

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
 Data File : BM047376.D
 Acq On : 28 Aug 2024 11:42
 Operator : RC/JU
 Sample : P3737-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Quant Time: Aug 28 12:29:29 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)

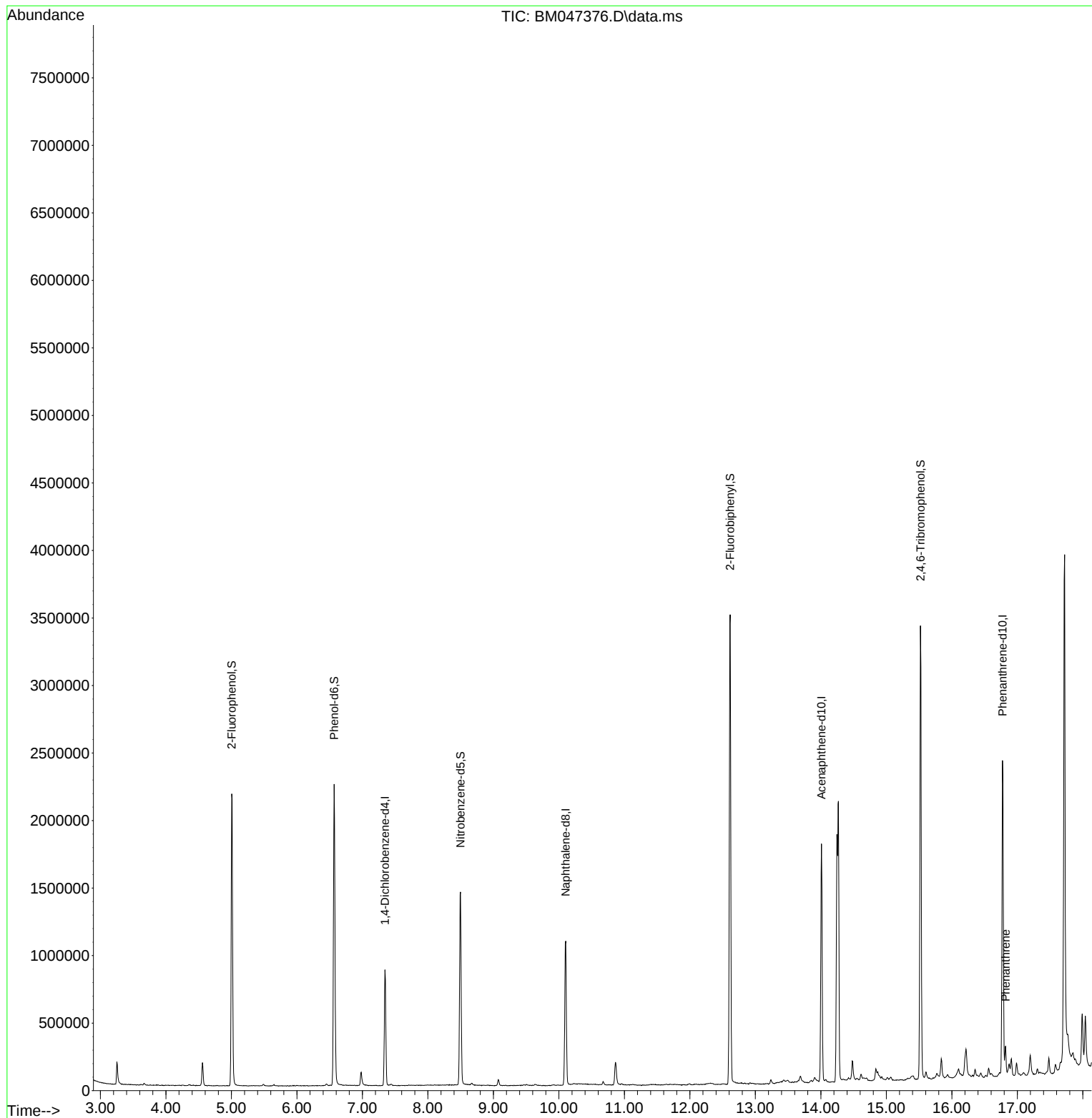
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	243497	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	919690	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	642964	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1419475	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1288894	20.000	ng	0.00
86) Perylene-d12	23.721	264	1239467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	981390	77.325	ng	0.00
7) Phenol-d6	6.569	99	1352049	78.201	ng	0.00
23) Nitrobenzene-d5	8.498	82	854915	51.578	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	648337	83.578	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	1976911	47.243	ng	0.00
79) Terphenyl-d14	19.445	244	3010851	41.580	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.821	178	142437	2.066	ng	99
75) Fluoranthene	18.856	202	353181	4.363	ng	98
78) Pyrene	19.221	202	324662	3.284	ng	99
81) Benzo(a)anthracene	21.003	228	286212	3.405	ng	98
83) Chrysene	21.062	228	311030	3.934	ng	99
88) Benzo(b)fluoranthene	22.880	252	289045	3.997	ng	97
89) Benzo(k)fluoranthene	22.933	252	188486	2.750	ng	97
90) Benzo(a)pyrene	23.591	252	178179	2.849	ng	# 92

