

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047415.D
 Acq On : 30 Aug 2024 20:58
 Operator : RC/JU
 Sample : P3797-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 207

Quant Time: Aug 30 23:39:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

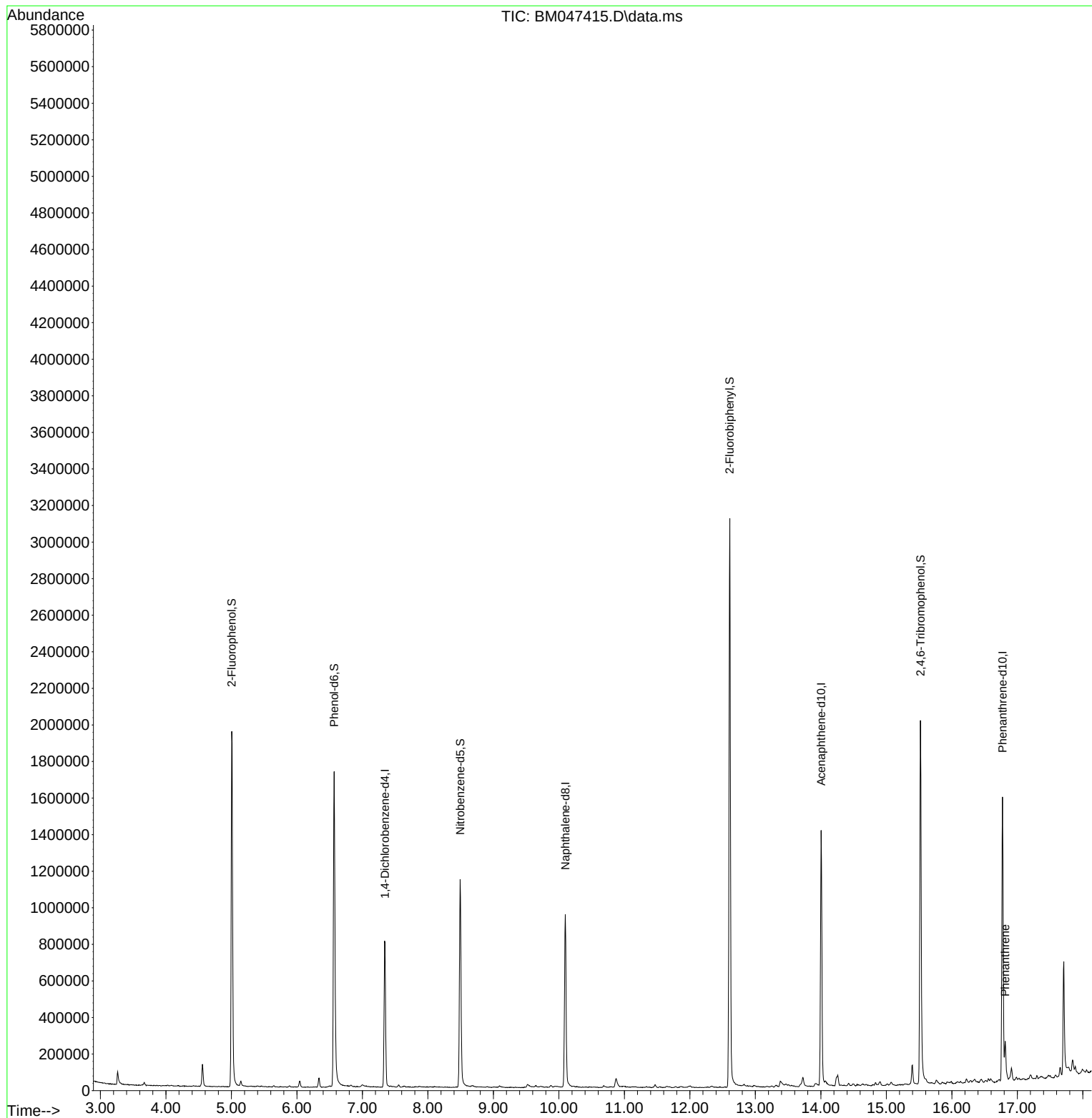
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	236555	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	835106	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	533386	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	996189	20.000	ng	0.00
76) Chrysene-d12	21.015	240	895161	20.000	ng	0.00
86) Perylene-d12	23.715	264	1056073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	914175	74.143	ng	0.00
7) Phenol-d6	6.569	99	1140143	67.880	ng	0.00
23) Nitrobenzene-d5	8.492	82	716543	47.608	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	441724	68.642	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	1780411	51.287	ng	0.00
79) Terphenyl-d14	19.439	244	2255604	44.851	ng	0.00
Target Compounds						
9) Benzaldehyde	6.487	77	181	Below Cal	Qvalue #	3
71) Phenanthrene	16.815	178	132380	2.736	ng	99
75) Fluoranthene	18.856	202	292937	5.157	ng	99
78) Pyrene	19.221	202	295951	4.311	ng	99
81) Benzo(a)anthracene	20.997	228	160950	2.757	ng	97
83) Chrysene	21.056	228	190165	3.463	ng	96
87) Indeno(1,2,3-cd)pyrene	26.721	276	133959	2.026	ng	95
88) Benzo(b)fluoranthene	22.874	252	274796	4.460	ng	# 96
89) Benzo(k)fluoranthene	22.874	252	274796	4.705	ng	# 96
90) Benzo(a)pyrene	23.591	252	170235	3.195	ng	# 94
92) Benzo(g,h,i)perylene	27.656	276	147731	2.653	ng	99

