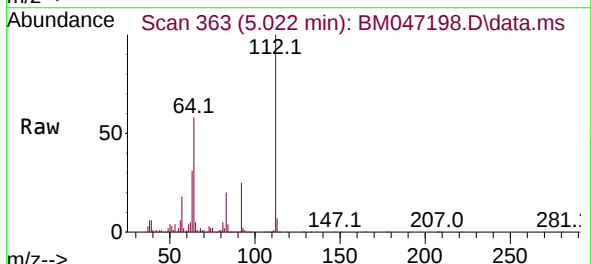
Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724

Tgt Ion:152 Resp: 350609
Ion Ratio Lower Upper
152 100
150 154.2 120.5 180.7
115 53.9 45.5 68.3



#5
2-Fluorophenol
Concen: 86.290 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Tgt Ion:112 Resp: 1693150
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 30.6 24.8 37.2



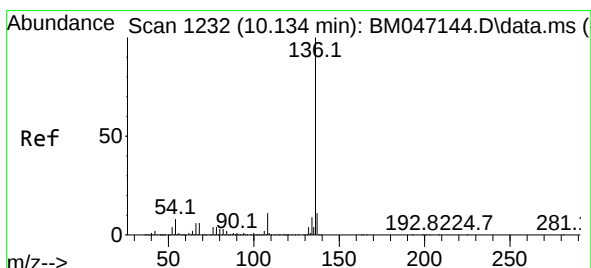
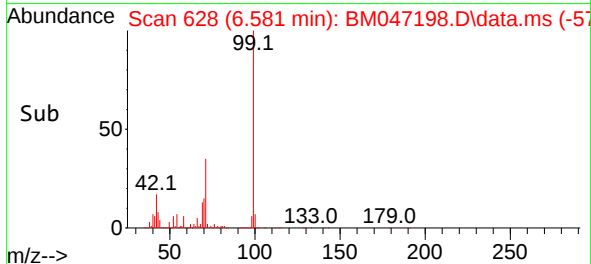
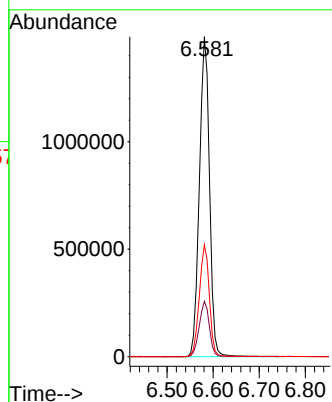
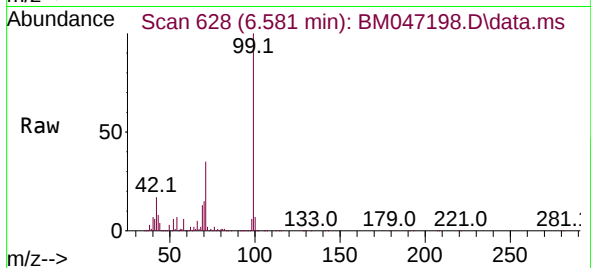


#7
Phenol-d6
Concen: 84.023 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724

Tgt Ion: 99 Resp: 2271724

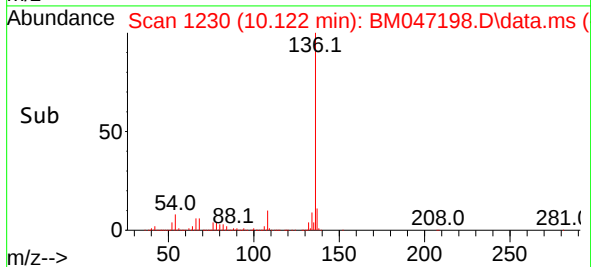
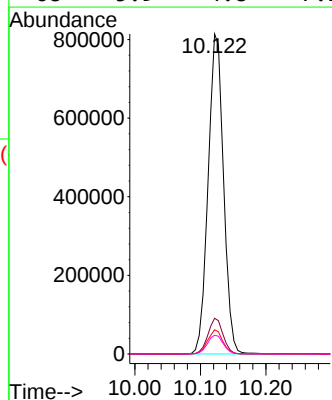
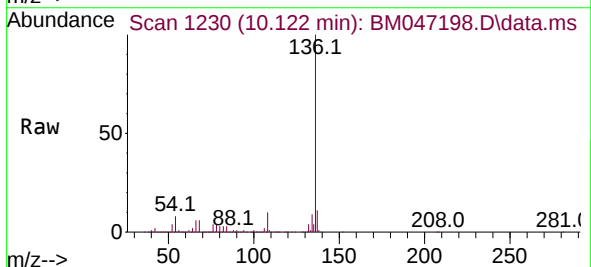
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	35.0	28.5	42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Tgt Ion: 136 Resp: 1331382

