

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
 Data File : BM047378.D
 Acq On : 28 Aug 2024 13:03
 Operator : RC/JU
 Sample : P3739-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-3

Quant Time: Aug 28 13:44:25 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)

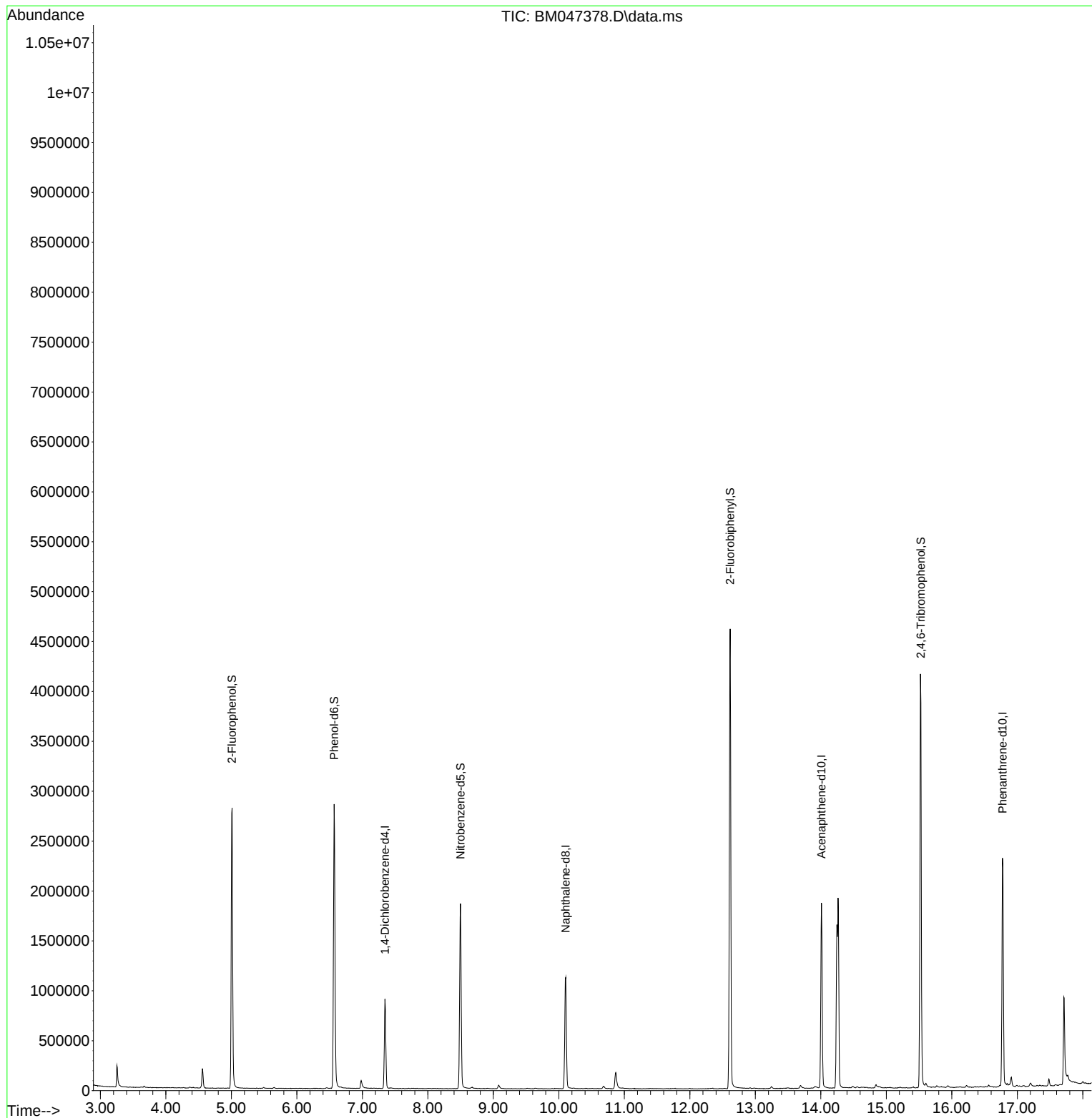
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	250920	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	976754	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	674012	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1461038	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1299050	20.000	ng	0.00
86) Perylene-d12	23.721	264	1261779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1272046	97.262	ng	0.00
7) Phenol-d6	6.569	99	1717602	96.405	ng	0.00
23) Nitrobenzene-d5	8.498	82	1103994	62.714	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	814286	100.135	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	2618136	59.684	ng	0.00
79) Terphenyl-d14	19.445	244	4141888	56.752	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	290	Below Cal	Qvalue #	50
83) Chrysene	21.062	228	212681	2.669 ng	#	99
88) Benzo(b)fluoranthene	22.880	252	214810	2.918 ng	#	98
89) Benzo(k)fluoranthene	22.927	252	158089	2.265 ng	#	97

