

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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

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						
81) Benzo(a)anthracene	21.003	228	171335m	2.022	ng	Qvalue
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

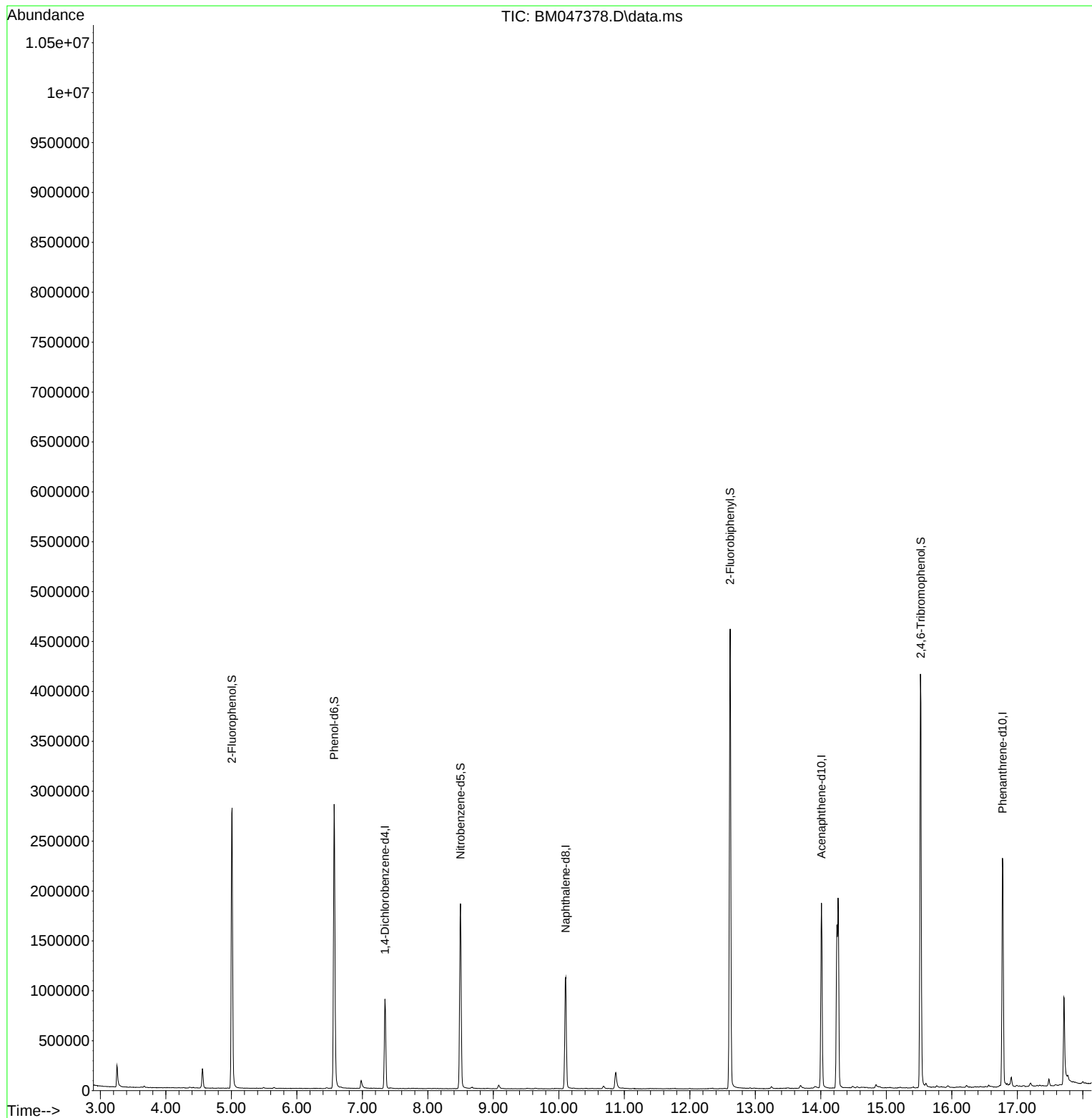
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
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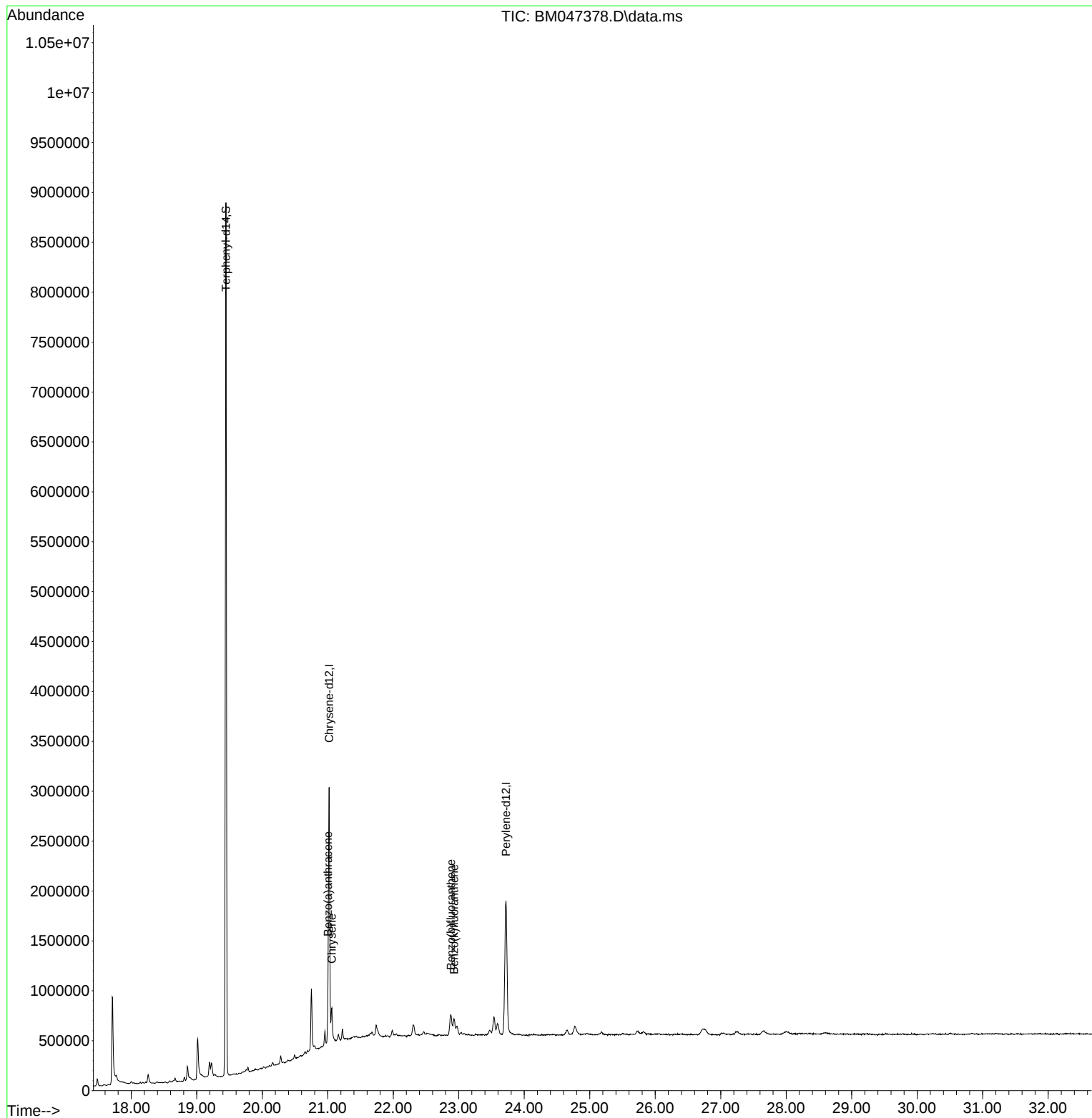
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
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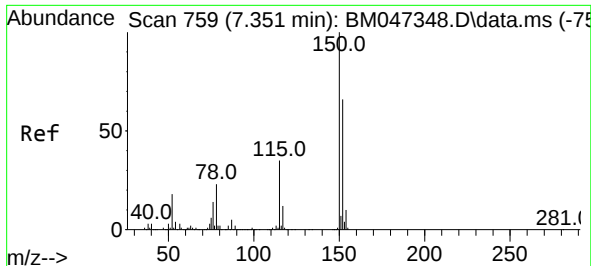
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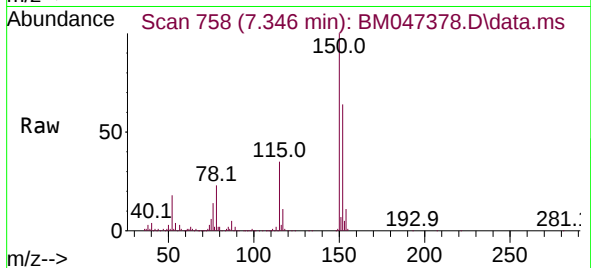
Quant Time: Aug 28 13:44:25 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.346 min Scan# 759
Delta R.T. -0.005 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