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.5	6.0	9.0
68	5.9	4.8	7.2

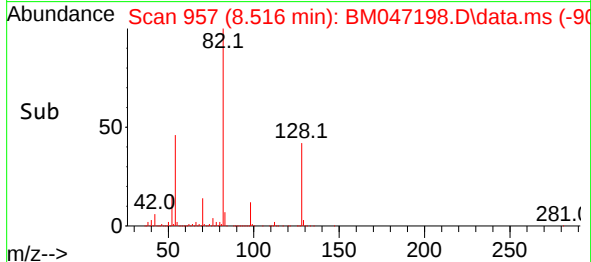
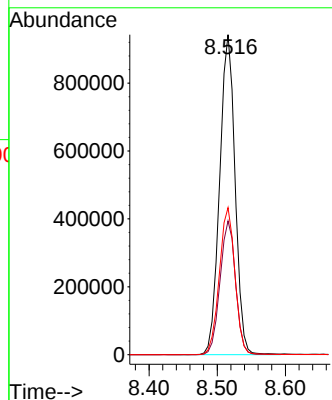
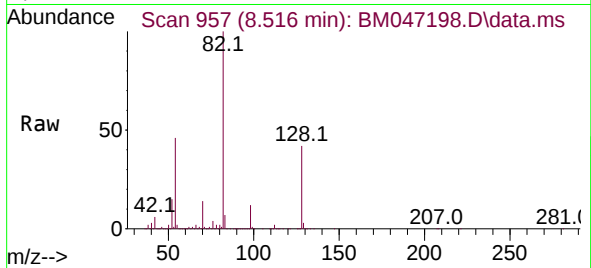




#23
Nitrobenzene-d5
Concen: 56.222 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

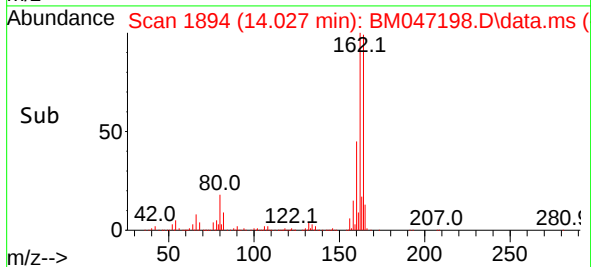
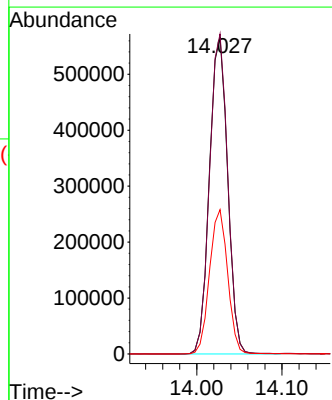
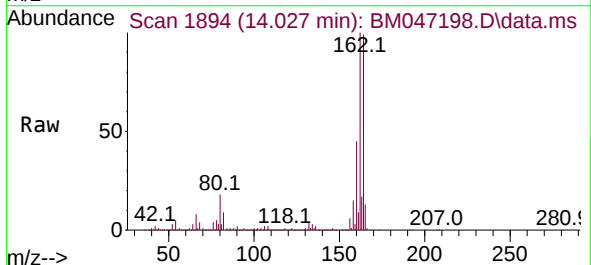
Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724

Tgt Ion: 82 Resp: 1486565
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 46.0 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

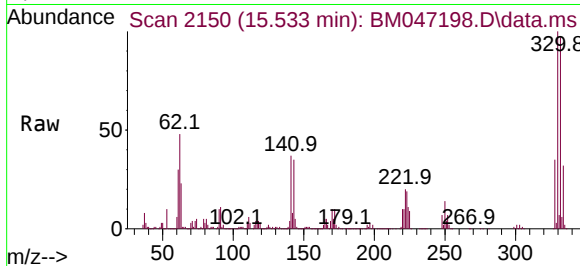
Tgt Ion: 164 Resp: 840531
Ion Ratio Lower Upper
164 100
162 101.0 80.7 121.1
160 45.5 36.0 54.0



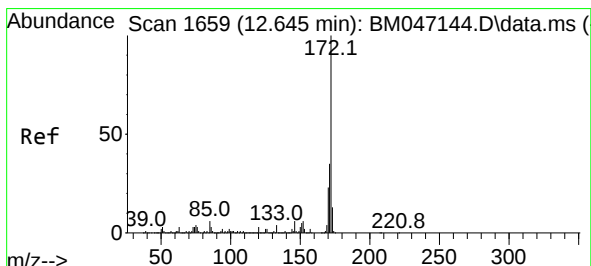
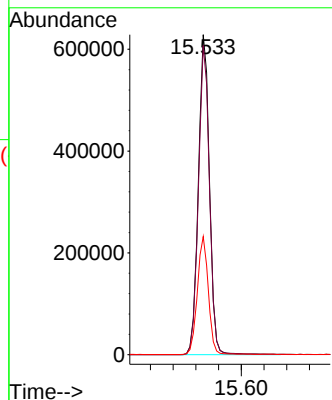
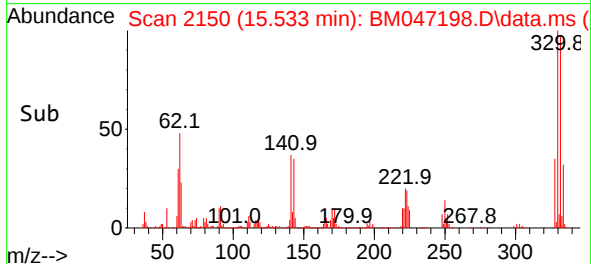