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

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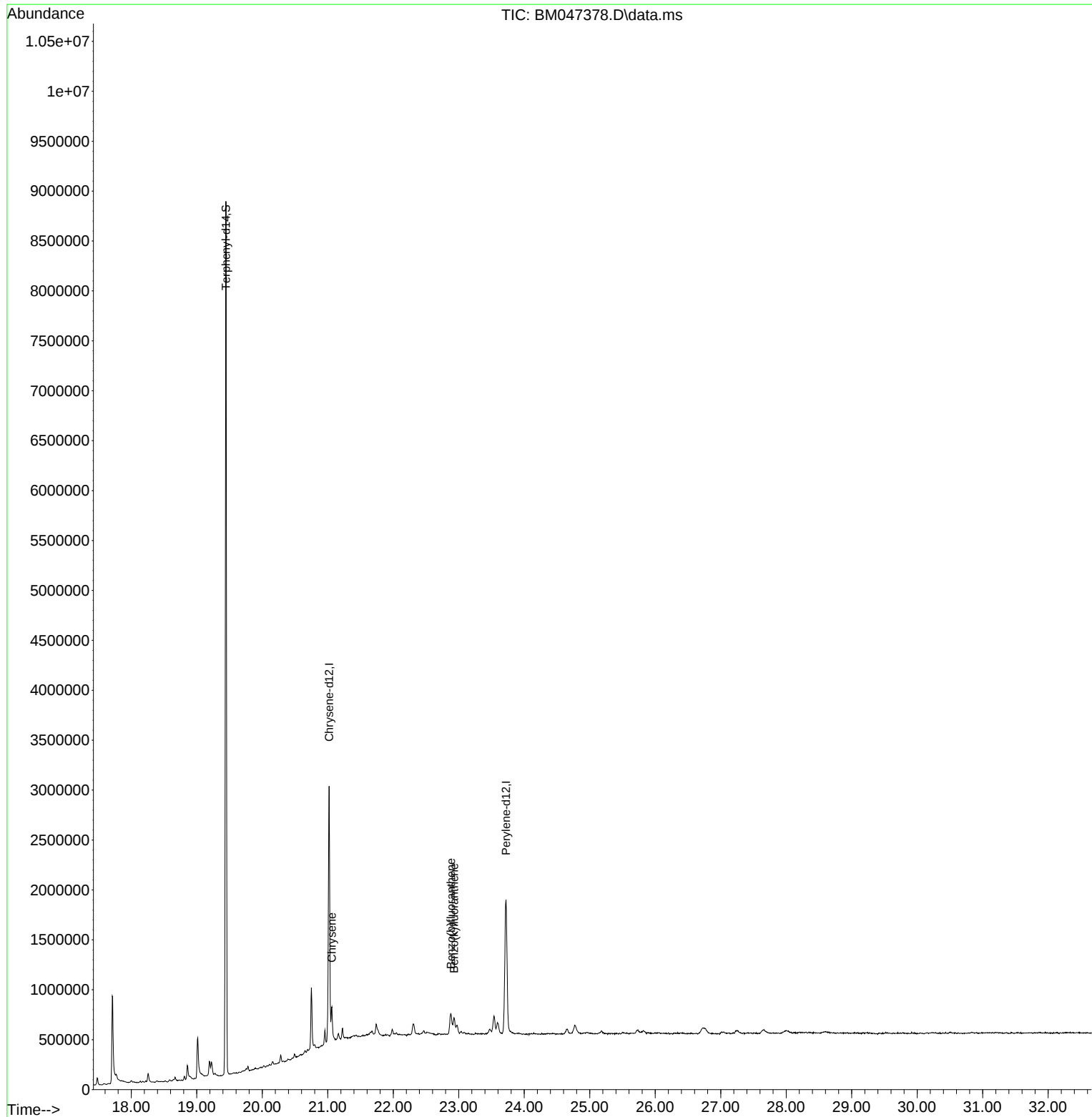
Quant Time: Aug 28 13:44:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
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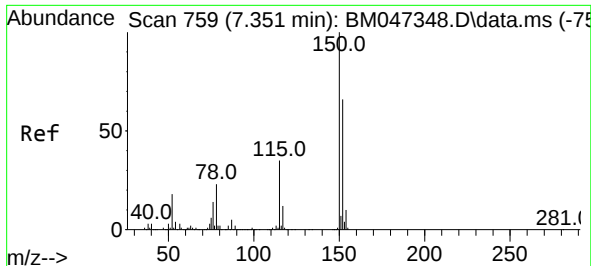


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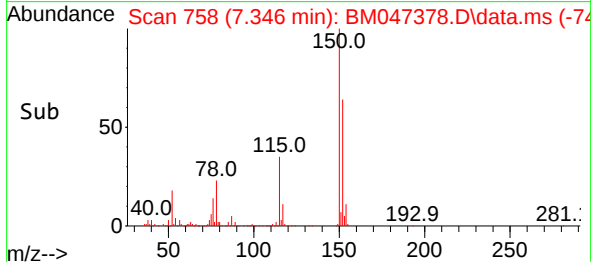
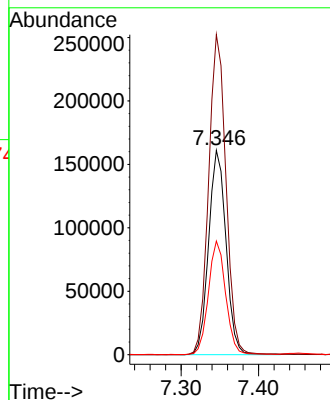
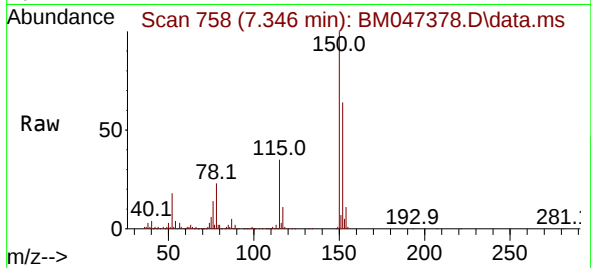




