

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
 Data File : BM047452.D
 Acq On : 05 Sep 2024 18:05
 Operator : RC/JU
 Sample : P3838-01 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-0902424

Quant Time: Sep 05 18:47:35 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)

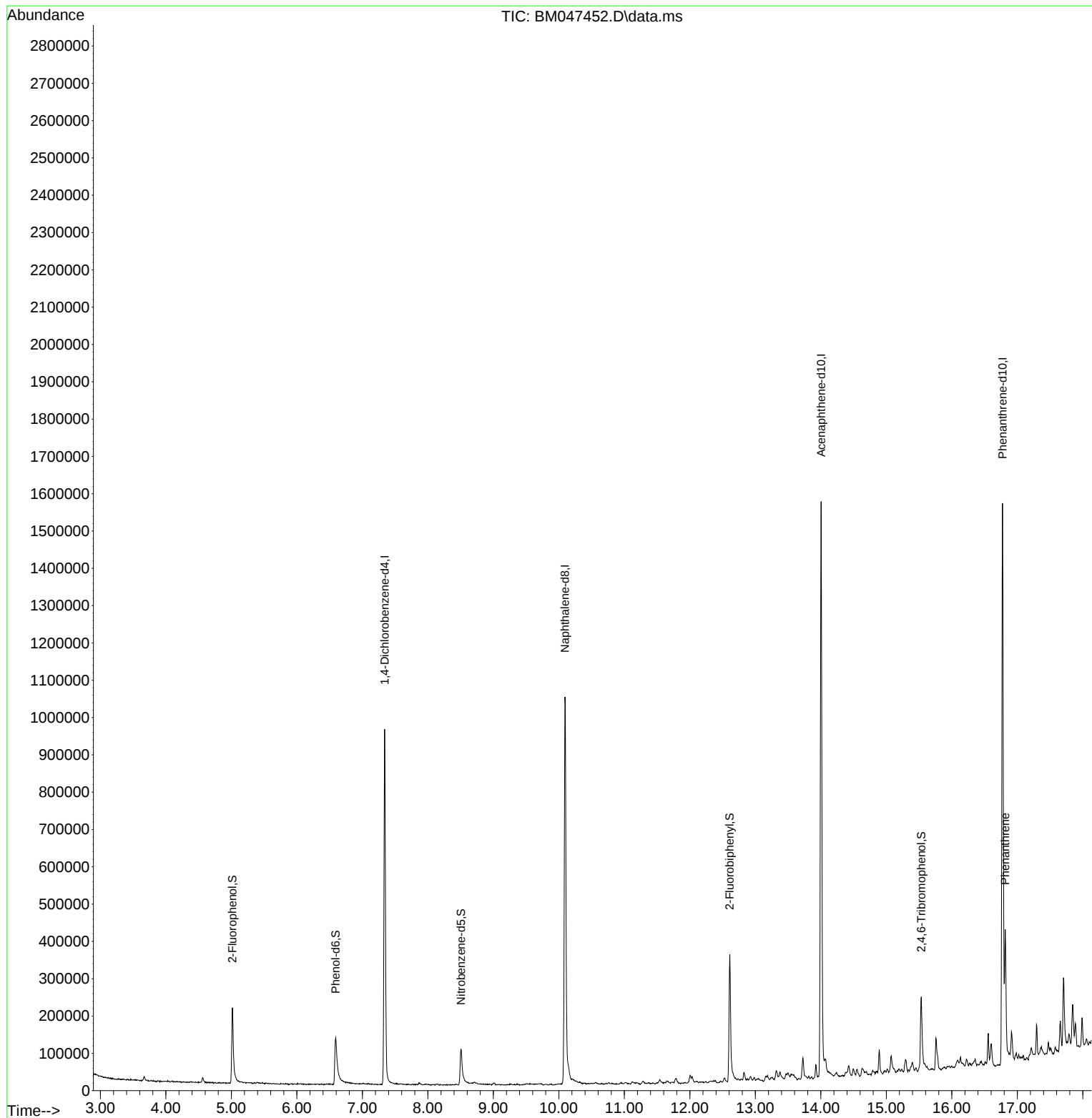
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	287815	20.000	ng	-0.01
21) Naphthalene-d8	10.092	136	1009843	20.000	ng	-0.01
39) Acenaphthene-d10	14.004	164	618309	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1069916	20.000	ng	0.00
76) Chrysene-d12	21.015	240	833424	20.000	ng	0.00
86) Perylene-d12	23.721	264	975621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	116904	7.793	ng	0.01
7) Phenol-d6	6.593	99	136357	6.672	ng	0.02
23) Nitrobenzene-d5	8.504	82	88886	4.884	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	50754	6.804	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	239475	5.951	ng	0.00
79) Terphenyl-d14	19.439	244	268363	5.731	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	147	Below Cal	#	37
71) Phenanthrene	16.816	178	218170	4.199	ng	99
75) Fluoranthene	18.857	202	229227	3.757	ng	98
78) Pyrene	19.221	202	245610	3.842	ng	98
81) Benzo(a)anthracene	21.003	228	110735	2.037	ng	# 89
83) Chrysene	21.056	228	110746	2.166	ng	95
88) Benzo(b)fluoranthene	22.886	252	120714	2.121	ng	# 81
89) Benzo(k)fluoranthene	22.886	252	120714	2.237	ng	# 80