#42
2,4,6-Tribromophenol
Concen: 87.909 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

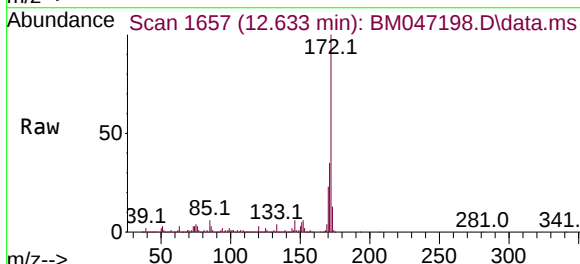
Instrument :
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ClientSampleId :
OU4-TS-20-080724



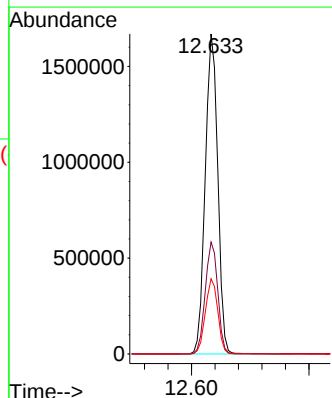
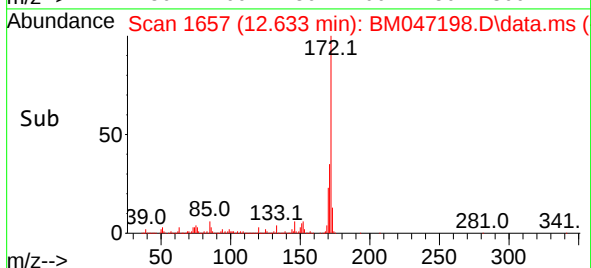
Tgt Ion:330 Resp: 856768
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 36.5 31.6 47.4

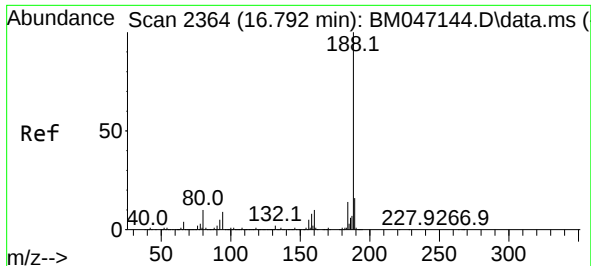


#45
2-Fluorobiphenyl
Concen: 45.309 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31



Tgt Ion:172 Resp: 2468911
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.5 18.7 28.1

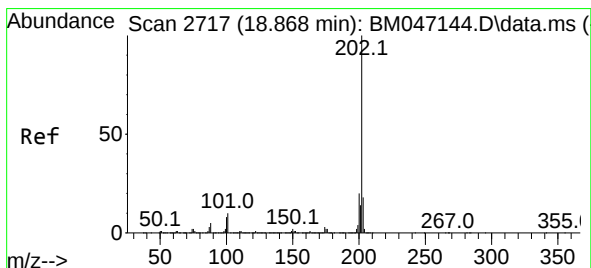
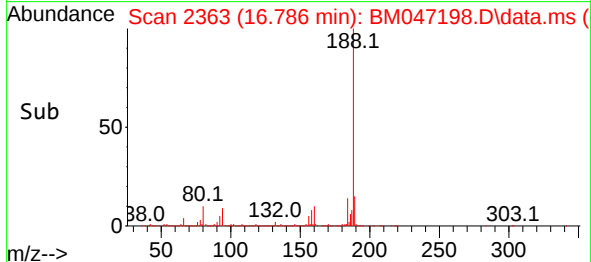
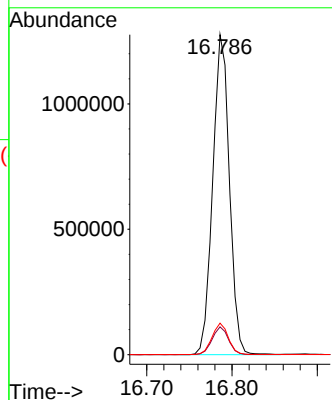
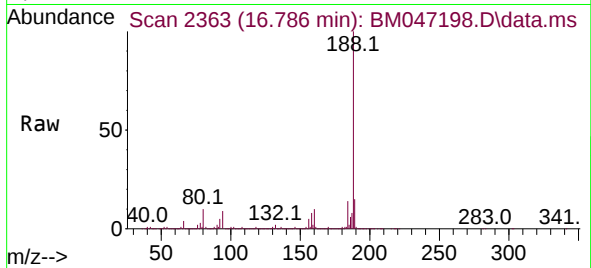