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

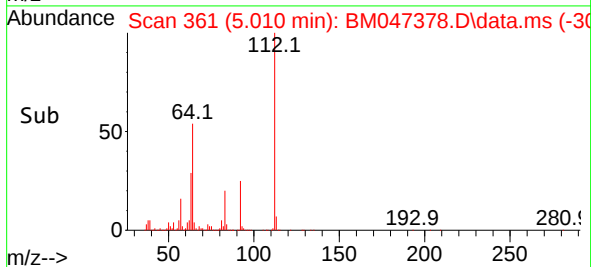
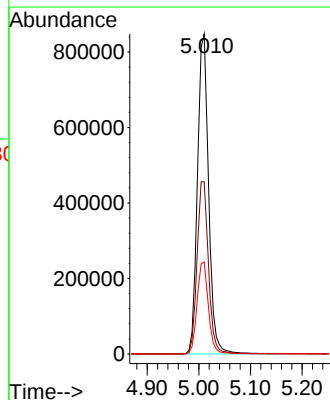
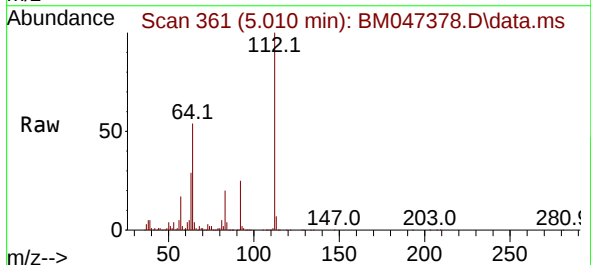
Instrument :
BNA_M
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 250920
Ion Ratio Lower Upper
152 100
150 156.6 121.3 181.9
115 55.6 42.6 64.0



#5
2-Fluorophenol
Concen: 97.262 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

Tgt Ion:112 Resp: 1272046
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 28.7 23.8 35.8

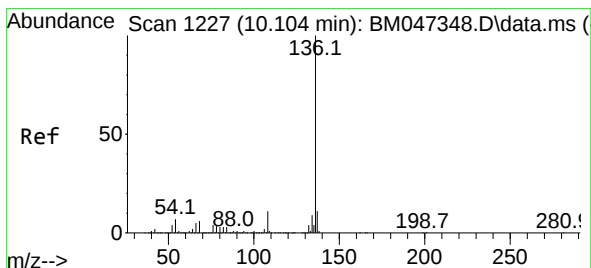
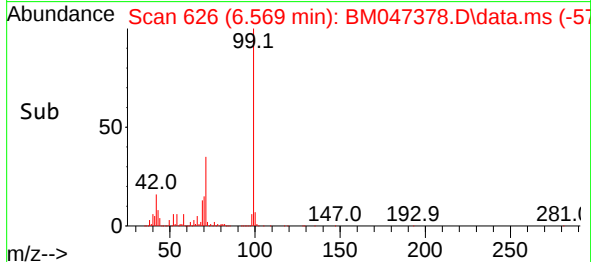
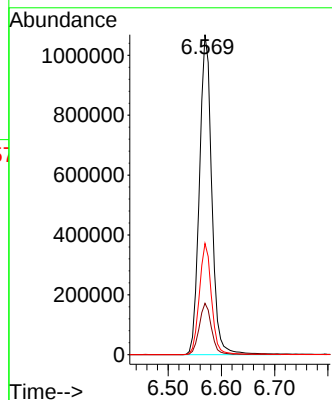
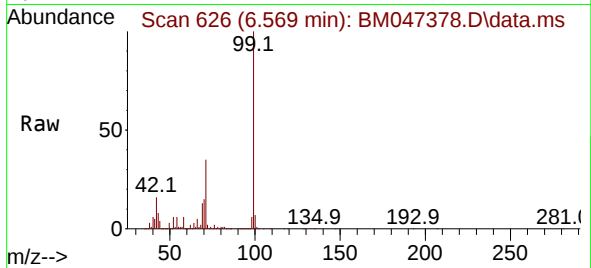




#7
Phenol-d6
Concen: 96.405 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

