

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047200.D
 Acq On : 14 Aug 2024 20:51
 Operator : RC/JU
 Sample : P3519-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-22-080724

Quant Time: Aug 15 02:36:27 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)

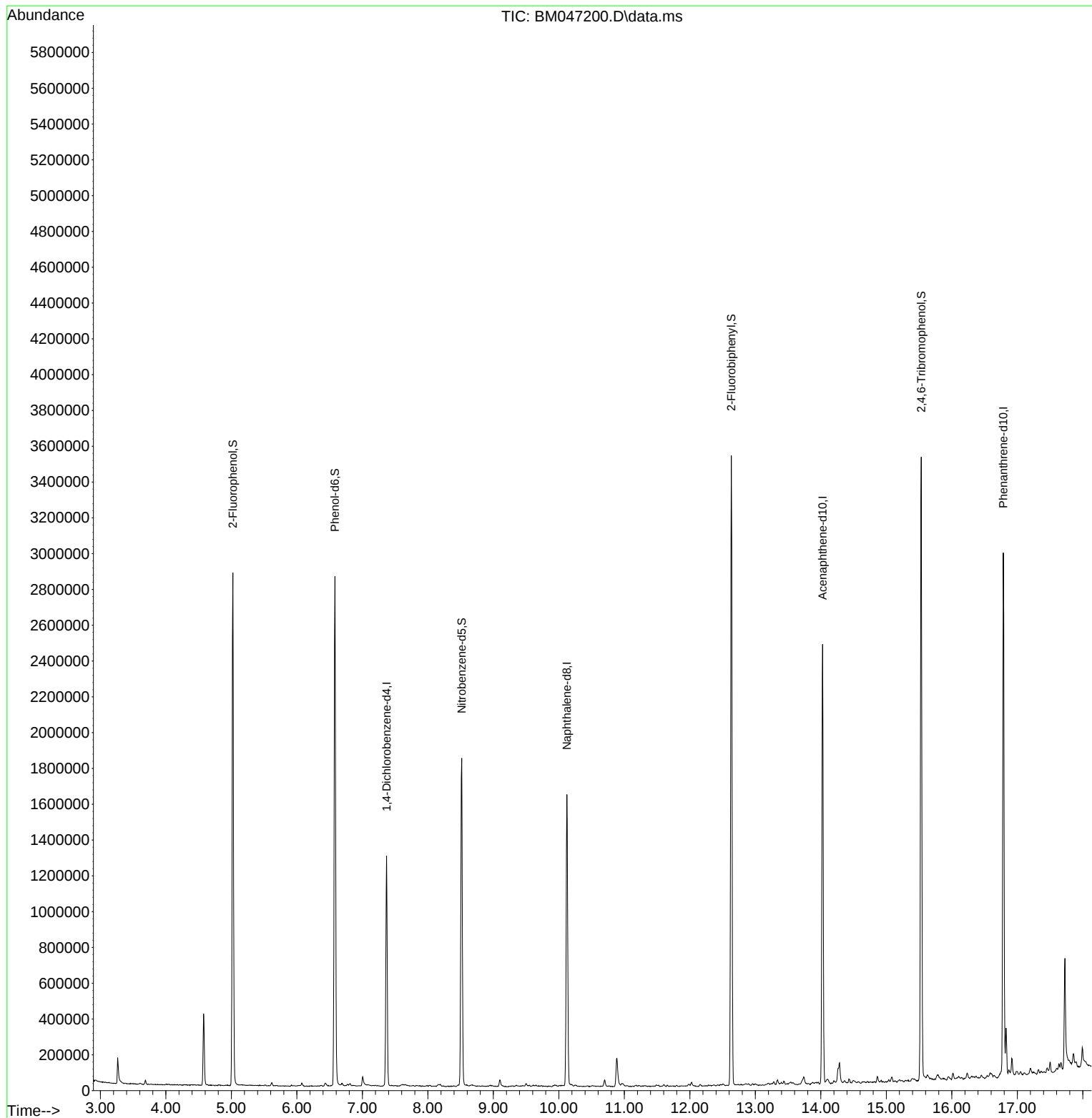
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	339424	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1309331	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	840826	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1673778	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1171940	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1165353	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1183129	62.284	ng	0.00
7) Phenol-d6	6.581	99	1583275	60.489	ng	0.00
23) Nitrobenzene-d5	8.516	82	1052821	40.489	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	613676	62.944	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1853107	33.996	ng	-0.01
79) Terphenyl-d14	19.457	244	2281299	41.711	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	951	Below Cal	#	50
75) Fluoranthene	18.862	202	356690	3.491	ng	99
78) Pyrene	19.227	202	301445	3.602	ng	99
88) Benzo(b)fluoranthene	22.874	252	170537	2.464	ng	# 95
89) Benzo(k)fluoranthene	22.874	252	170537	2.609	ng	# 95