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

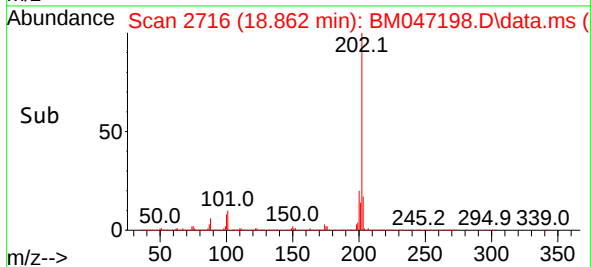
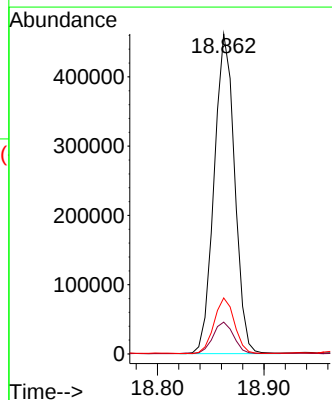
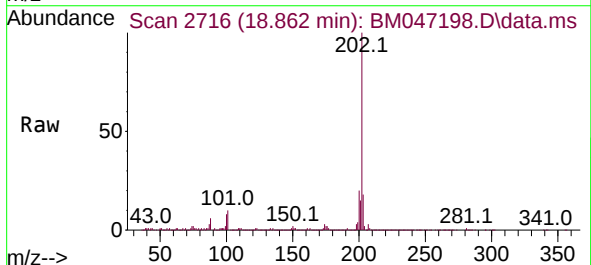
Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724

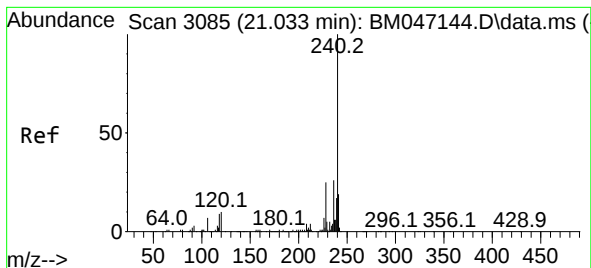
Tgt Ion:188 Resp: 1738282
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.9 8.0 12.0



#75
Fluoranthene
Concen: 5.806 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Tgt Ion:202 Resp: 616050
Ion Ratio Lower Upper
202 100
101 10.0 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: BM047198.D

Acq: 14 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

OU4-TS-20-080724

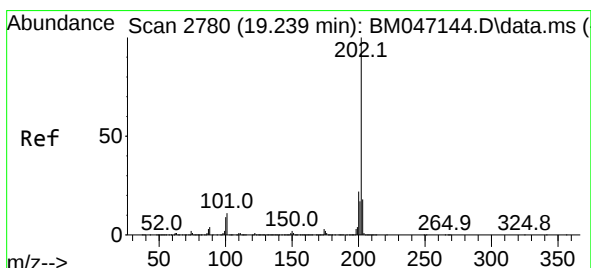
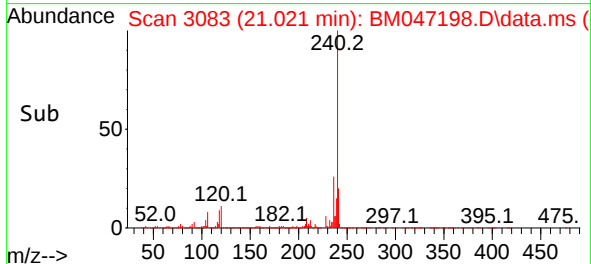
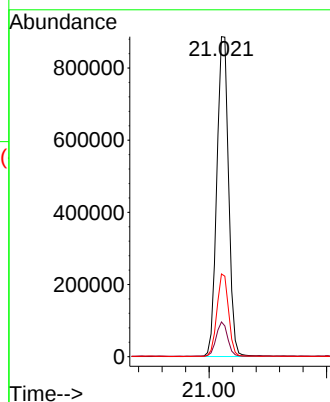
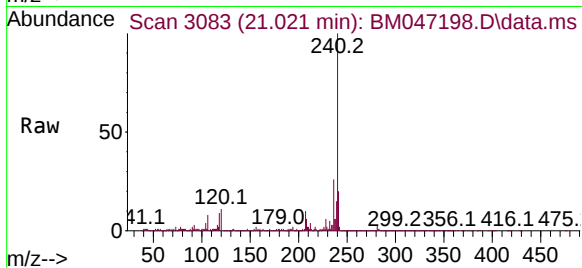
Tgt Ion:240 Resp: 1232387