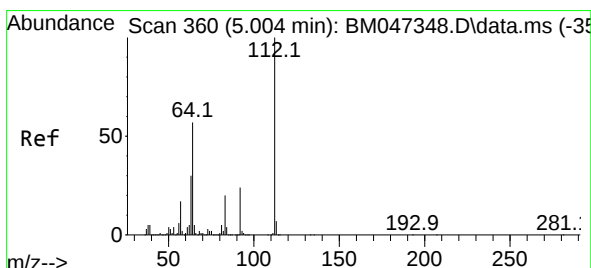
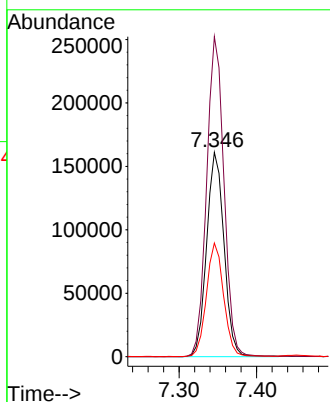
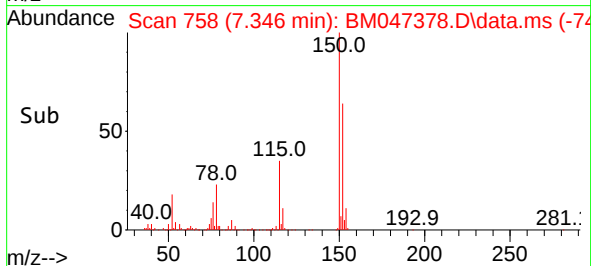
Instrument :
BNA_M
ClientSampleId :
WC-3