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

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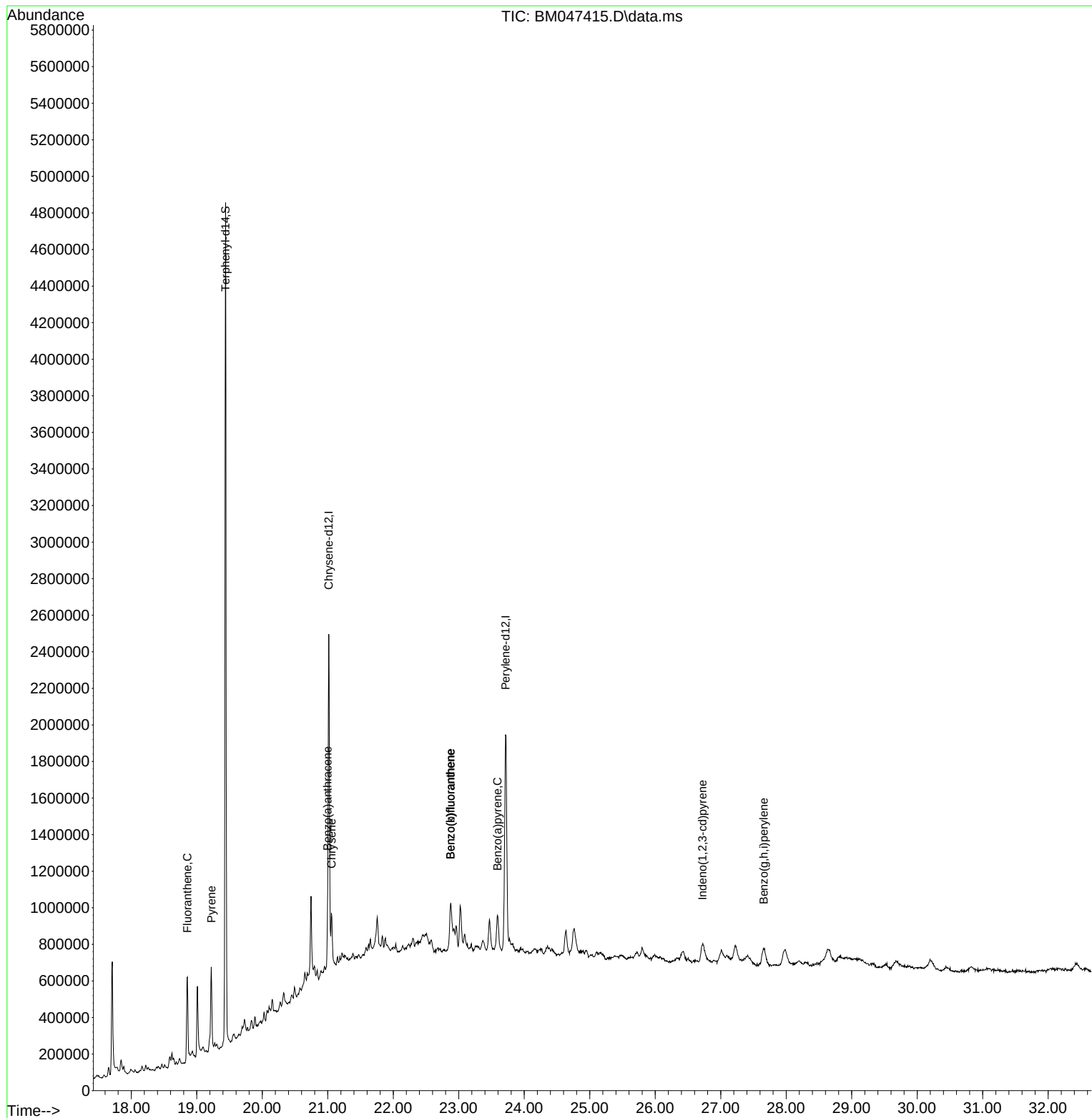
Quant Time: Aug 30 23:39:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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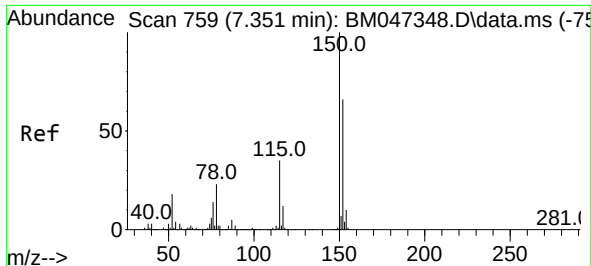


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
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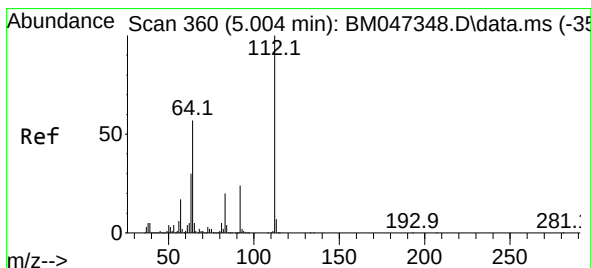
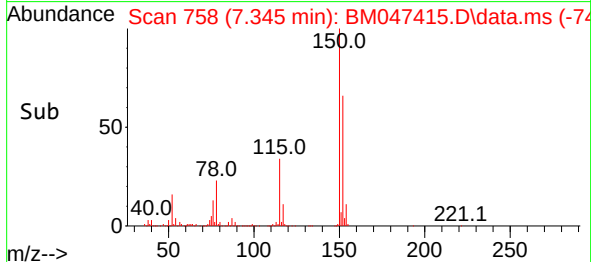
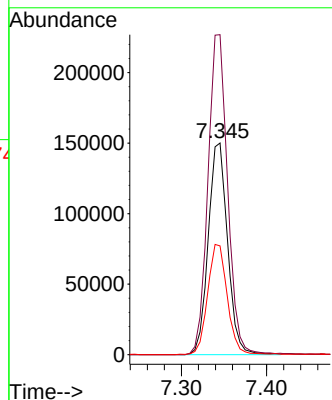
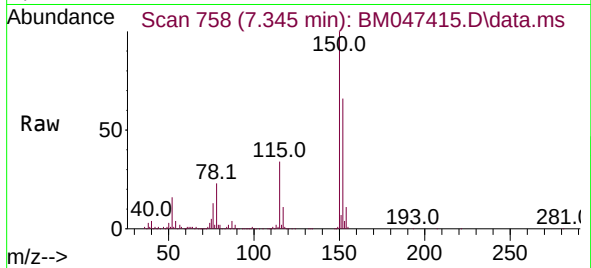




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

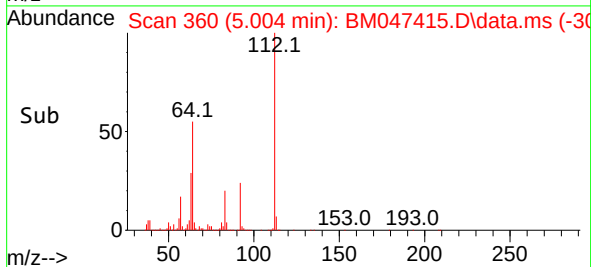
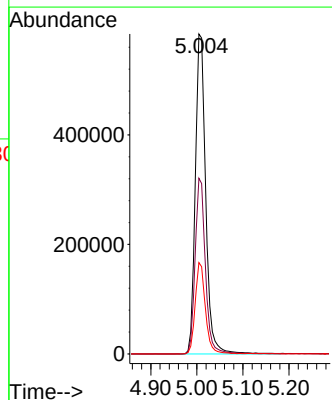
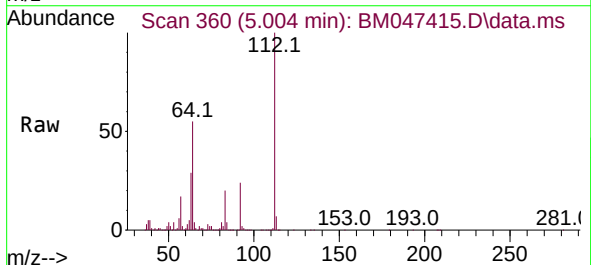
Instrument :
BNA_M
ClientSampleId :
207

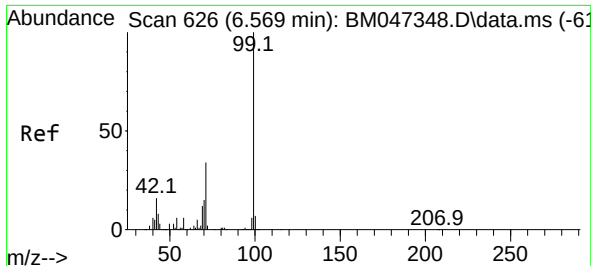
Tgt Ion:152 Resp: 236555
Ion Ratio Lower Upper
152 100
150 151.2 121.3 181.9
115 51.4 42.6 64.0



#5
2-Fluorophenol
Concen: 74.143 ng
RT: 5.004 min Scan# 360
Delta R.T. -0.000 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