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

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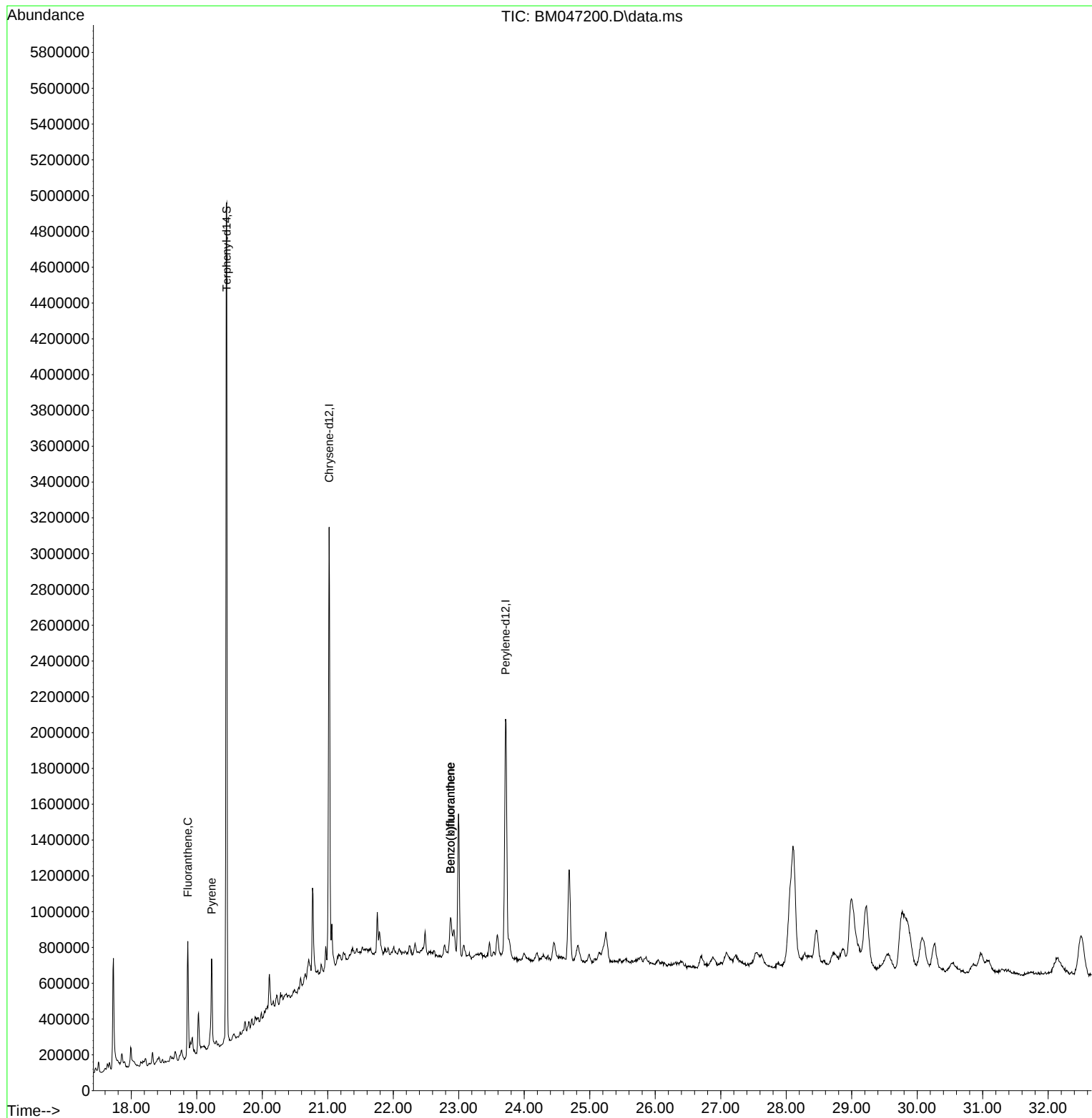
Quant Time: Aug 15 02:36:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

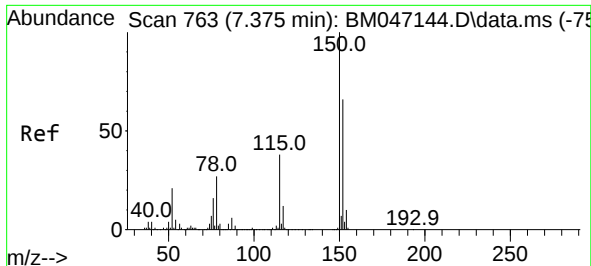


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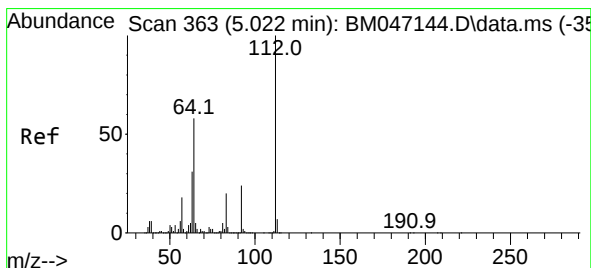
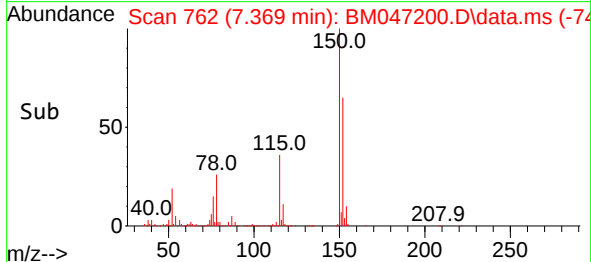
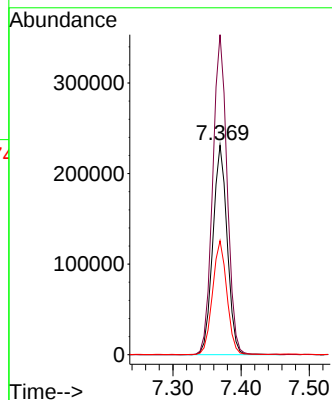
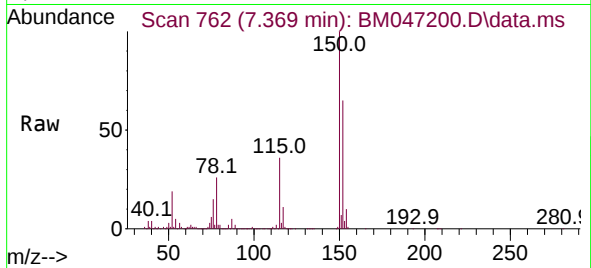