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

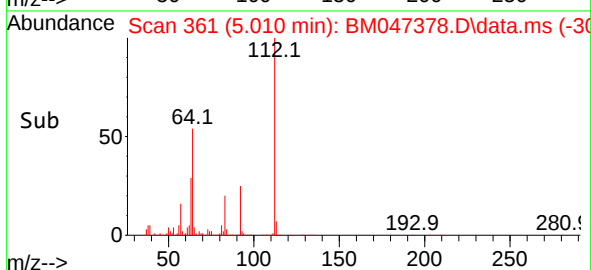
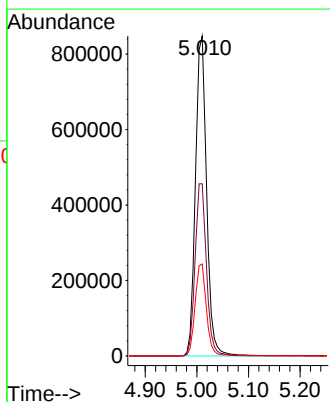
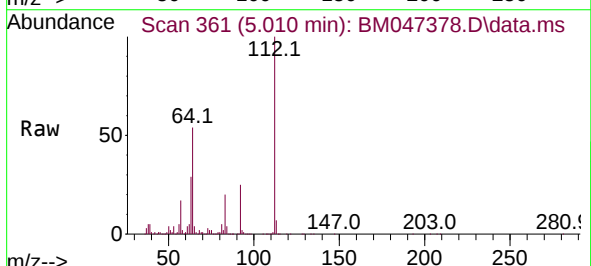
Manual Integrations
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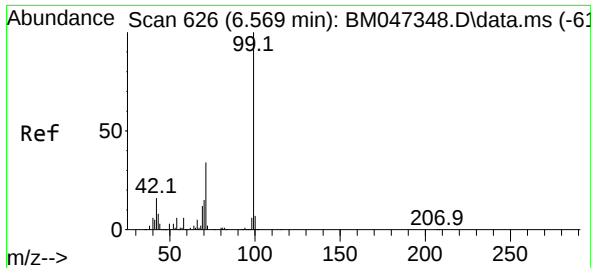
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#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

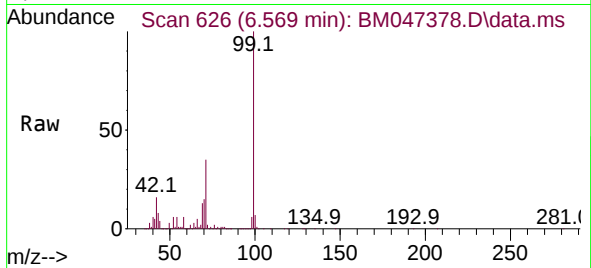
Tgt Ion:112 Resp: 1272046
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 28.7 23.8 35.8





#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

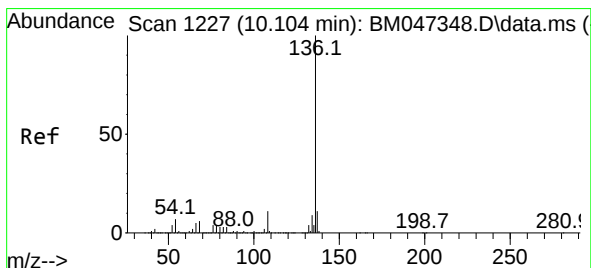
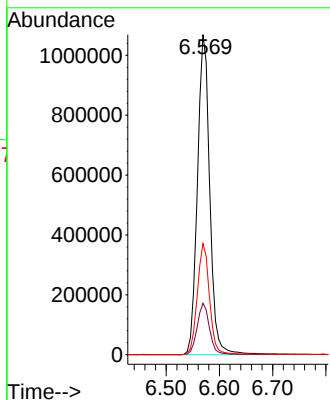
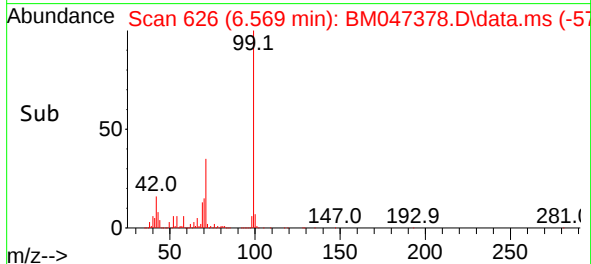
Instrument :
BNA_M
ClientSampleId :
WC-3



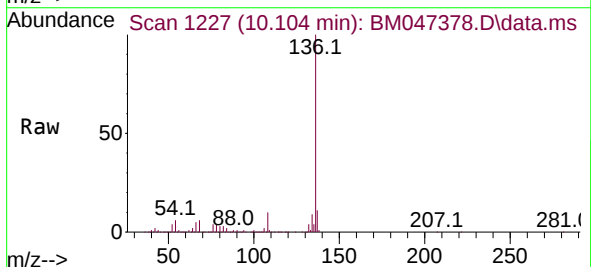
Tgt Ion: 99 Resp: 171760
Ion Ratio Lower Upper
99 100
42 16.1 13.0 19.4
71 34.8 27.5 41.3