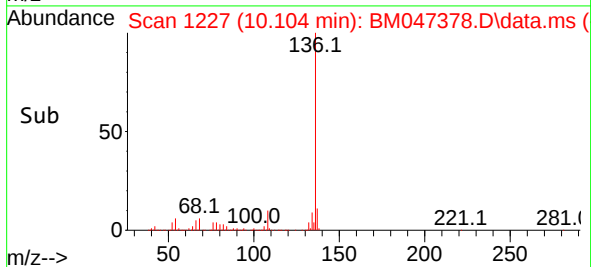
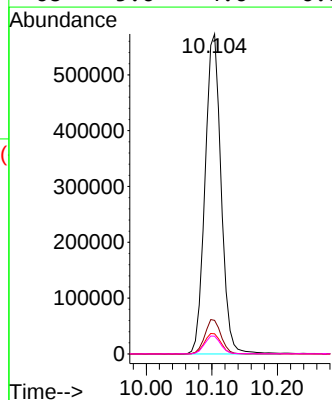
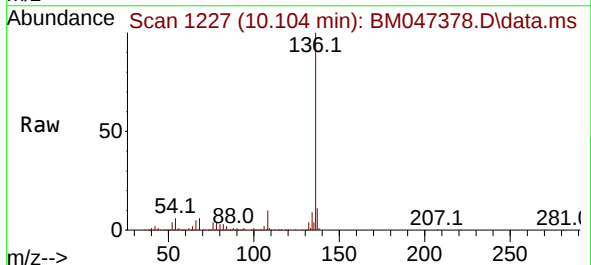
Instrument :
BNA_M
ClientSampleId :
WC-3

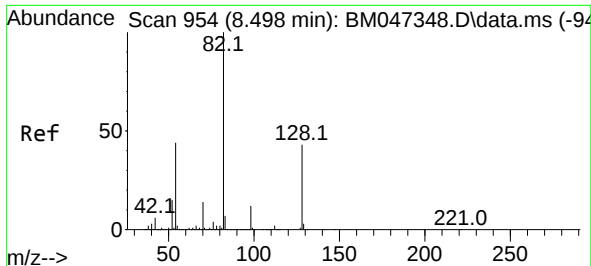
Tgt Ion: 99 Resp: 1717602
Ion Ratio Lower Upper
99 100
42 16.1 13.0 19.4
71 34.8 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

Tgt Ion: 136 Resp: 976754
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.3 5.2 7.8
68 5.6 4.6 6.8

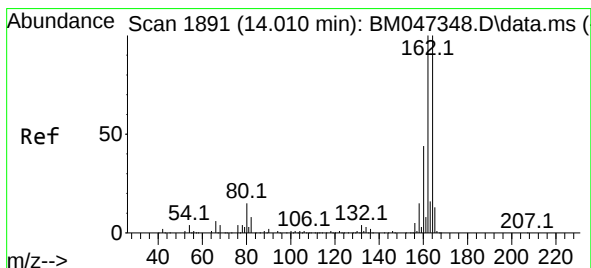
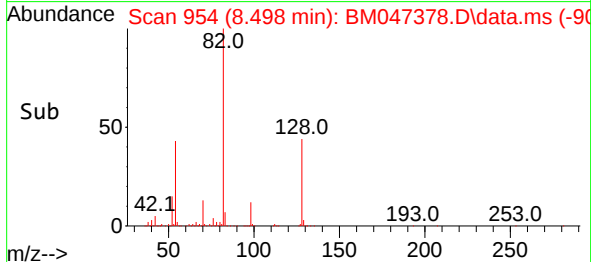
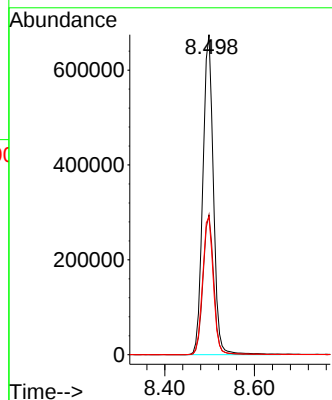
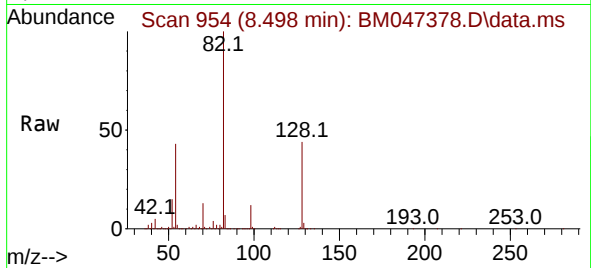




#23
Nitrobenzene-d5
Concen: 62.714 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

