

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)

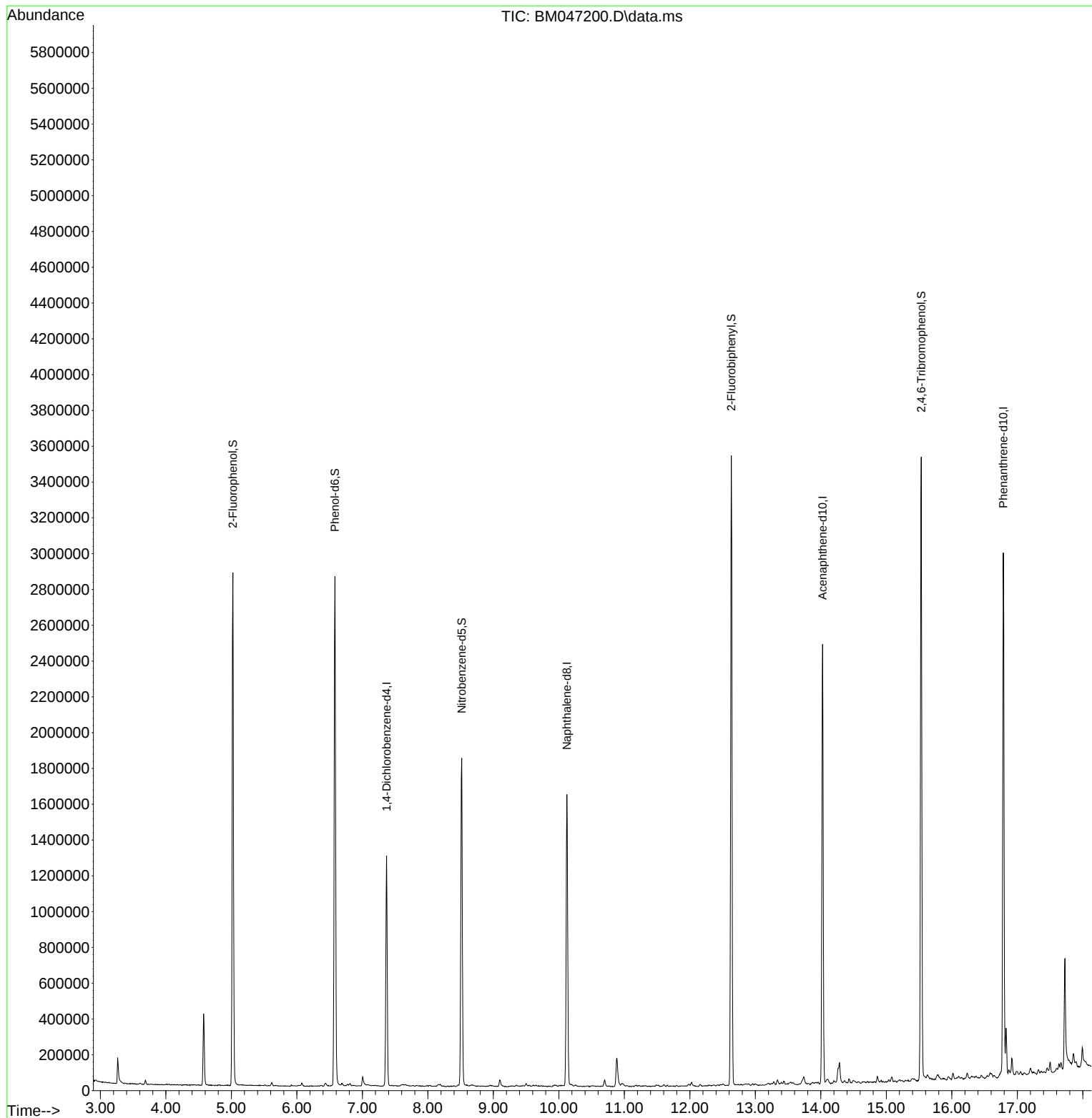
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	339424	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1309331	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	840826	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1673778	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1171940	20.000	ng	-0.01
86) 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
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

