

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047241.D
 Acq On : 16 Aug 2024 19:12
 Operator : RC/JU
 Sample : P3600-02 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VCPS-B2-081324-0-12

Quant Time: Aug 16 23:20:40 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)

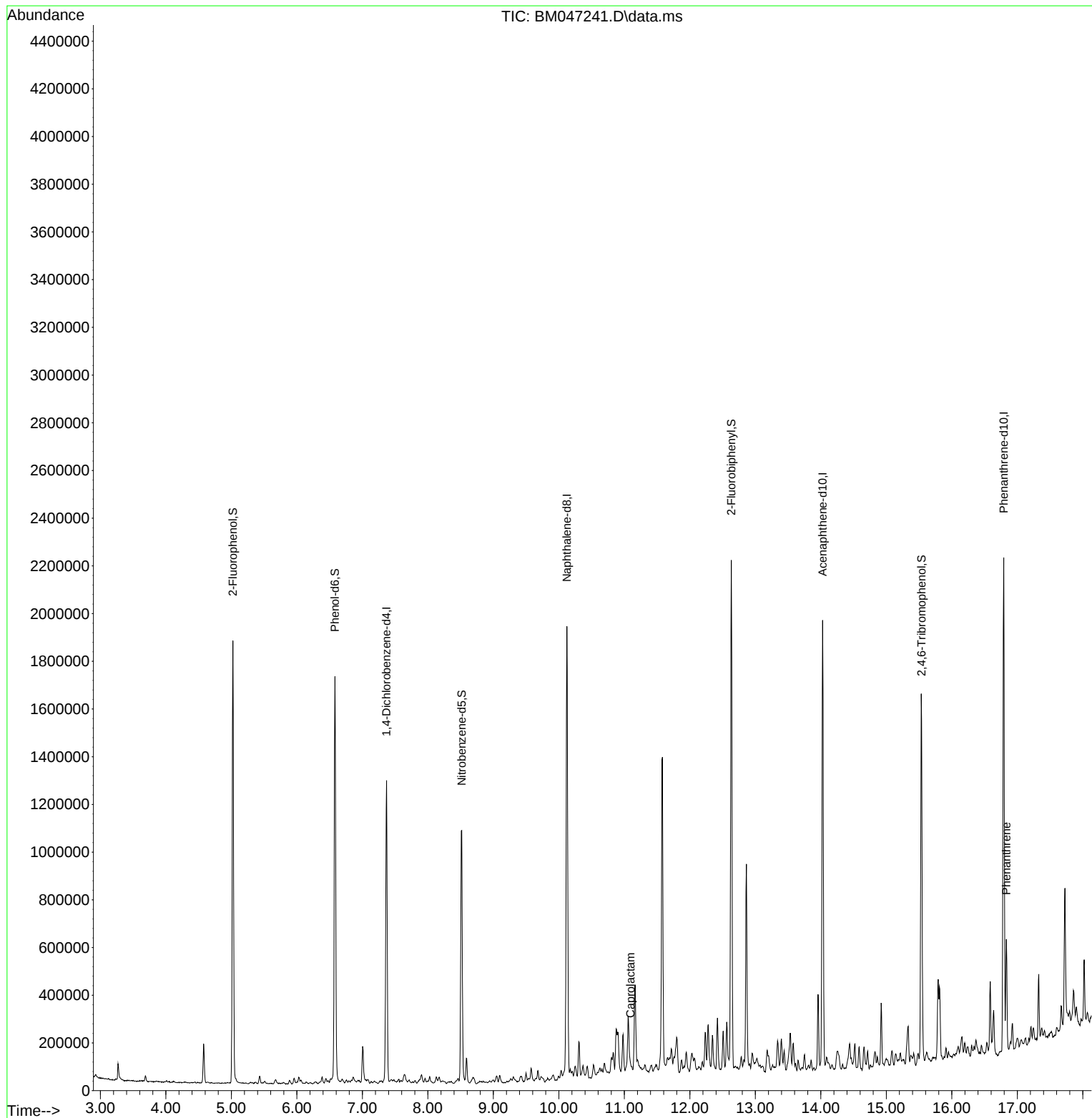
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	342739	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1131875	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	645544	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1242659	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1026447	20.000	ng	0.00
86) Perylene-d12	23.739	264	1178999	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	772262	40.261	ng	0.00
7) Phenol-d6	6.581	99	970526	36.720	ng	0.00
23) Nitrobenzene-d5	8.516	82	636893	28.333	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	278595	37.220	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1126482	26.917	ng	-0.01
79) Terphenyl-d14	19.456	244	1250387	26.103	ng	0.00
Target Compounds						
9) Benzaldehyde	6.540	77	1469	Below Cal	Qvalue #	72
35) Caprolactam	11.092	113	13601	2.248 ng	#	75
71) Phenanthrene	16.833	178	275466	4.417 ng		99
75) Fluoranthene	18.868	202	382513	5.043 ng		100
78) Pyrene	19.233	202	315806	4.309 ng		98
81) Benzo(a)anthracene	21.009	228	178600	2.621 ng	#	92
83) Chrysene	21.068	228	183555	2.839 ng	#	93
88) Benzo(b)fluoranthene	22.892	252	239568	3.422 ng	#	83
89) Benzo(k)fluoranthene	22.892	252	239568	3.622 ng	#	83
90) Benzo(a)pyrene	23.609	252	163628	2.698 ng	#	80