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

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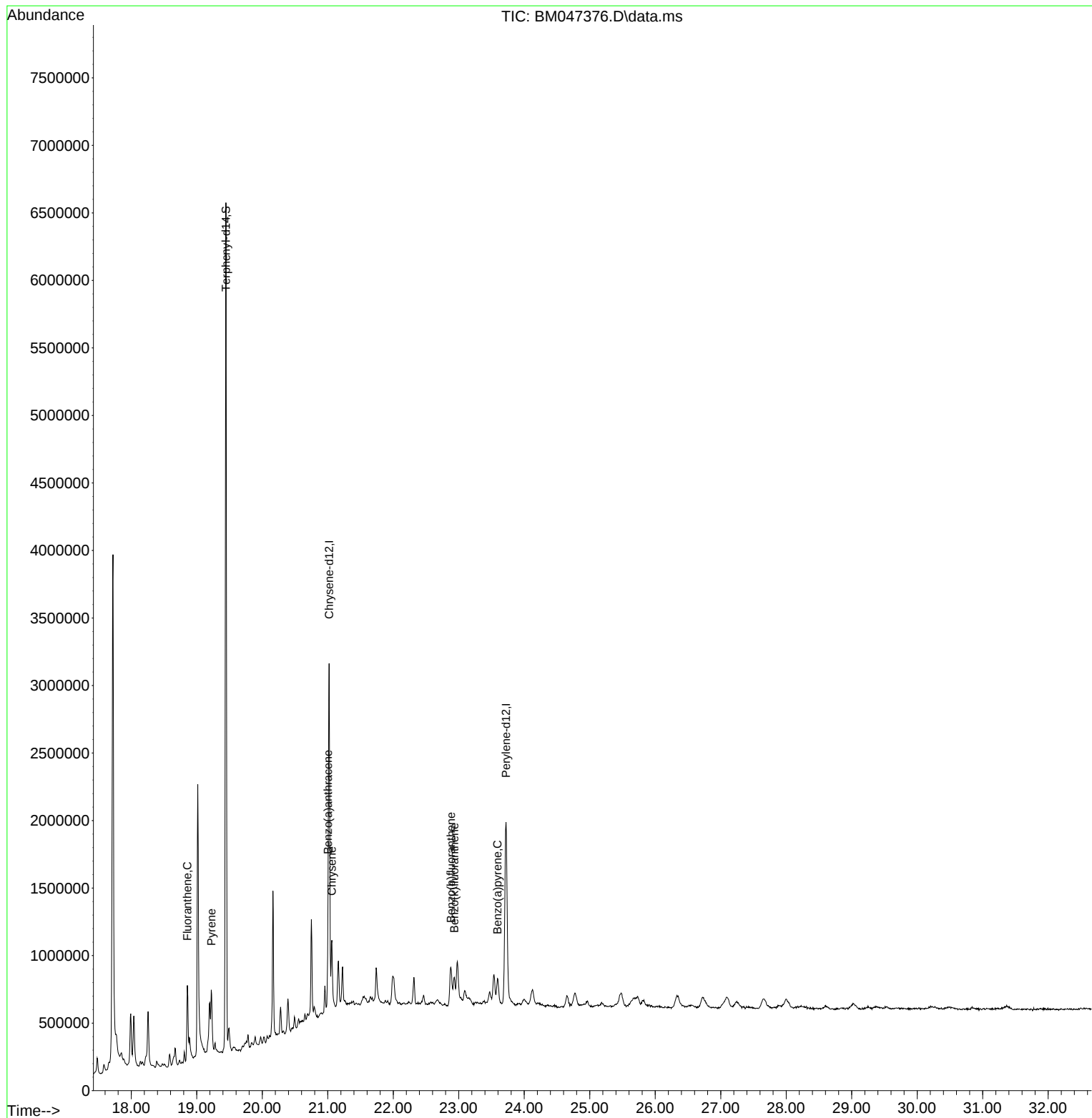
Quant Time: Aug 28 12:29:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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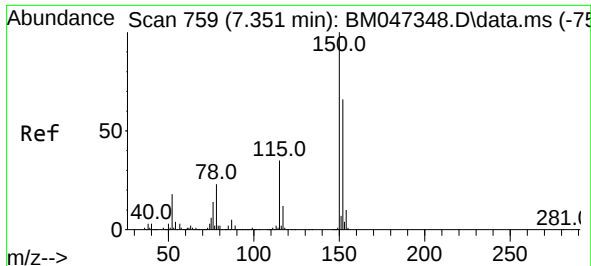


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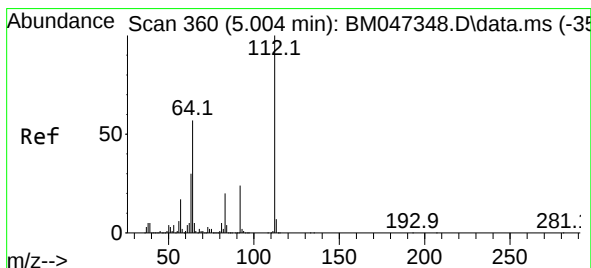
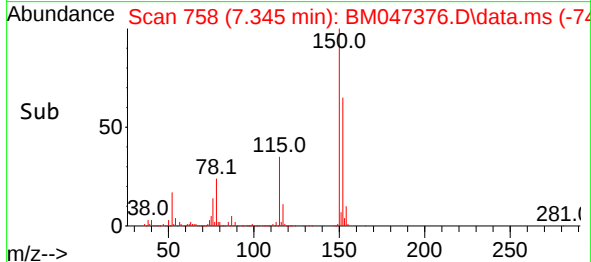
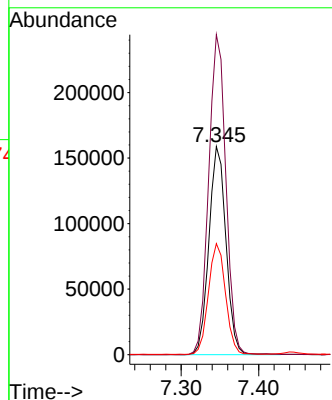
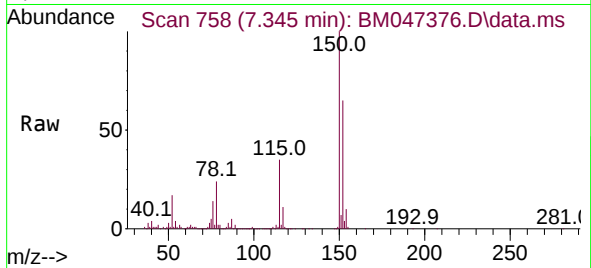




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 759
Delta R.T. -0.006 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

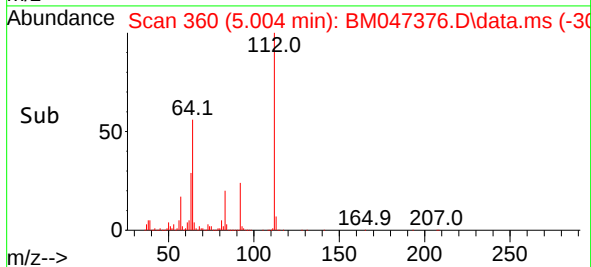
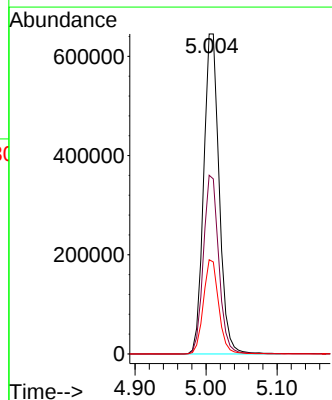
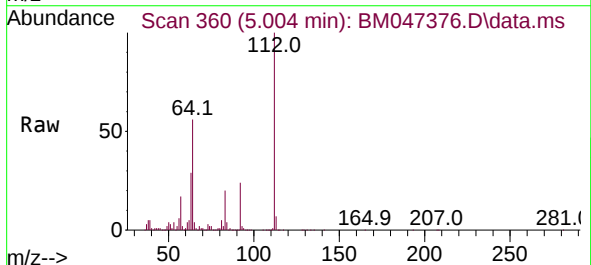
Instrument :
BNA_M
ClientSampleId :
COMP-3