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 25.8 20.6 30.8



#78

Pyrene

Concen: 6.240 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047198.D

Acq: 14 Aug 2024 19:31

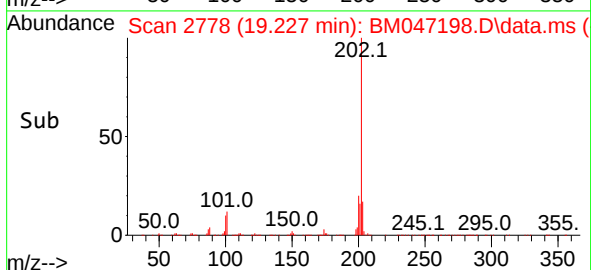
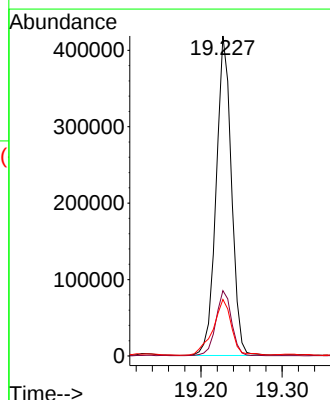
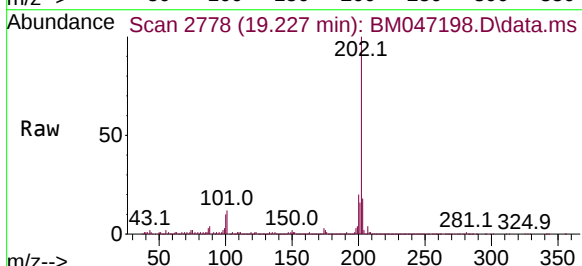
Tgt Ion:202 Resp: 549095

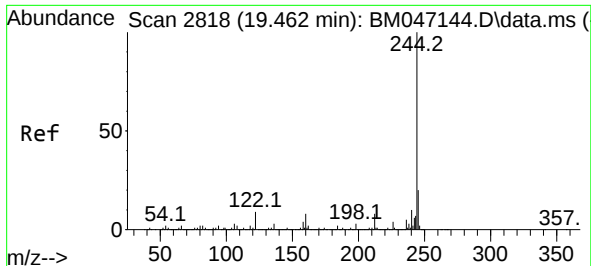
Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 17.7 14.2 21.2

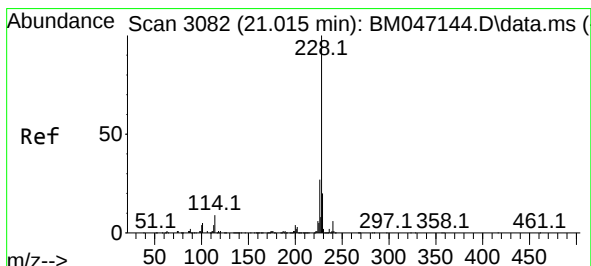
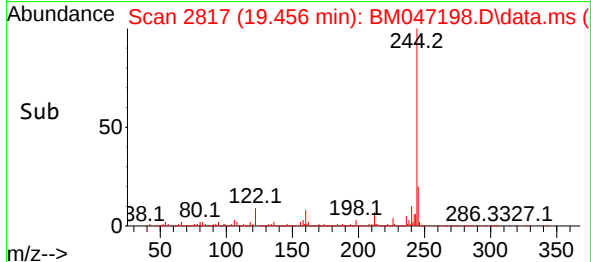
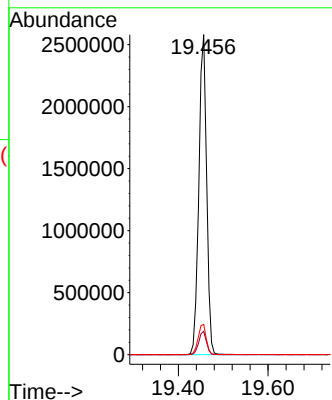
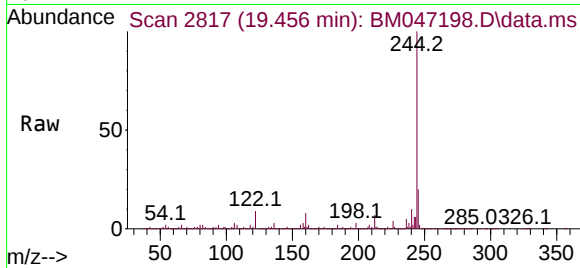




