

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030954.D
 Acq On : 16 Apr 2024 02:24
 Operator : MA/JU
 Sample : P2031-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-37-040824

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 02:50:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 17:03:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	4293	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	12512	0.400	ng	0.00
13) Acenaphthene-d10	14.284	164	6745	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	16081	0.400	ng	0.00
29) Chrysene-d12	21.240	240	15231	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	15121	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	1399	0.146	ng	0.00
5) Phenol-d6	6.823	99	1123	0.097	ng	0.00
8) Nitrobenzene-d5	8.798	82	2445	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.024	152	5790	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.786	330	658	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	7078	0.312	ng	0.00
27) Fluoranthene-d10	19.075	212	17143	0.396	ng	0.00
31) Terphenyl-d14	19.679	244	14188	0.401	ng	0.00
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.222	228	1935m	0.036	ng	
33) Chrysene	21.276	228	2203	0.038	ng	96
34) Bis(2-ethylhexyl)phtha...	21.151	149	2208	0.091	ng	97
36) Indeno(1,2,3-cd)pyrene	25.688	276	1855	0.026	ng	# 85
37) Benzo(b)fluoranthene	22.784	252	2221	0.036	ng	# 35
38) Benzo(k)fluoranthene	22.831	252	2391	0.039	ng	# 35
39) Benzo(a)pyrene	23.357	252	1651	0.032	ng	# 13
40) Dibenzo(a,h)anthracene	25.702	278	1555	0.028	ng	# 50
41) Benzo(g,h,i)perylene	26.366	276	1576	0.025	ng	# 73

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

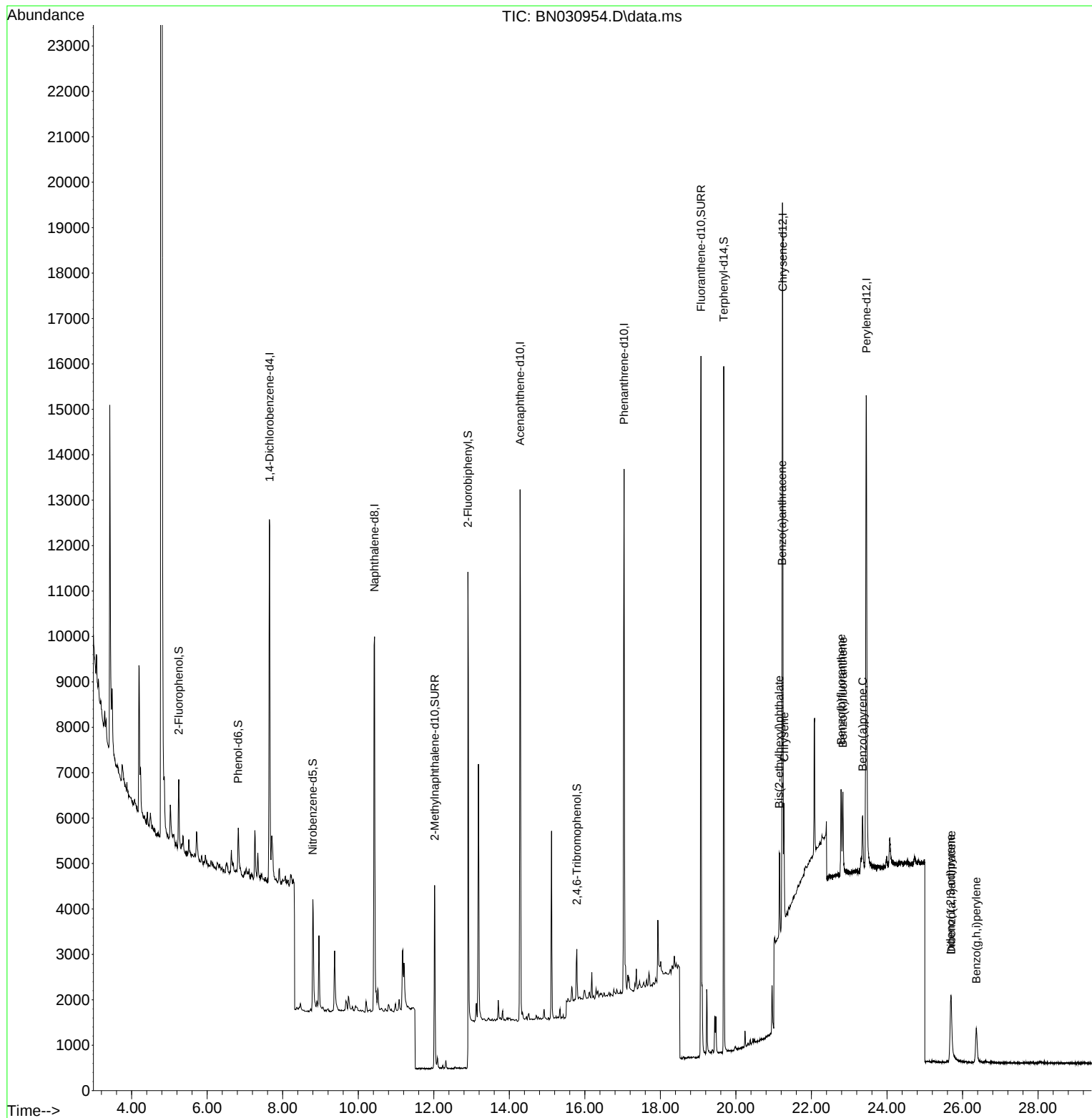
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030954.D
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Sample : P2031-01
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ALS Vial : 21 Sample Multiplier: 1