Tgt Ion:112 Resp: 914175
Ion Ratio Lower Upper
112 100
64 54.9 45.7 68.5
63 28.5 23.8 35.8

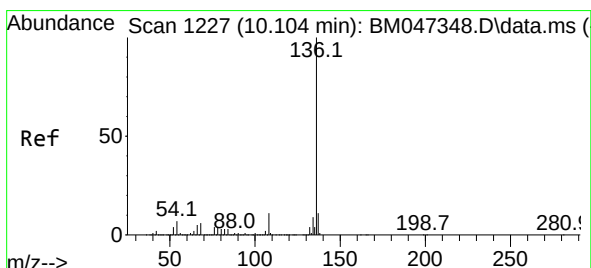
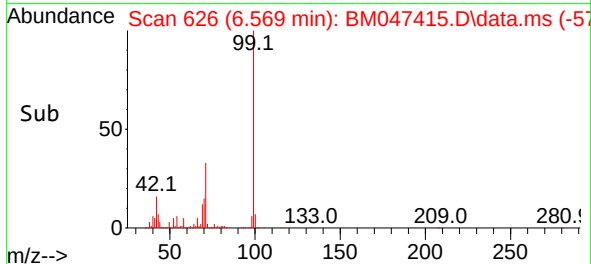
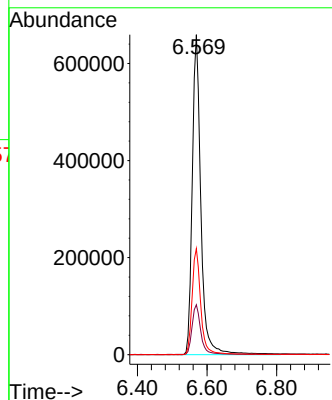
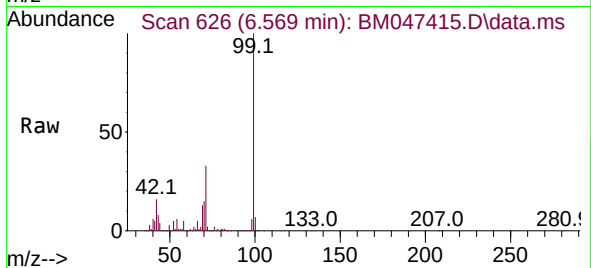




#7
Phenol-d6
Concen: 67.880 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

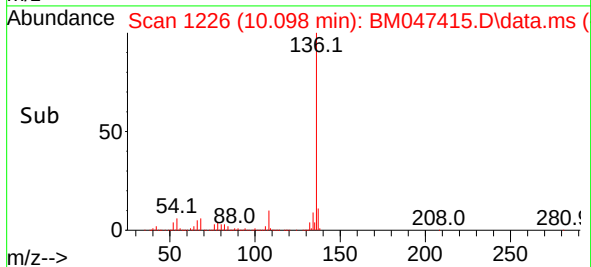
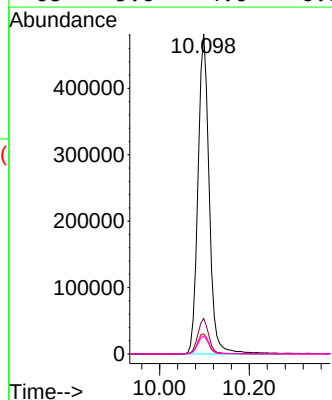
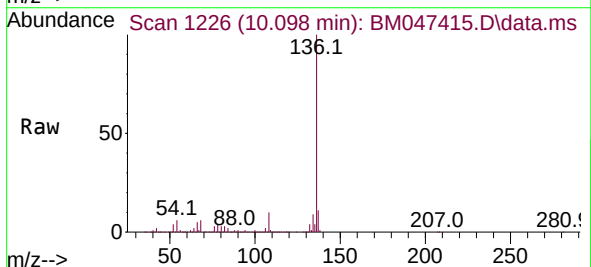
Instrument :
BNA_M
ClientSampleId :
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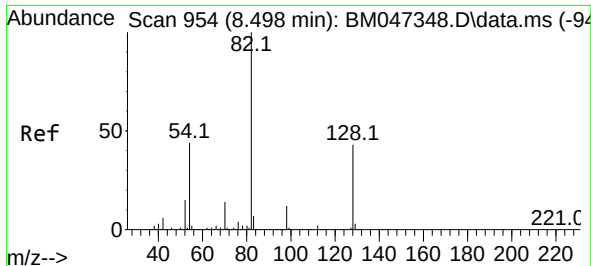
Tgt Ion: 99 Resp: 1140143
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 33.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

Tgt Ion: 136 Resp: 835106
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.3 5.2 7.8
68 5.6 4.6 6.8

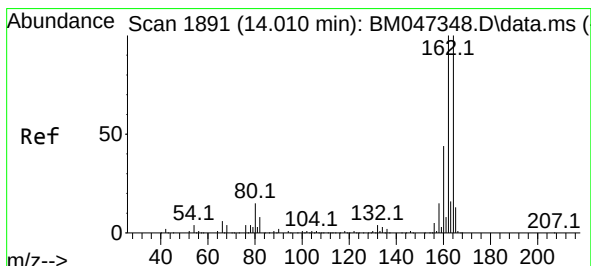
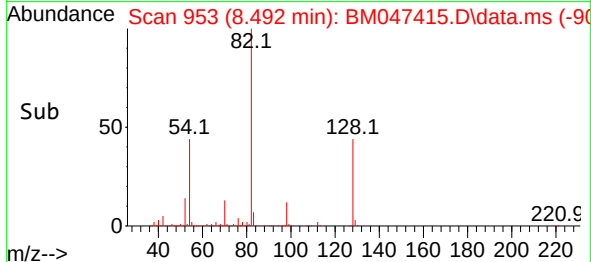
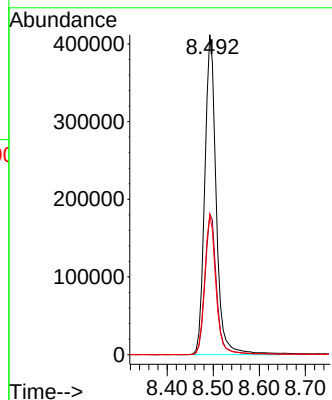
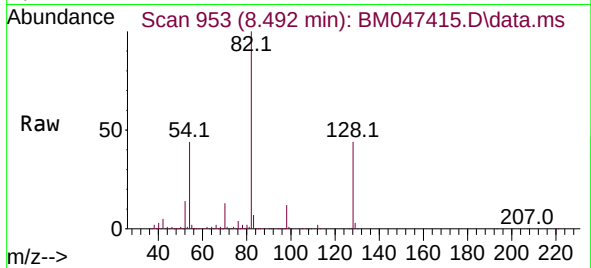




#23
Nitrobenzene-d5
Concen: 47.608 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