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

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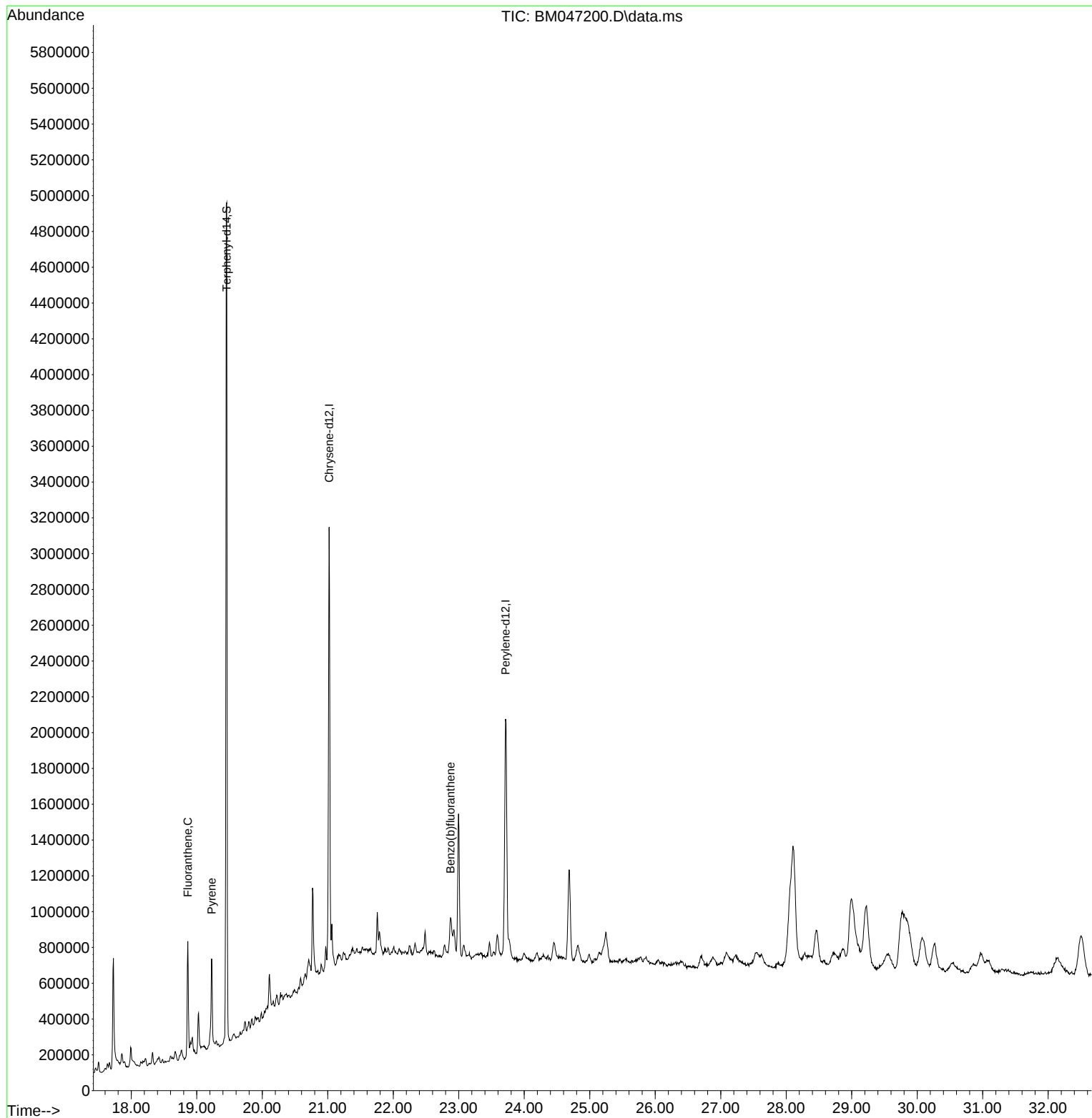
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