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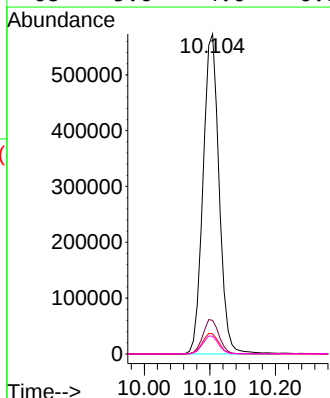
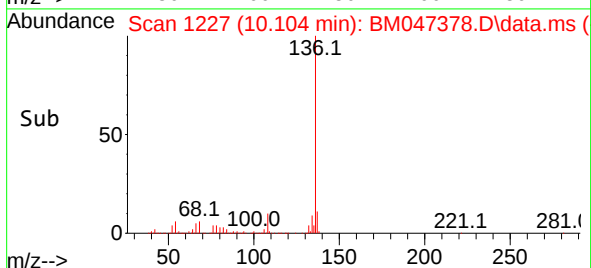
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

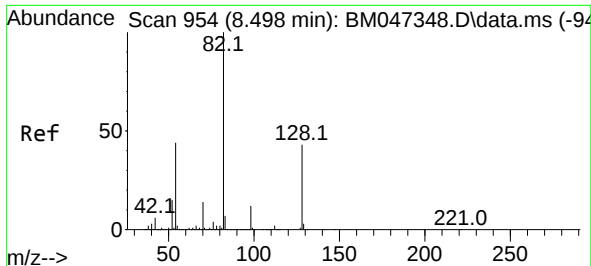


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03



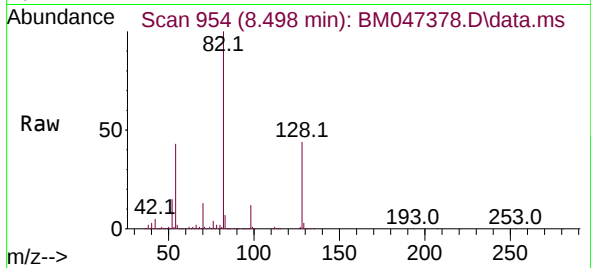
Tgt Ion:136 Resp: 976754
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.3 5.2 7.8
68 5.6 4.6 6.8





#23
Nitrobenzene-d5
Concen: 62.714 ng
RT: 8.498 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

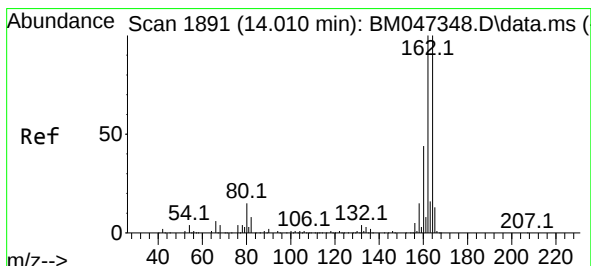
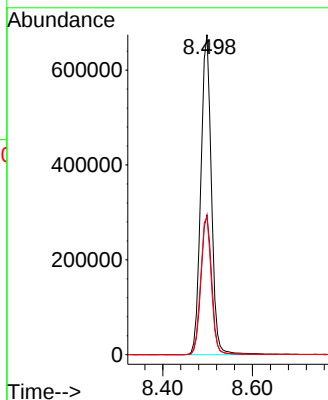
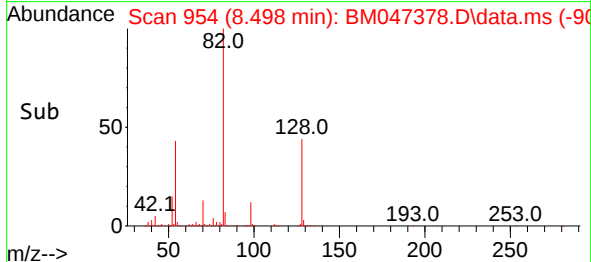
Instrument :
BNA_M
ClientSampleId :
WC-3



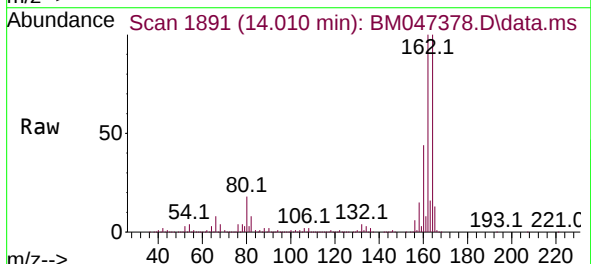
Tgt Ion: 82 Resp: 1103994
Ion Ratio Lower Upper
82 100
128 43.7 34.6 51.8
54 43.0 35.5 53.3

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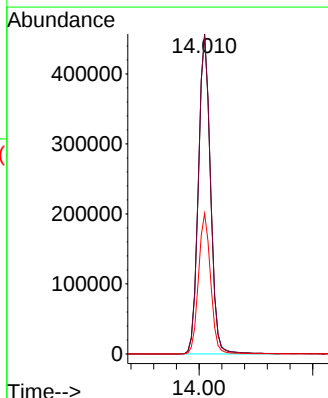
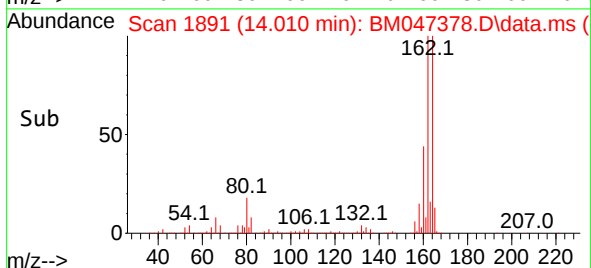
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024