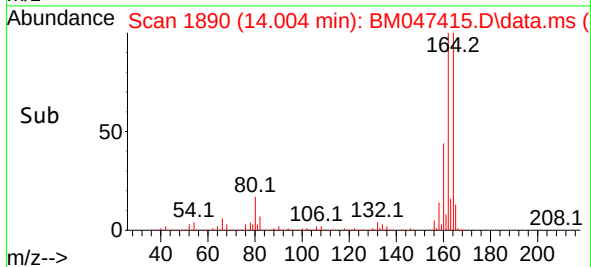
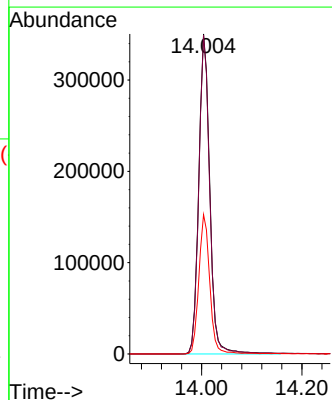
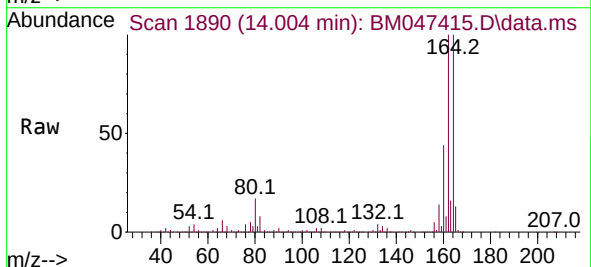
Instrument :
BNA_M
ClientSampleId :
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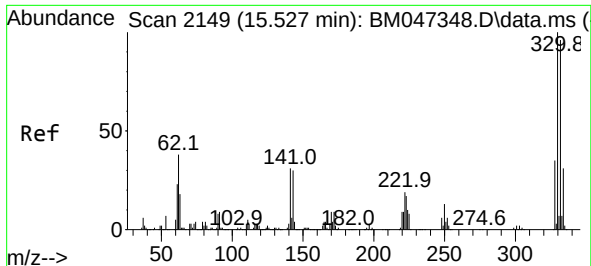
Tgt Ion: 82 Resp: 716543
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 43.7 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

Tgt Ion: 164 Resp: 533386
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 43.6 34.9 52.3

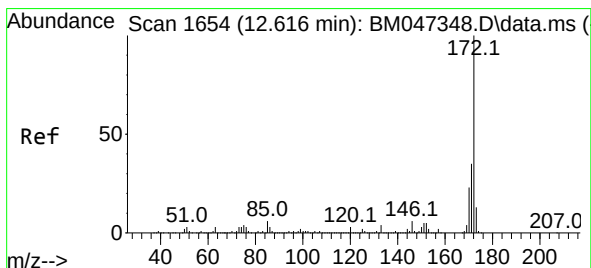
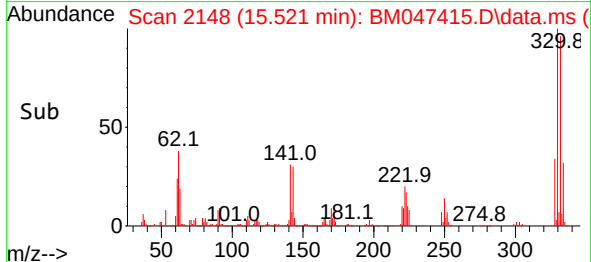
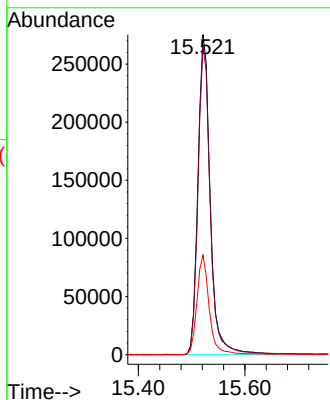
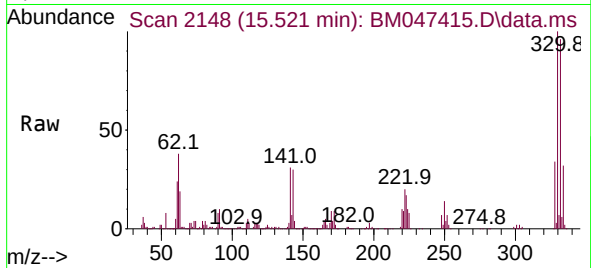




#42
2,4,6-Tribromophenol
Concen: 68.642 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

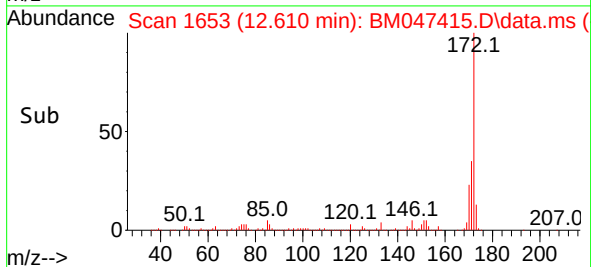
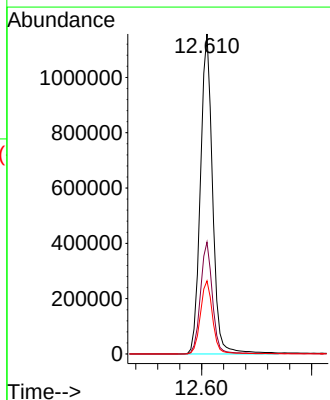
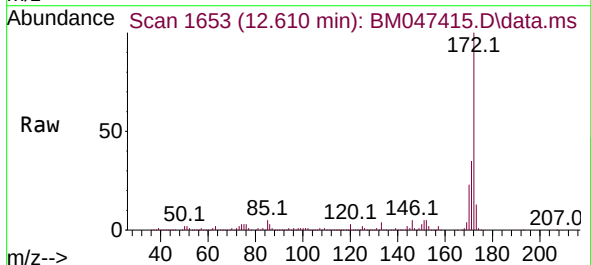
Instrument :
BNA_M
ClientSampleId :
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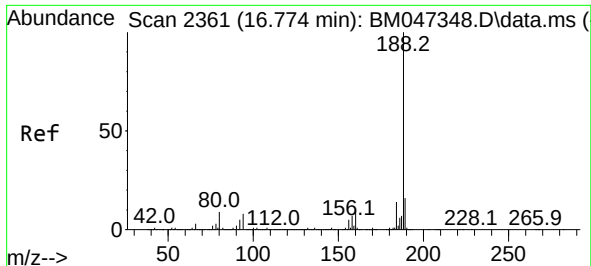
Tgt Ion:330 Resp: 441724
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 30.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 51.287 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

Tgt Ion:172 Resp: 1780411
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 22.8 18.5 27.7