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-0902424

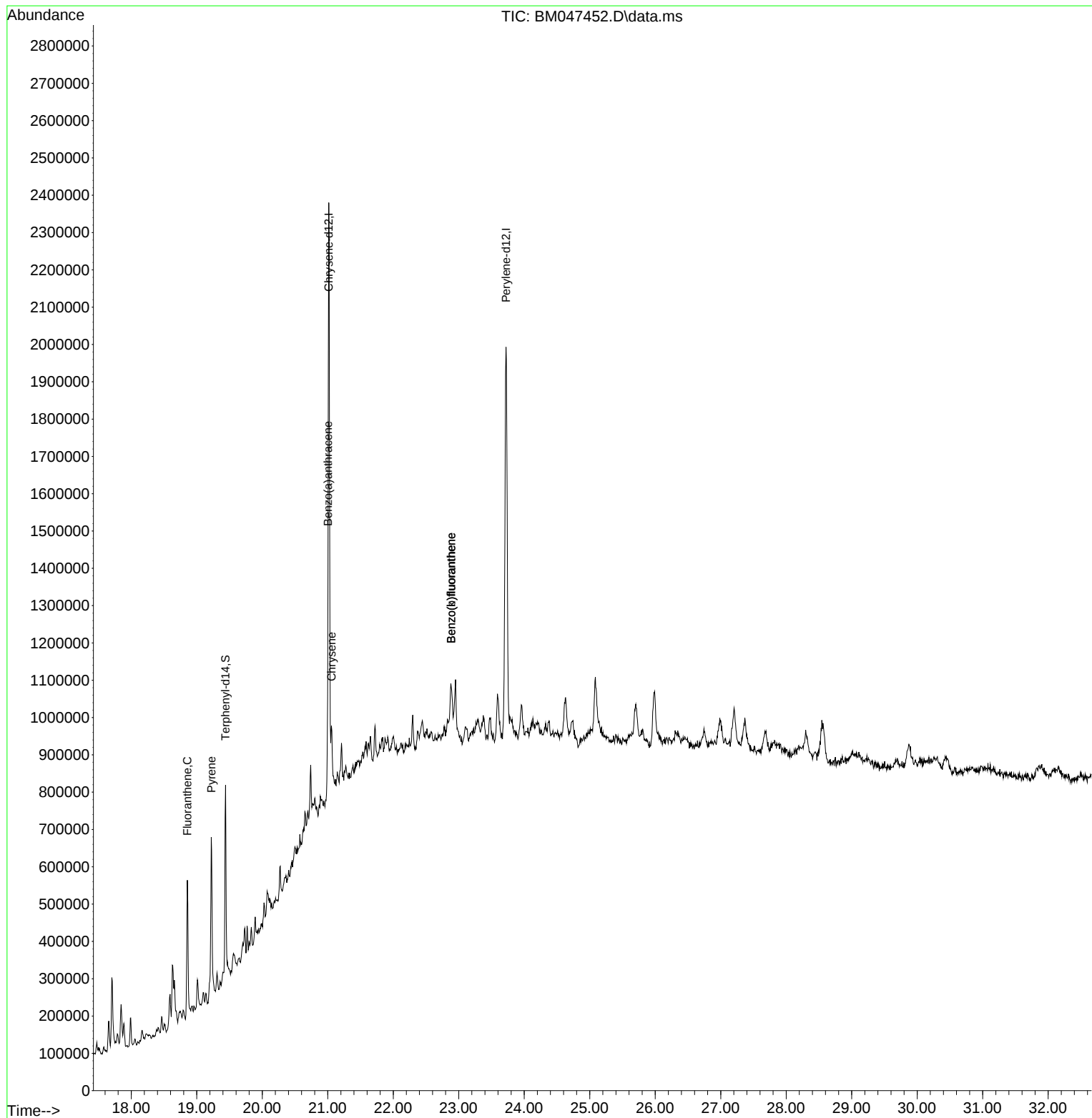
Quant Time: Sep 05 18:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

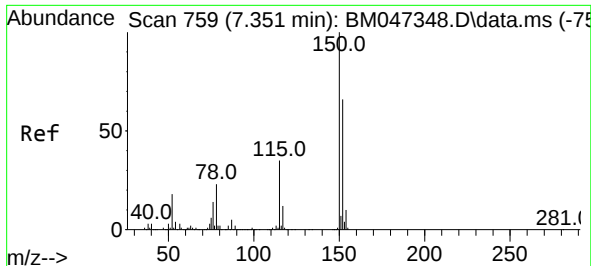


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
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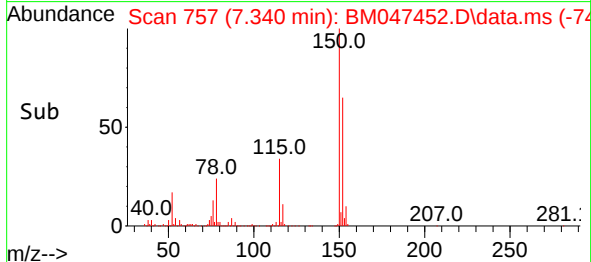
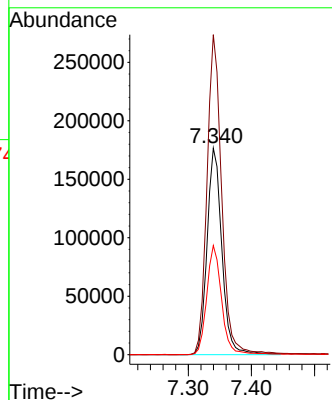
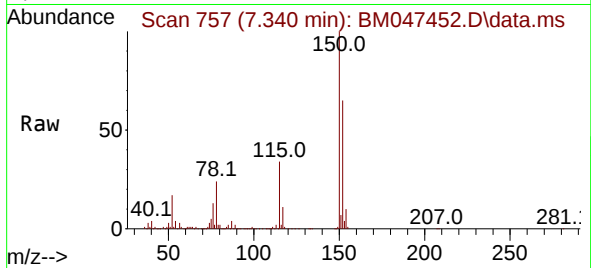




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

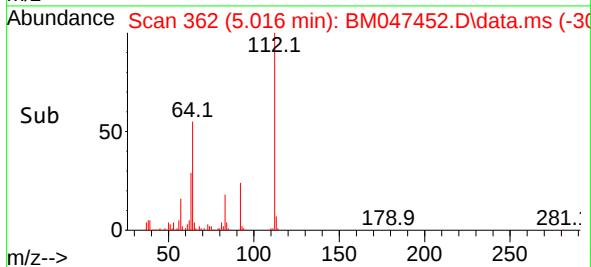
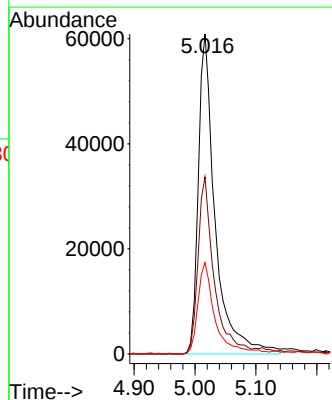
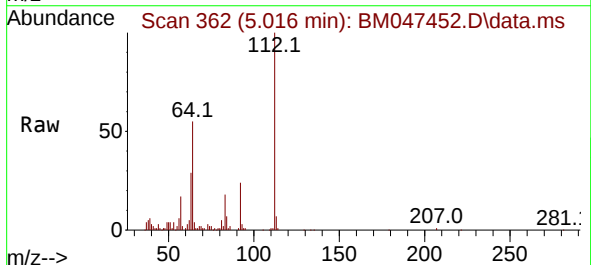
Instrument :
BNA_M
ClientSampleId :
OK-01-0902424