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

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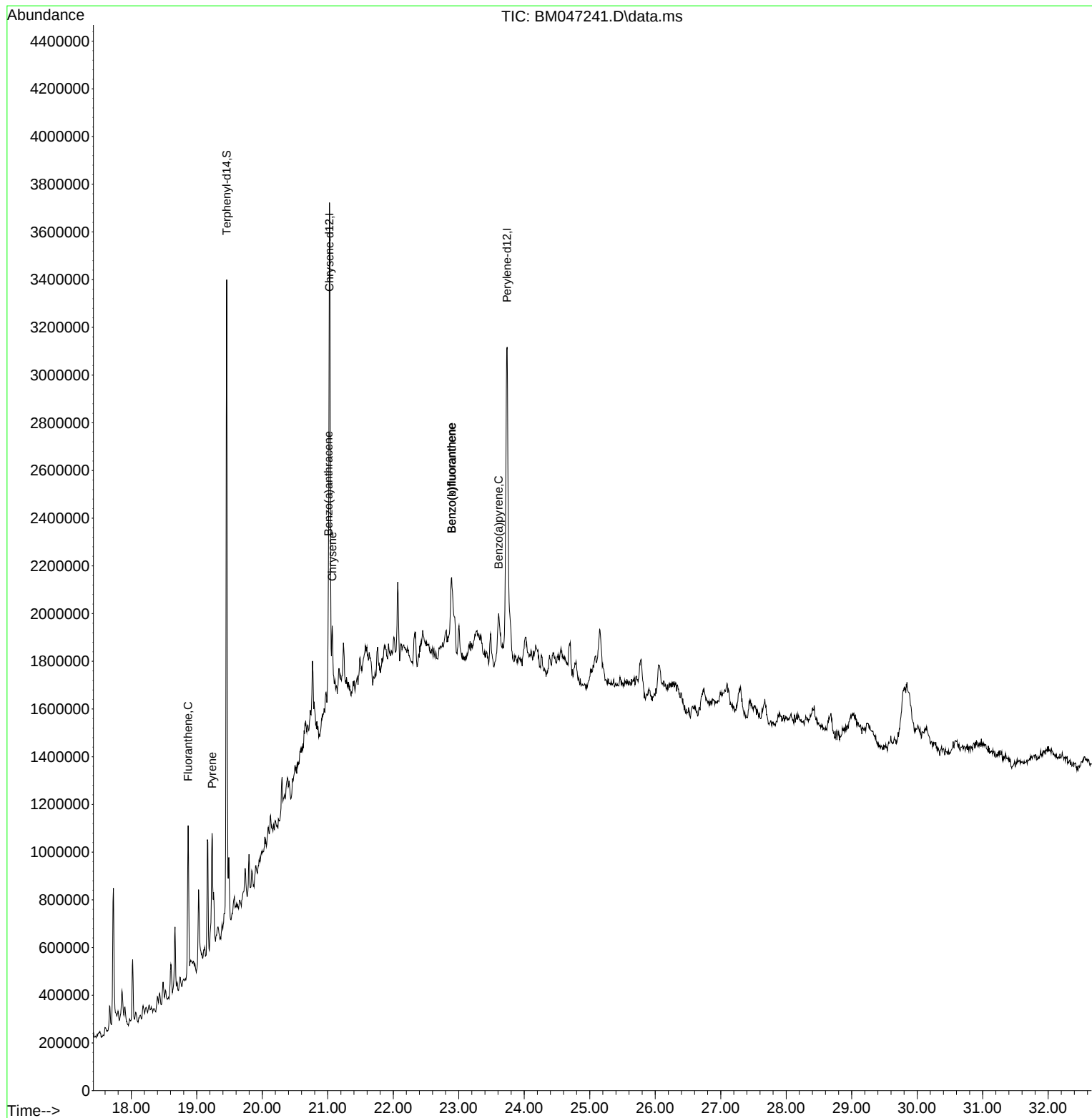
Quant Time: Aug 16 23:20:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

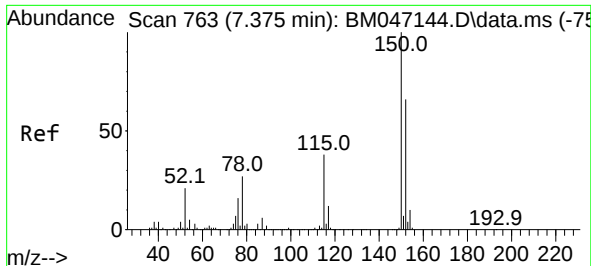


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
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Quant Time: Aug 16 23:20:40 2024
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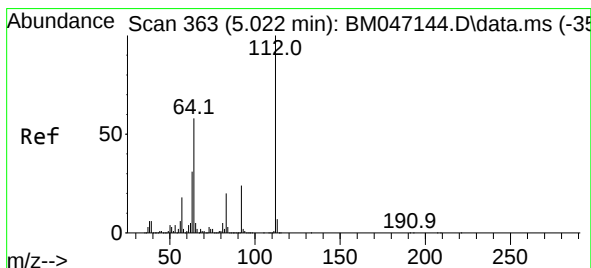
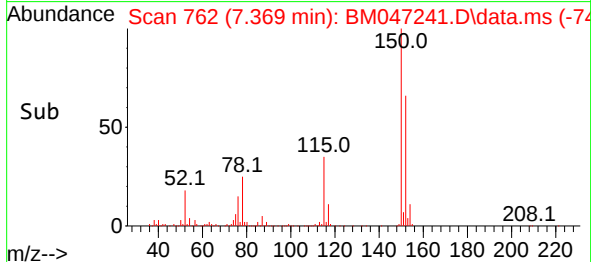
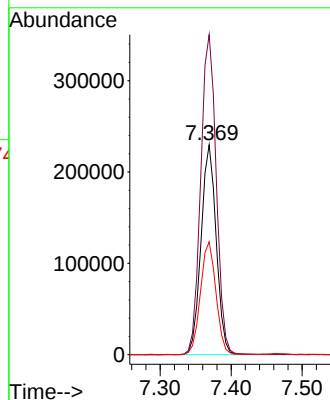
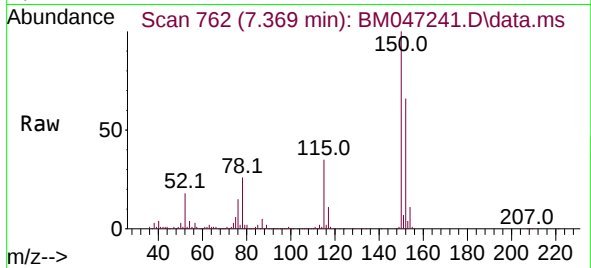




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

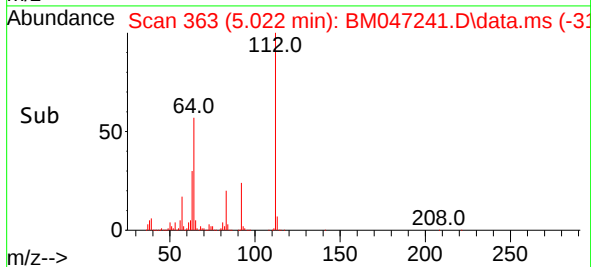
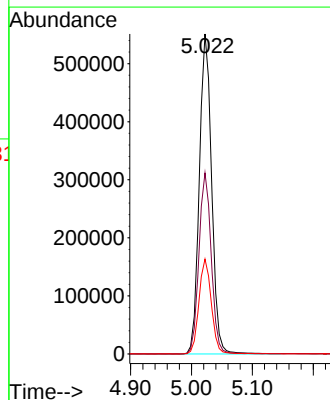
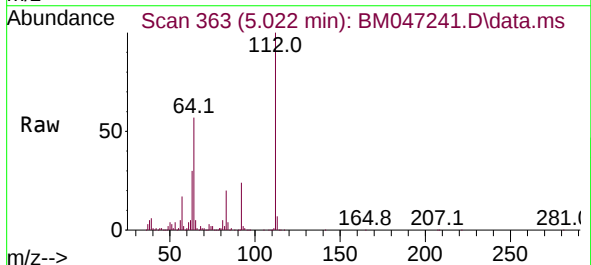
Instrument :
BNA_M
ClientSampleId :
VCPS-B2-081324-0-12

Tgt Ion:152 Resp: 342739
Ion Ratio Lower Upper
152 100
150 152.5 120.5 180.7
115 53.8 45.5 68.3



#5
2-Fluorophenol
Concen: 40.261 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

Tgt Ion:112 Resp: 772262
Ion Ratio Lower Upper
112 100
64 56.6 46.7 70.1
63 29.6 24.8 37.2