#79
 Terphenyl-d14
 Concen: 54.051 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047198.D
 Acq: 14 Aug 2024 19:31

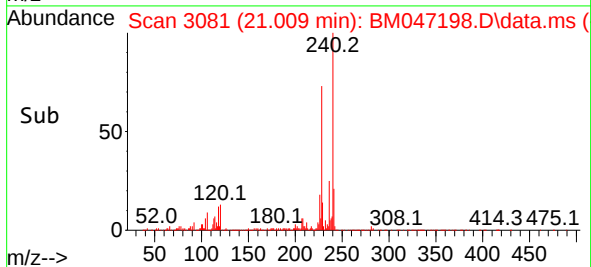
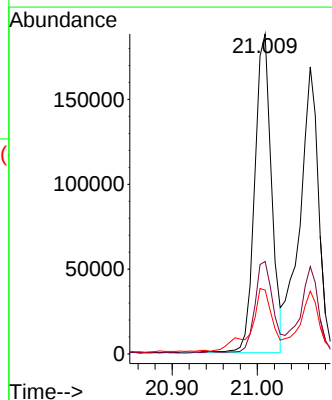
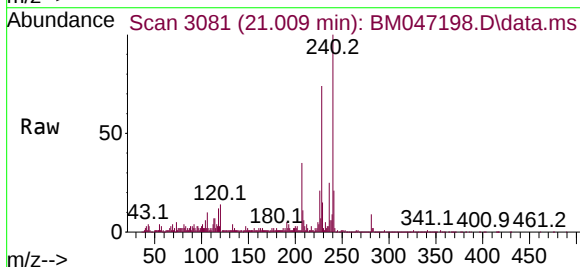
Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-20-080724

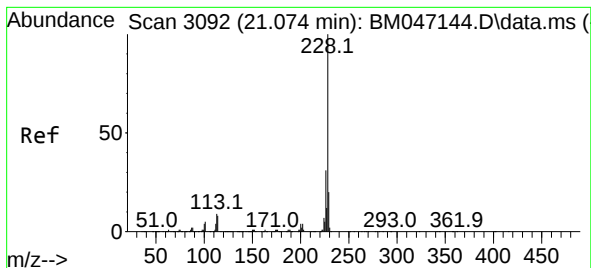
Tgt Ion:244 Resp: 3108694
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.5 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 3.147 ng
 RT: 21.009 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BM047198.D
 Acq: 14 Aug 2024 19:31

Tgt Ion:228 Resp: 257504
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.8 32.6
 229 20.0 15.8 23.8





#83

Chrysene

Concen: 3.203 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047198.D

Acq: 14 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

OU4-TS-20-080724

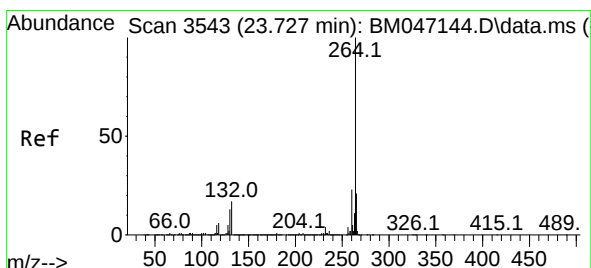
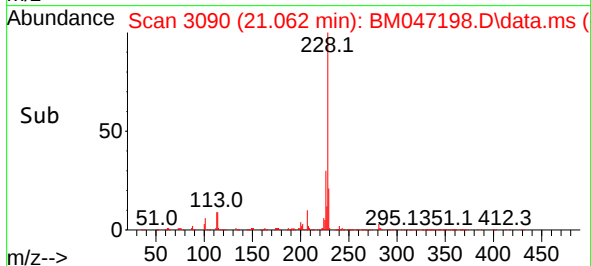
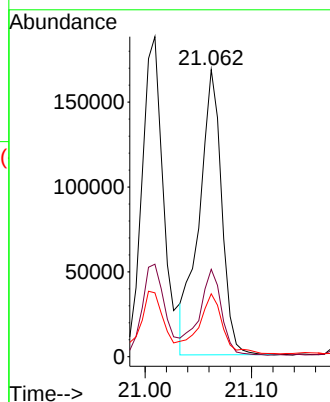
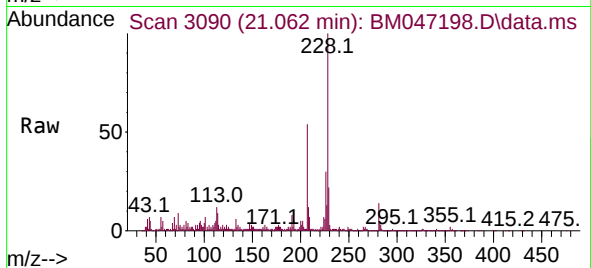
Tgt Ion:228 Resp: 248629