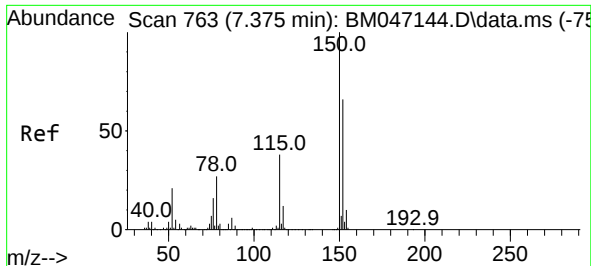


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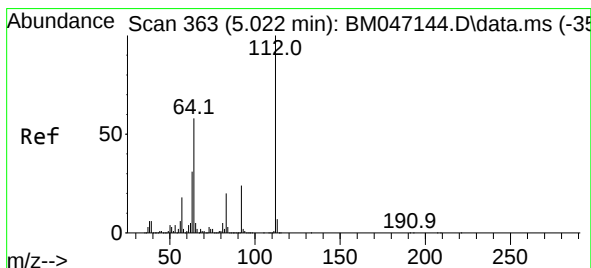
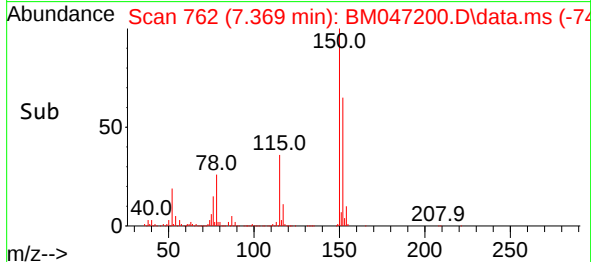
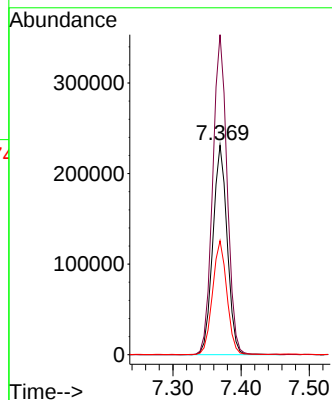
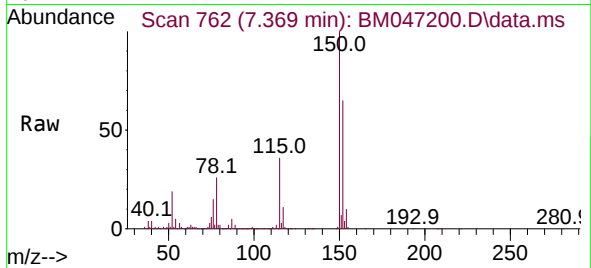




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 762
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

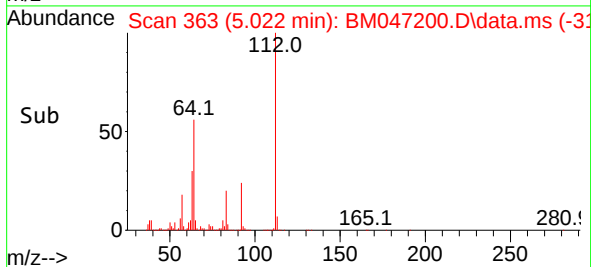
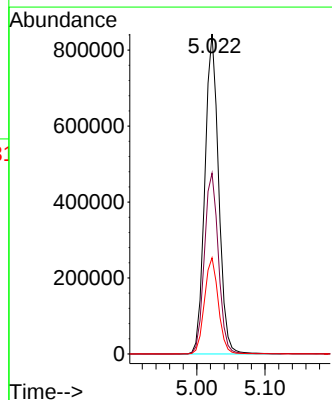
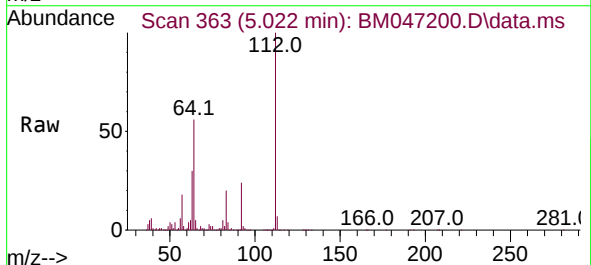
Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

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

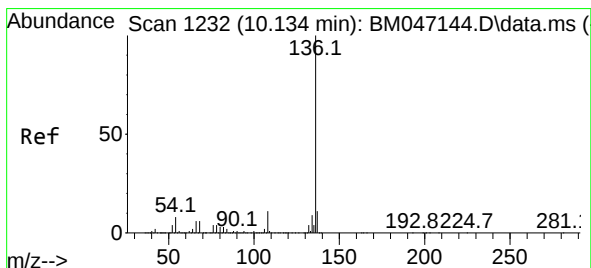
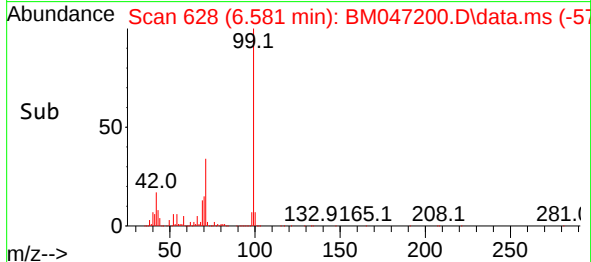
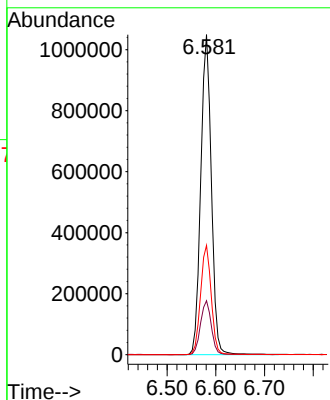
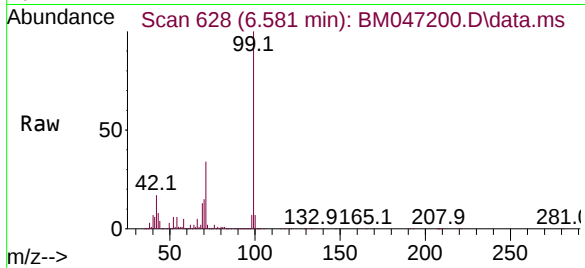