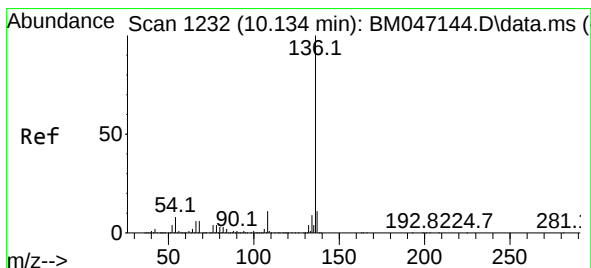
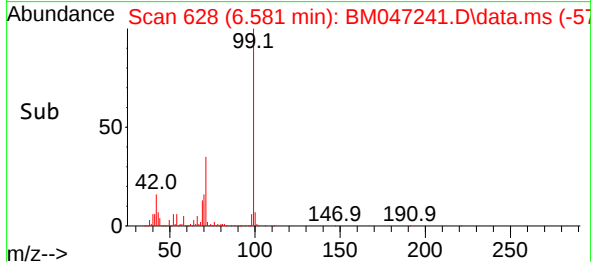
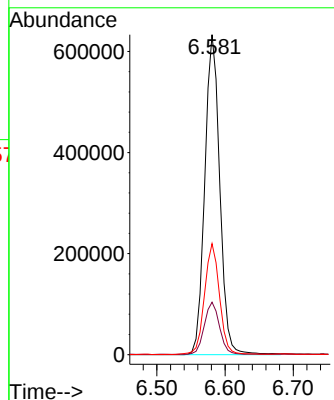
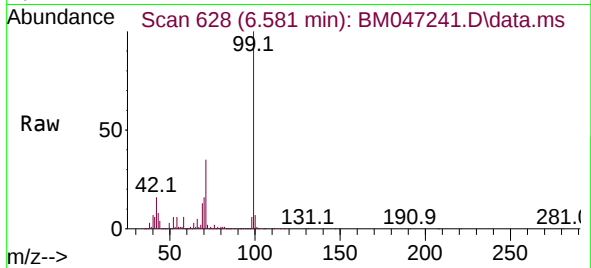




#7
Phenol-d6
Concen: 36.720 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

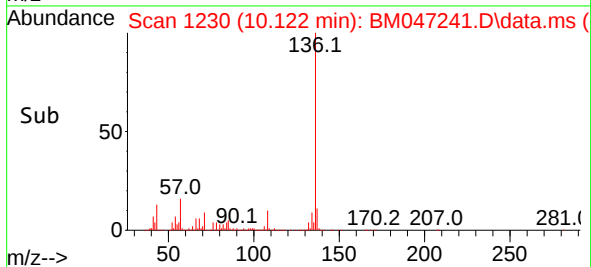
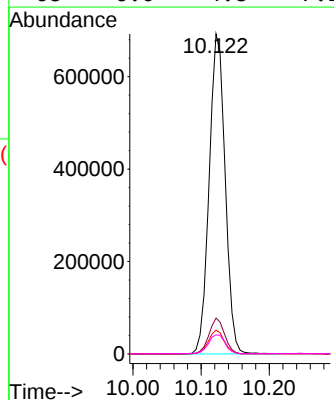
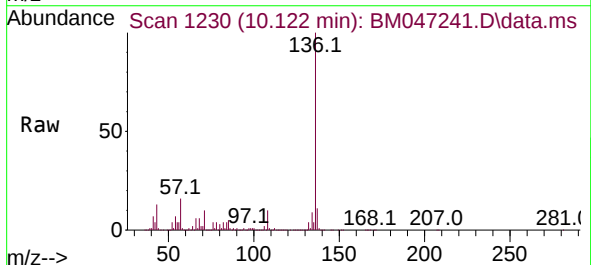
Instrument :
BNA_M
ClientSampleId :
VCPS-B2-081324-0-12

Tgt Ion: 99 Resp: 970526
Ion Ratio Lower Upper
99 100
42 16.4 14.1 21.1
71 34.7 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: BM047241.D
Acq: 16 Aug 2024 19:12

Tgt Ion: 136 Resp: 1131875
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 6.0 9.0
68 6.0 4.8 7.2

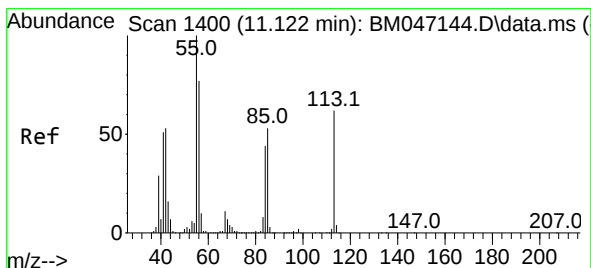
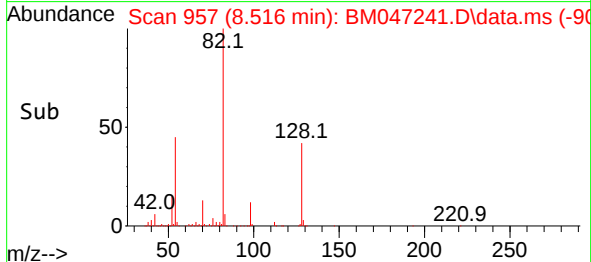
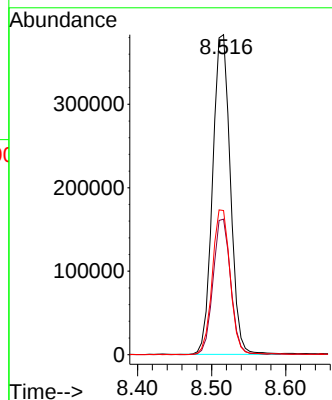
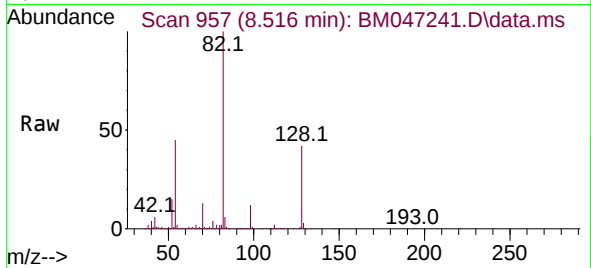




#23
Nitrobenzene-d5
Concen: 28.333 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

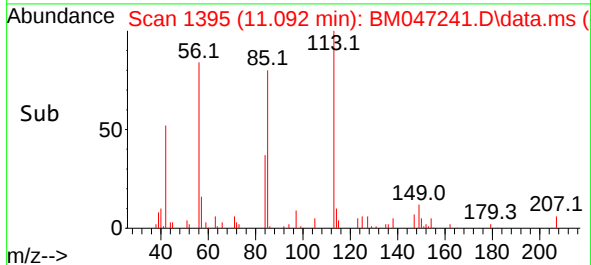
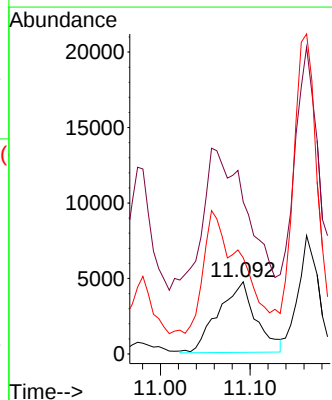
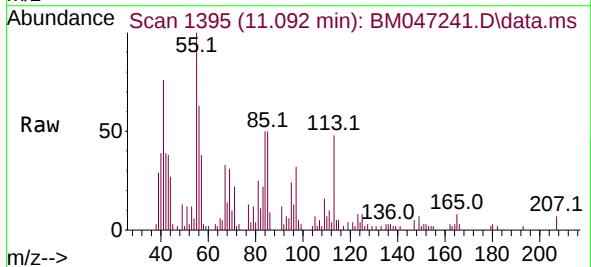
Instrument :
BNA_M
ClientSampleId :
VCPS-B2-081324-0-12