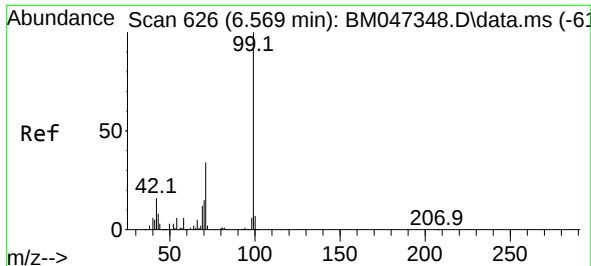
Tgt Ion:152 Resp: 243497
Ion Ratio Lower Upper
152 100
150 153.7 121.3 181.9
115 53.4 42.6 64.0



#5
2-Fluorophenol
Concen: 77.325 ng
RT: 5.004 min Scan# 360
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

Tgt Ion:112 Resp: 981390
Ion Ratio Lower Upper
112 100
64 55.9 45.7 68.5
63 29.5 23.8 35.8

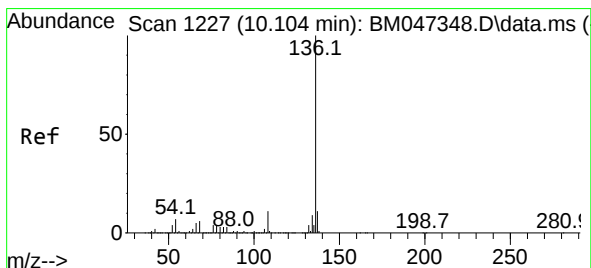
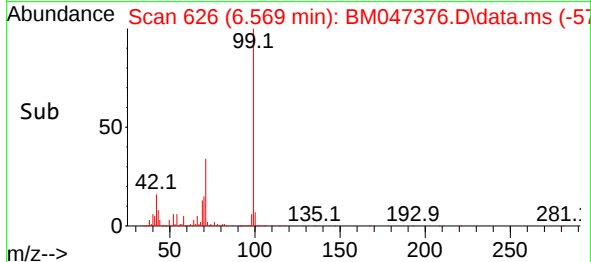
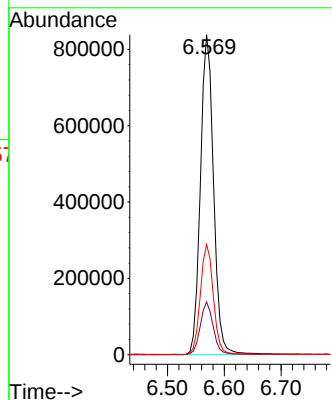
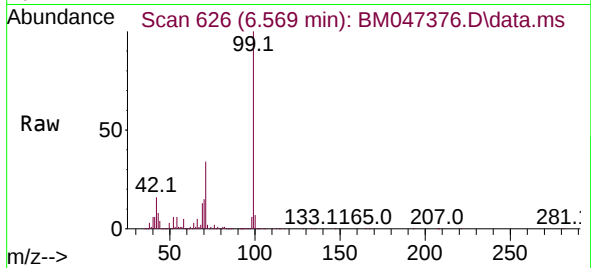




#7
Phenol-d6
Concen: 78.201 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

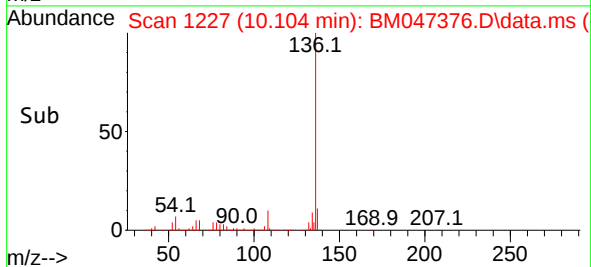
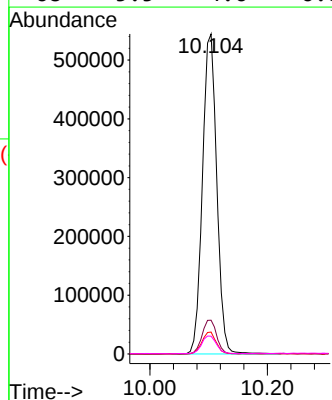
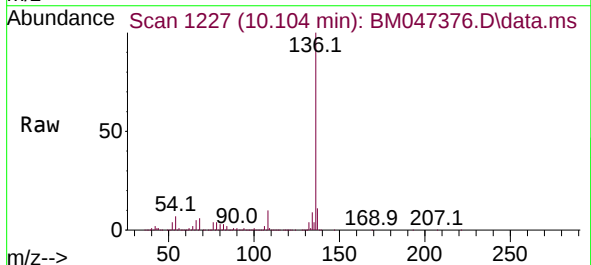
Instrument :
BNA_M
ClientSampleId :
COMP-3

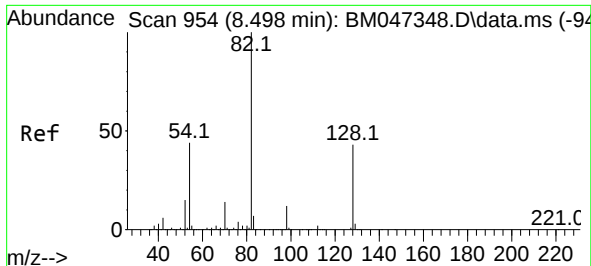
Tgt Ion: 99 Resp: 1352049
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.4
71 34.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

Tgt Ion: 136 Resp: 919690
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.2 7.8
68 5.5 4.6 6.8

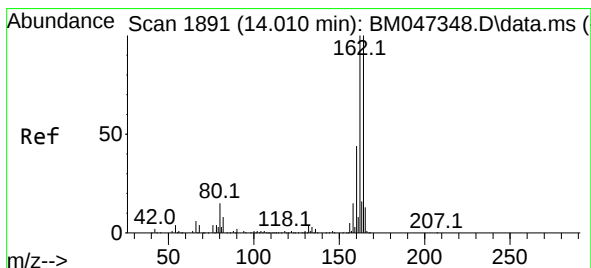
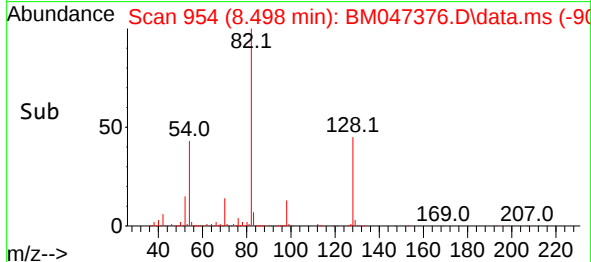
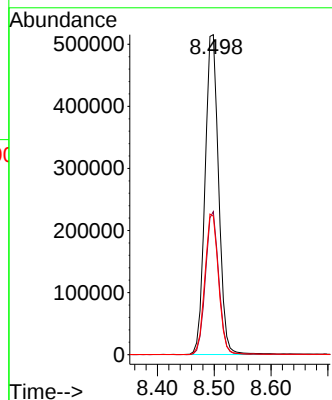
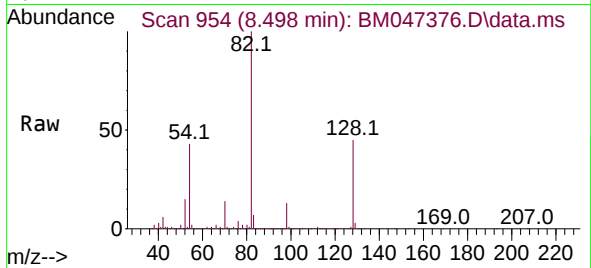