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 21.9 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047198.D

Acq: 14 Aug 2024 19:31

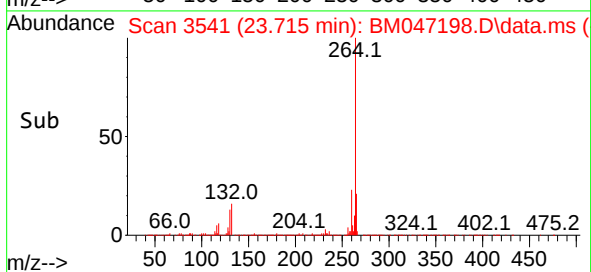
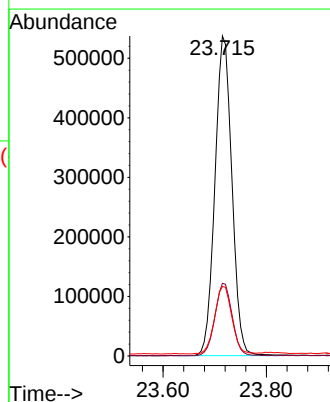
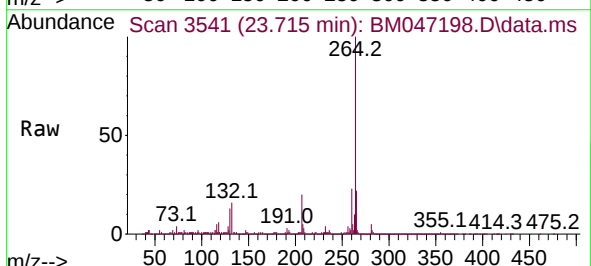
Tgt Ion:264 Resp: 1222159

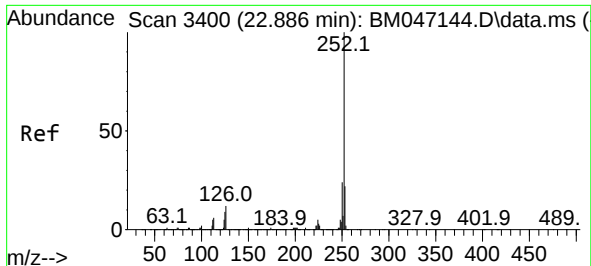
Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.7 17.3 25.9

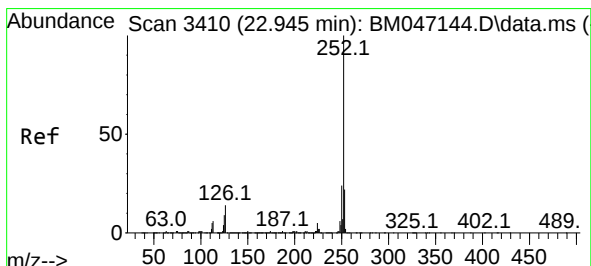
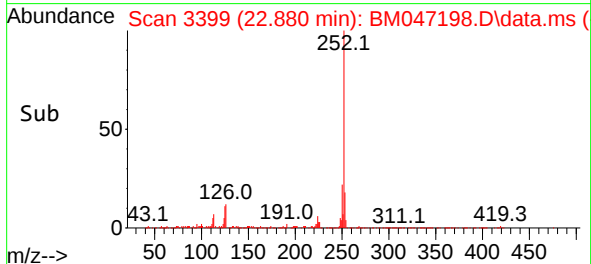
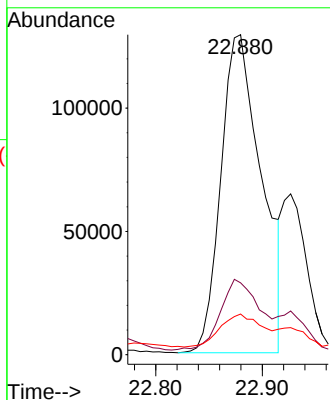
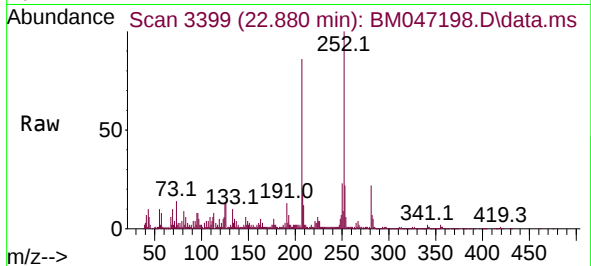




#88
Benzo(b)fluoranthene
Concen: 4.711 ng
RT: 22.880 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