#7
Phenol-d6
Concen: 60.489 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

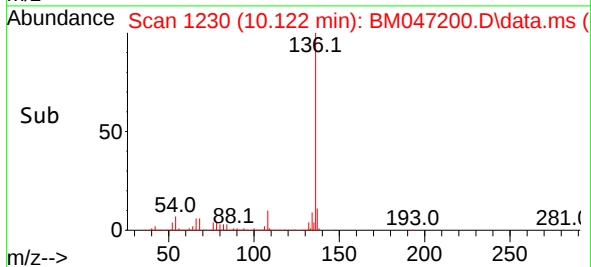
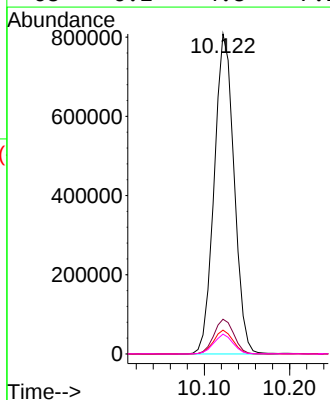
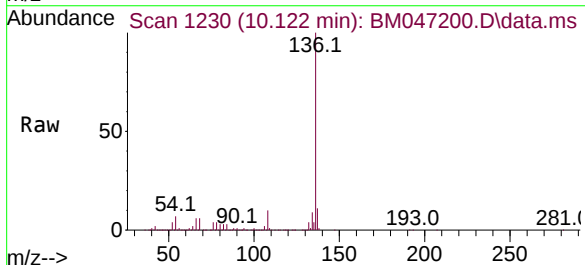
Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

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

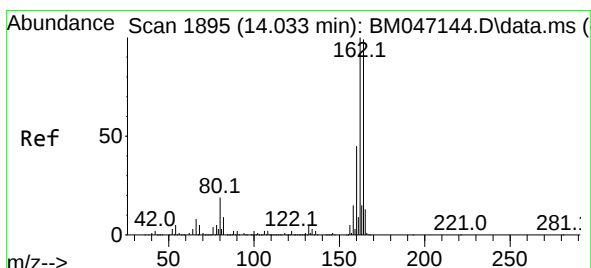
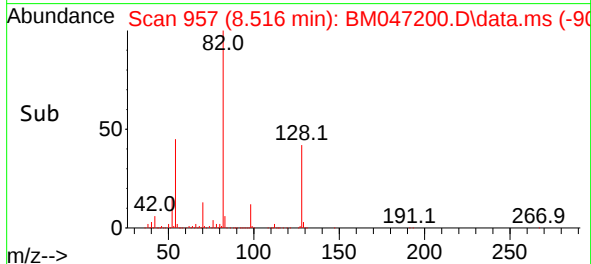
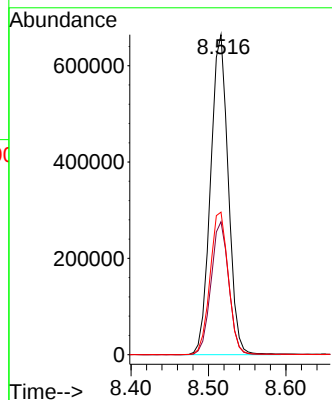
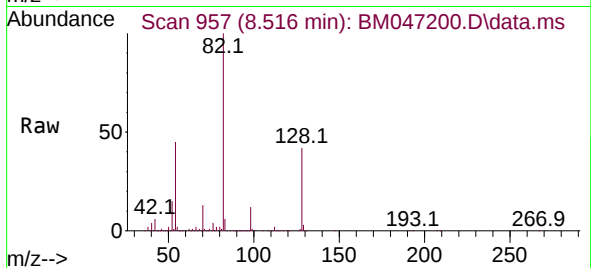




#23
Nitrobenzene-d5
Concen: 40.489 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

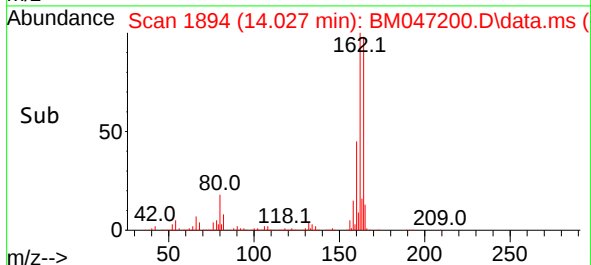
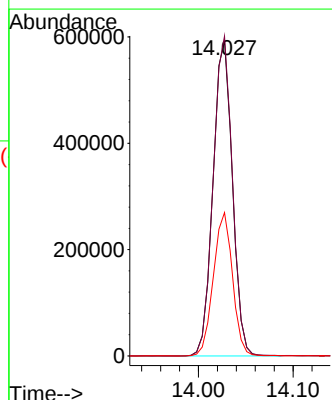
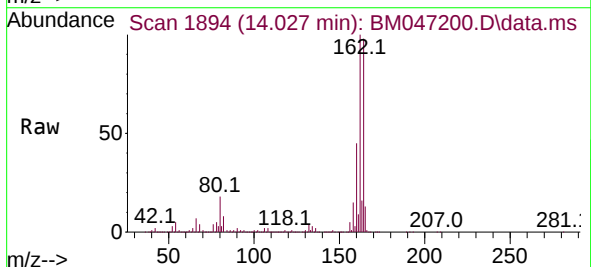
Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