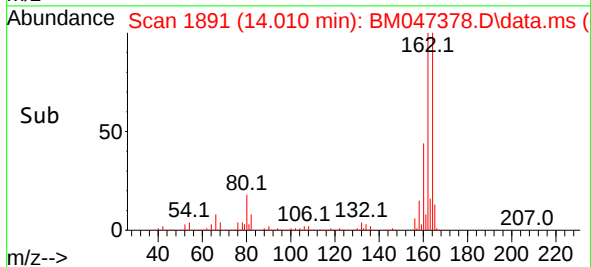
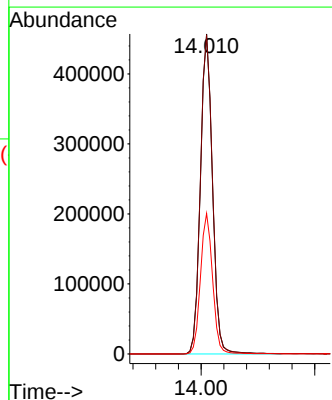
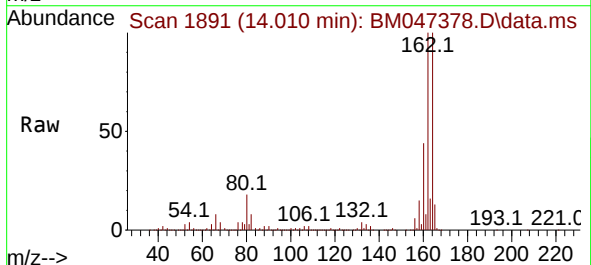
Instrument :
BNA_M
ClientSampleId :
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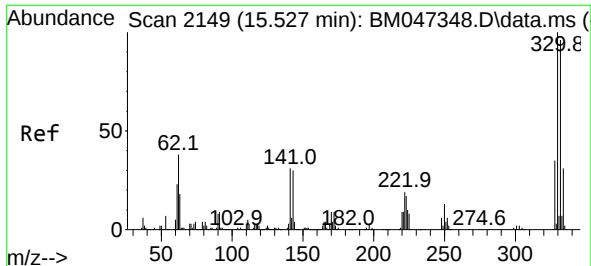
Tgt Ion: 82 Resp: 1103994
Ion Ratio Lower Upper
82 100
128 43.7 34.6 51.8
54 43.0 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

Tgt Ion: 164 Resp: 674012
Ion Ratio Lower Upper
164 100
162 99.7 79.7 119.5
160 43.9 34.9 52.3

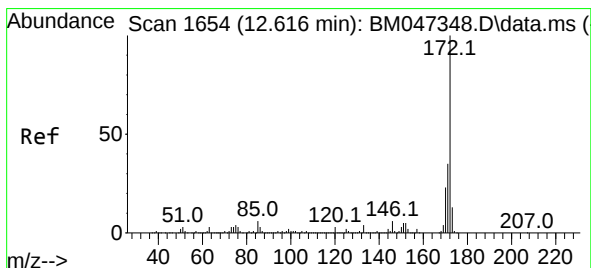
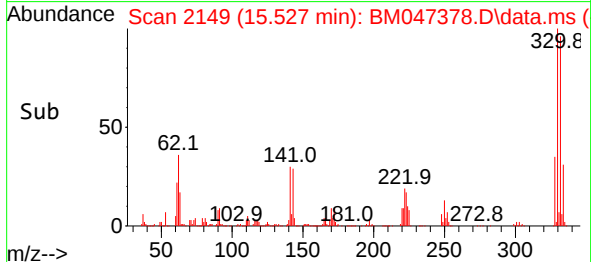
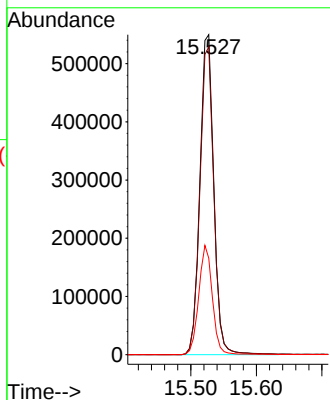
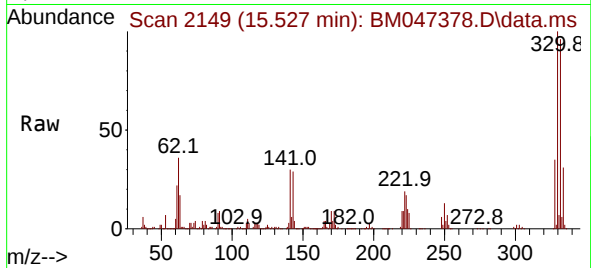




#42
2,4,6-Tribromophenol
Concen: 100.135 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

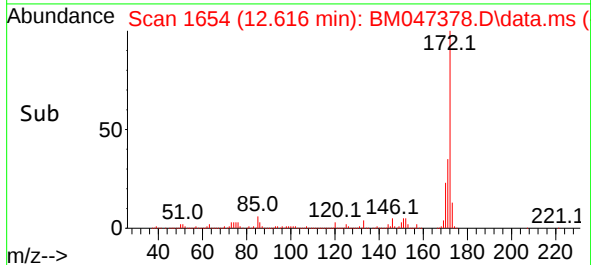
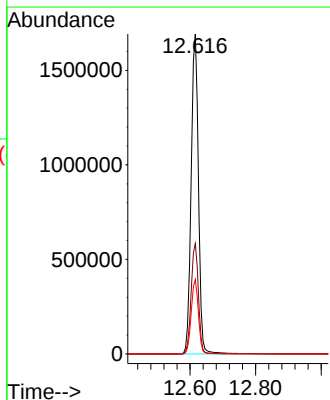
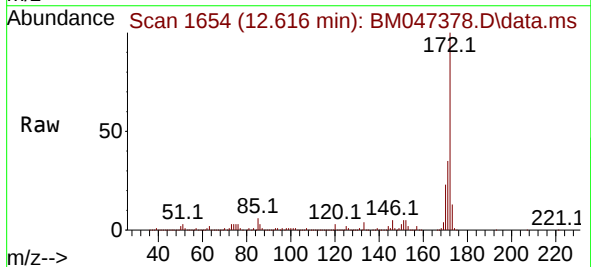
Instrument :
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ClientSampleId :
WC-3