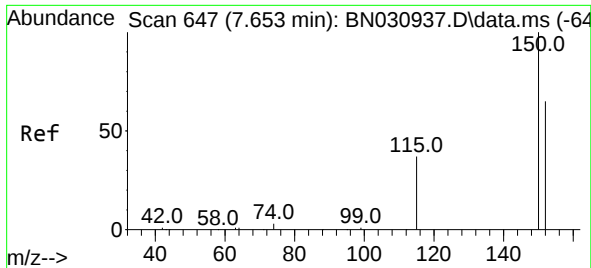
Instrument :
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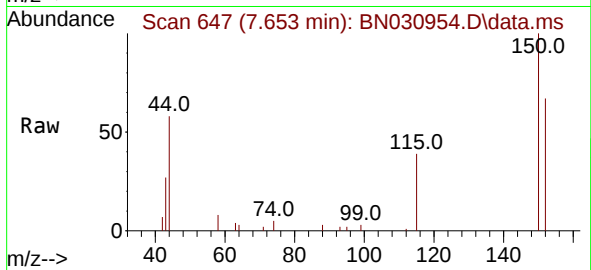
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.653 min Scan# 647
Delta R.T. 0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Instrument :

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ClientSampleId :

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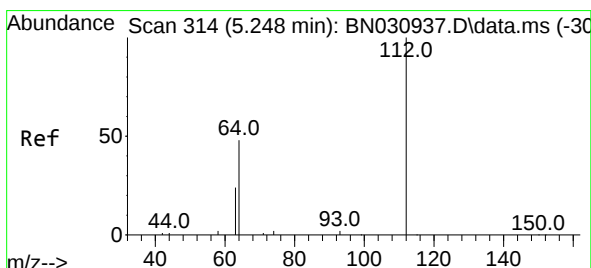
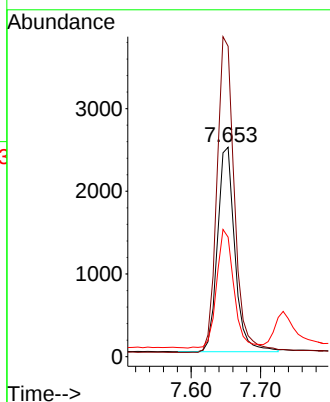
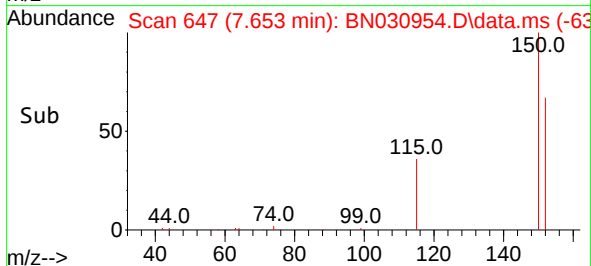
Tgt Ion:152 Resp: 429
Ion Ratio Lower Upper
152 100
150 148.2 121.7 182.5
115 57.0 47.8 71.8