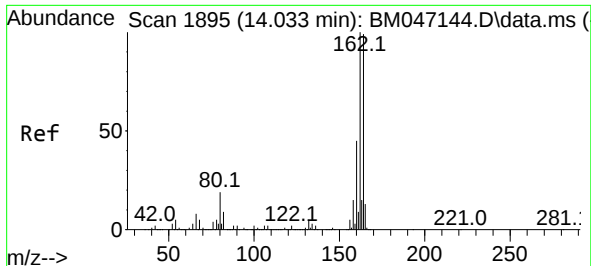
Tgt Ion: 82 Resp: 636893
Ion Ratio Lower Upper
82 100
128 42.3 32.3 48.5
54 45.1 37.4 56.2



#35
Caprolactam
Concen: 2.248 ng
RT: 11.092 min Scan# 1395
Delta R.T. -0.030 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

Tgt Ion: 113 Resp: 13601
Ion Ratio Lower Upper
113 100
55 210.5 140.5 180.5#
56 133.1 103.6 143.6

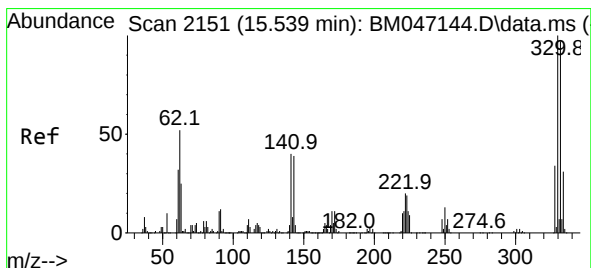
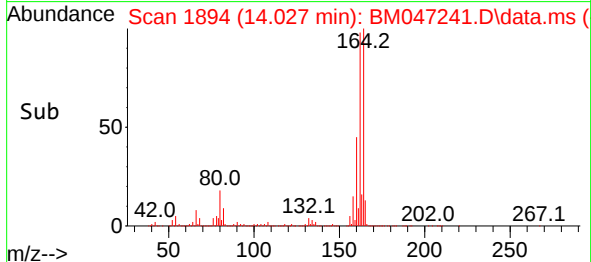
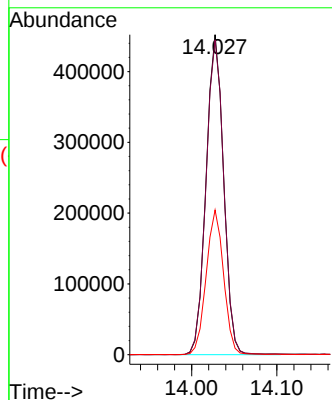
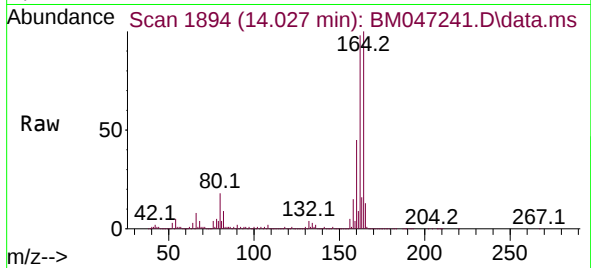




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

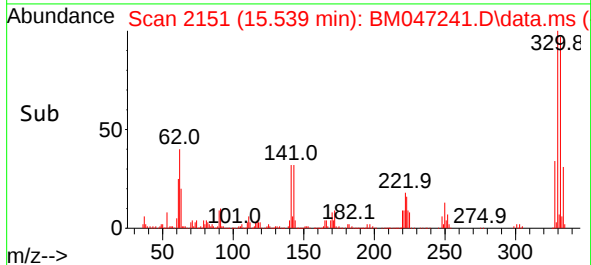
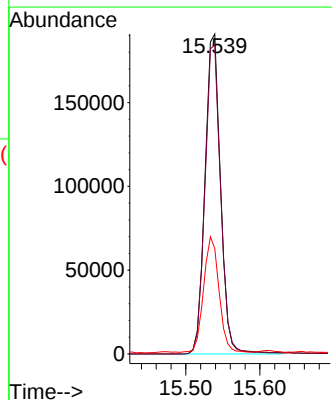
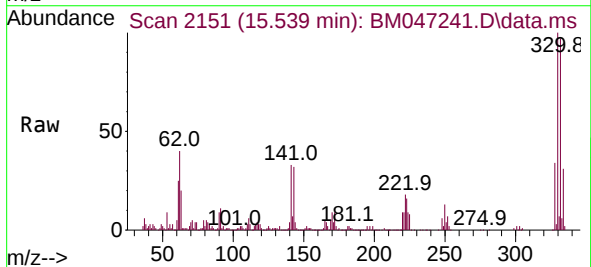
Instrument :
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ClientSampleId :
VCPS-B2-081324-0-12

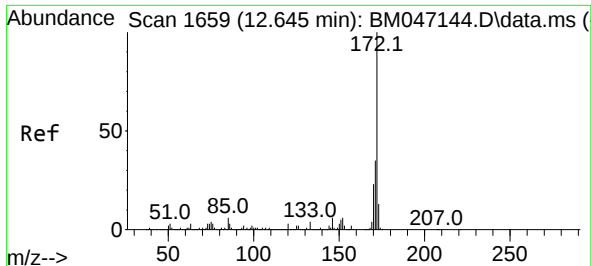
Tgt Ion:164 Resp: 645544
Ion Ratio Lower Upper
164 100
162 98.4 80.7 121.1
160 45.2 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 37.220 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

Tgt Ion:330 Resp: 278595
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 35.7 31.6 47.4