#23
Nitrobenzene-d5
Concen: 51.578 ng
RT: 8.498 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

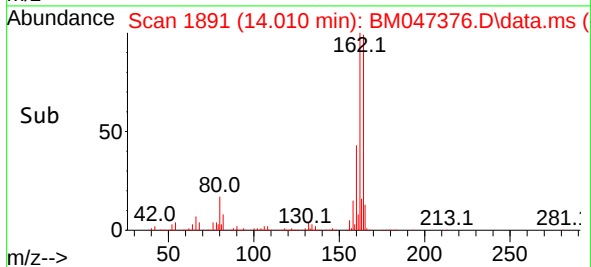
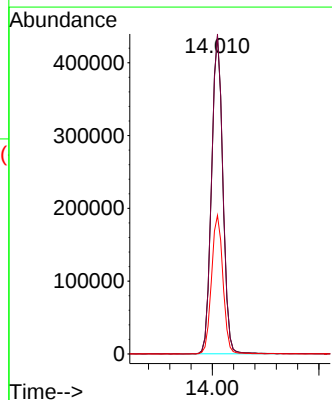
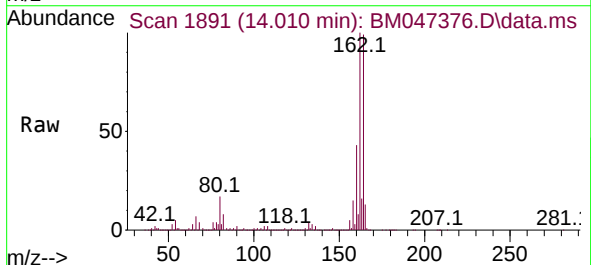
Instrument :
BNA_M
ClientSampleId :
COMP-3

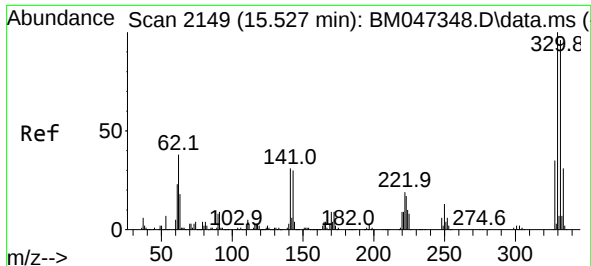
Tgt Ion: 82 Resp: 854915
Ion Ratio Lower Upper
82 100
128 44.7 34.6 51.8
54 43.3 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

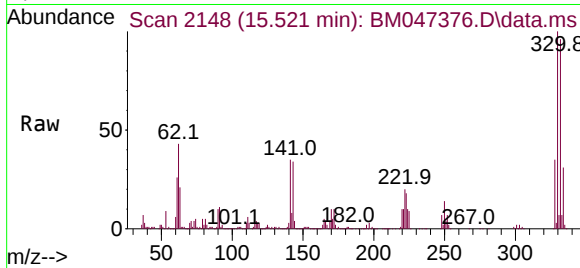
Tgt Ion:164 Resp: 642964
Ion Ratio Lower Upper
164 100
162 100.6 79.7 119.5
160 43.6 34.9 52.3



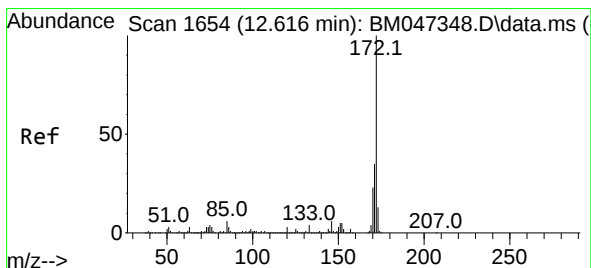
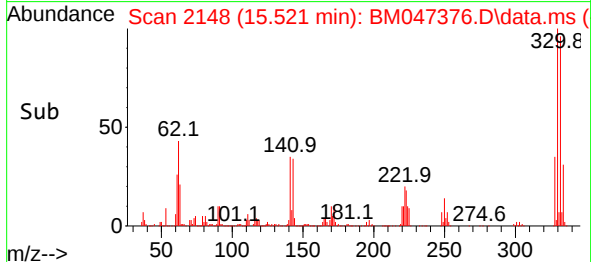
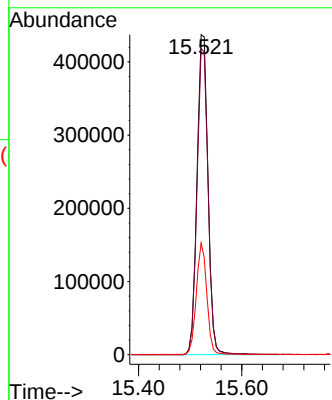


#42
2,4,6-Tribromophenol
Concen: 83.578 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

Instrument :
BNA_M
ClientSampleId :
COMP-3

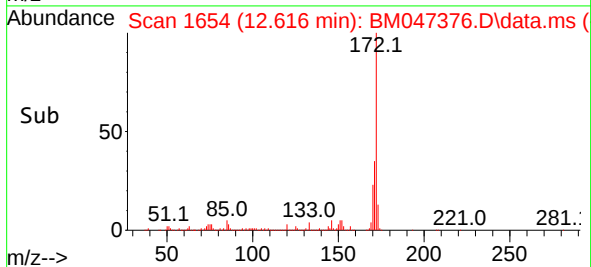
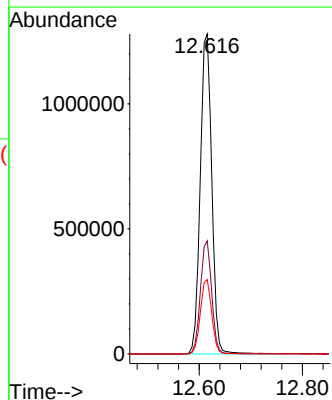
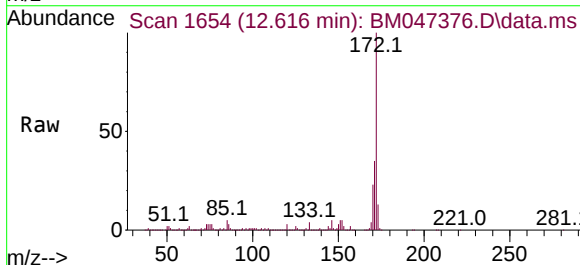