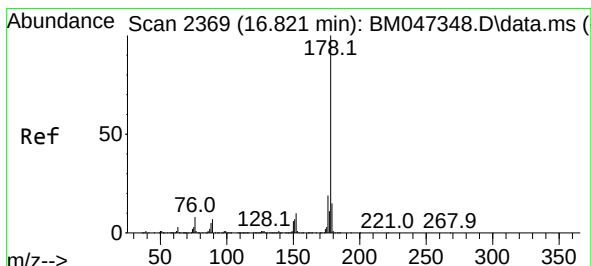
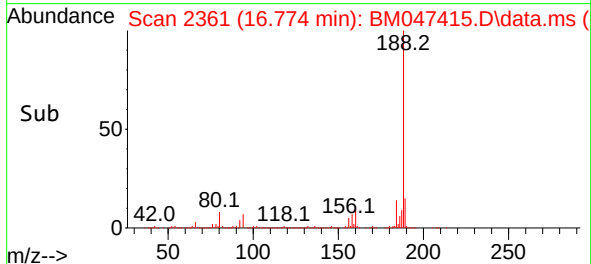
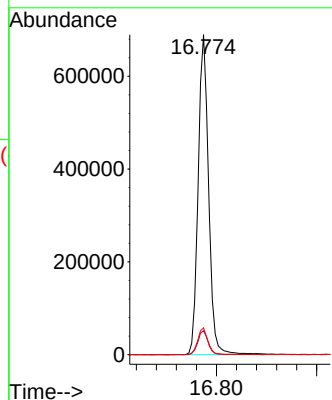
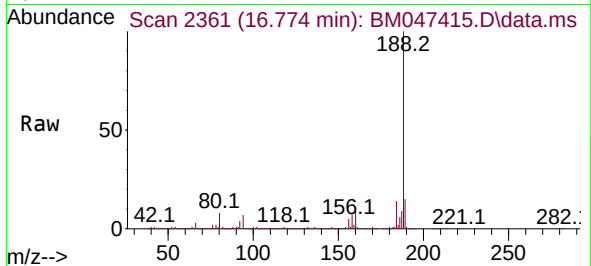




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

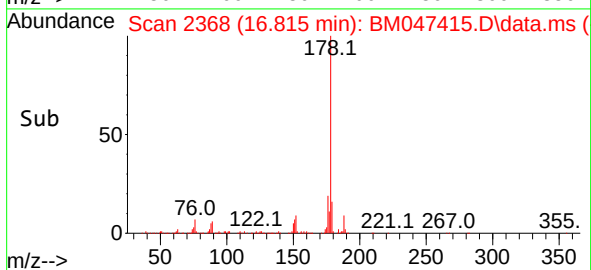
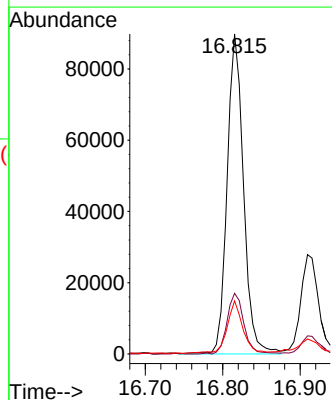
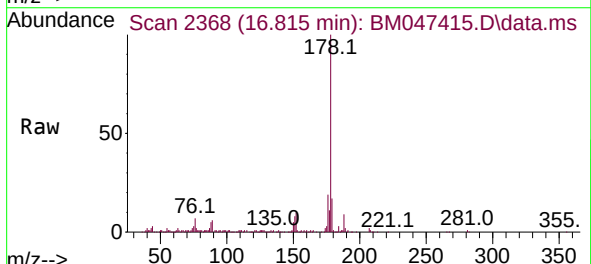
Instrument :
BNA_M
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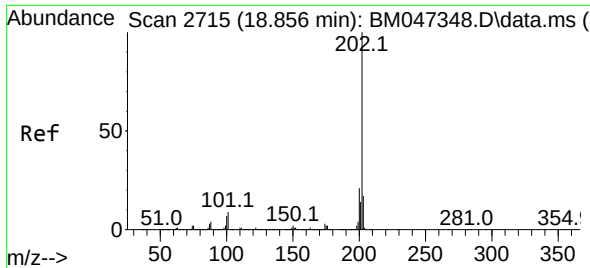
Tgt Ion:188 Resp: 996189
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.4 7.4 11.2



#71
Phenanthrene
Concen: 2.736 ng
RT: 16.815 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

Tgt Ion:178 Resp: 132380
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 16.6 12.2 18.4

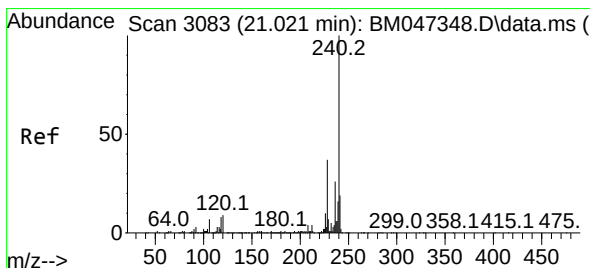
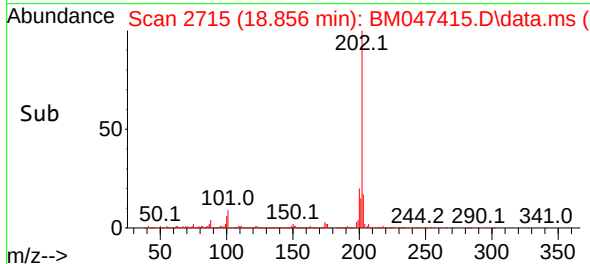
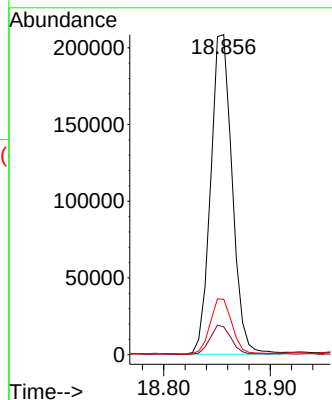
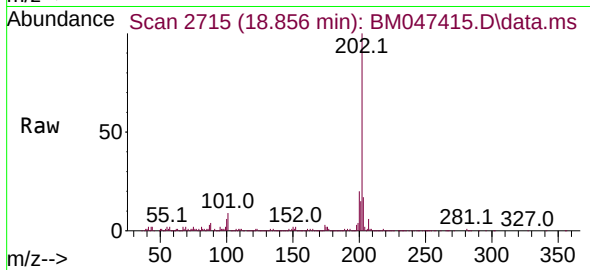




#75
Fluoranthene
Concen: 5.157 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

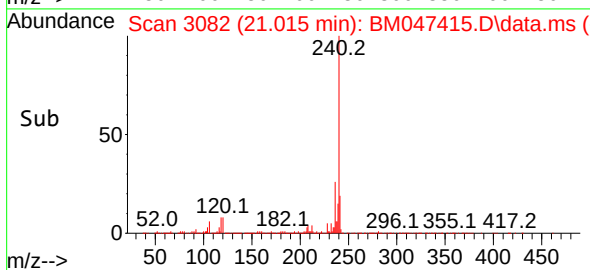
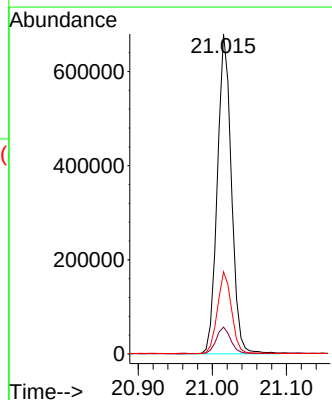
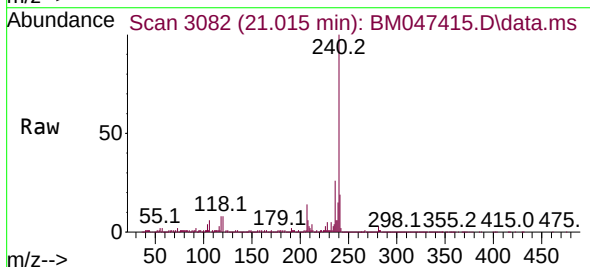
Instrument :
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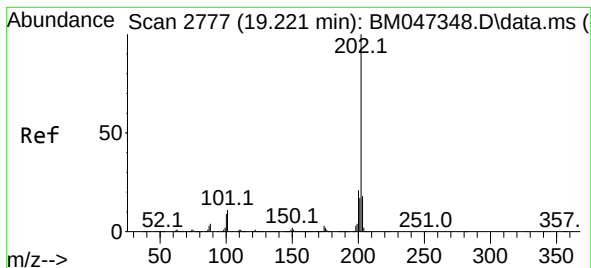
Tgt Ion:202 Resp: 292937
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.0
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