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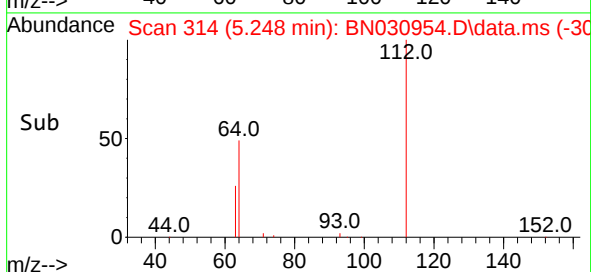
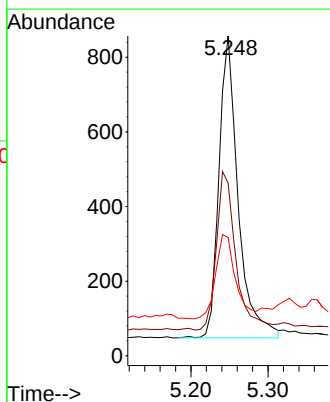
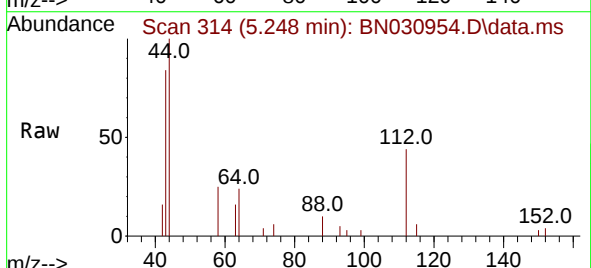
Reviewed By :Yogesh Patel 04/17/2024

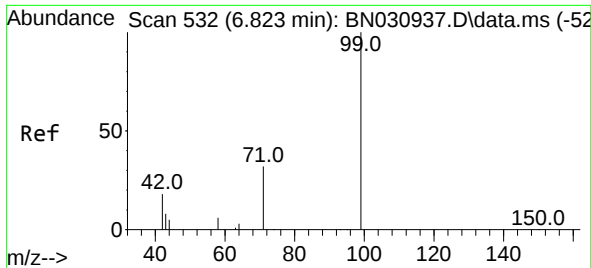
Supervised By :mohammad ahmed 04/18/2024



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

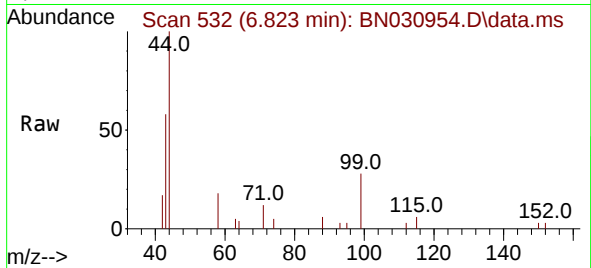
Tgt Ion:112 Resp: 1399
Ion Ratio Lower Upper
112 100
64 52.8 43.4 65.2
63 29.0 22.2 33.2





#5
Phenol-d6
Concen: 0.097 ng
RT: 6.823 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