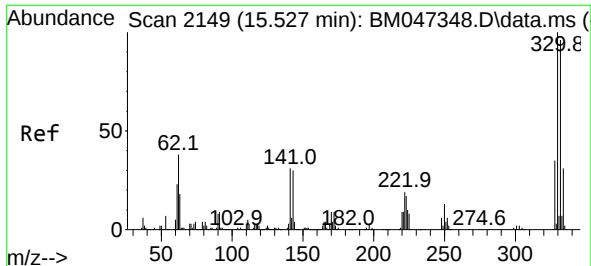


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03



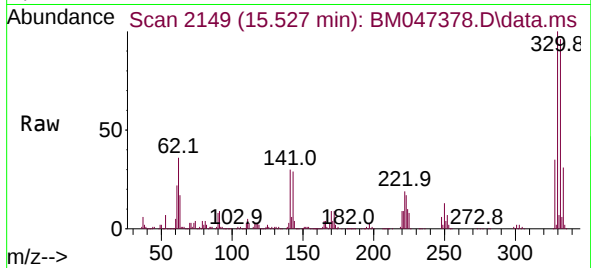
Tgt Ion:164 Resp: 674012
Ion Ratio Lower Upper
164 100
162 99.7 79.7 119.5
160 43.9 34.9 52.3





#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

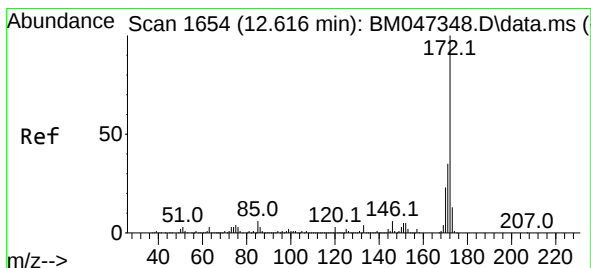
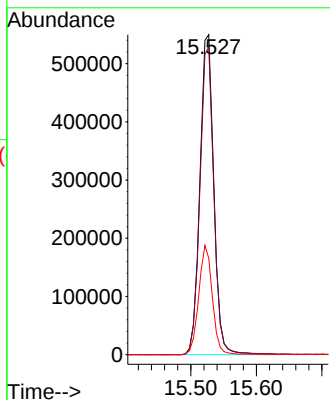
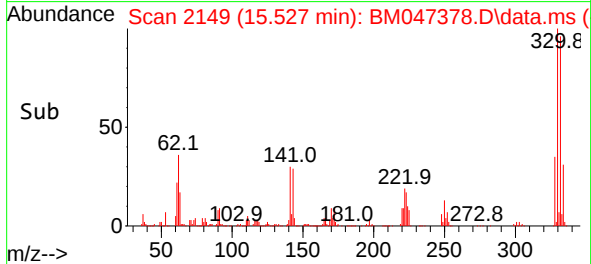
Instrument :
BNA_M
ClientSampleId :
WC-3



Tgt Ion:330 Resp: 814280
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 33.6 27.6 41.4

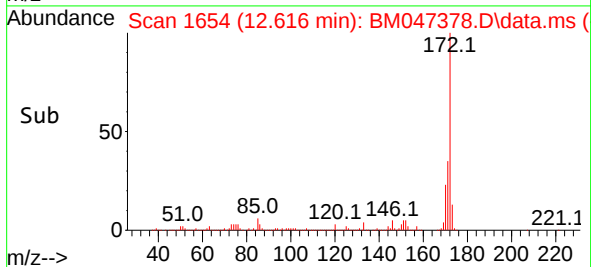
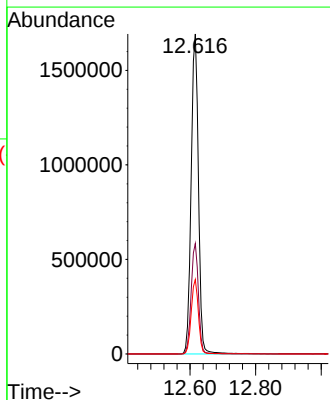
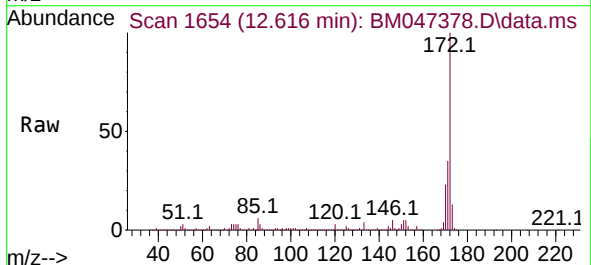
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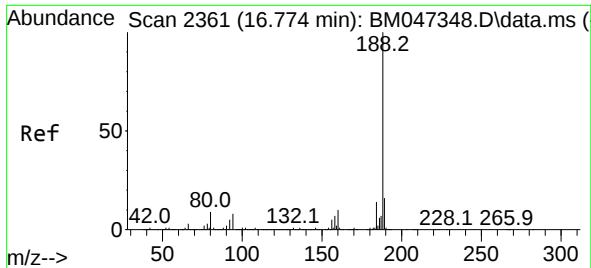
Reviewed By :Jagrut Upadhyay 08/29/2024
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#45
2-Fluorobiphenyl
Concen: 59.684 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