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

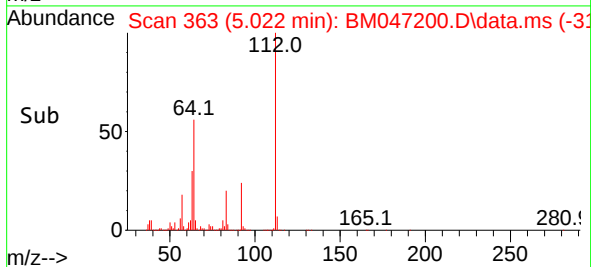
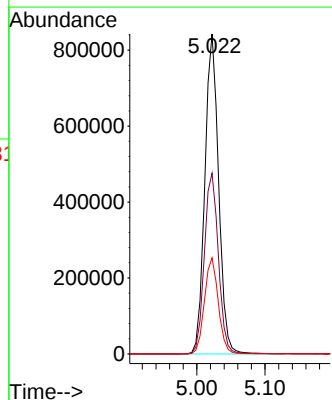
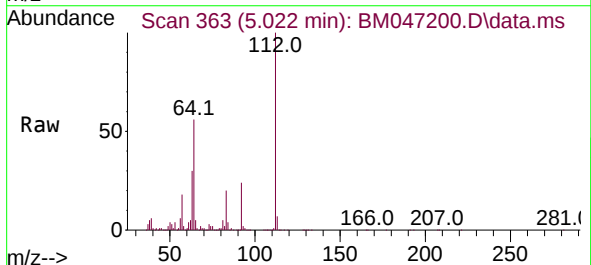
Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

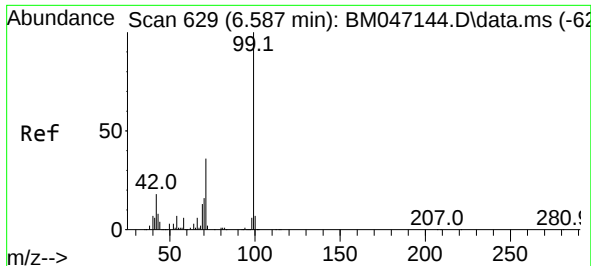
Tgt Ion:152 Resp: 339424
Ion Ratio Lower Upper
152 100
150 152.8 120.5 180.7
115 54.4 45.5 68.3



#5
2-Fluorophenol
Concen: 62.284 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

Tgt Ion:112 Resp: 1183129
Ion Ratio Lower Upper
112 100
64 56.5 46.7 70.1
63 30.0 24.8 37.2

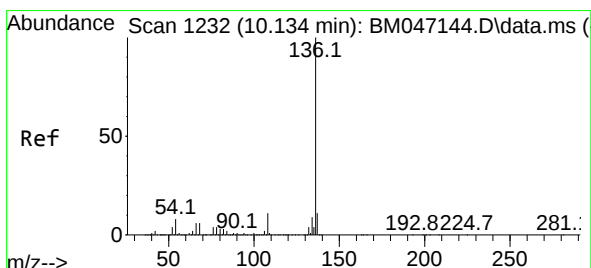
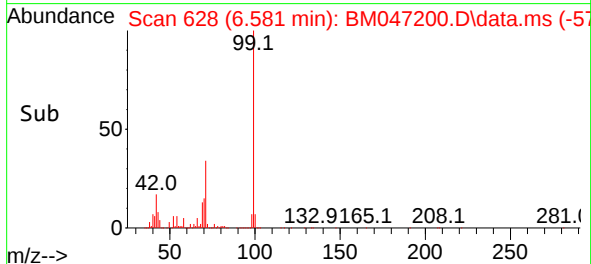
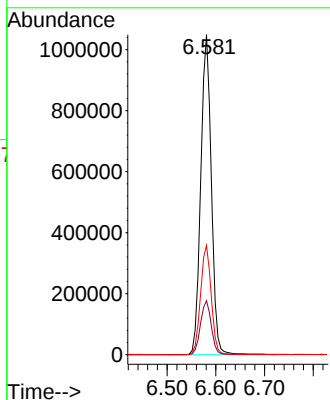
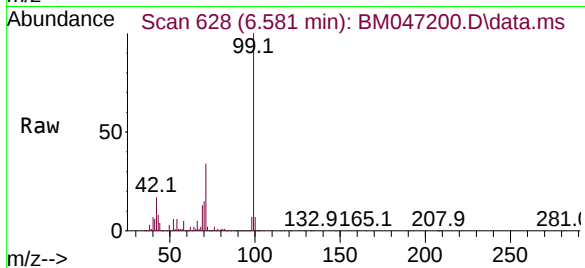




#7
Phenol-d6
Concen: 60.489 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