Tgt Ion:240 Resp: 895161
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 25.7 20.8 31.2





#78

Pyrene

Concen: 4.311 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

Instrument :

BNA_M

ClientSampleId :

207

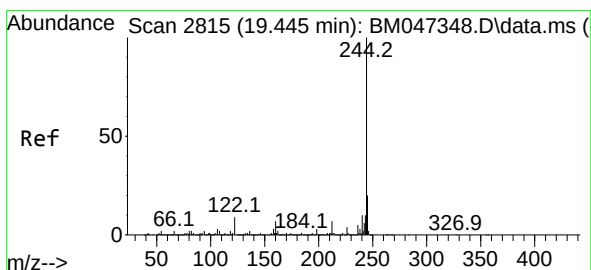
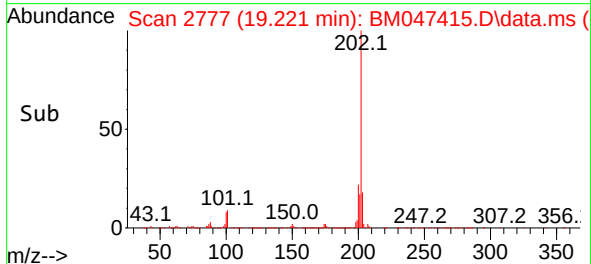
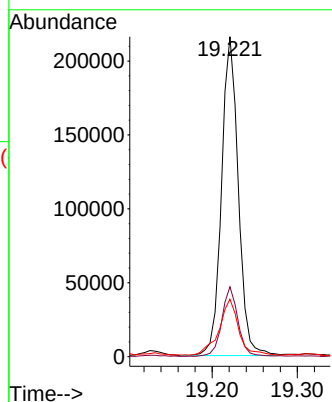
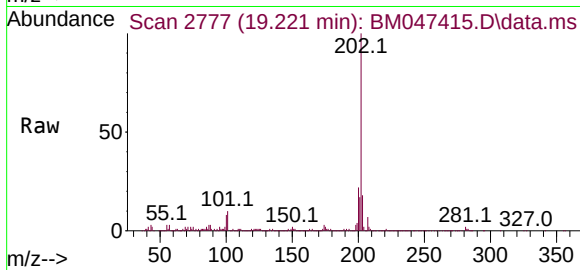
Tgt Ion:202 Resp: 295951

Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 18.0 14.2 21.4



#79

Terphenyl-d14

Concen: 44.851 ng

RT: 19.439 min Scan# 2814

Delta R.T. -0.006 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

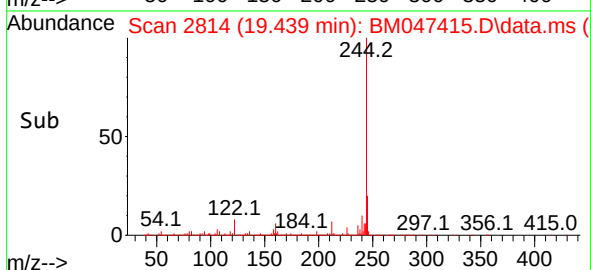
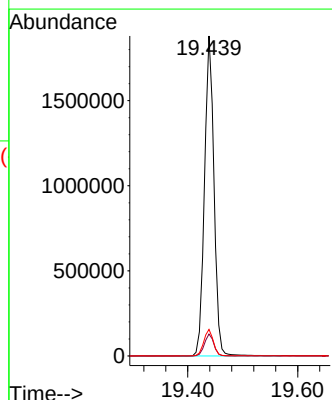
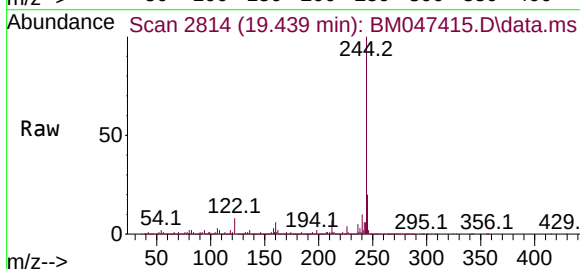
Tgt Ion:244 Resp: 2255604

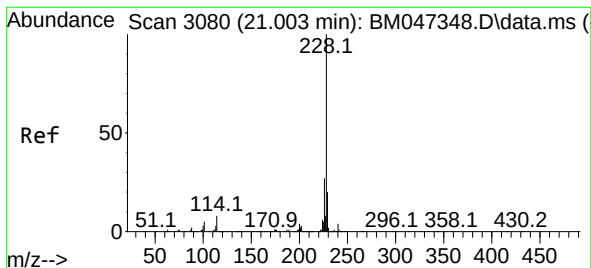
Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 8.3 7.0 10.4





#81

Benzo(a)anthracene

Concen: 2.757 ng

RT: 20.997 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

Instrument :

BNA_M

ClientSampleId :

207

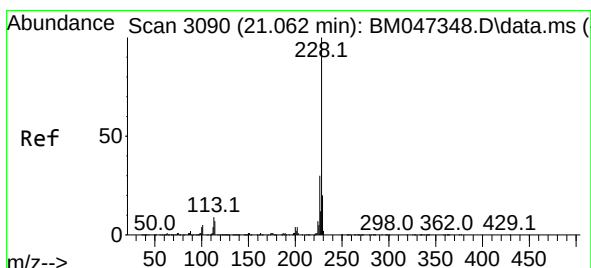
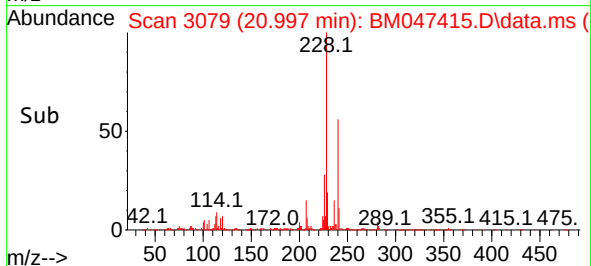
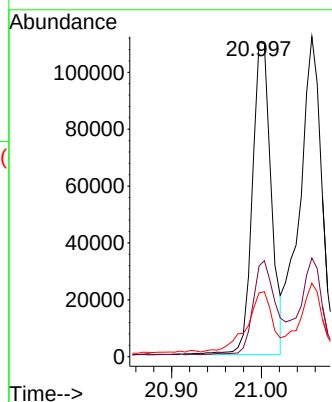
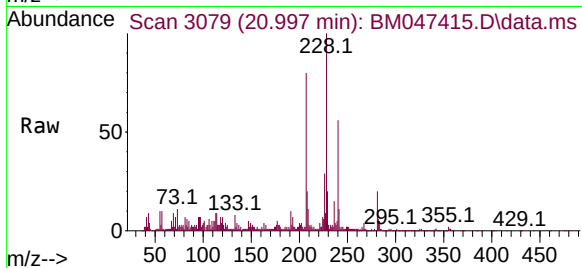
Tgt Ion:228 Resp: 160950