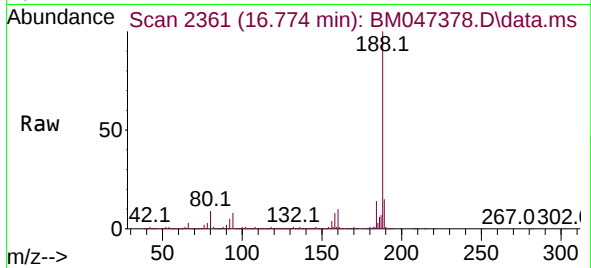
Tgt Ion:172 Resp: 2618136
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.2 18.5 27.7





#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

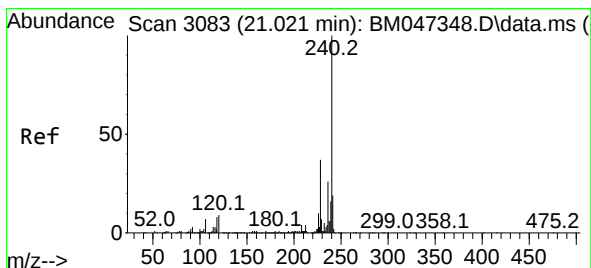
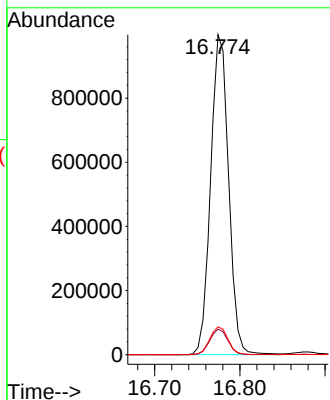
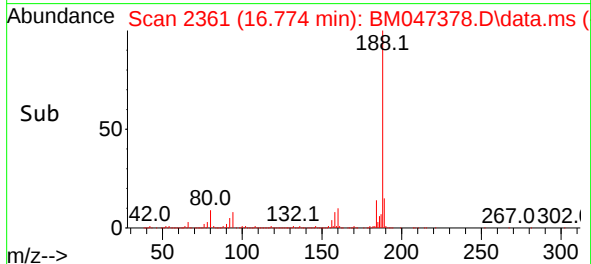
Instrument :
BNA_M
ClientSampleId :
WC-3



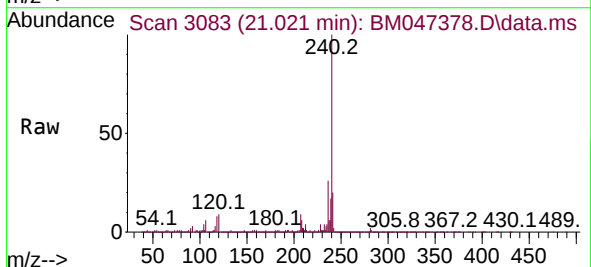
Tgt Ion:188 Resp: 1461038
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.7 7.4 11.2

Manual Integrations
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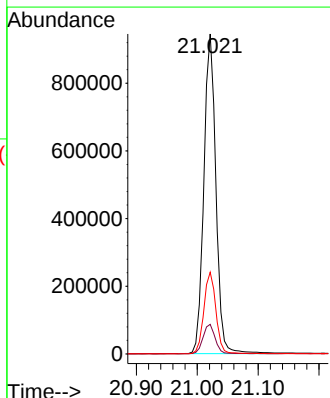
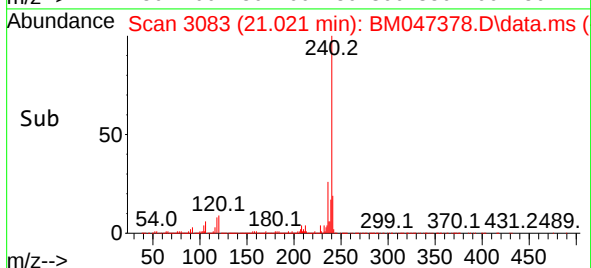
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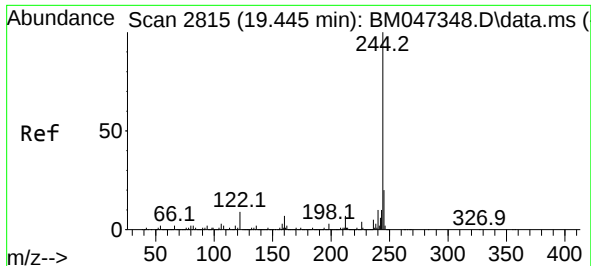


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03



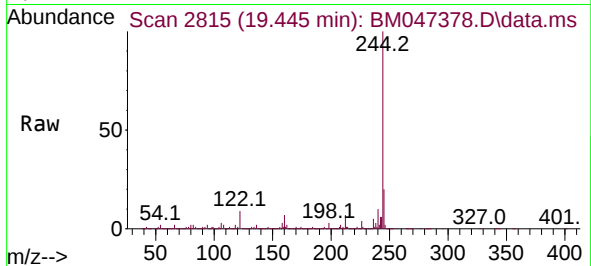
Tgt Ion:240 Resp: 1299050
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.5 20.8 31.2