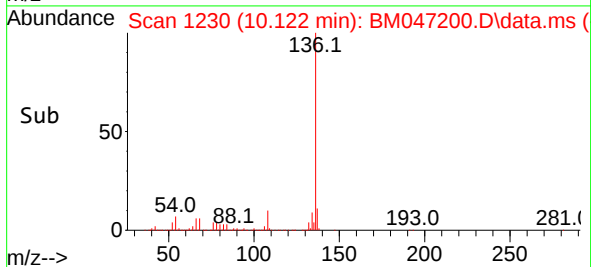
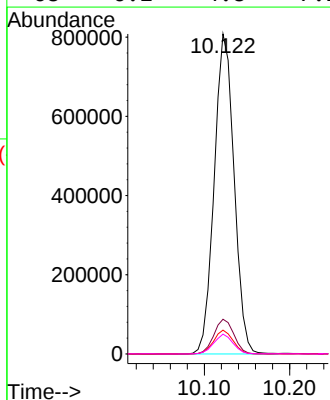
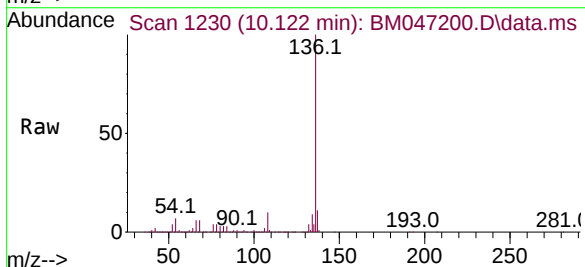
Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

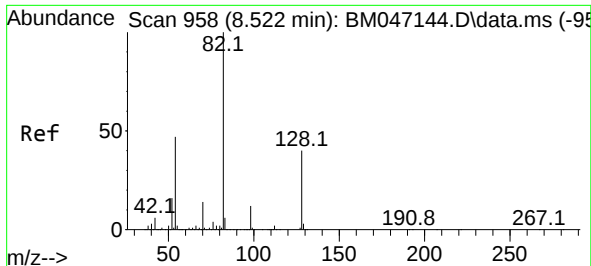
Tgt Ion: 99 Resp: 1583275
Ion Ratio Lower Upper
99 100
42 16.9 14.1 21.1
71 34.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

Tgt Ion: 136 Resp: 1309331
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 6.0 9.0
68 6.2 4.8 7.2

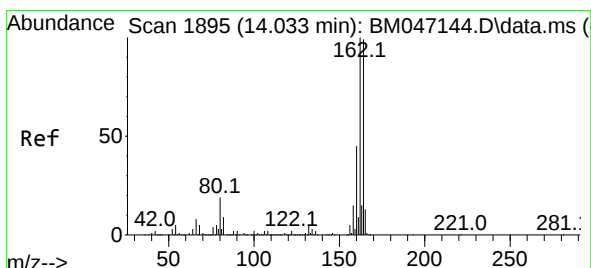
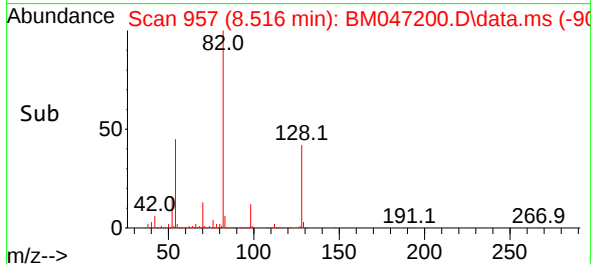
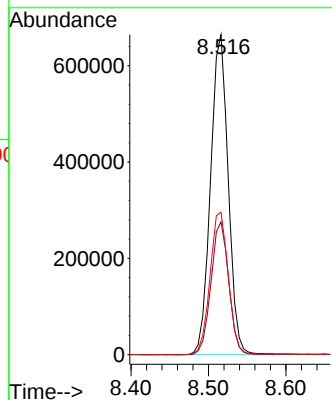
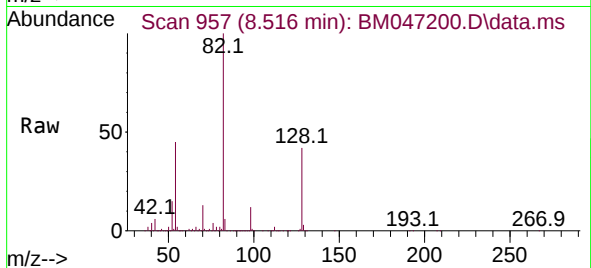




#23
Nitrobenzene-d5
Concen: 40.489 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

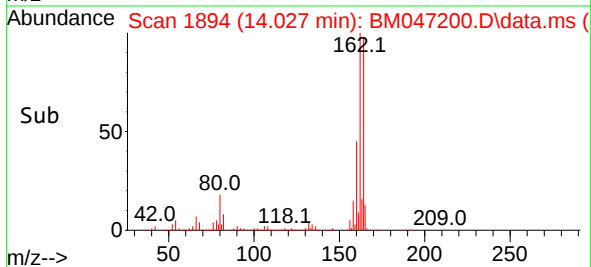
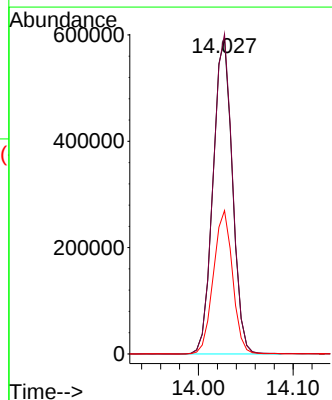
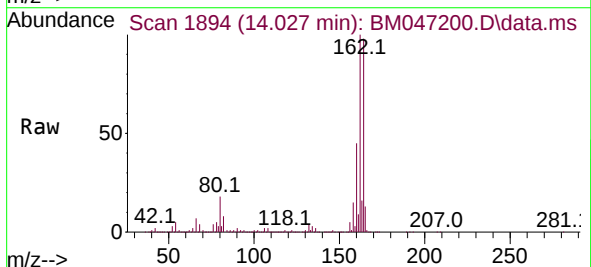
Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