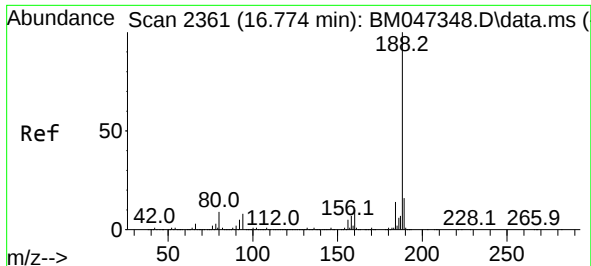
Tgt Ion:330 Resp: 648337
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 33.2 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 47.243 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

Tgt Ion:172 Resp: 1976911
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.3 18.5 27.7

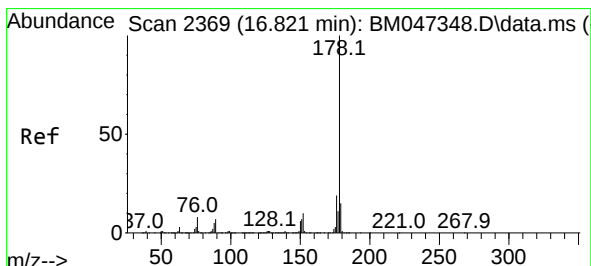
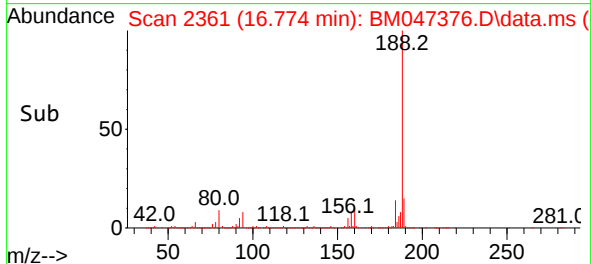
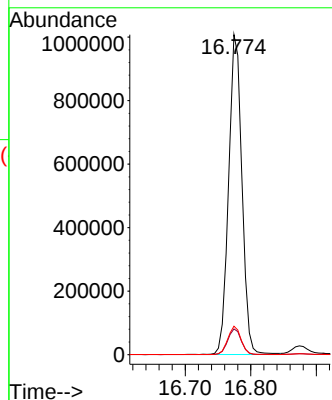
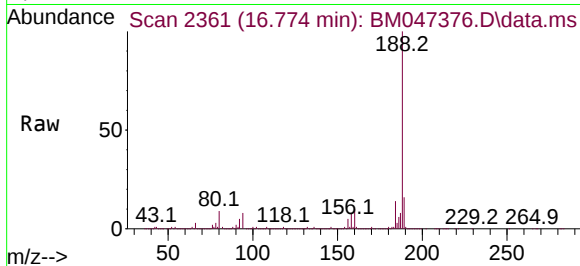




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

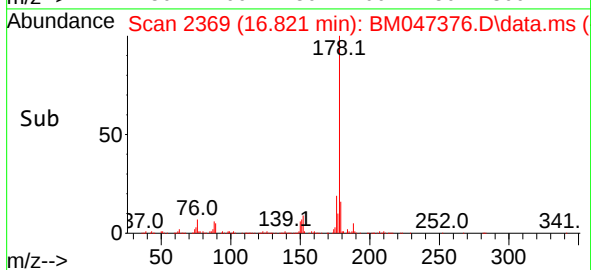
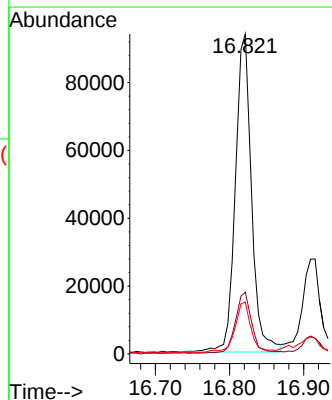
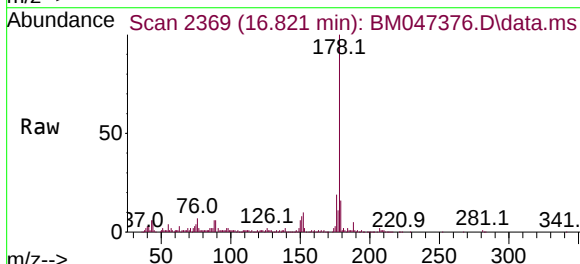
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ClientSampleId :
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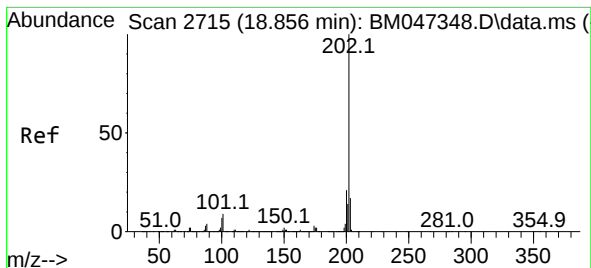
Tgt Ion:188 Resp: 1419475
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.9 7.4 11.2



#71
Phenanthrene
Concen: 2.066 ng
RT: 16.821 min Scan# 2369
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

Tgt Ion:178 Resp: 142437
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 16.2 12.2 18.4





#75

Fluoranthene

Concen: 4.363 ng

RT: 18.856 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

Instrument :

BNA_M

ClientSampleId :