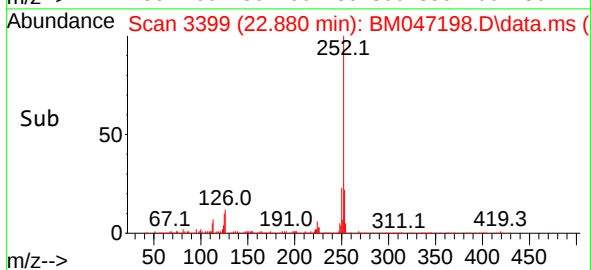
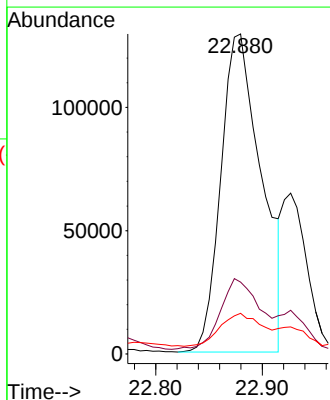
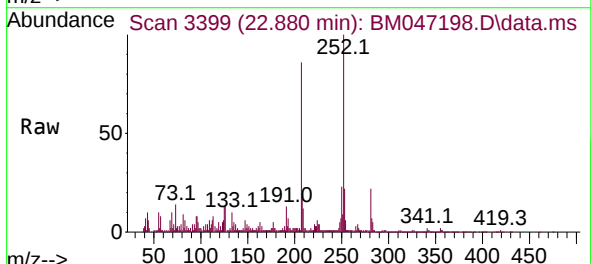
Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724

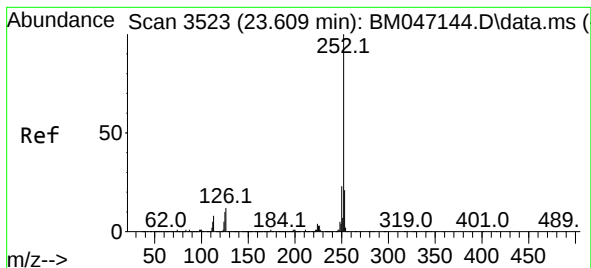
Tgt Ion:252 Resp: 341945
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.7 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 4.988 ng
RT: 22.880 min Scan# 3399
Delta R.T. -0.065 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Tgt Ion:252 Resp: 341945
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.7 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 3.505 ng

RT: 23.591 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM047198.D

Acq: 14 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

OU4-TS-20-080724

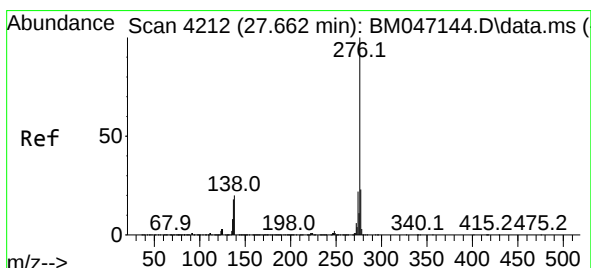
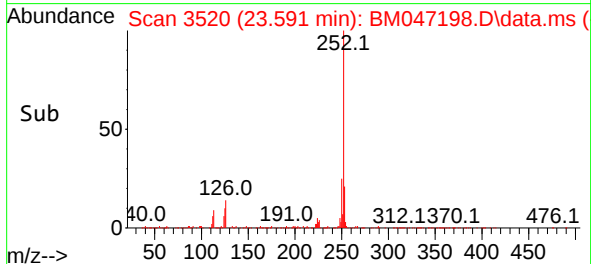
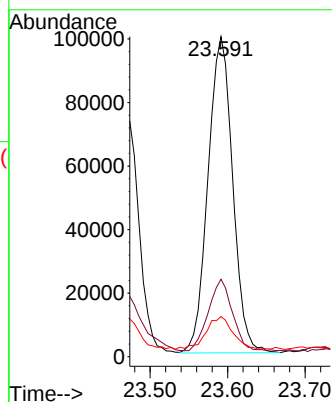
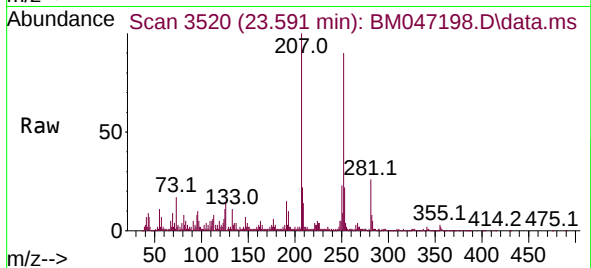
Tgt Ion:252 Resp: 220371

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 12.6 8.2 12.2#



#92

Benzo(g,h,i)perylene

Concen: 2.382 ng

RT: 27.626 min Scan# 4206

Delta R.T. -0.036 min

Lab File: BM047198.D

Acq: 14 Aug 2024 19:31

Tgt Ion:276 Resp: 158097

Ion Ratio Lower Upper

276 100

277 27.2 18.8 28.2

138 22.1 16.2 24.4