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

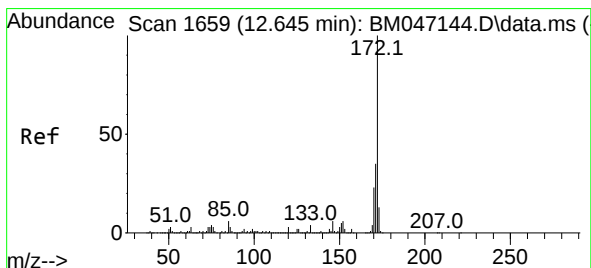
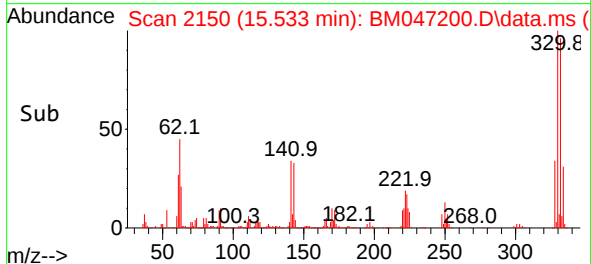
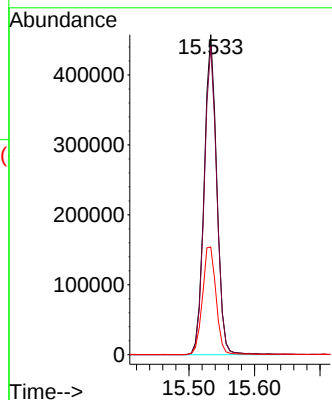
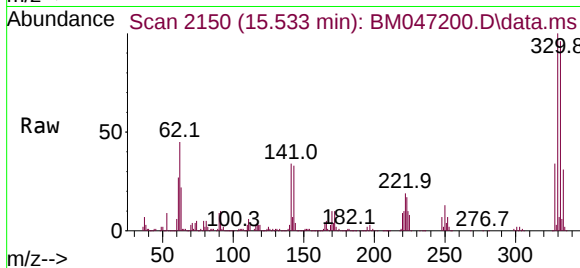




#42
2,4,6-Tribromophenol
Concen: 62.944 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047200.D
Acq: 14 Aug 2024 20:51

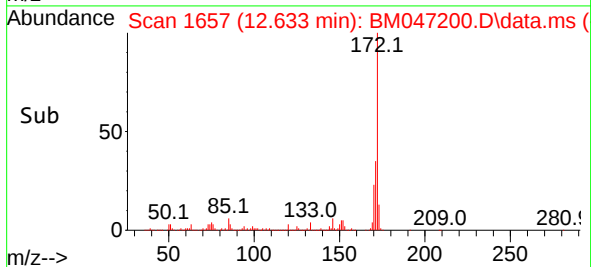
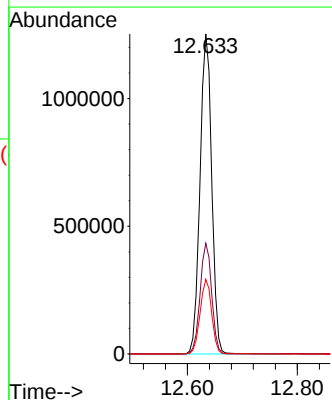
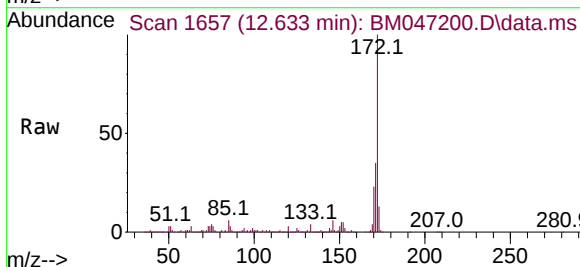
Instrument :
BNA_M
ClientSampleId :
OU4-TS-22-080724