COMP-3

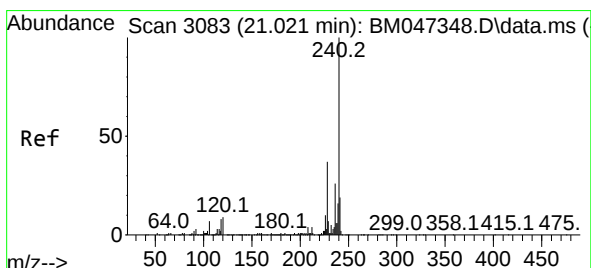
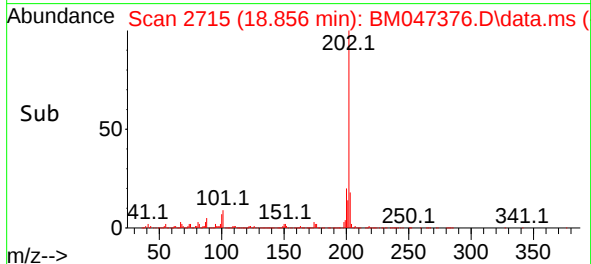
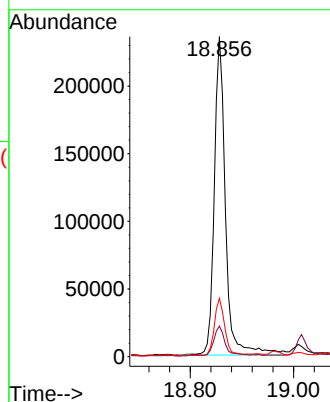
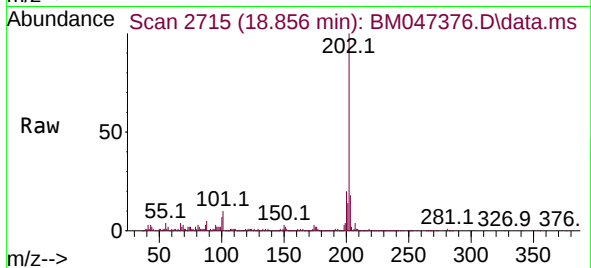
Tgt Ion:202 Resp: 353181

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.0

203 18.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

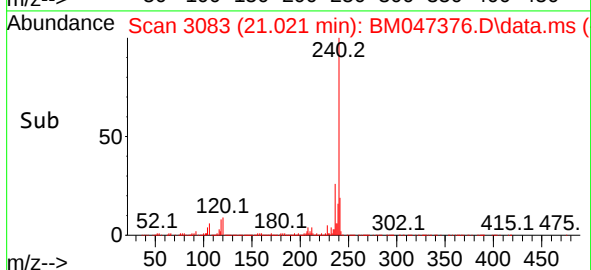
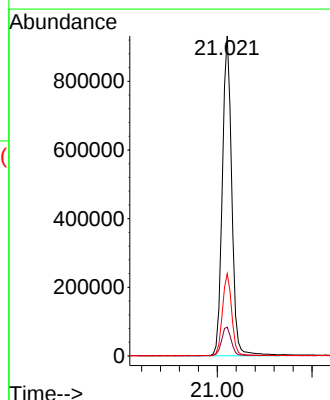
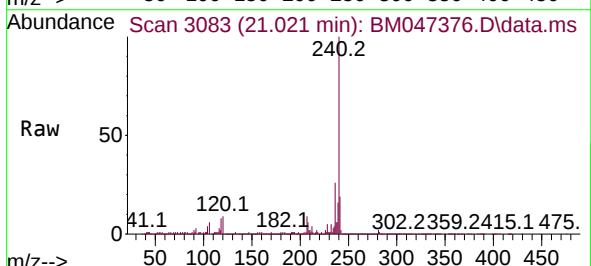
Tgt Ion:240 Resp: 1288894

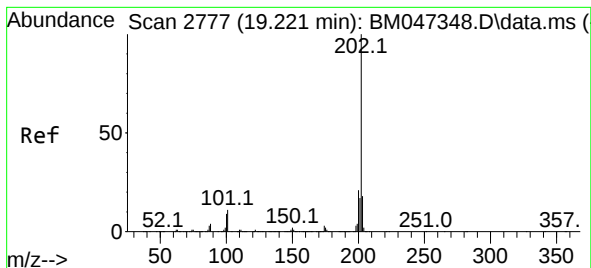
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

236 25.7 20.8 31.2





#78

Pyrene

Concen: 3.284 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

Instrument :

BNA_M

ClientSampleId :

COMP-3

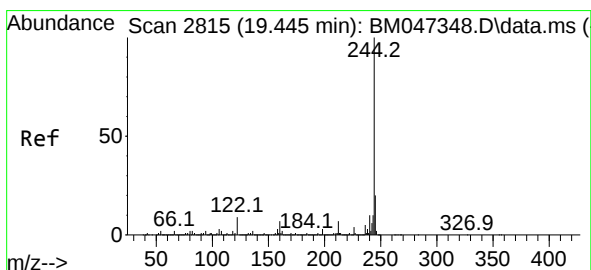
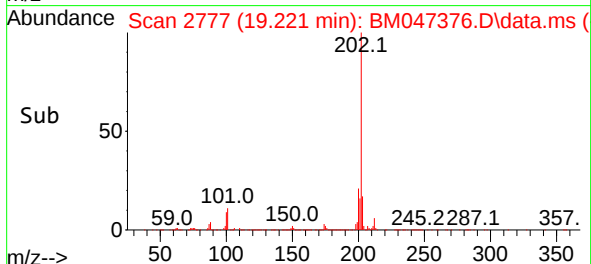
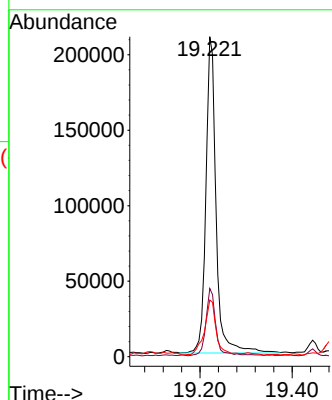
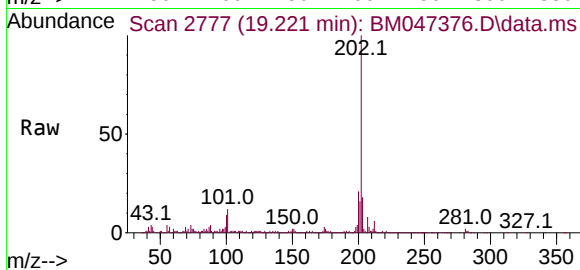
Tgt Ion:202 Resp: 324662