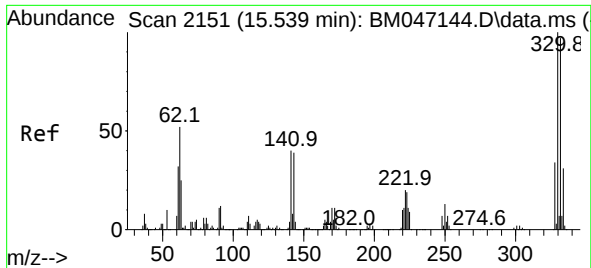
Tgt Ion: 82 Resp: 1052821
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 44.6 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

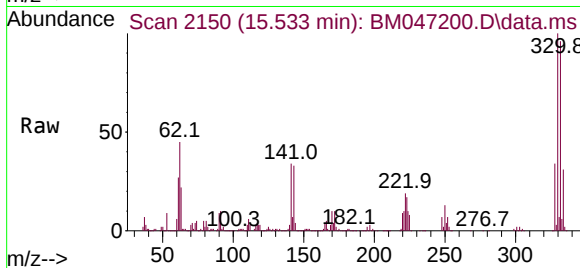
Tgt Ion:164 Resp: 840826
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 45.6 36.0 54.0



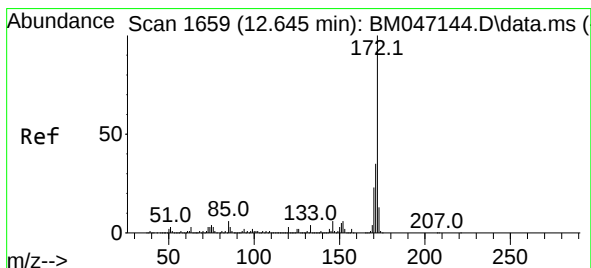
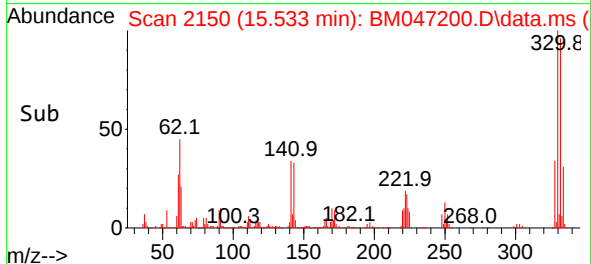
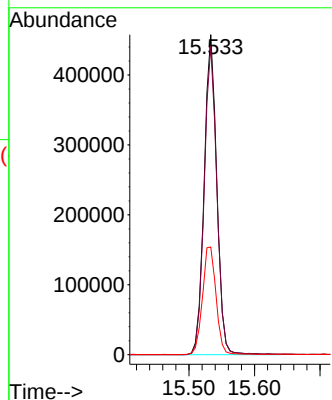


#42
2,4,6-Tribromophenol
Concen: 62.944 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

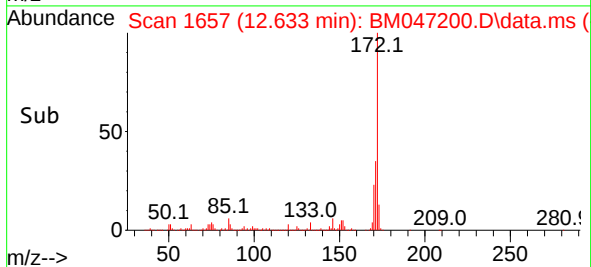
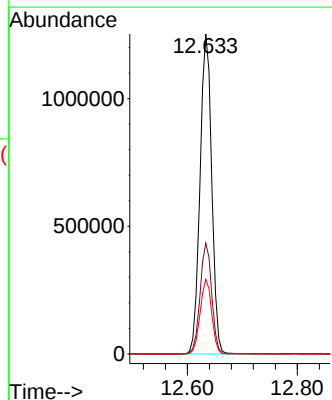
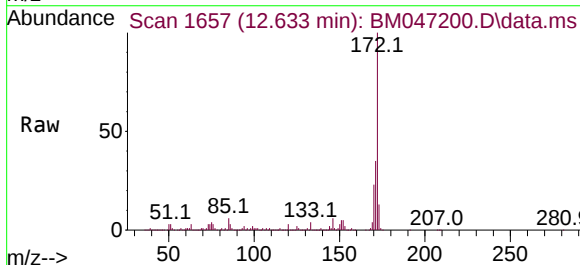


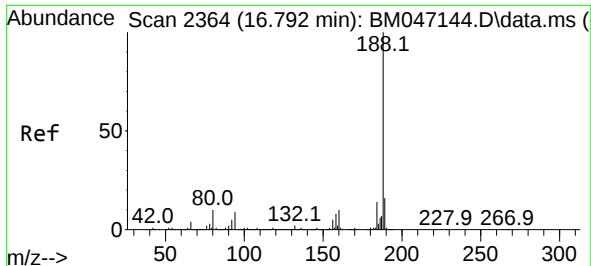
Tgt Ion:330 Resp: 613676
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 36.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 33.996 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