Tgt Ion:152 Resp: 287815
Ion Ratio Lower Upper
152 100
150 154.9 121.3 181.9
115 52.8 42.6 64.0



#5
2-Fluorophenol
Concen: 7.793 ng
RT: 5.016 min Scan# 362
Delta R.T. 0.012 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

Tgt Ion:112 Resp: 116904
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 28.6 23.8 35.8

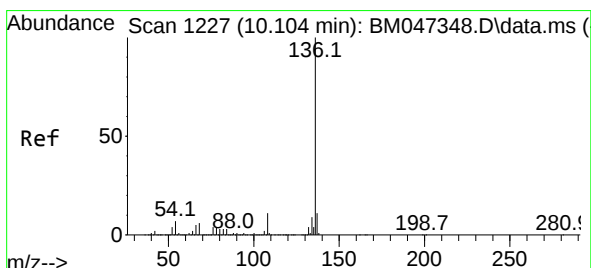
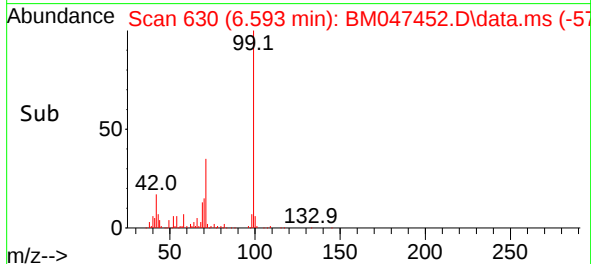
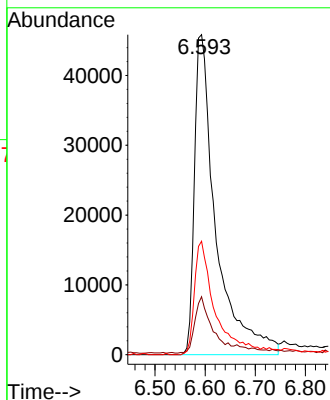
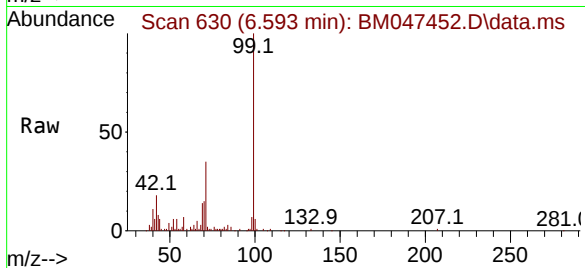




#7
Phenol-d6
Concen: 6.672 ng
RT: 6.593 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

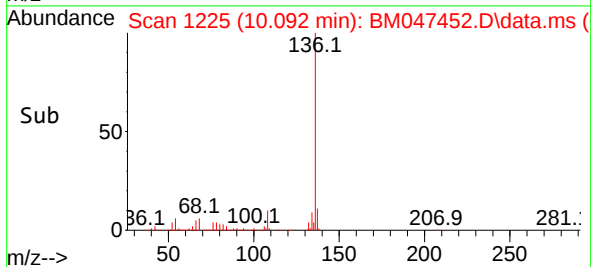
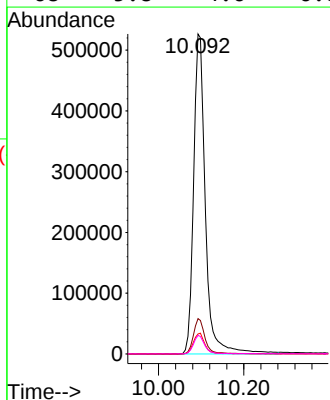
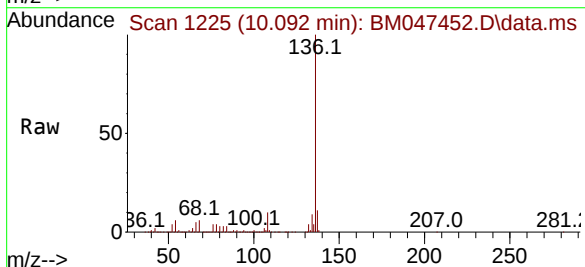
Instrument :
BNA_M
ClientSampleId :
OK-01-0902424

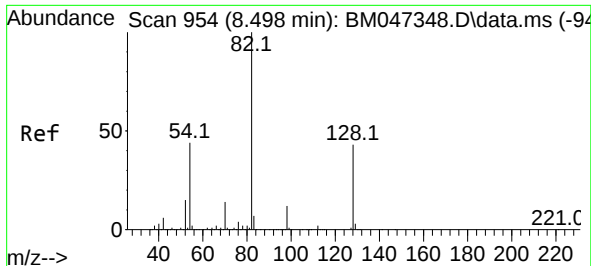
Tgt Ion: 99 Resp: 136357
Ion Ratio Lower Upper
99 100
42 18.1 13.0 19.4
71 35.5 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.092 min Scan# 1225
Delta R.T. -0.012 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

Tgt Ion: 136 Resp: 1009843
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.2 5.2 7.8
68 5.8 4.6 6.8

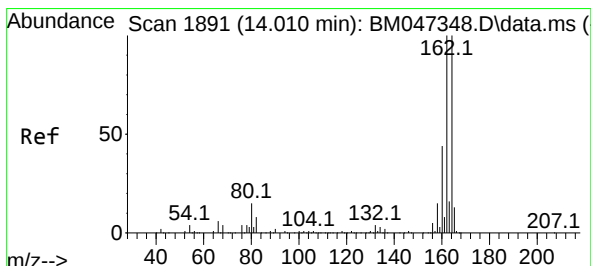
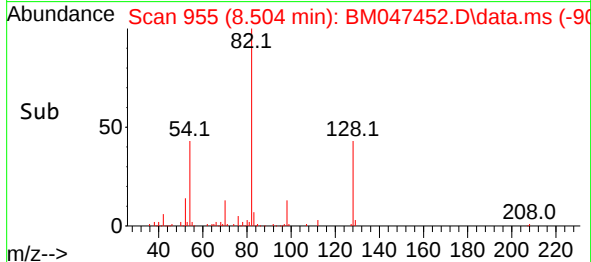
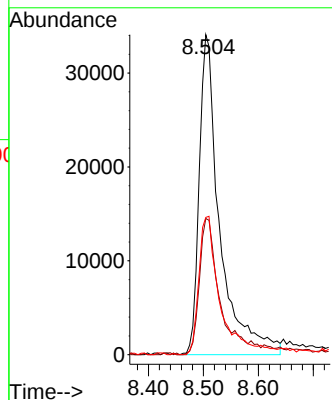
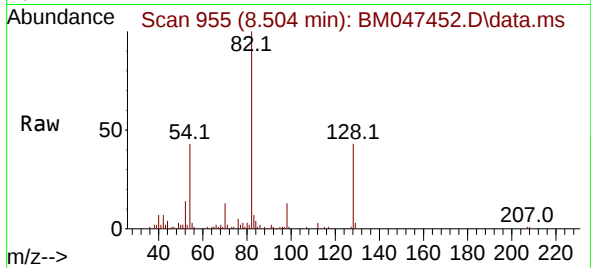