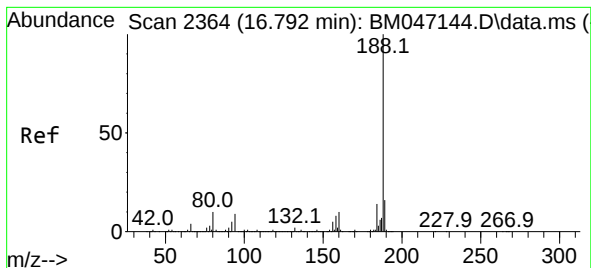
Tgt Ion:330 Resp: 613676
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 36.1 31.6 47.4



#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

Instrument :

BNA_M

ClientSampleId :

OU4-TS-22-080724

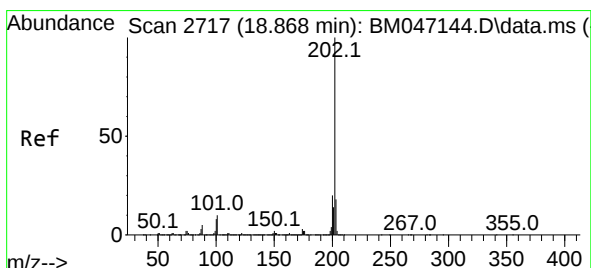
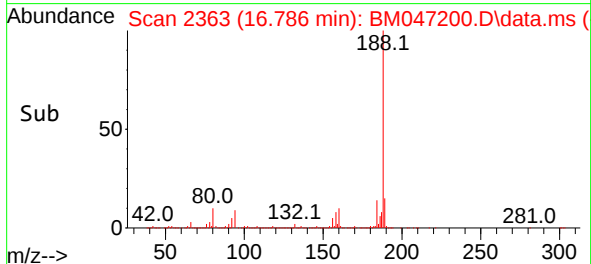
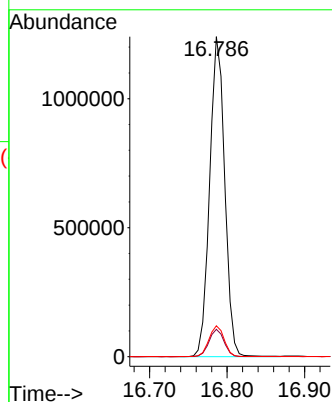
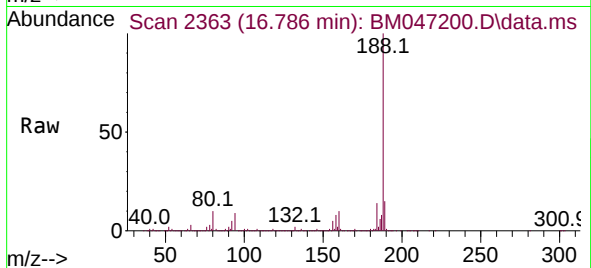
Tgt Ion:188 Resp: 1673778

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

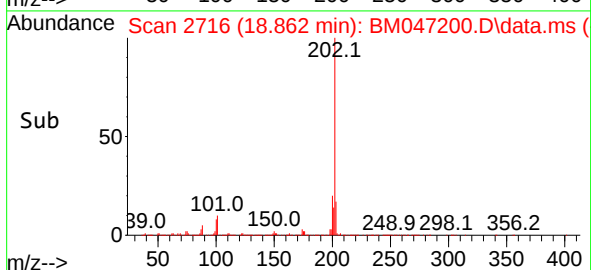
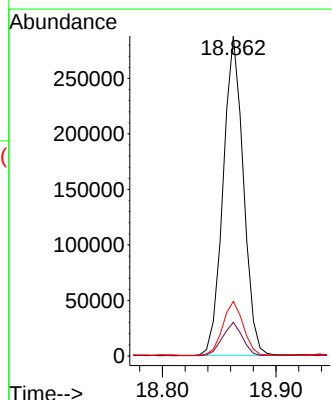
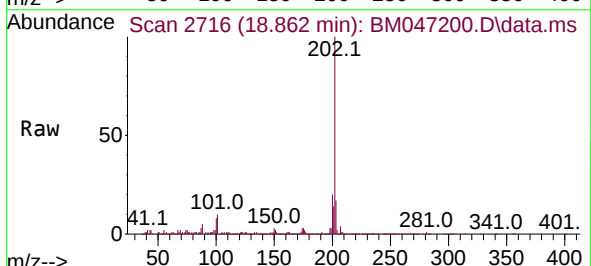
Tgt Ion:202 Resp: 356690