Tgt Ion:172 Resp: 1853107
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 18.7 28.1

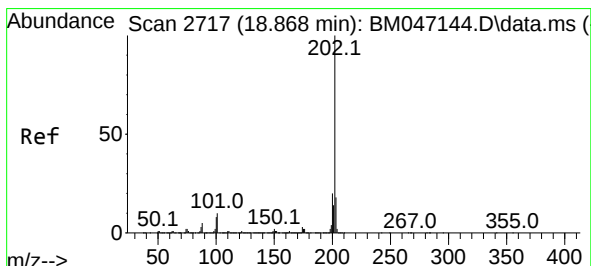
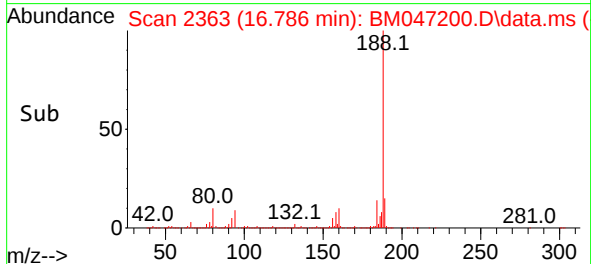
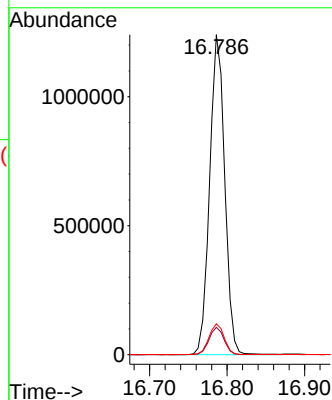
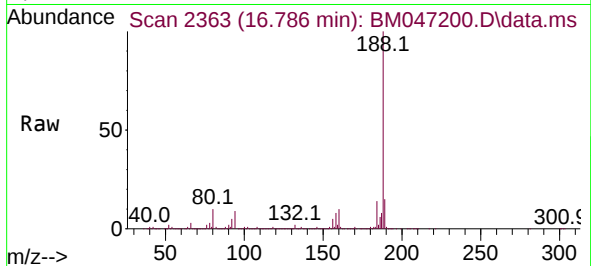




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

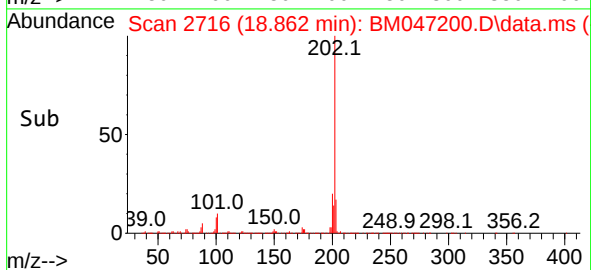
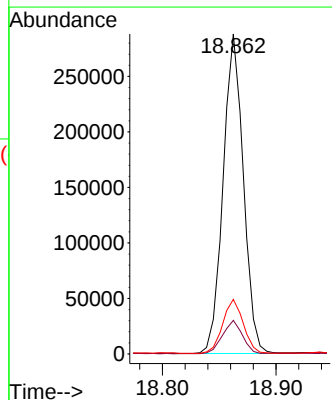
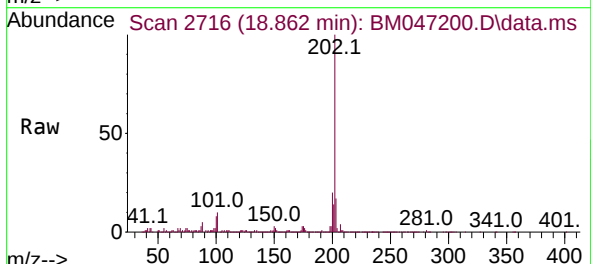
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ClientSampleId :
OU4-TS-22-080724

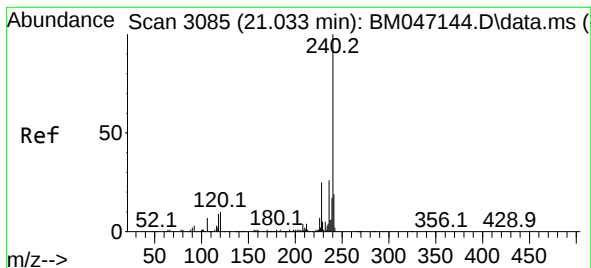
Tgt Ion:188 Resp: 1673778
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.7 8.0 12.0



#75
Fluoranthene
Concen: 3.491 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

Tgt Ion:202 Resp: 356690
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.1 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: BM047200.D

Acq: 14 Aug 2024 20:51

Instrument :

BNA_M

ClientSampleId :