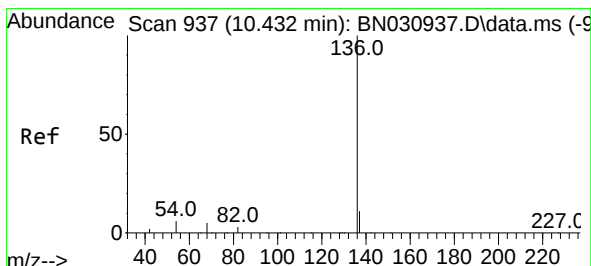
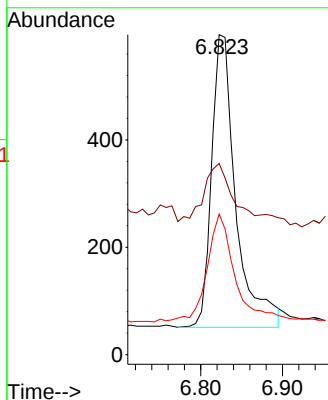
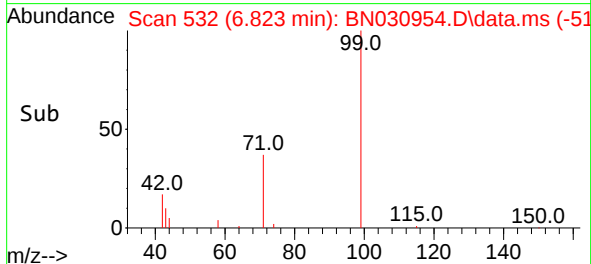
Instrument :
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ClientSampleId :
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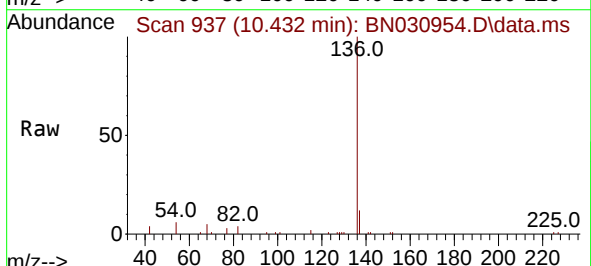
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Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 42.2 26.3 39.5

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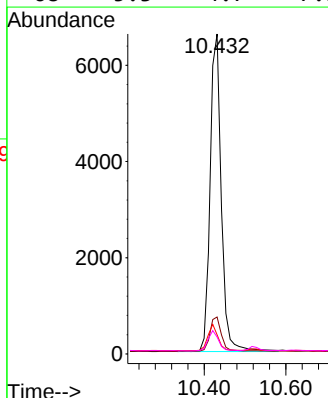
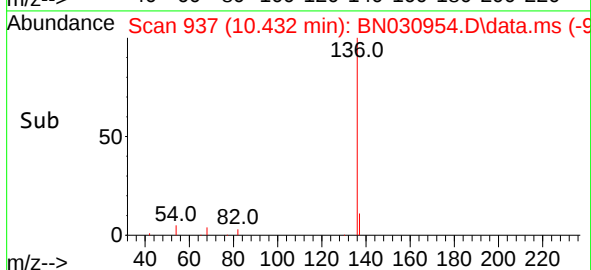
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

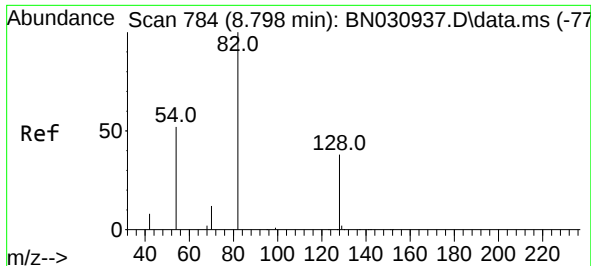


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24



Tgt Ion:136 Resp: 12512
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 6.0 5.3 7.9
68 5.3 4.7 7.1