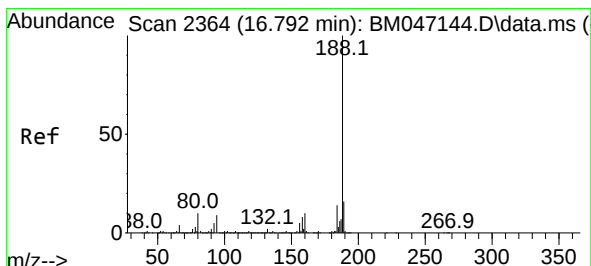
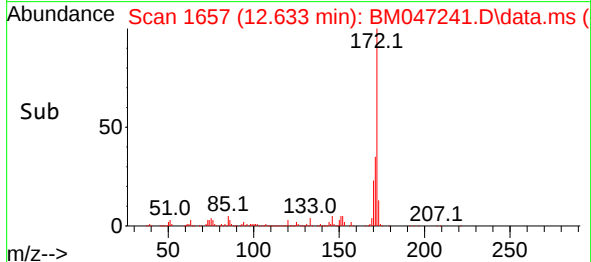
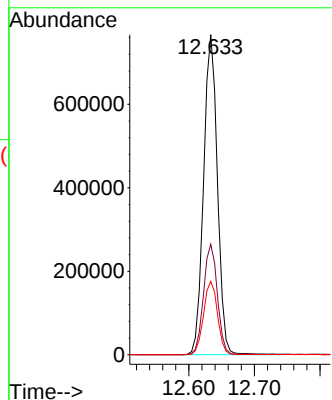
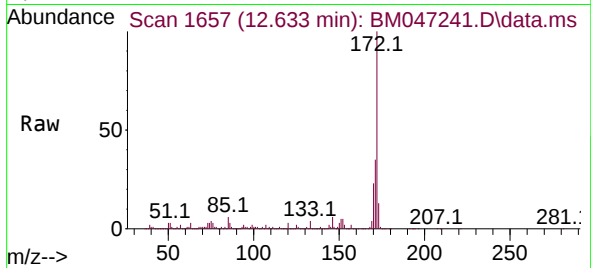




#45
2-Fluorobiphenyl
Concen: 26.917 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

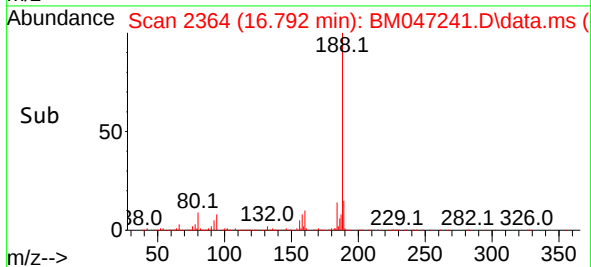
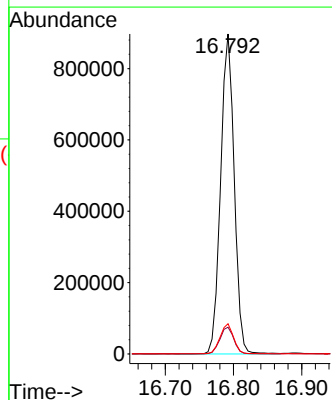
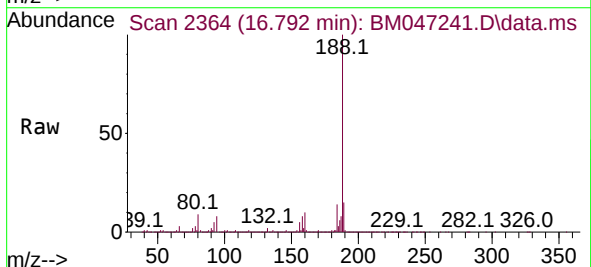
Instrument :
BNA_M
ClientSampleId :
VCPS-B2-081324-0-12

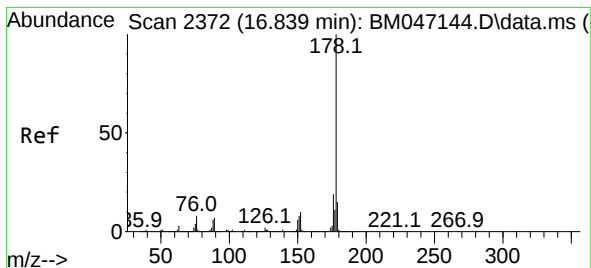
Tgt Ion:172 Resp: 1126482
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.9 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

Tgt Ion:188 Resp: 1242659
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.5 8.0 12.0





#71

Phenanthrene

Concen: 4.417 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047241.D

Acq: 16 Aug 2024 19:12

Instrument :

BNA_M

ClientSampleId :

VCPS-B2-081324-0-12

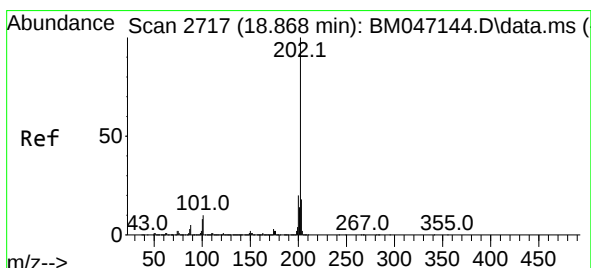
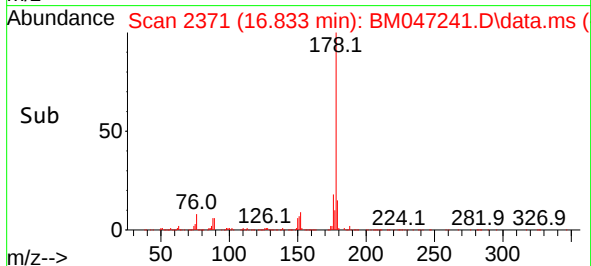
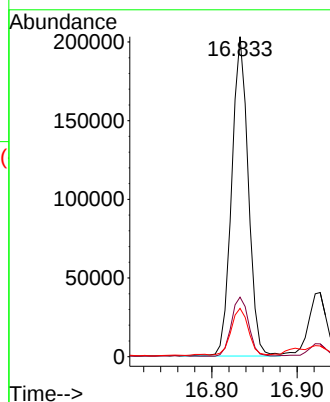
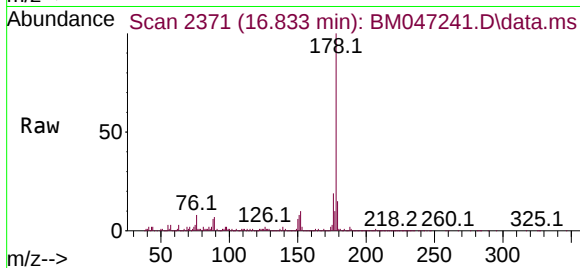
Tgt Ion:178 Resp: 275466

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.1 12.4 18.6



#75

Fluoranthene

Concen: 5.043 ng

RT: 18.868 min Scan# 2717

Delta R.T. -0.000 min

Lab File: BM047241.D

Acq: 16 Aug 2024 19:12

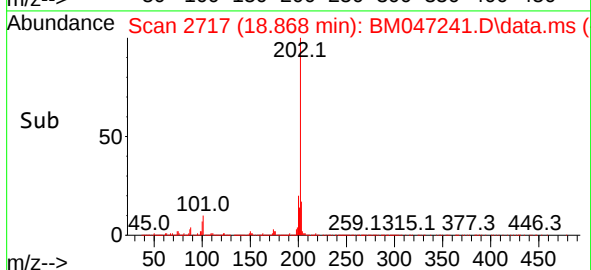
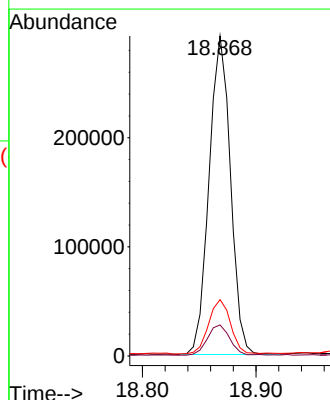
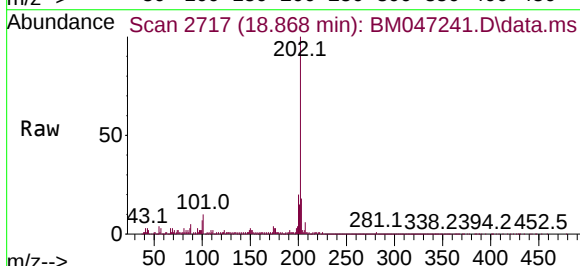
Tgt Ion:202 Resp: 382513