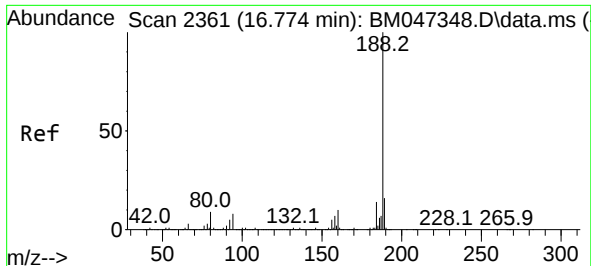
Tgt Ion:330 Resp: 814286
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 33.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 59.684 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

Tgt Ion:172 Resp: 2618136
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.2 18.5 27.7

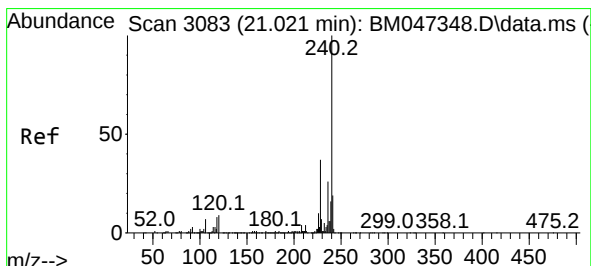
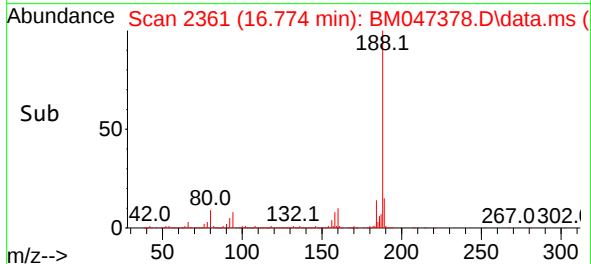
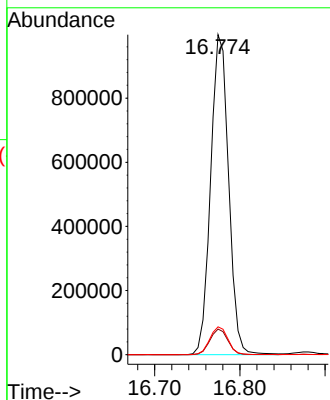
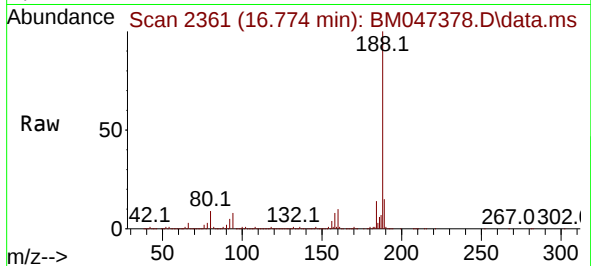




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

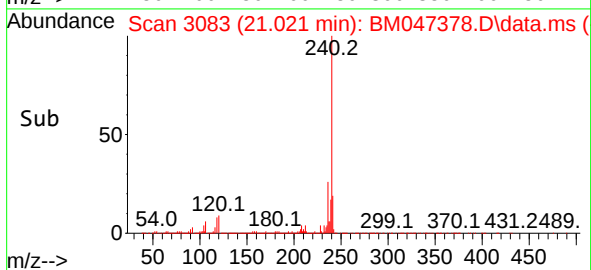
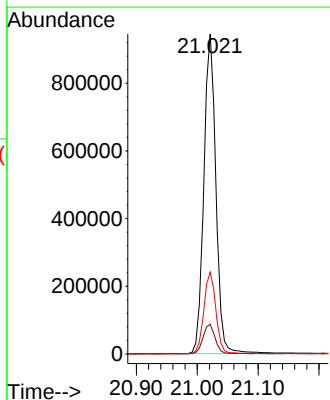
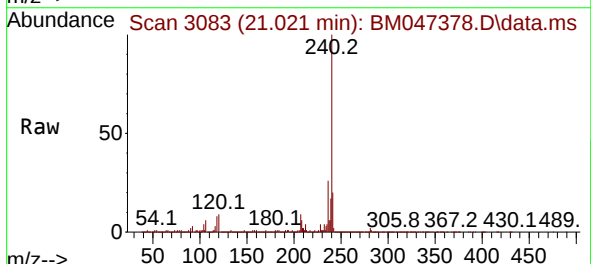
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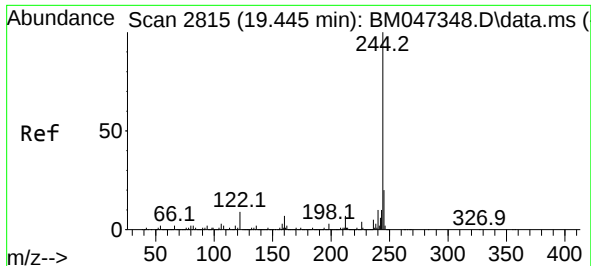
Tgt Ion:188 Resp: 1461038
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