#23
Nitrobenzene-d5
Concen: 4.884 ng
RT: 8.504 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

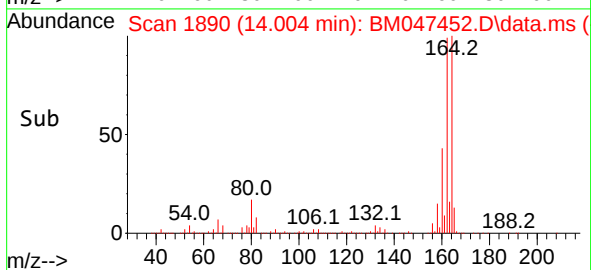
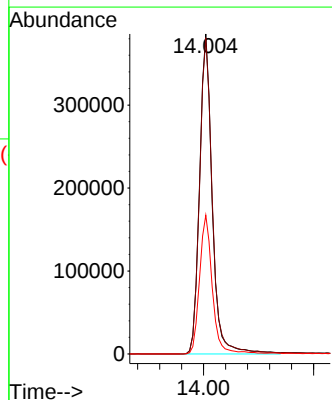
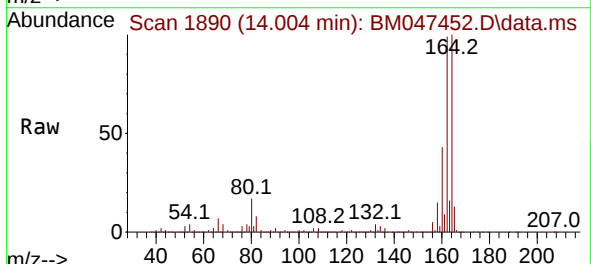
Instrument :
BNA_M
ClientSampleId :
OK-01-0902424

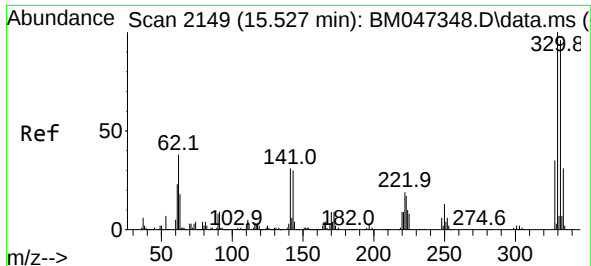
Tgt Ion: 82 Resp: 88886
Ion Ratio Lower Upper
82 100
128 42.6 34.6 51.8
54 42.9 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

Tgt Ion: 164 Resp: 618309
Ion Ratio Lower Upper
164 100
162 98.8 79.7 119.5
160 43.3 34.9 52.3

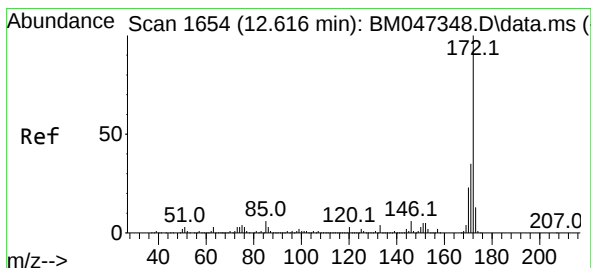
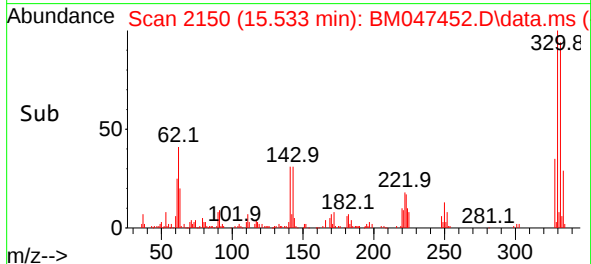
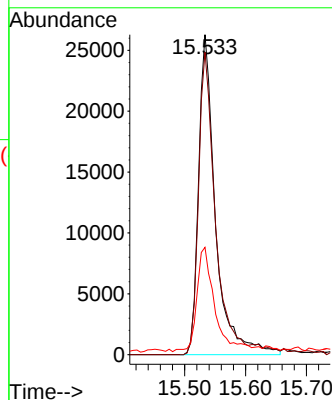
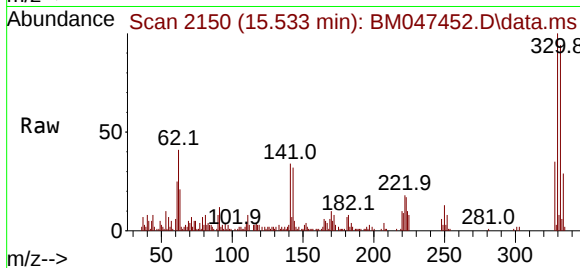




#42
2,4,6-Tribromophenol
Concen: 6.804 ng
RT: 15.533 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

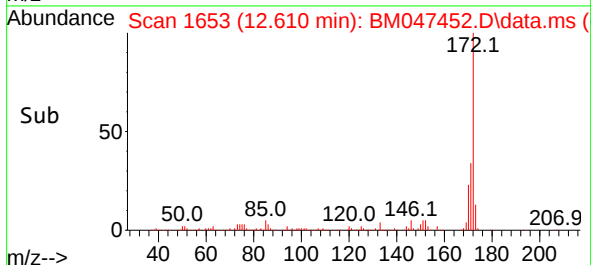
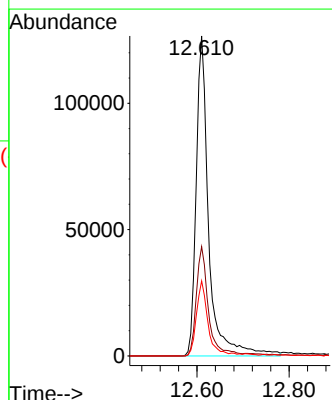
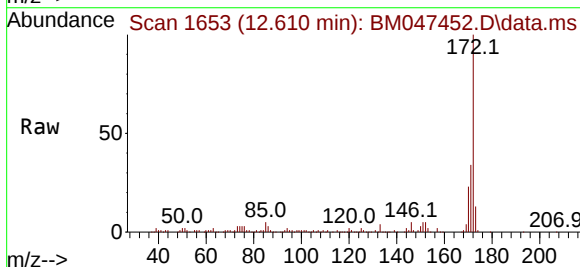
Instrument :
BNA_M
ClientSampleId :
OK-01-0902424