OU4-TS-22-080724

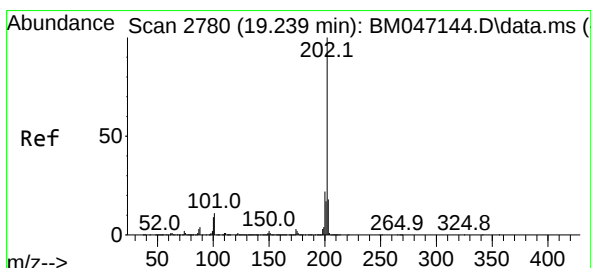
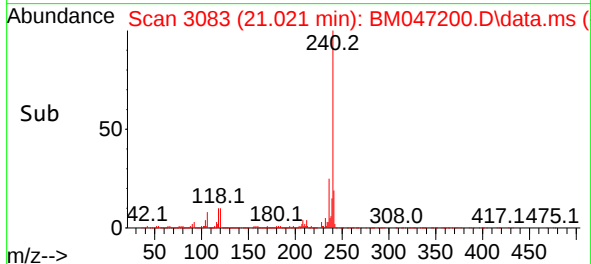
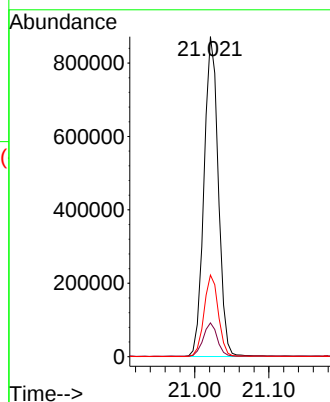
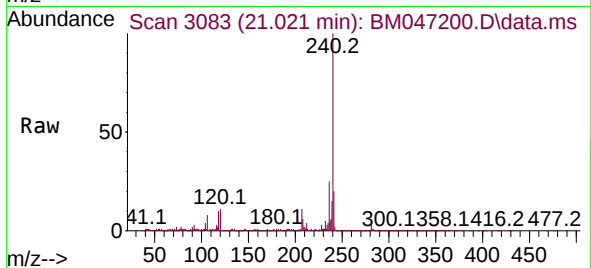
Tgt Ion:240 Resp: 1171940

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

236 25.5 20.6 30.8



#78

Pyrene

Concen: 3.602 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047200.D

Acq: 14 Aug 2024 20:51

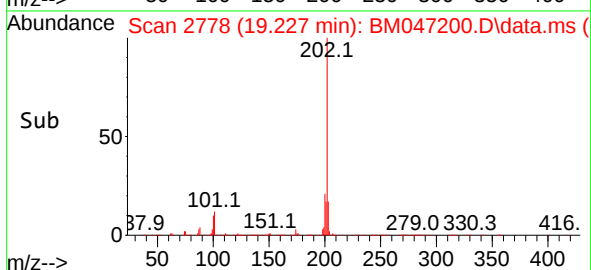
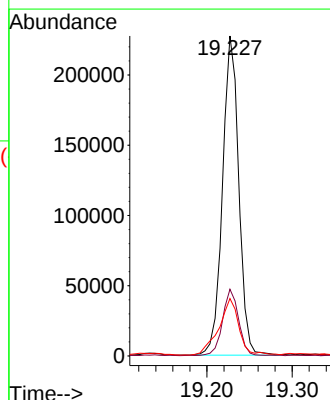
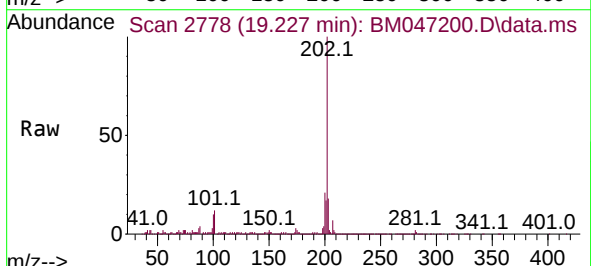
Tgt Ion:202 Resp: 301445

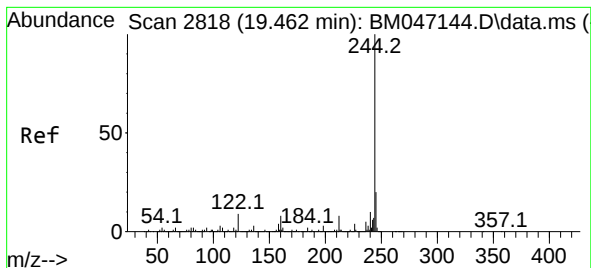
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 41.711 ng

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047200.D

Acq: 14 Aug 2024 20:51

Instrument :

BNA_M

ClientSampleId :

OU4-TS-22-080724

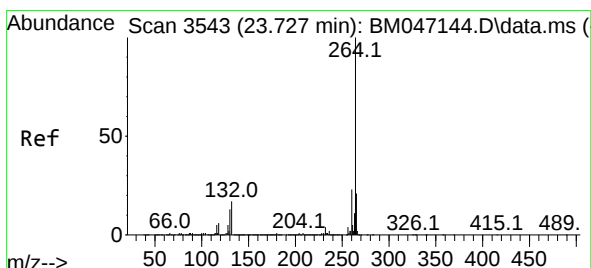
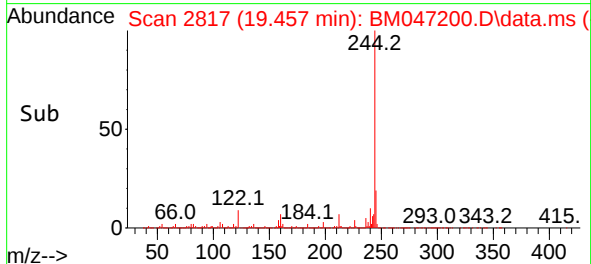
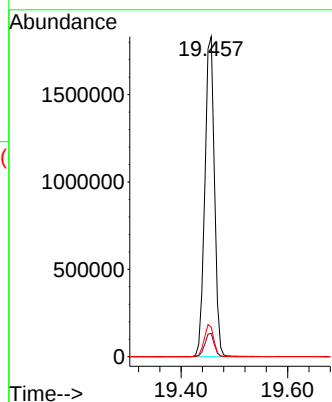
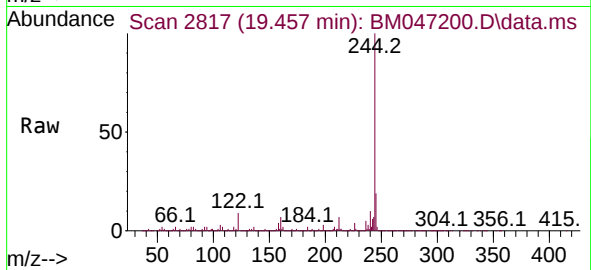
Tgt Ion:244 Resp: 2281299