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 17.7 14.2 21.4



#79

Terphenyl-d14

Concen: 41.580 ng

RT: 19.445 min Scan# 2815

Delta R.T. -0.000 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

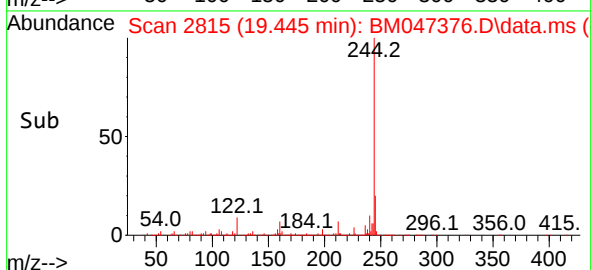
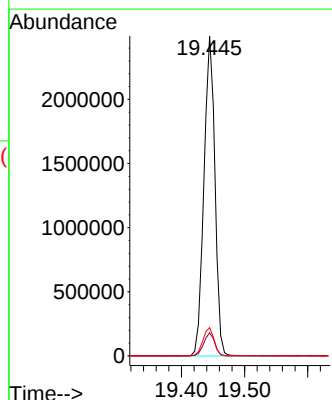
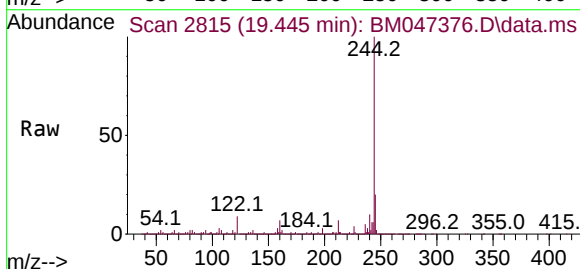
Tgt Ion:244 Resp: 3010851

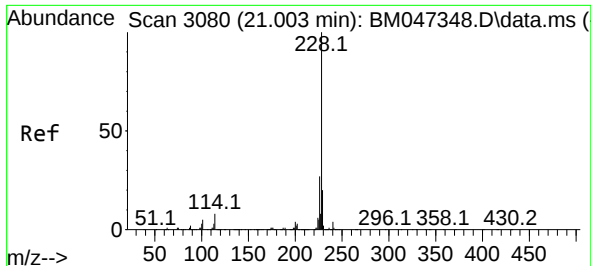
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.8 7.0 10.4

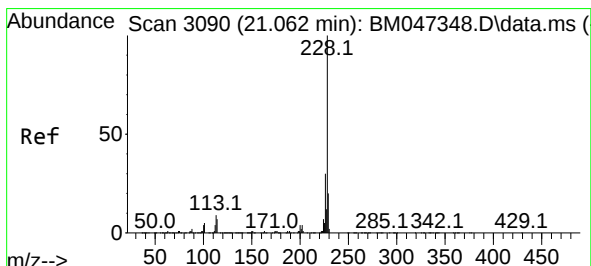
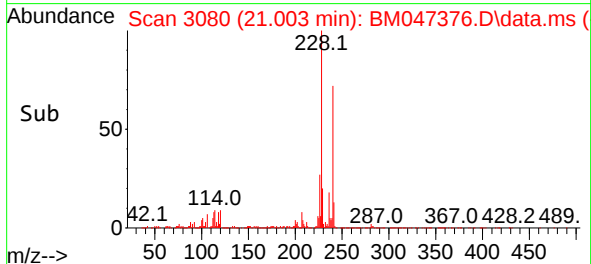
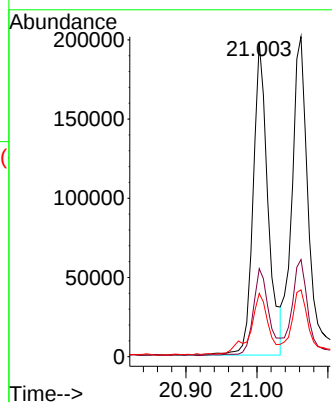
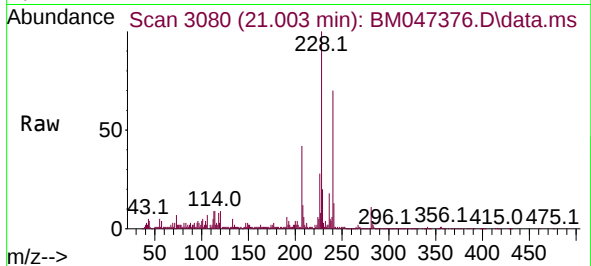




#81
Benzo(a)anthracene
Concen: 3.405 ng
RT: 21.003 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

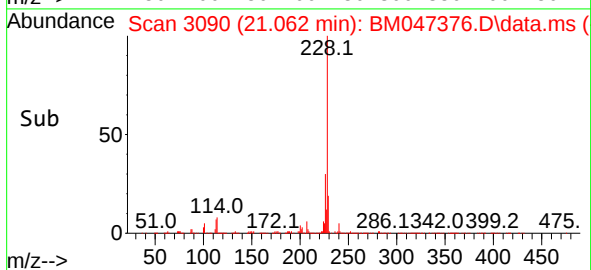
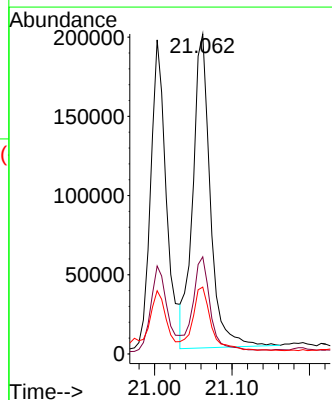
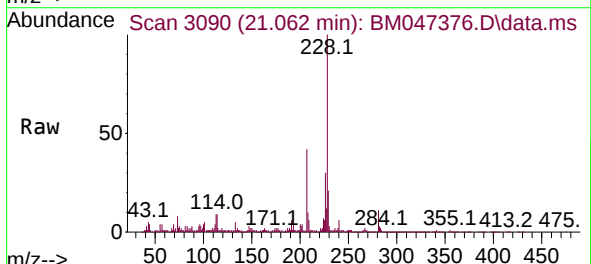
Instrument :
BNA_M
ClientSampleId :
COMP-3

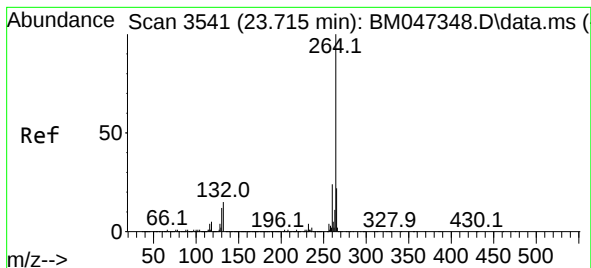
Tgt Ion:228 Resp: 286212
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.1 15.8 23.8



#83
Chrysene
Concen: 3.934 ng
RT: 21.062 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BM047376.D
Acq: 28 Aug 2024 11:42

Tgt Ion:228 Resp: 311030
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 20.9 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

Instrument :

BNA_M

ClientSampleId :