Ion Ratio Lower Upper

228 100

226 28.9 21.4 32.0

229 20.3 15.8 23.8



#83

Chrysene

Concen: 3.463 ng

RT: 21.056 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

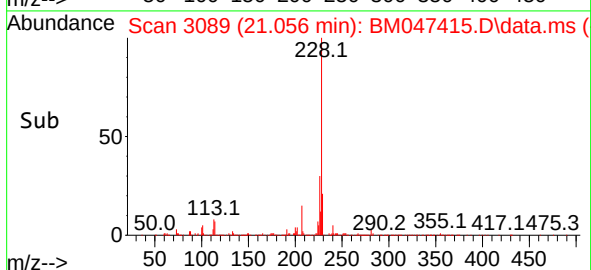
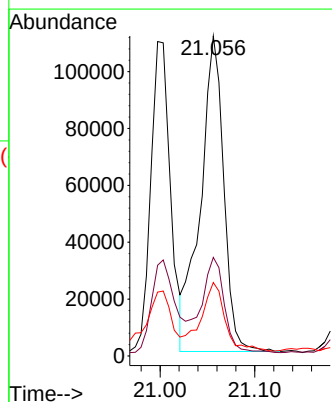
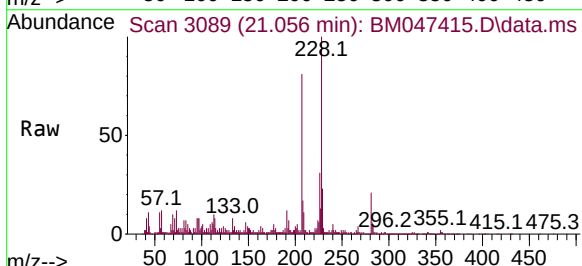
Tgt Ion:228 Resp: 190165

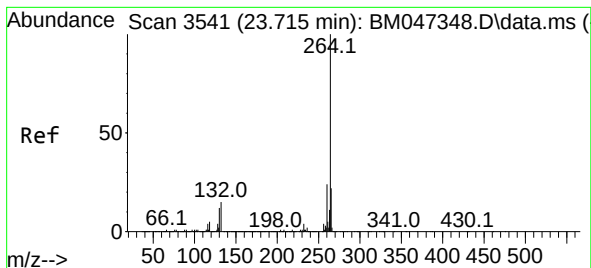
Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

229 22.9 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

Instrument :

BNA_M

ClientSampleId :

207

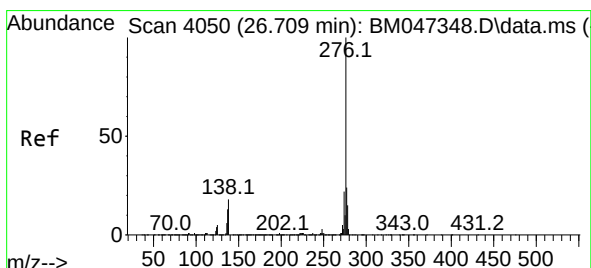
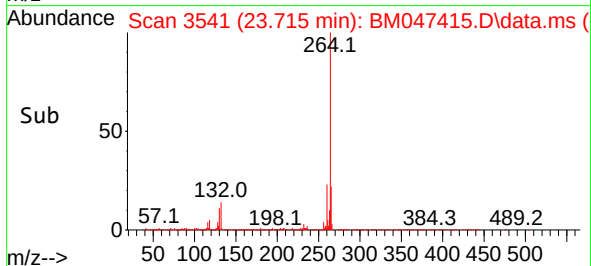
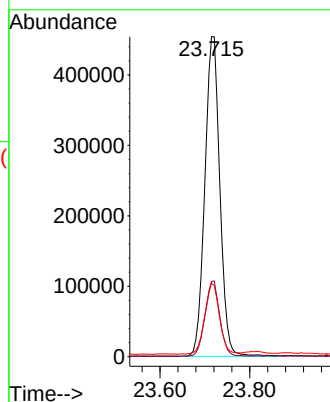
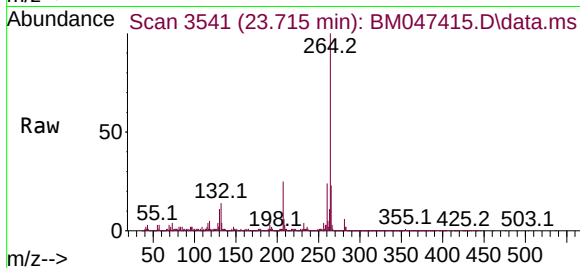
Tgt Ion:264 Resp: 1056073

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 23.1 17.8 26.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.026 ng

RT: 26.721 min Scan# 4052

Delta R.T. 0.012 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

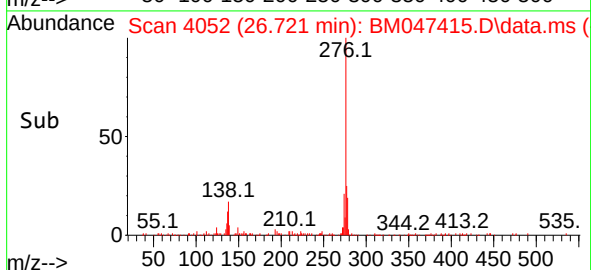
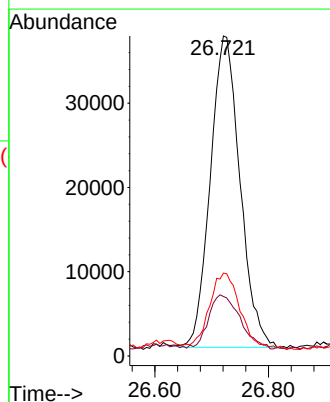
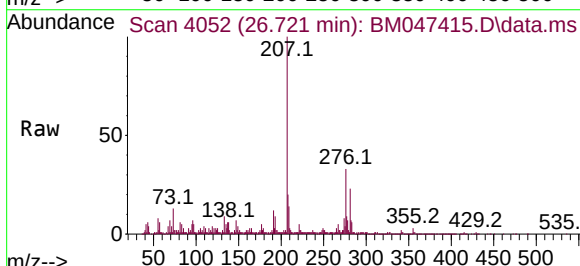
Tgt Ion:276 Resp: 133959