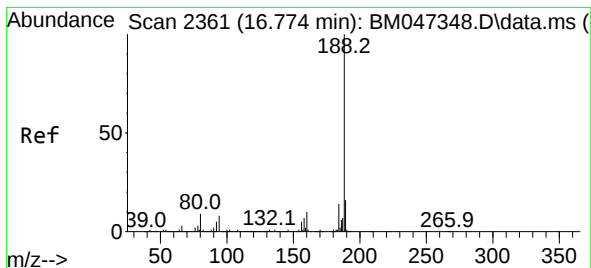
Tgt Ion:330 Resp: 50754
Ion Ratio Lower Upper
330 100
332 92.7 77.2 115.8
141 34.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 5.951 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

Tgt Ion:172 Resp: 239475
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 23.4 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: BM047452.D

Acq: 05 Sep 2024 18:05

Instrument :

BNA_M

ClientSampleId :

OK-01-0902424

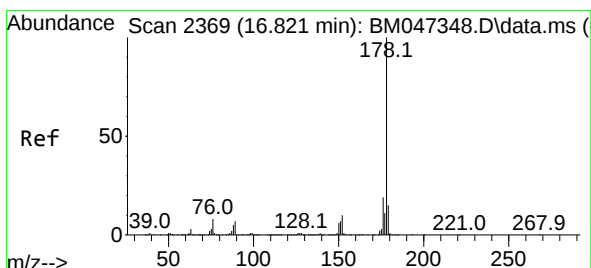
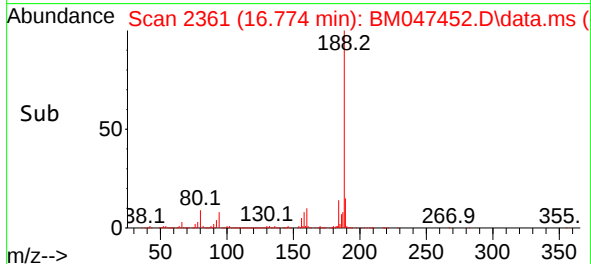
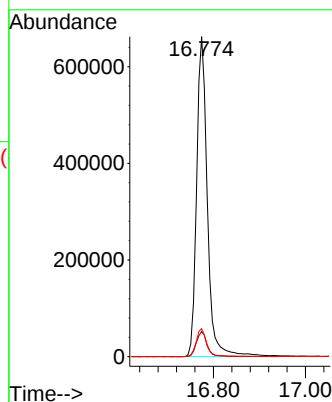
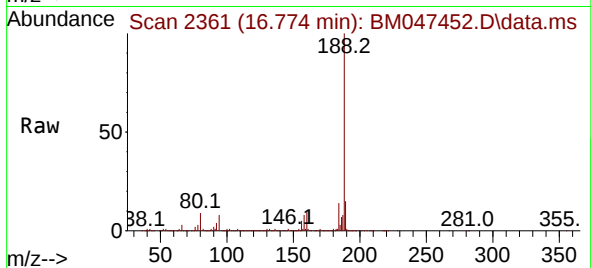
Tgt Ion:188 Resp: 1069916

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.7 7.4 11.2



#71

Phenanthrene

Concen: 4.199 ng

RT: 16.816 min Scan# 2368

Delta R.T. -0.006 min

Lab File: BM047452.D

Acq: 05 Sep 2024 18:05

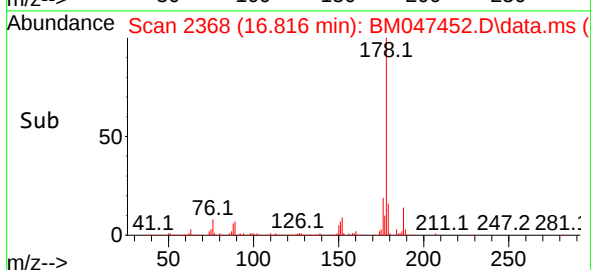
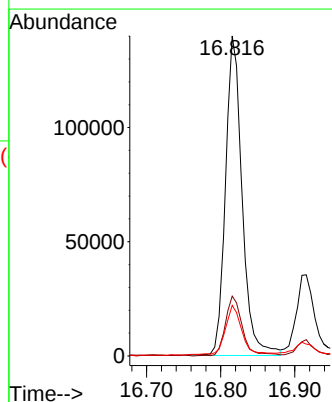
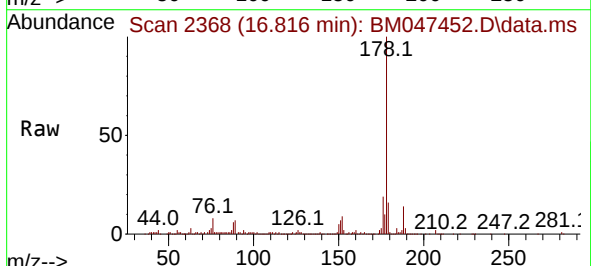
Tgt Ion:178 Resp: 218170

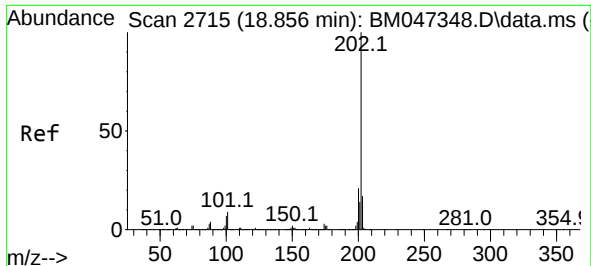
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.8 12.2 18.4