#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

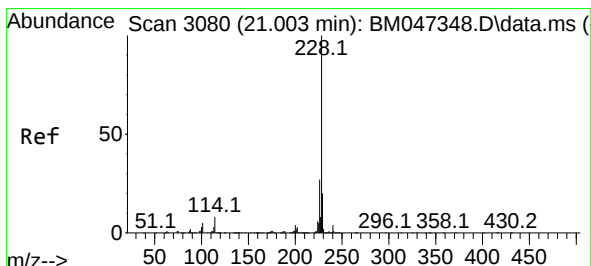
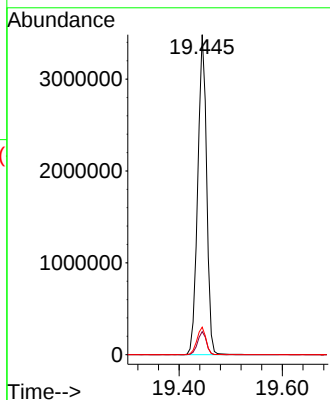
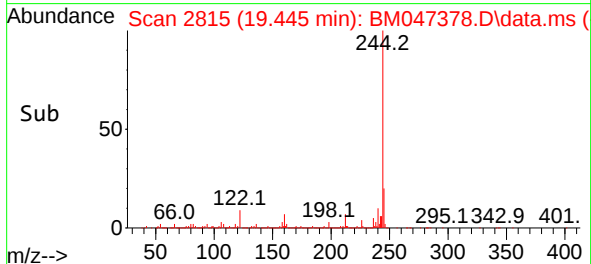
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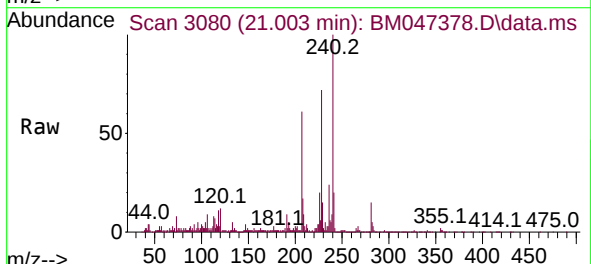
Tgt Ion:244 Resp: 414188
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.6 7.0 10.4

Manual Integrations
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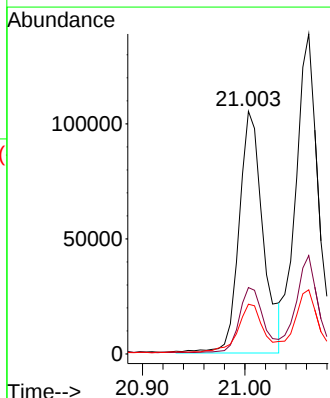
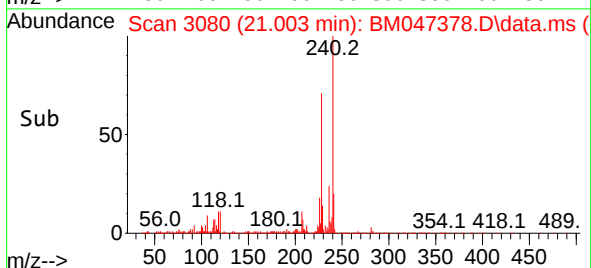
Reviewed By :Jagrut Upadhyay 08/29/2024
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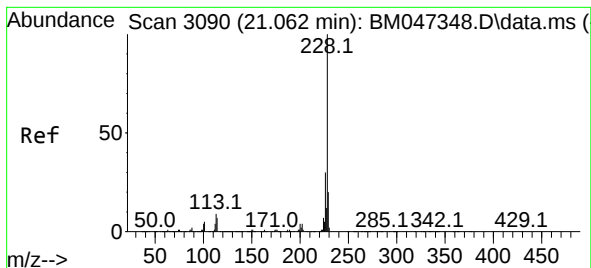


#81
 Benzo(a)anthracene
 Concen: 2.022 ng m
 RT: 21.003 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BM047378.D
 Acq: 28 Aug 2024 13:03



Tgt Ion:228 Resp: 171335
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.4 32.0
 229 20.5 15.8 23.8





#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

Instrument :

BNA_M

ClientSampleId :

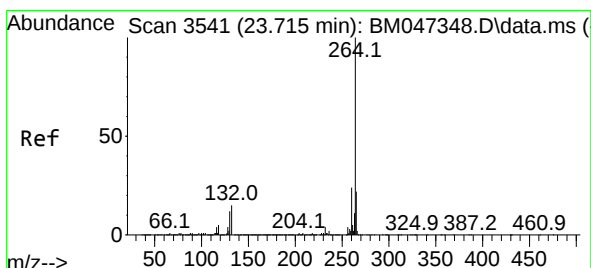
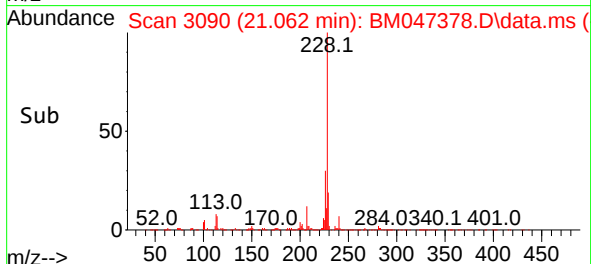
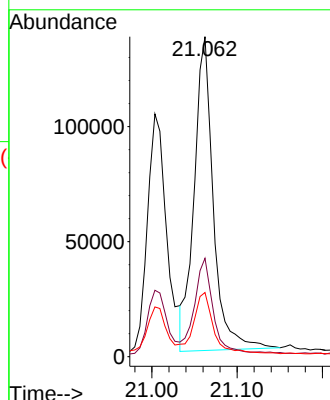
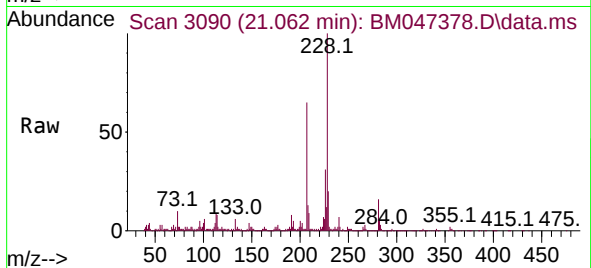
WC-3