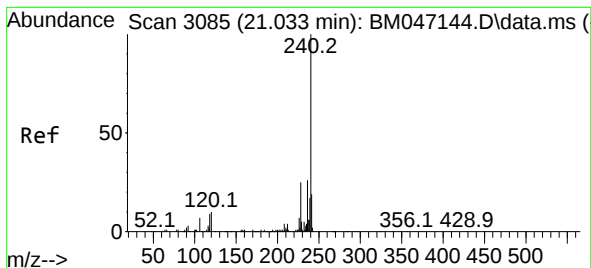
Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.2

203 17.6 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM047241.D

Acq: 16 Aug 2024 19:12

Instrument :

BNA_M

ClientSampleId :

VCPS-B2-081324-0-12

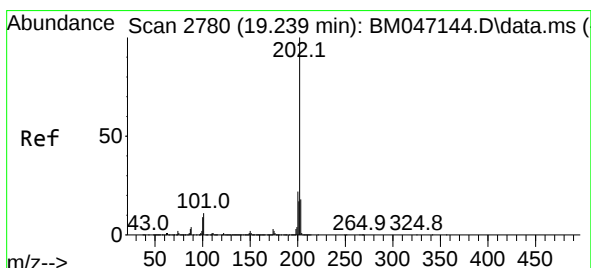
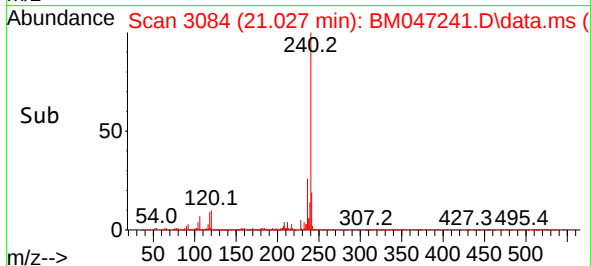
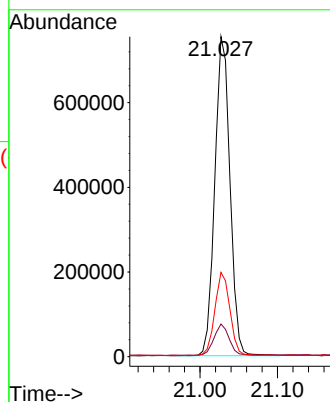
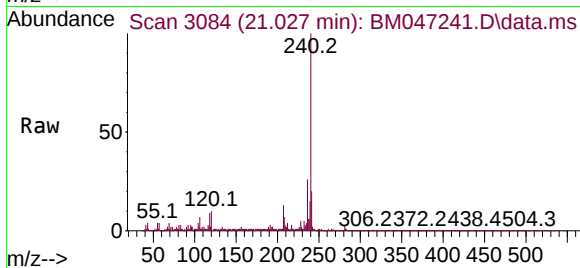
Tgt Ion:240 Resp: 1026447

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 26.4 20.6 30.8



#78

Pyrene

Concen: 4.309 ng

RT: 19.233 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BM047241.D

Acq: 16 Aug 2024 19:12

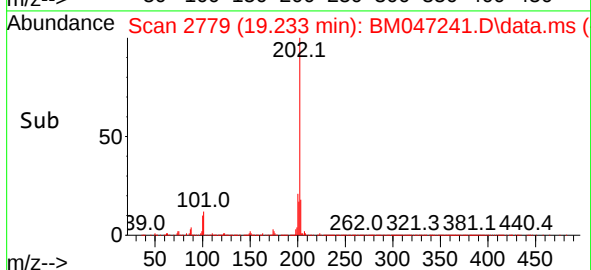
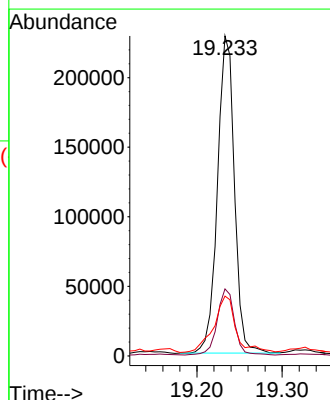
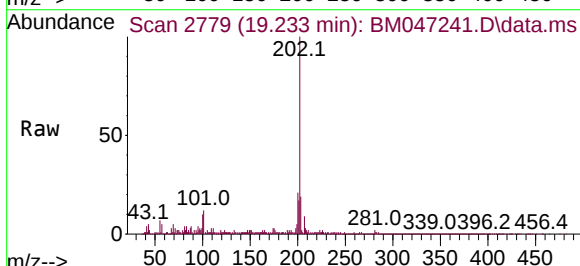
Tgt Ion:202 Resp: 315806

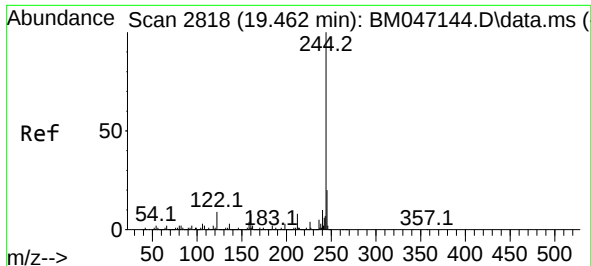
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 18.7 14.2 21.2

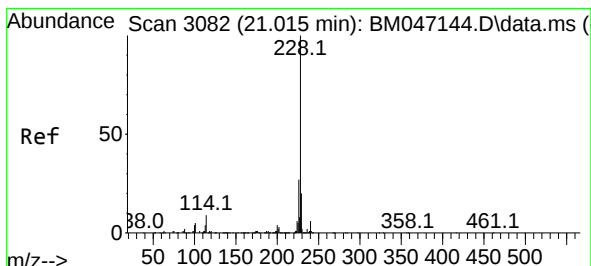
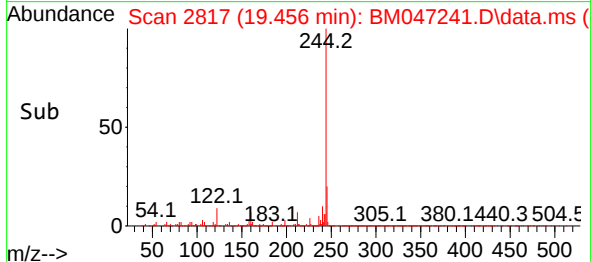
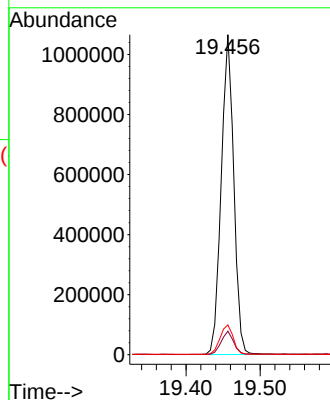
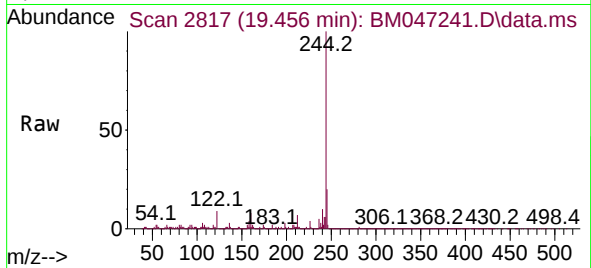