COMP-3

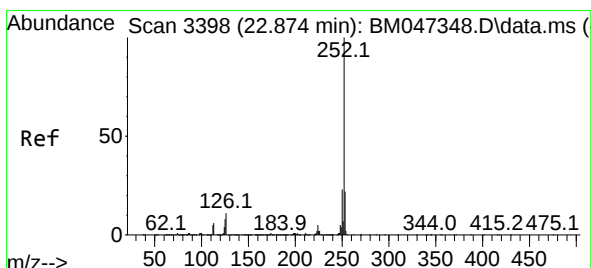
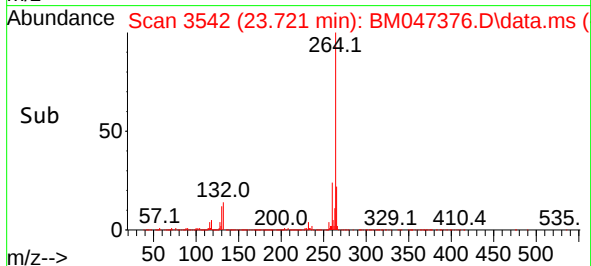
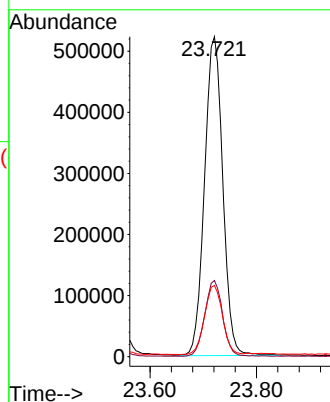
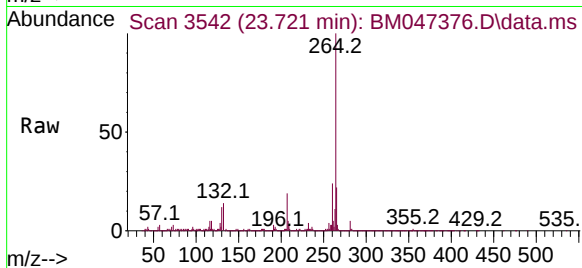
Tgt Ion:264 Resp: 1239467

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.3 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 3.997 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

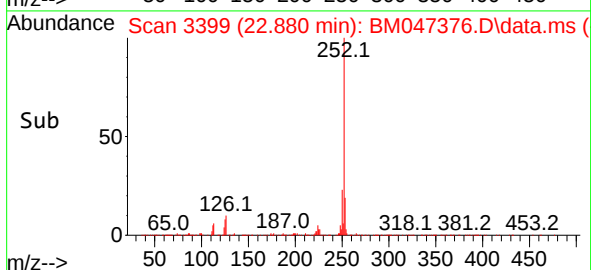
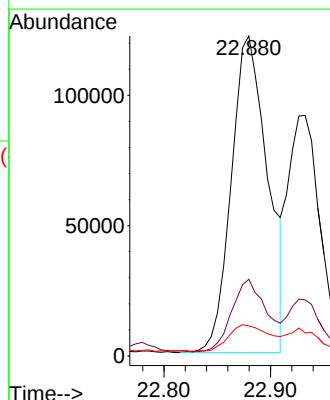
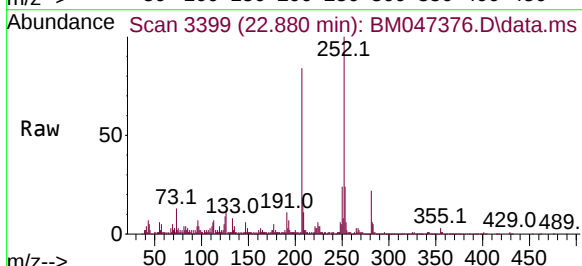
Tgt Ion:252 Resp: 289045

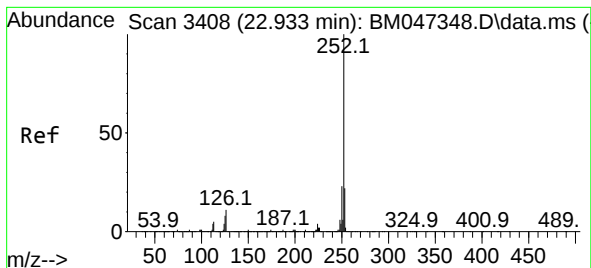
Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 9.4 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 2.750 ng

RT: 22.933 min Scan# 3408

Delta R.T. -0.000 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

Instrument :

BNA_M

ClientSampleId :

COMP-3

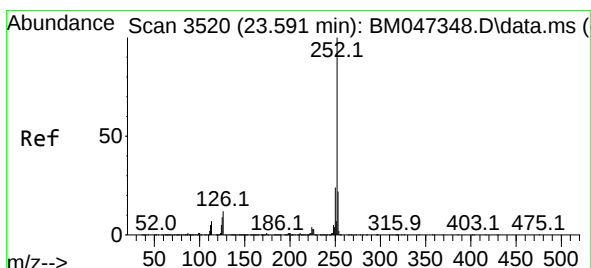
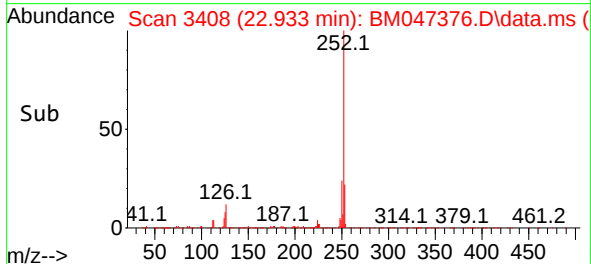
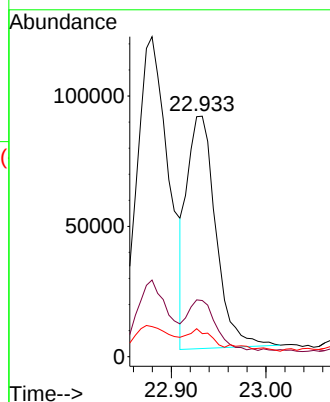
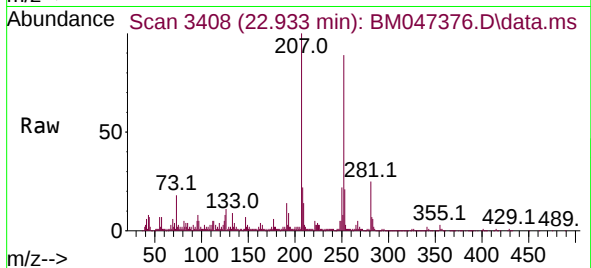
Tgt Ion:252 Resp: 188486

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 9.6 6.6 9.8



#90

Benzo(a)pyrene

Concen: 2.849 ng

RT: 23.591 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM047376.D

Acq: 28 Aug 2024 11:42

Tgt Ion:252 Resp: 178179

Ion Ratio Lower Upper

252 100

253 25.3 17.7 26.5

125 13.0 7.4 11.2#