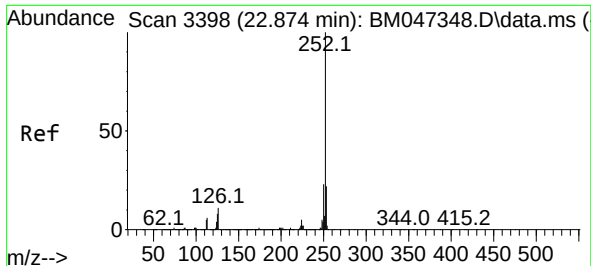
Ion Ratio Lower Upper

276 100

138 18.5 17.7 26.5

277 26.1 20.0 30.0

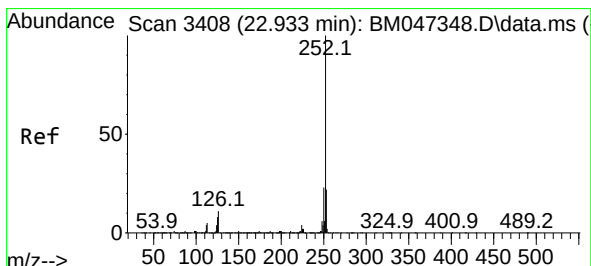
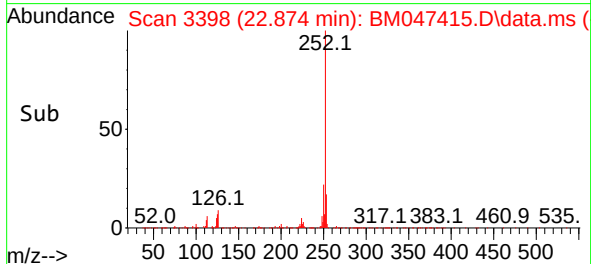
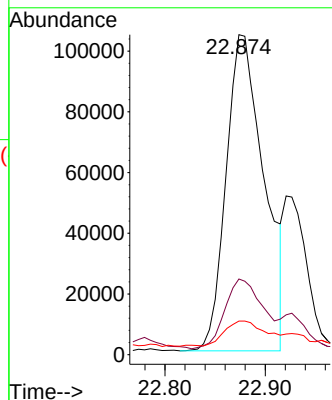
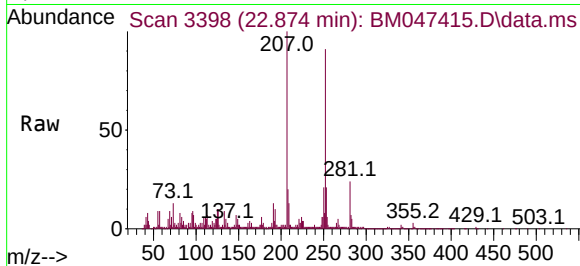




#88
Benzo(b)fluoranthene
Concen: 4.460 ng
RT: 22.874 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

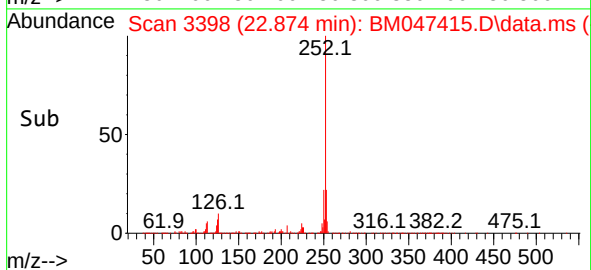
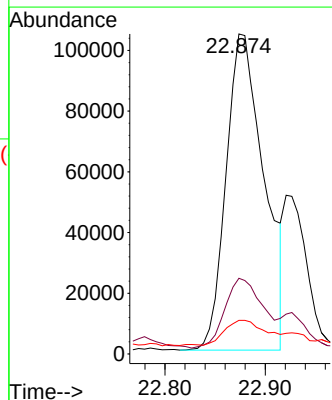
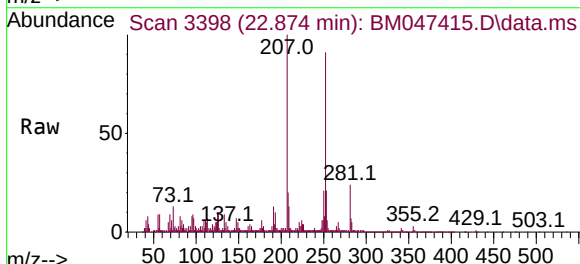
Instrument :
BNA_M
ClientSampleId :
207

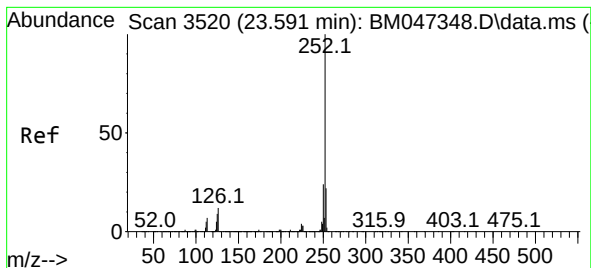
Tgt Ion:252 Resp: 274796
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 10.5 6.6 10.0#



#89
Benzo(k)fluoranthene
Concen: 4.705 ng
RT: 22.874 min Scan# 3398
Delta R.T. -0.059 min
Lab File: BM047415.D
Acq: 30 Aug 2024 20:58

Tgt Ion:252 Resp: 274796
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 10.5 6.6 9.8#





#90

Benzo(a)pyrene

Concen: 3.195 ng

RT: 23.591 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

Instrument :

BNA_M

ClientSampleId :

207

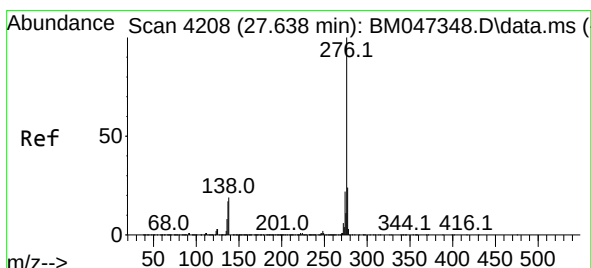
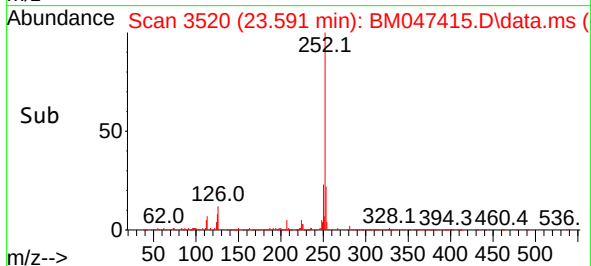
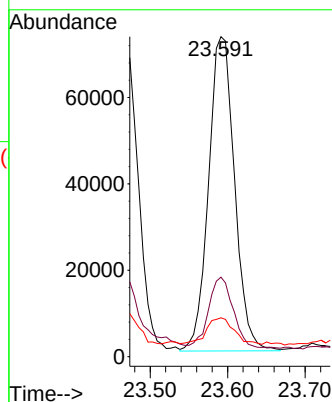
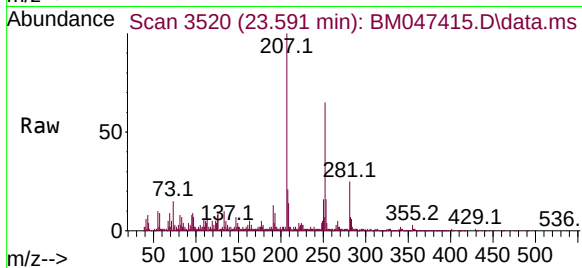
Tgt Ion:252 Resp: 170235

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 12.2 7.4 11.2#



#92

Benzo(g,h,i)perylene

Concen: 2.653 ng

RT: 27.656 min Scan# 4211

Delta R.T. 0.018 min

Lab File: BM047415.D

Acq: 30 Aug 2024 20:58

Tgt Ion:276 Resp: 147731

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.0

138 18.7 15.0 22.6