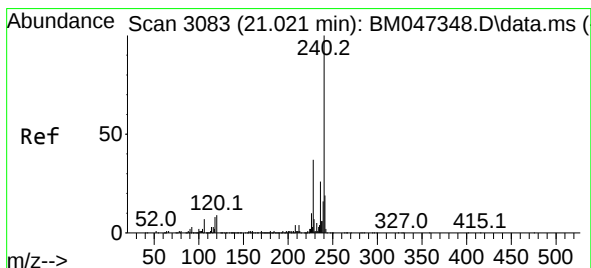
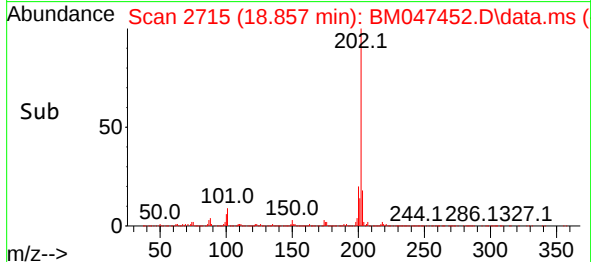
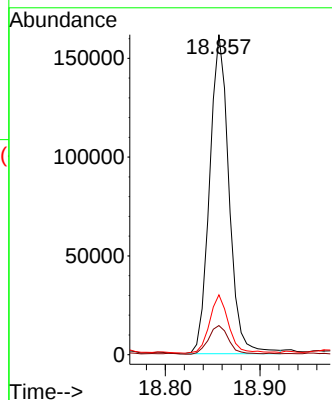
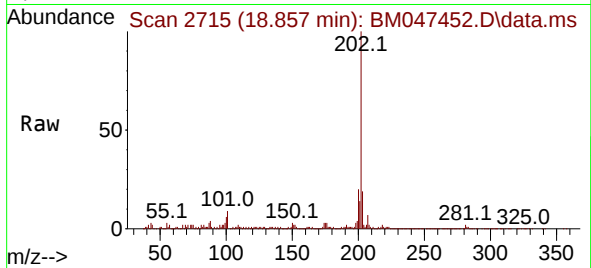




#75
Fluoranthene
Concen: 3.757 ng
RT: 18.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

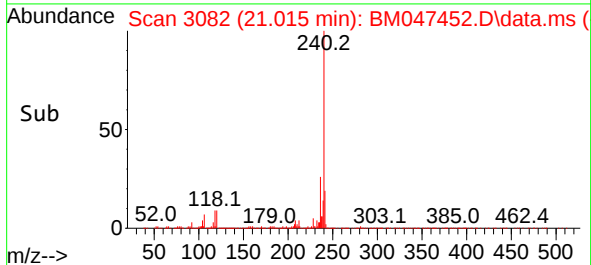
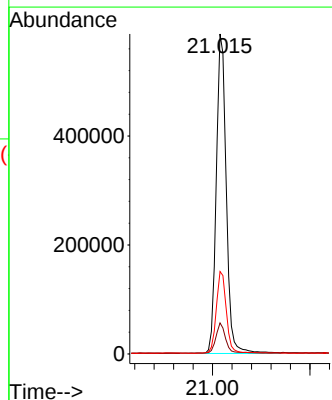
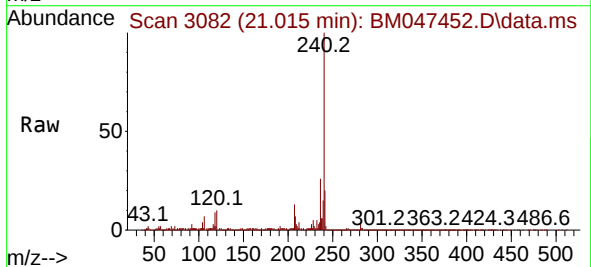
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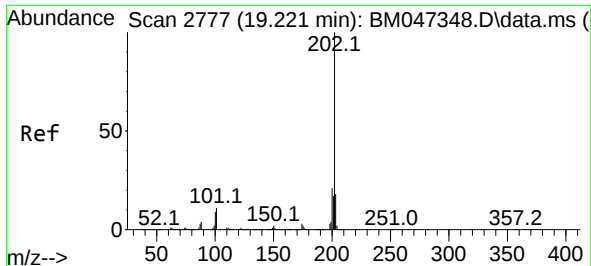
Tgt Ion:202 Resp: 229227
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.0
203 18.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

Tgt Ion:240 Resp: 833424
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 25.8 20.8 31.2

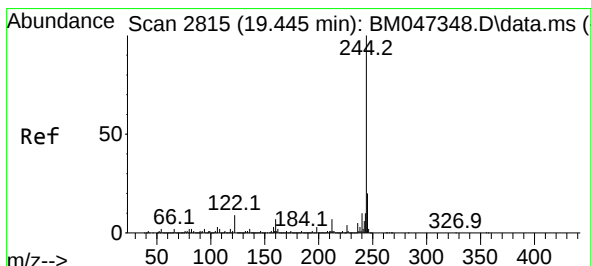
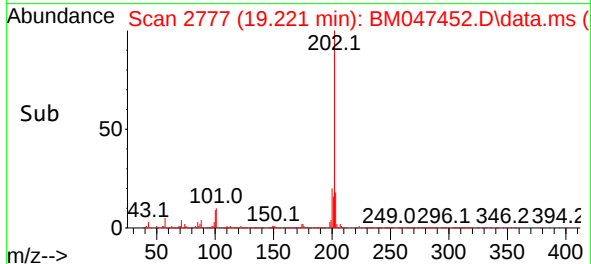
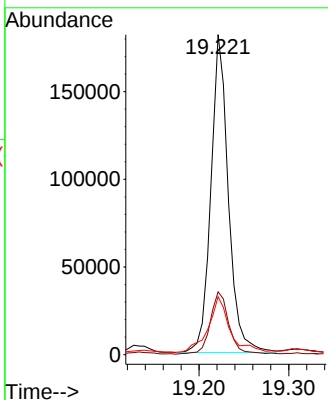
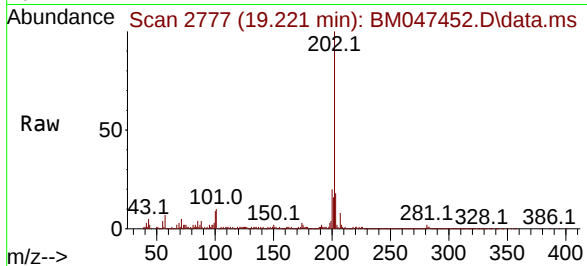