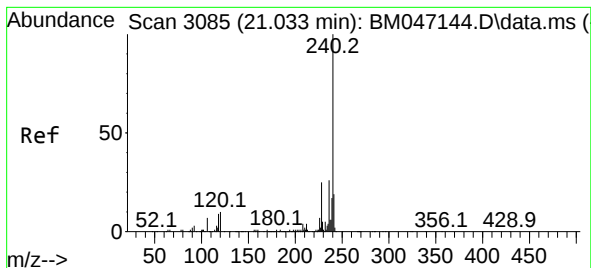
Ion Ratio Lower Upper

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

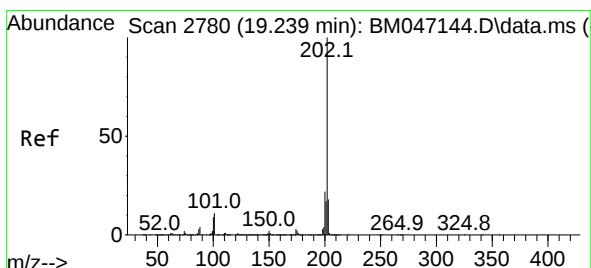
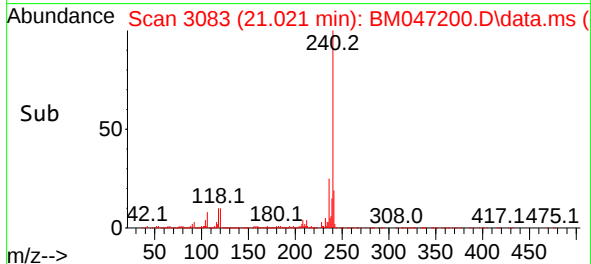
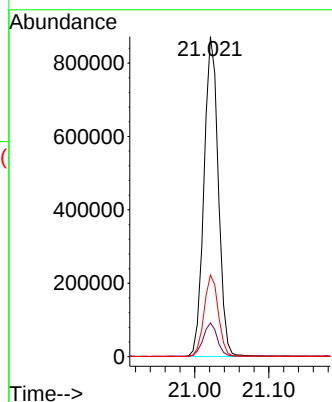
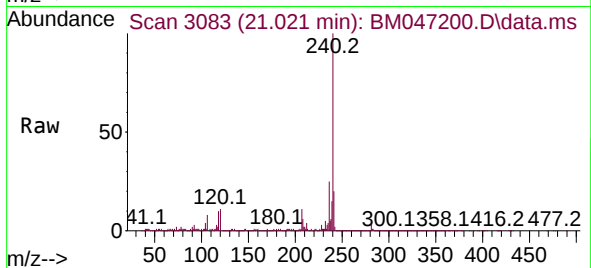
Tgt Ion:240 Resp: 1171940

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

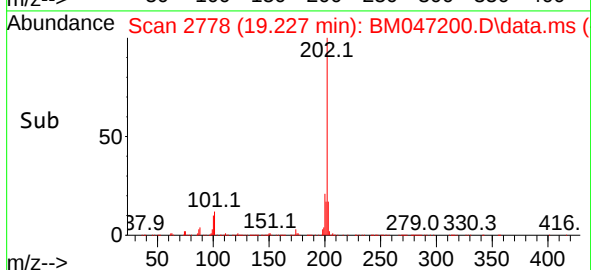
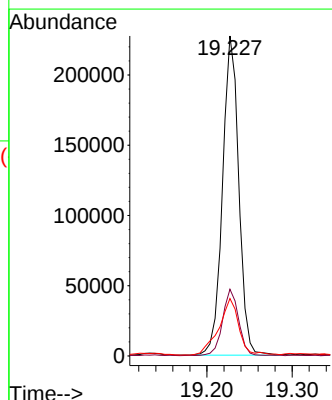
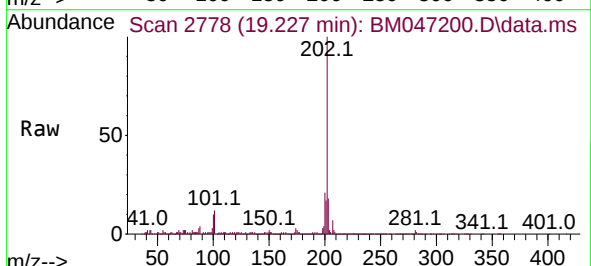
Tgt Ion:202 Resp: 301445

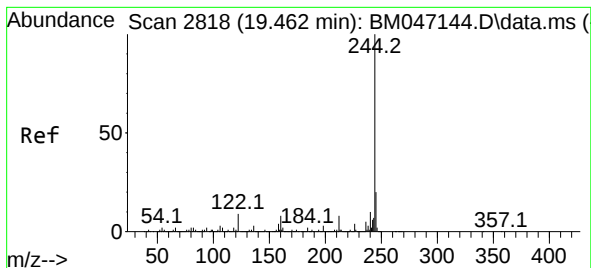
Ion Ratio Lower Upper

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 :

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ClientSampleId :