Tgt Ion:240 Resp: 1299050
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.5 20.8 31.2

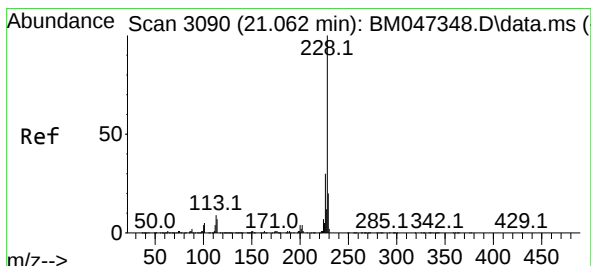
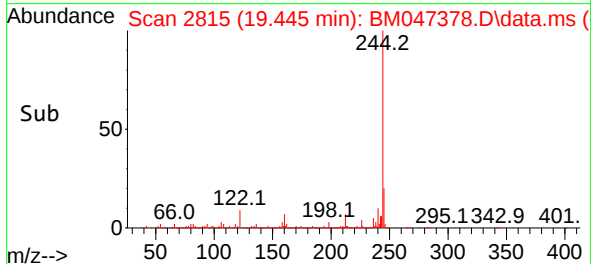
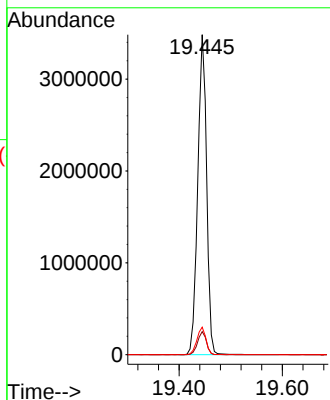
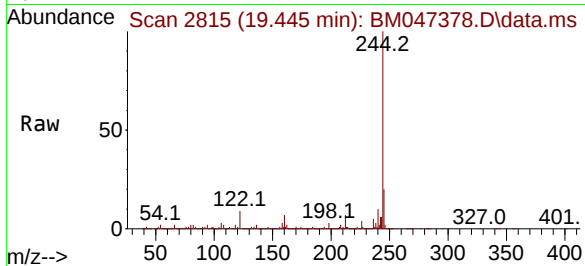




#79
 Terphenyl-d14
 Concen: 56.752 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047378.D
 Acq: 28 Aug 2024 13:03

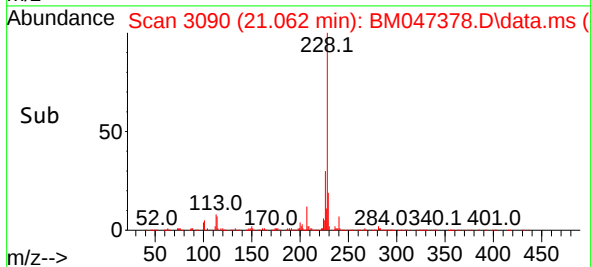
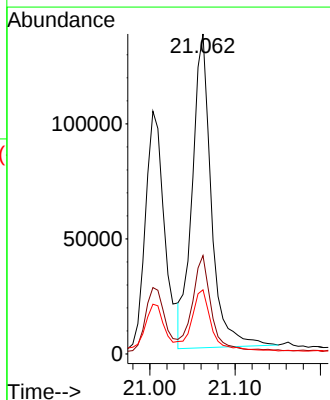
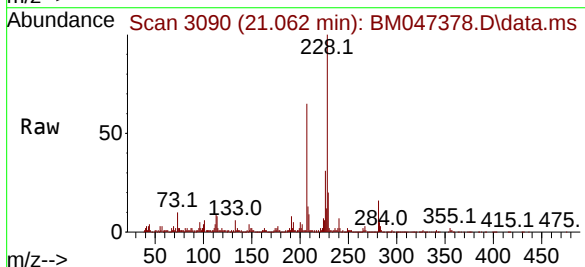
Instrument :
 BNA_M
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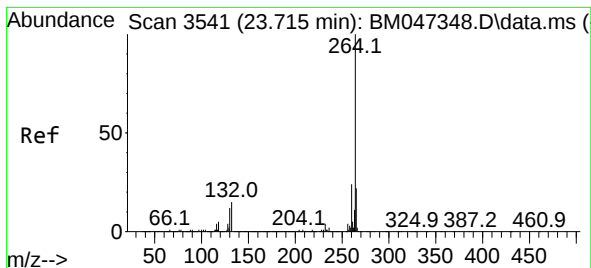
Tgt Ion:244 Resp: 4141888
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.6 7.0 10.4



#83
 Chrysene
 Concen: 2.669 ng
 RT: 21.062 min Scan# 3090
 Delta R.T. 0.000 min
 Lab File: BM047378.D
 Acq: 28 Aug 2024 13:03

Tgt Ion:228 Resp: 212681
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.0 36.0
 229 20.0 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: BM047378.D

Acq: 28 Aug 2024 13:03

Instrument :

BNA_M

ClientSampleId :