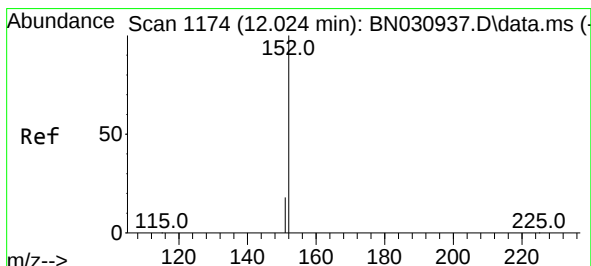
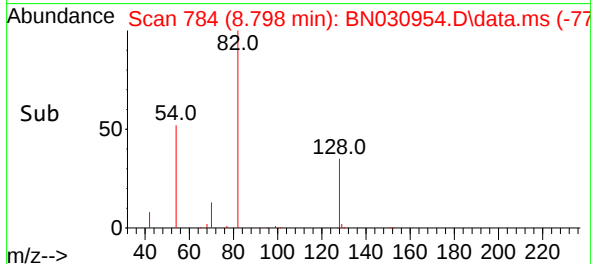
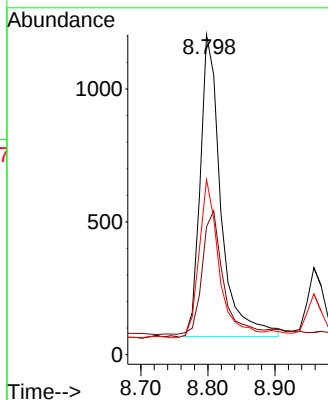
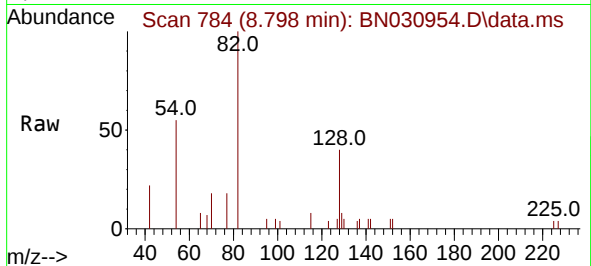
#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

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RSB-01-37-040824

Tgt Ion: 82 Resp: 244
Ion Ratio Lower Upper
82 100
128 40.0 33.7 50.5
54 54.8 43.7 65.5

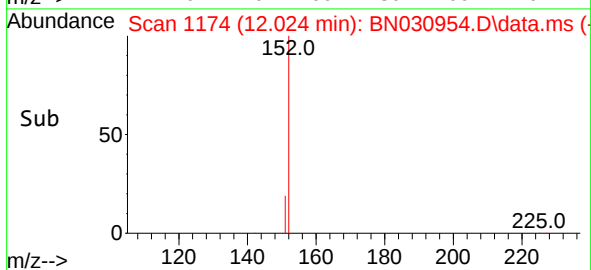
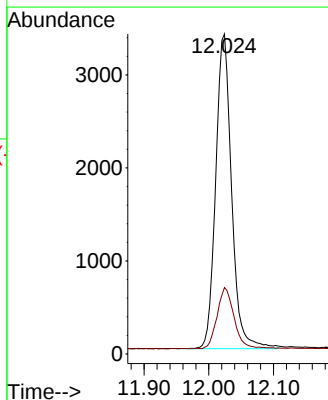
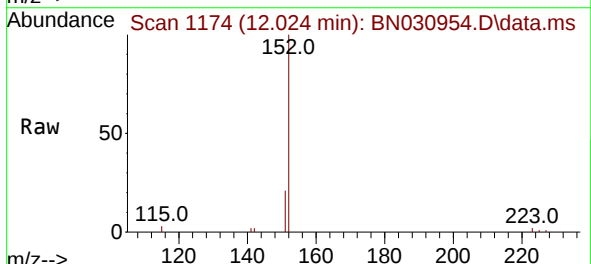
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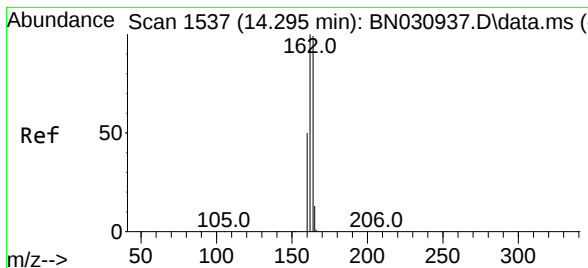
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.024 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