Tgt Ion:	228	Resp:	21268
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	20.0	15.9	23.9

Manual Integrations

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#86

Perylene-d12

Concen: 20.000 ng

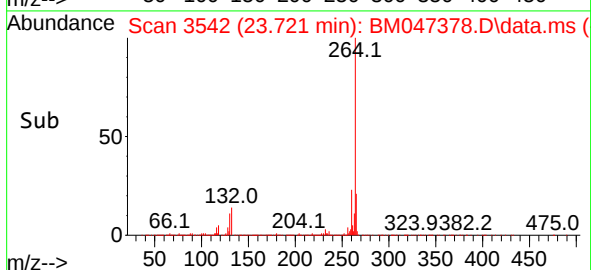
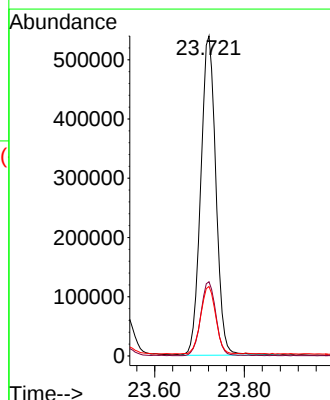
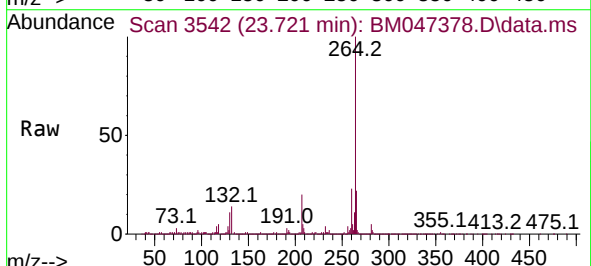
RT: 23.721 min Scan# 3542

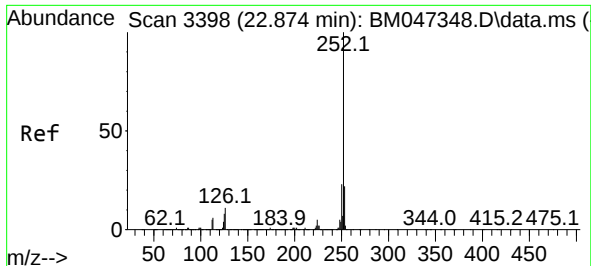
Delta R.T. 0.006 min

Lab File: BM047378.D

Acq: 28 Aug 2024 13:03

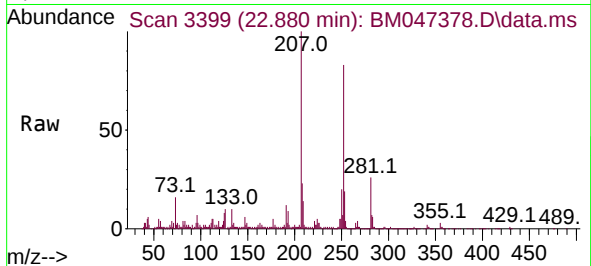
Tgt Ion:	264	Resp:	1261779
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.0	28.4
265	21.7	17.8	26.6





#88
Benzo(b)fluoranthene
Concen: 2.918 ng
RT: 22.880 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

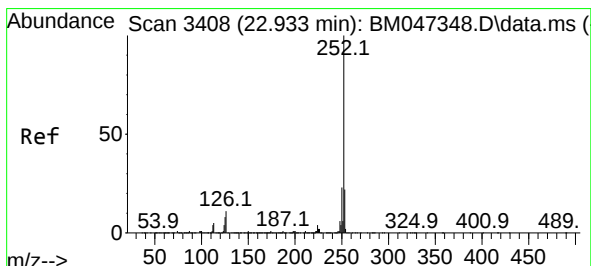
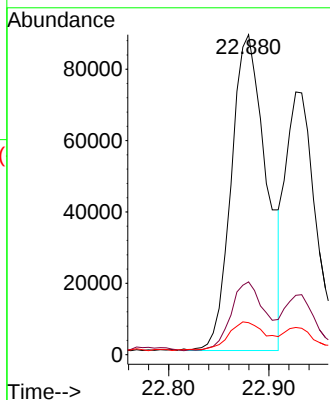
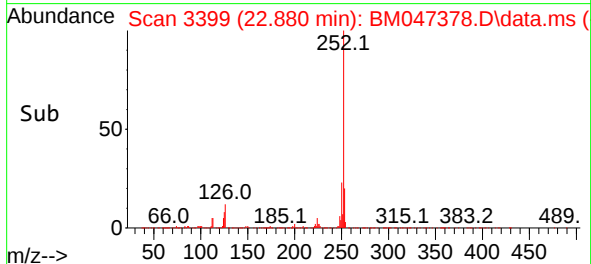
Instrument :
BNA_M
ClientSampleId :
WC-3



Tgt Ion:252 Resp: 214810
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.0 6.6 10.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#89
Benzo(k)fluoranthene
Concen: 2.265 ng
RT: 22.927 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM047378.D
Acq: 28 Aug 2024 13:03

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