#79
 Terphenyl-d14
 Concen: 26.103 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047241.D
 Acq: 16 Aug 2024 19:12

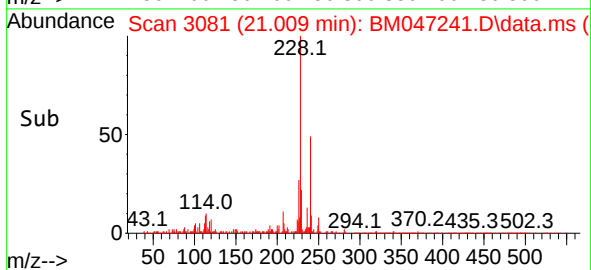
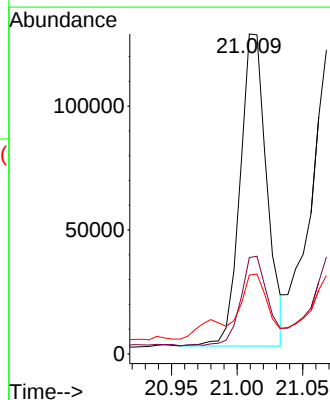
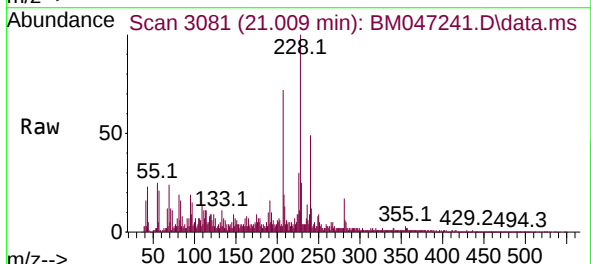
Instrument :
 BNA_M
 ClientSampleId :
 VCPS-B2-081324-0-12

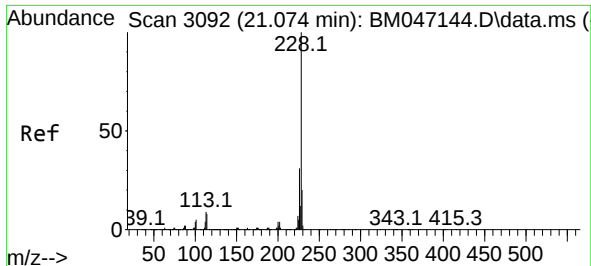
Tgt Ion:244 Resp: 1250387
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.3 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 2.621 ng
 RT: 21.009 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BM047241.D
 Acq: 16 Aug 2024 19:12

Tgt Ion:228 Resp: 178600
 Ion Ratio Lower Upper
 228 100
 226 30.1 21.8 32.6
 229 24.6 15.8 23.8#





#83

Chrysene

Concen: 2.839 ng

RT: 21.068 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BM047241.D

Acq: 16 Aug 2024 19:12

Instrument :

BNA_M

ClientSampleId :

VCPS-B2-081324-0-12

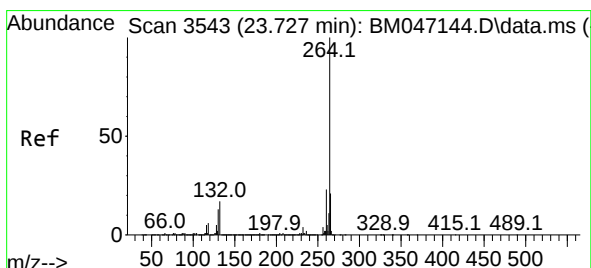
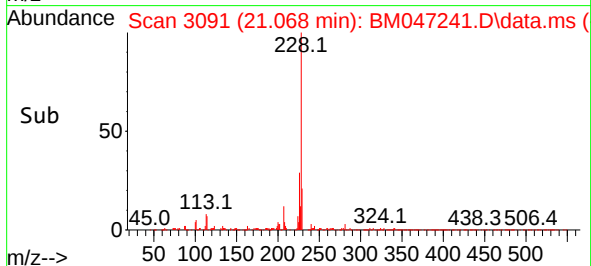
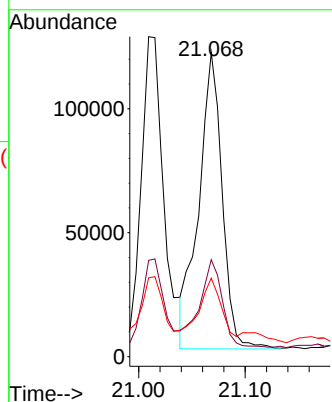
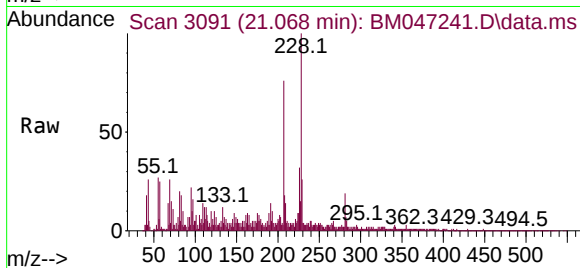
Tgt Ion:228 Resp: 183555

Ion Ratio Lower Upper

228 100

226 31.9 24.4 36.6

229 25.8 15.7 23.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3545

Delta R.T. 0.012 min

Lab File: BM047241.D

Acq: 16 Aug 2024 19:12

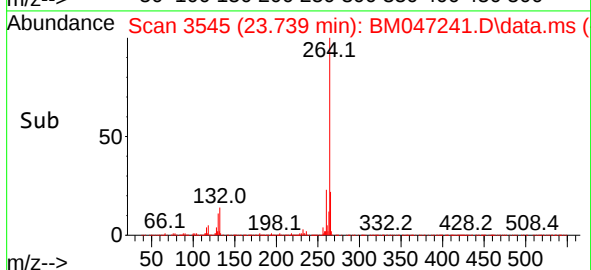
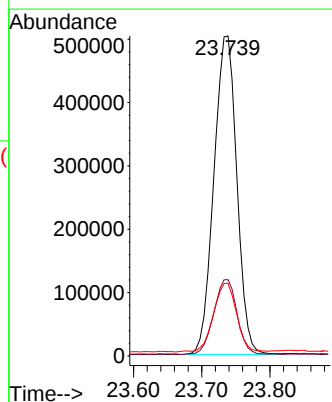
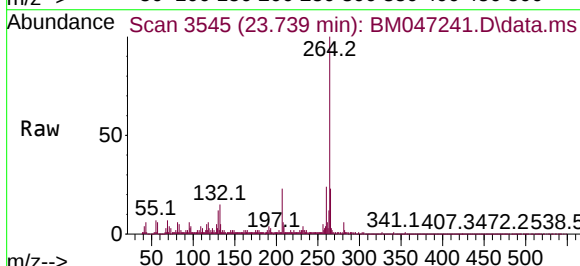
Tgt Ion:264 Resp: 1178999