#78
Pyrene
Concen: 3.842 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

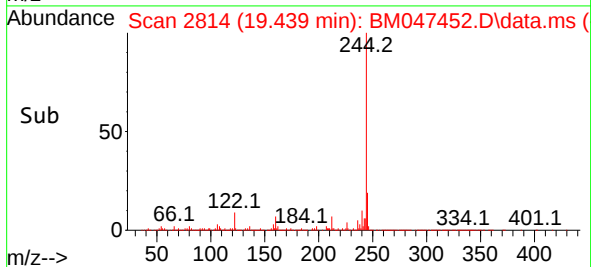
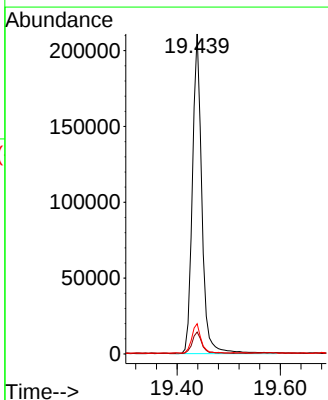
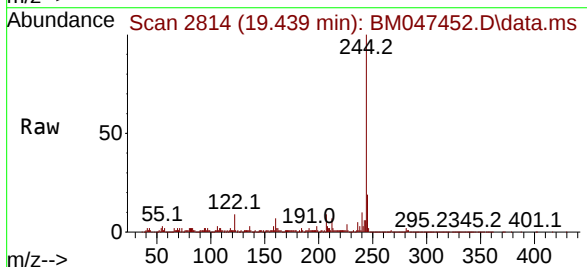
Instrument :
BNA_M
ClientSampleId :
OK-01-0902424

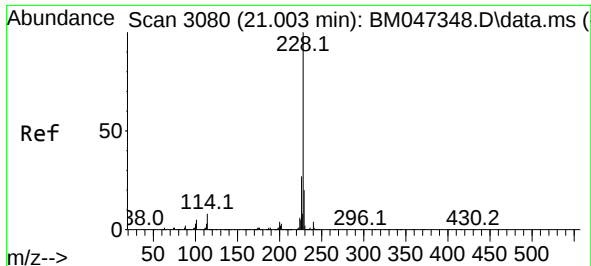
Tgt Ion:202 Resp: 245610
Ion Ratio Lower Upper
202 100
200 19.7 16.7 25.1
203 18.1 14.2 21.4



#79
Terphenyl-d14
Concen: 5.731 ng
RT: 19.439 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

Tgt Ion:244 Resp: 268363
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.5 7.0 10.4

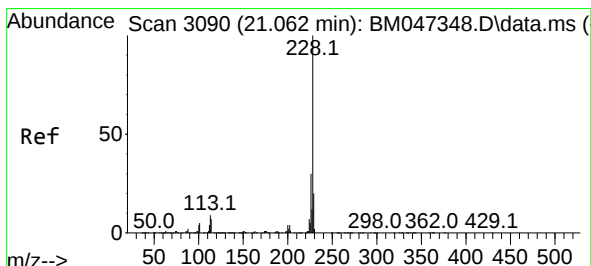
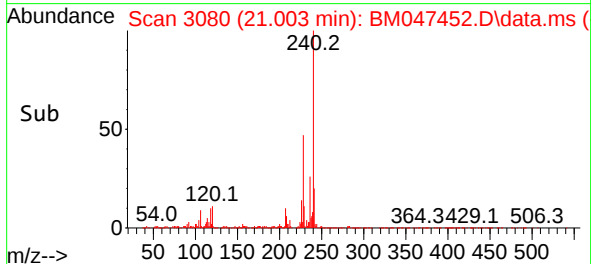
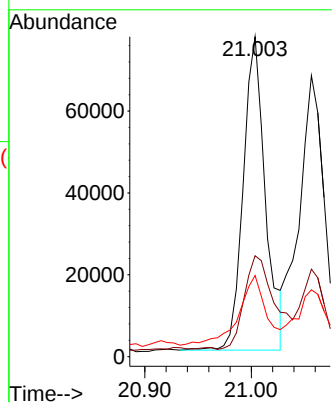
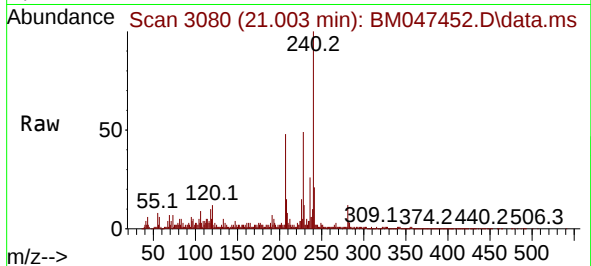




#81
Benzo(a)anthracene
Concen: 2.037 ng
RT: 21.003 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

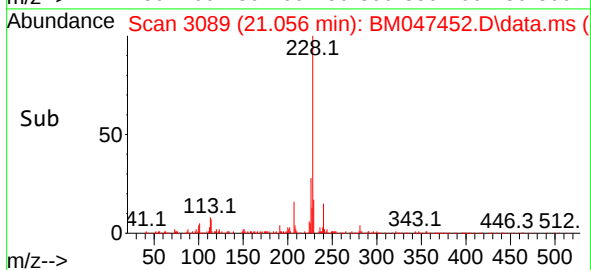
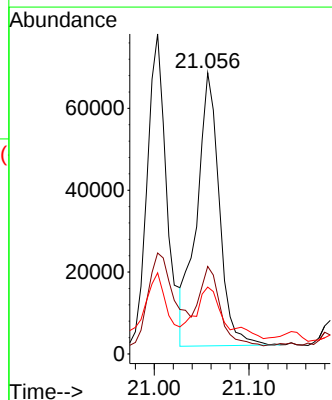
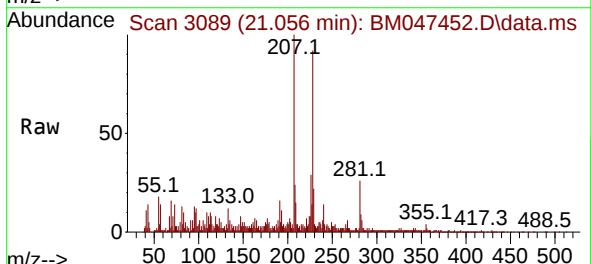
Instrument :
BNA_M
ClientSampleId :
OK-01-0902424