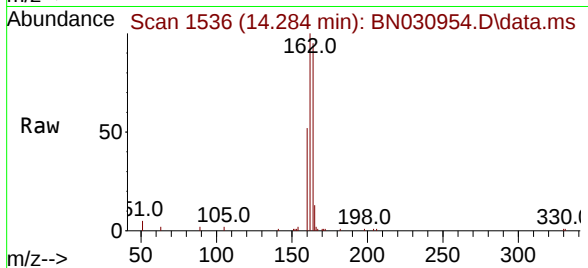
Tgt Ion:152 Resp: 5790
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

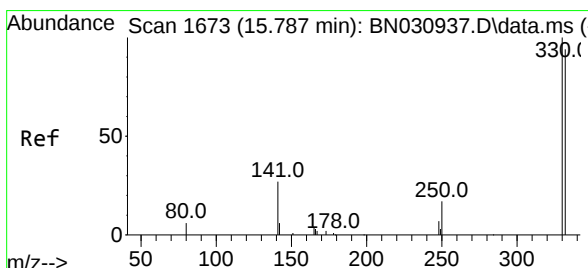
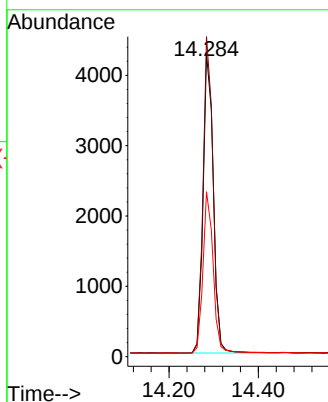
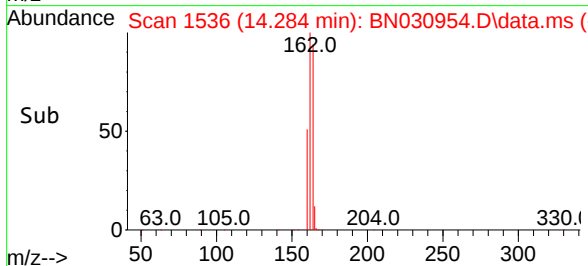
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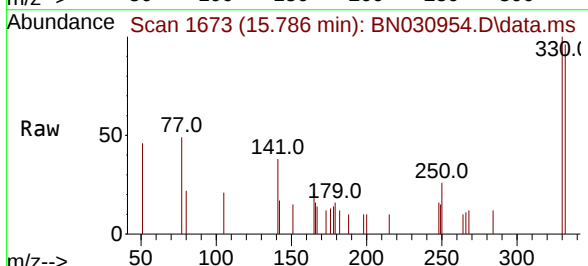
Tgt Ion:164 Resp: 674
Ion Ratio Lower Upper
164 100
162 105.6 80.6 121.0
160 54.5 40.7 61.1

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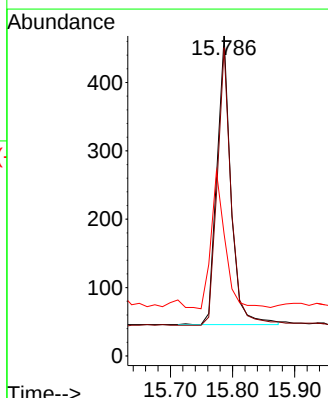
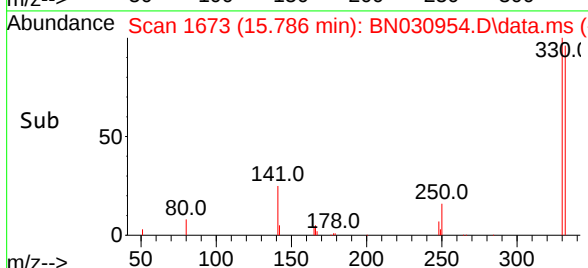
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