WC-3

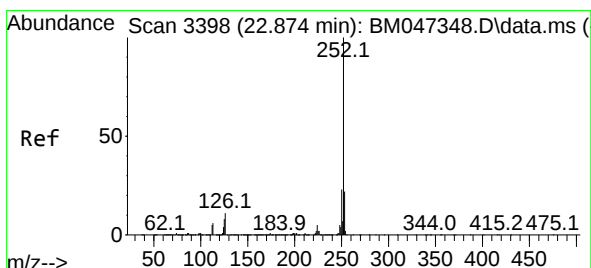
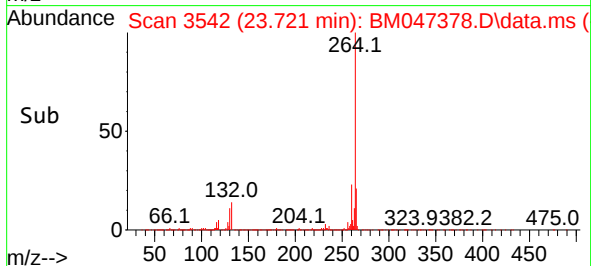
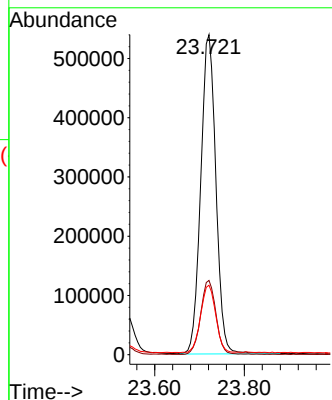
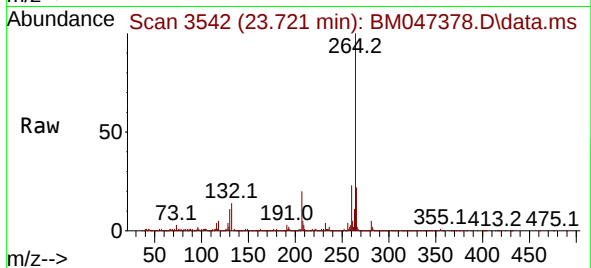
Tgt Ion:264 Resp: 1261779

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.7 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 2.918 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047378.D

Acq: 28 Aug 2024 13:03

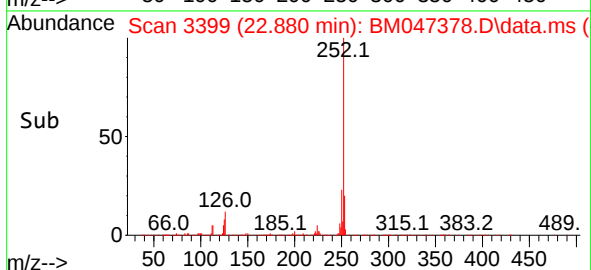
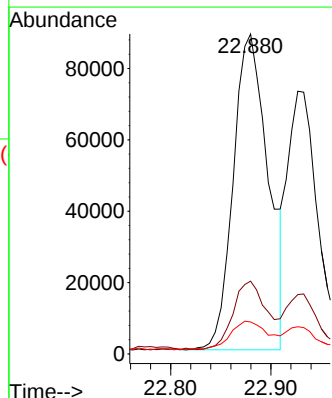
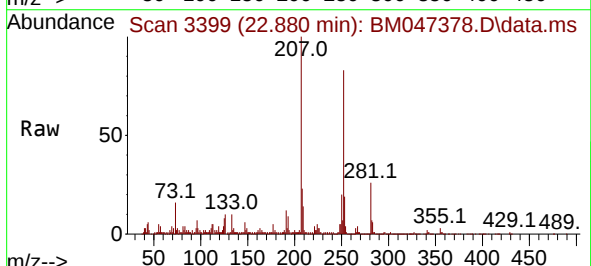
Tgt Ion:252 Resp: 214810

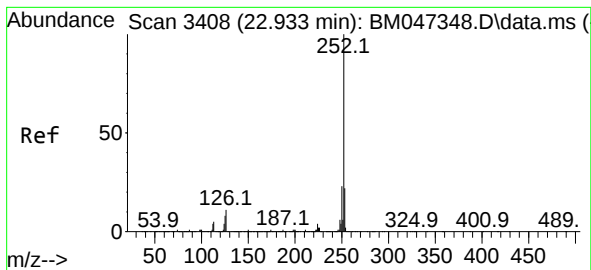
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 10.0 6.6 10.0#





#89

Benzo(k)fluoranthene

Concen: 2.265 ng

RT: 22.927 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047378.D

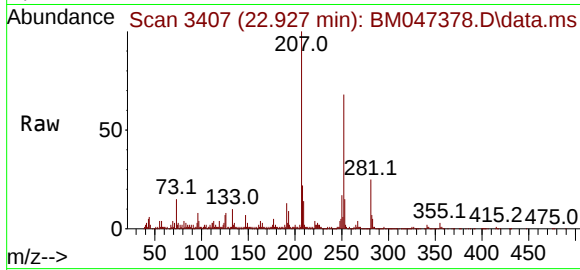
Acq: 28 Aug 2024 13:03

Instrument :

BNA_M

ClientSampleId :

WC-3



Tgt Ion:252 Resp: 158089

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.4 6.6 9.8#