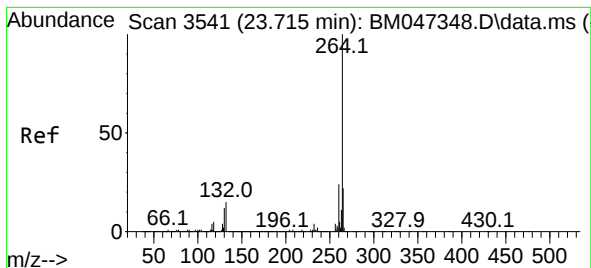
Tgt Ion:228 Resp: 110735
Ion Ratio Lower Upper
228 100
226 31.5 21.4 32.0
229 25.4 15.8 23.8#



#83
Chrysene
Concen: 2.166 ng
RT: 21.056 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM047452.D
Acq: 05 Sep 2024 18:05

Tgt Ion:228 Resp: 110746
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 23.8 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: BM047452.D

Acq: 05 Sep 2024 18:05

Instrument :

BNA_M

ClientSampleId :

OK-01-0902424

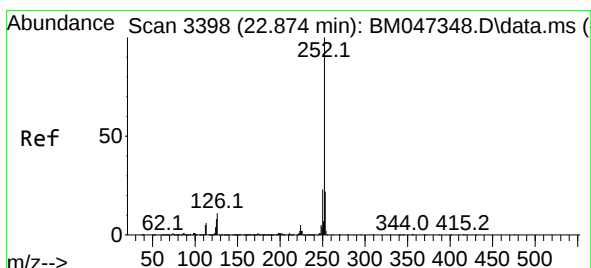
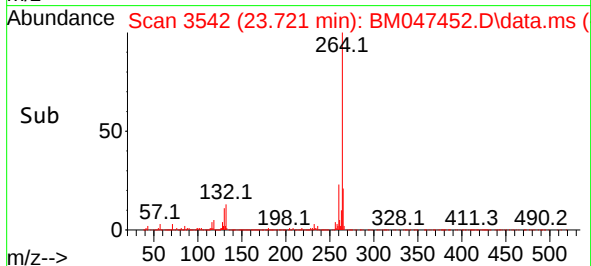
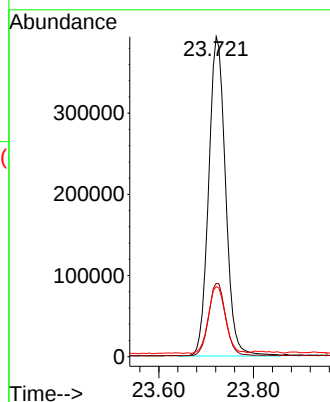
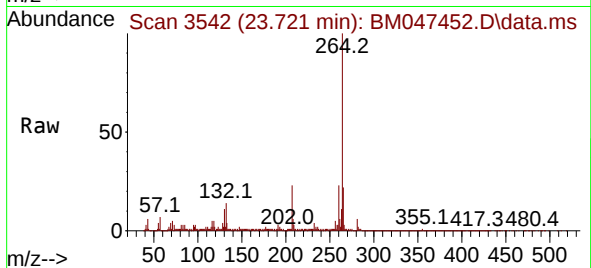
Tgt Ion:264 Resp: 975621

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.9 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 2.121 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047452.D

Acq: 05 Sep 2024 18:05

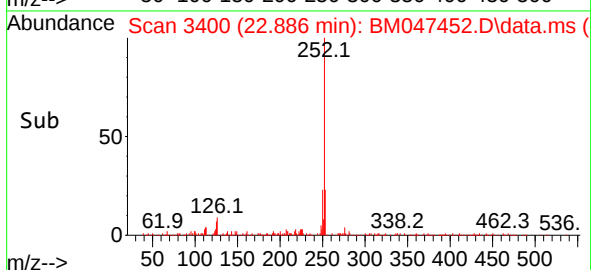
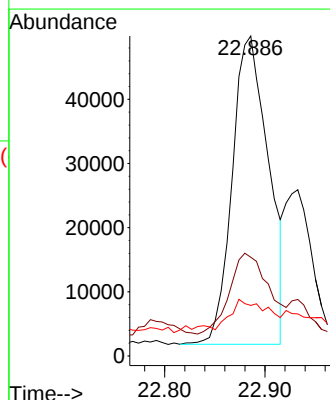
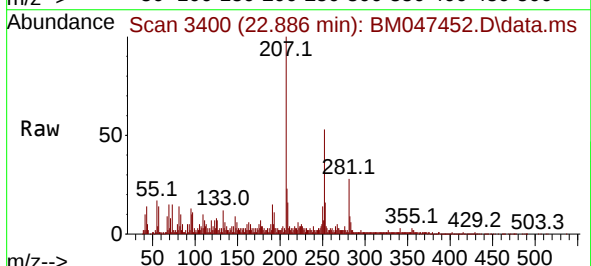
Tgt Ion:252 Resp: 120714

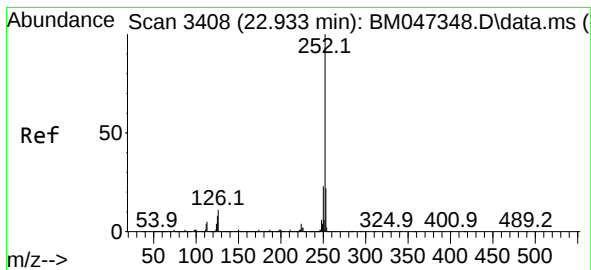
Ion Ratio Lower Upper

252 100

253 30.8 17.8 26.6#

125 15.8 6.6 10.0#





#89

Benzo(k)fluoranthene

Concen: 2.237 ng

RT: 22.886 min Scan# 34

Delta R.T. -0.047 min

Lab File: BM047452.D

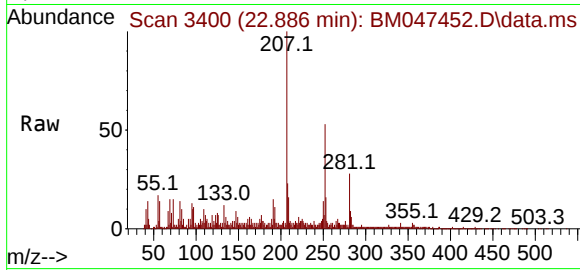
Acq: 05 Sep 2024 18:05

Instrument :

BNA_M

ClientSampleId :

OK-01-0902424



Tgt Ion:252 Resp: 120714

Ion Ratio Lower Upper

252 100

253 30.8 17.5 26.3#

125 15.8 6.6 9.8#