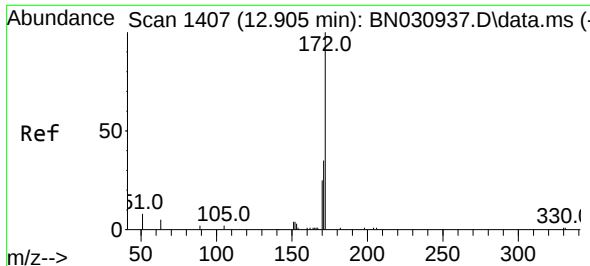


#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.786 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24



Tgt Ion:330 Resp: 658
Ion Ratio Lower Upper
330 100
332 95.4 74.2 111.2
141 46.4 37.2 55.8





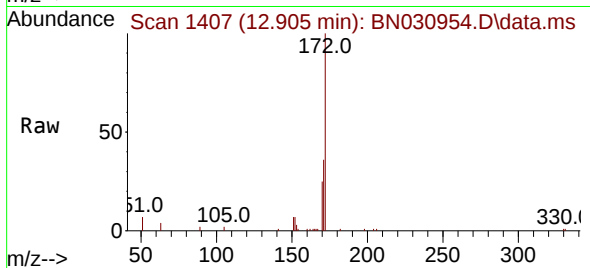
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.905 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Instrument :

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ClientSampleId :

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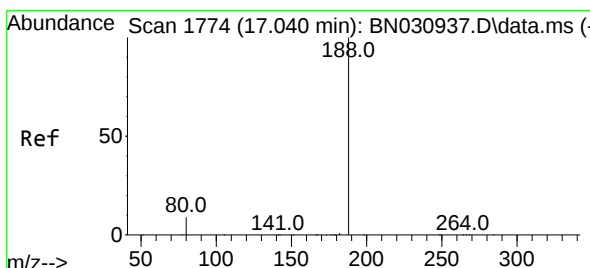
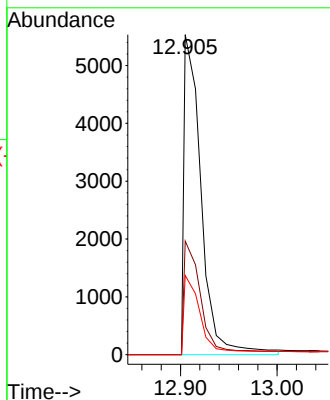
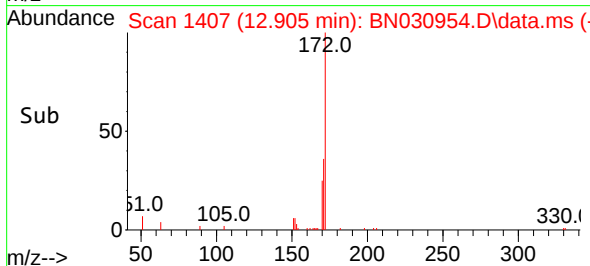
Tgt Ion:172 Resp: 7078
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 24.7 19.8 29.8

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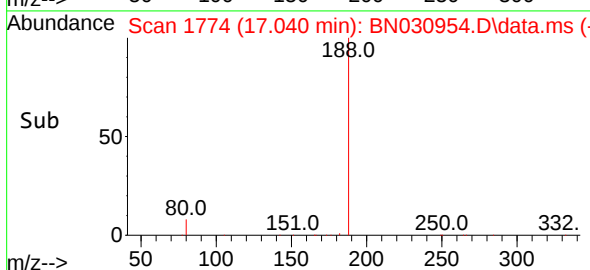
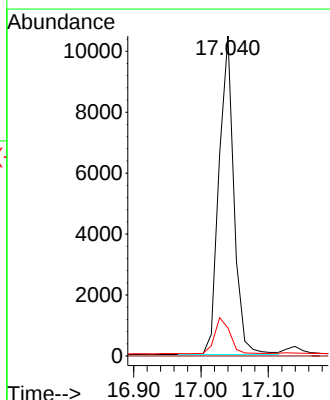
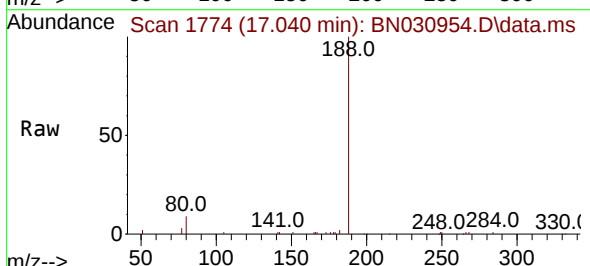
Reviewed By :Yogesh Patel 04/17/2024