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 9.2 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047200.D

Acq: 14 Aug 2024 20:51

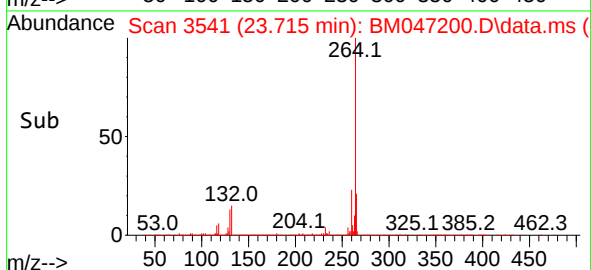
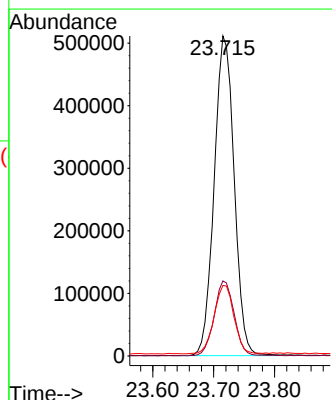
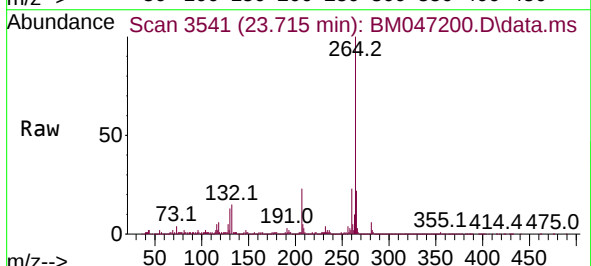
Tgt Ion:264 Resp: 1165353

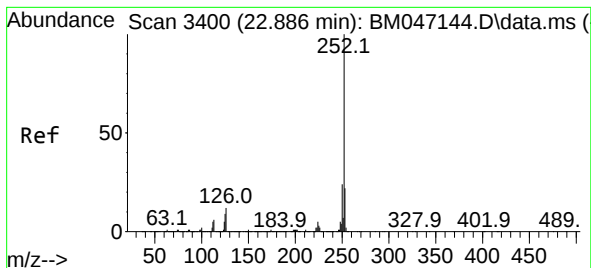
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.0 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.464 ng

RT: 22.874 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047200.D

Acq: 14 Aug 2024 20:51

Instrument :

BNA_M

ClientSampleId :

OU4-TS-22-080724

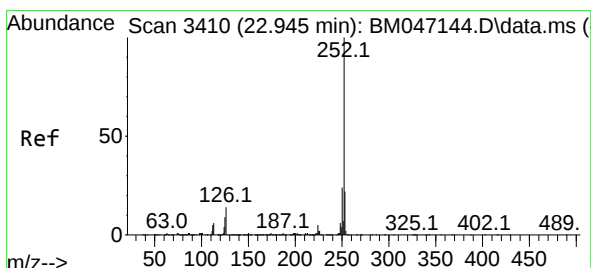
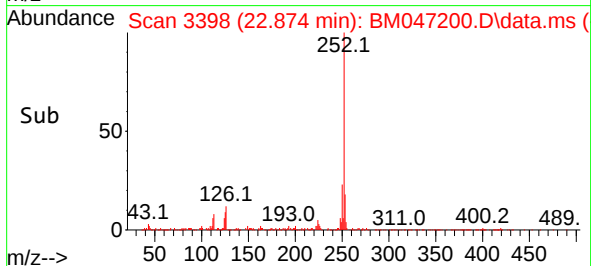
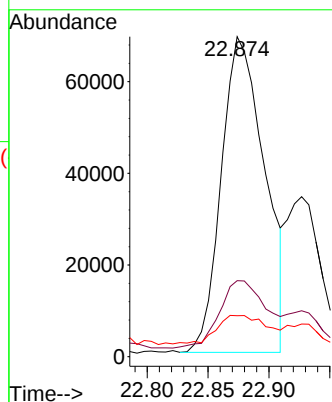
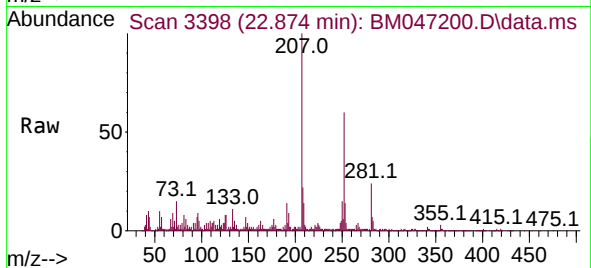
Tgt Ion:252 Resp: 170537

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 12.8 7.4 11.0#



#89

Benzo(k)fluoranthene

Concen: 2.609 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.071 min

Lab File: BM047200.D

Acq: 14 Aug 2024 20:51

Tgt Ion:252 Resp: 170537

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 12.8 7.4 11.2#