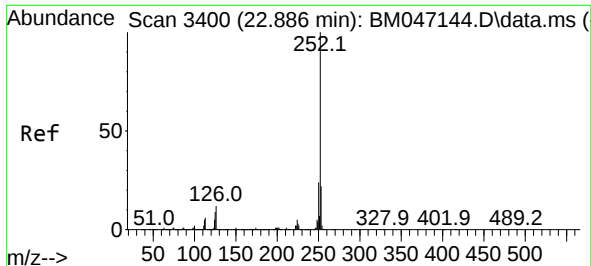
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.7 17.3 25.9

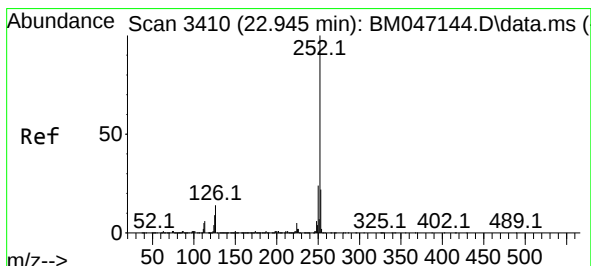
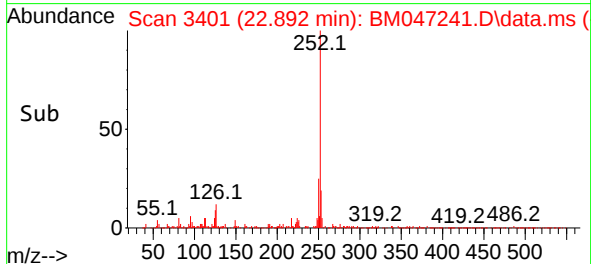
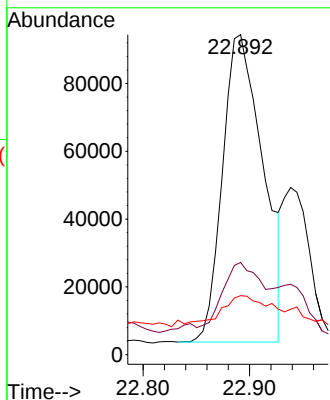
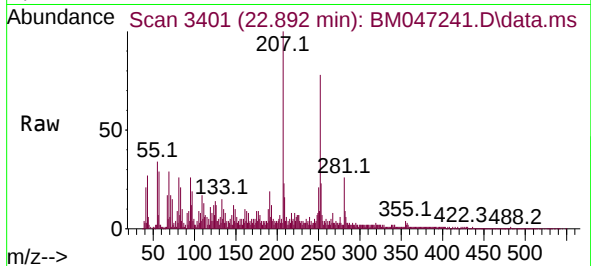




#88
Benzo(b)fluoranthene
Concen: 3.422 ng
RT: 22.892 min Scan# 3400
Delta R.T. 0.006 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

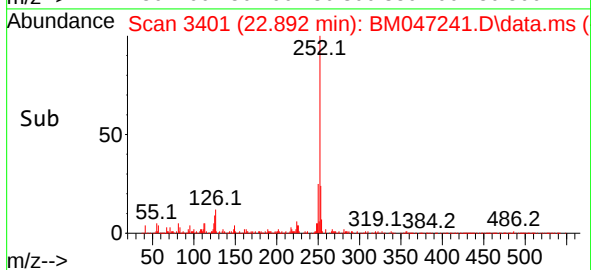
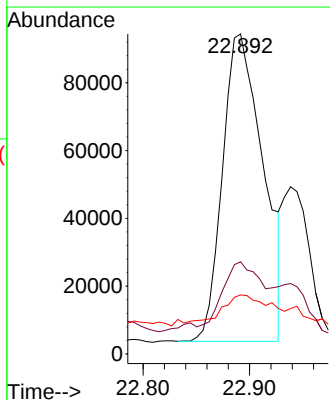
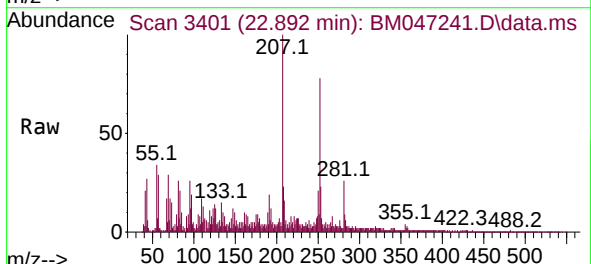
Instrument :
BNA_M
ClientSampleId :
VCPS-B2-081324-0-12

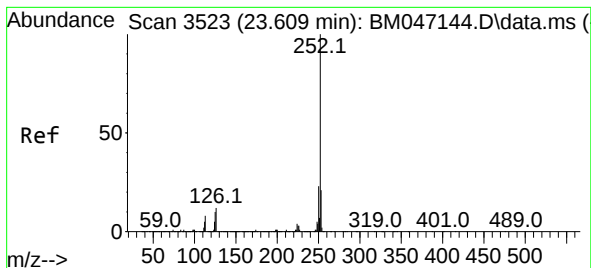
Tgt Ion:252 Resp: 239568
Ion Ratio Lower Upper
252 100
253 28.8 17.8 26.6#
125 18.5 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 3.622 ng
RT: 22.892 min Scan# 3401
Delta R.T. -0.053 min
Lab File: BM047241.D
Acq: 16 Aug 2024 19:12

Tgt Ion:252 Resp: 239568
Ion Ratio Lower Upper
252 100
253 28.8 17.7 26.5#
125 18.5 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 2.698 ng

RT: 23.609 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM047241.D

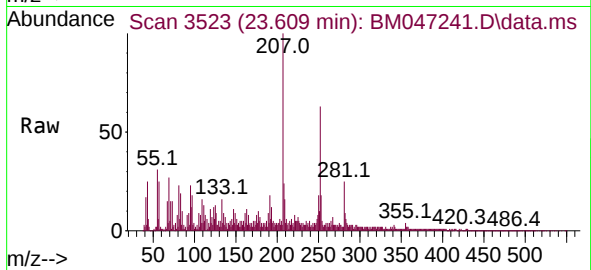
Acq: 16 Aug 2024 19:12

Instrument :

BNA_M

ClientSampleId :

VCPS-B2-081324-0-12



Tgt Ion:252 Resp: 163628

Ion Ratio Lower Upper

252 100

253 29.0 17.1 25.7#

125 20.6 8.2 12.2#