OU4-TS-22-080724

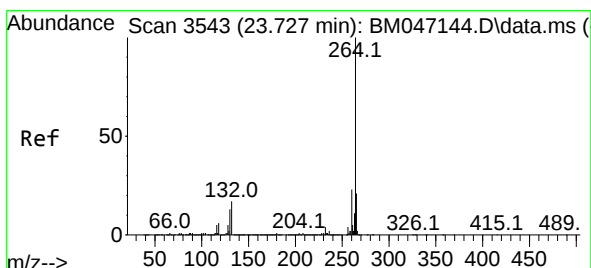
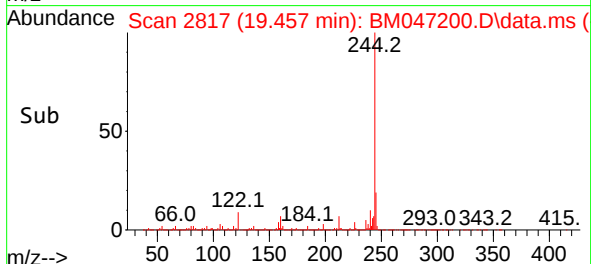
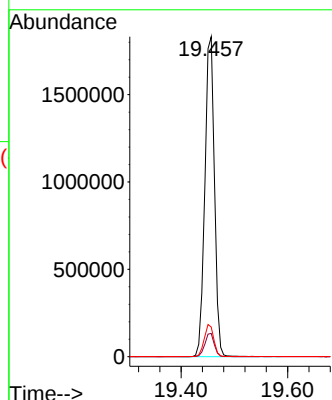
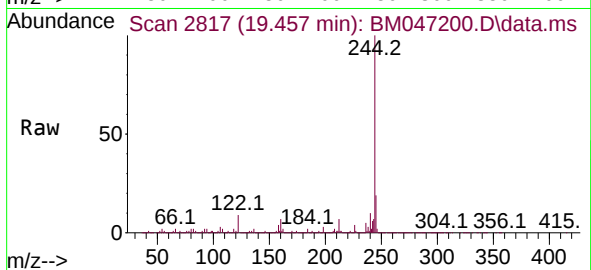
Tgt Ion:244 Resp: 2281299

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

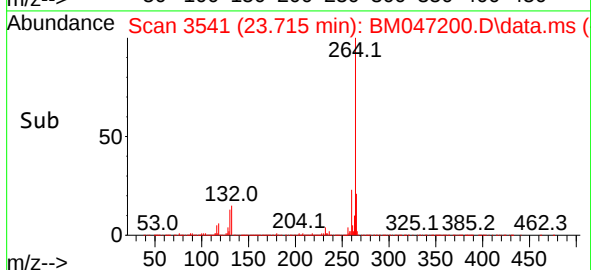
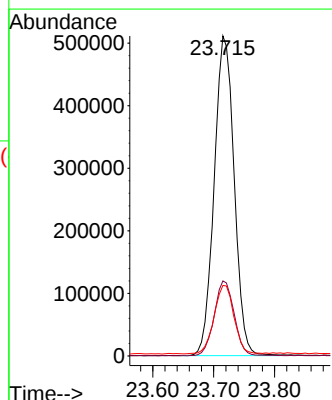
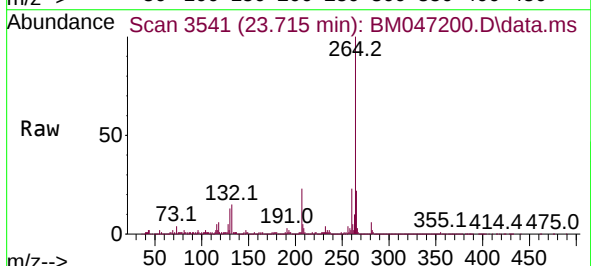
Tgt Ion:264 Resp: 1165353

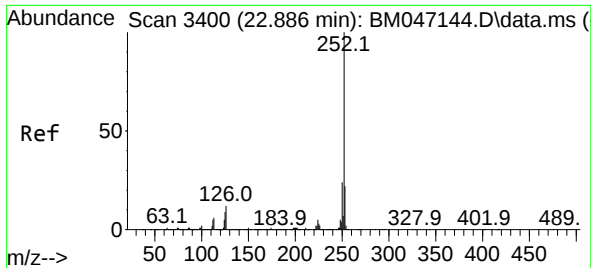
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

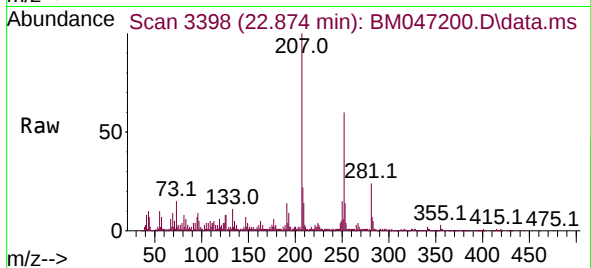
265 22.0 17.3 25.9





#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#