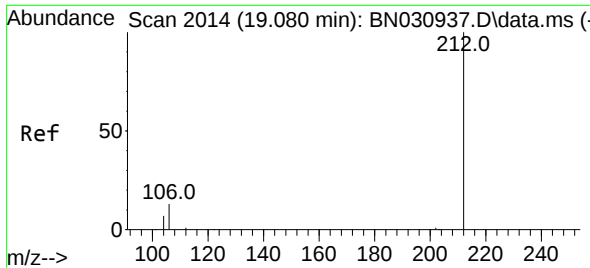
Supervised By :mohammad ahmed 04/18/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion:188 Resp: 16081
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.4 11.2





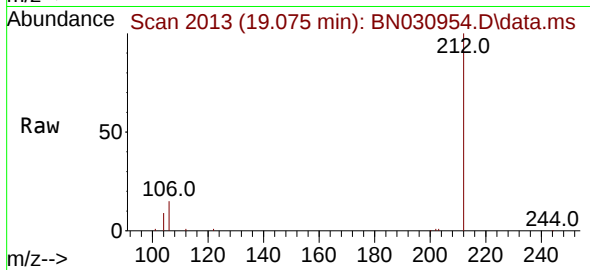
#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.075 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

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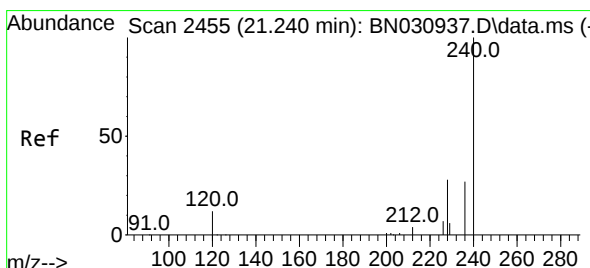
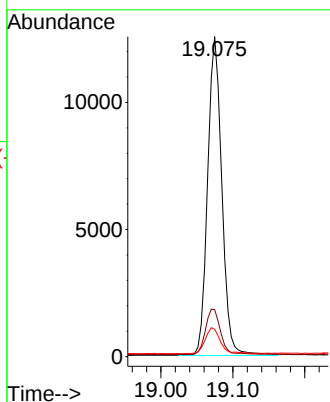
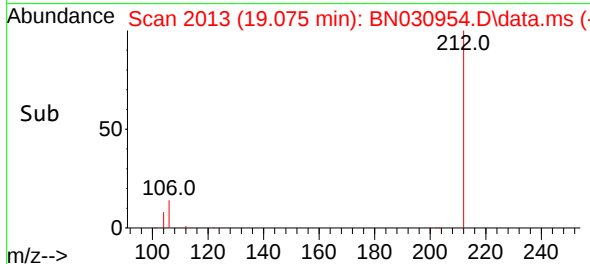
Tgt Ion:212 Resp: 1714
Ion Ratio Lower Upper
212 100
106 15.1 12.0 18.0
104 8.7 6.7 10.1

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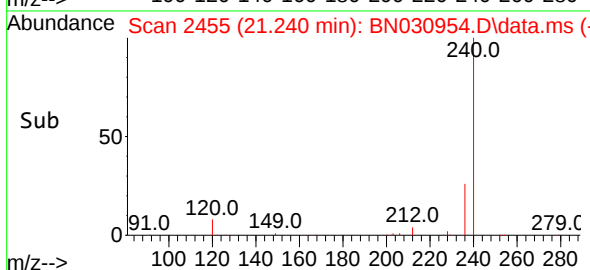
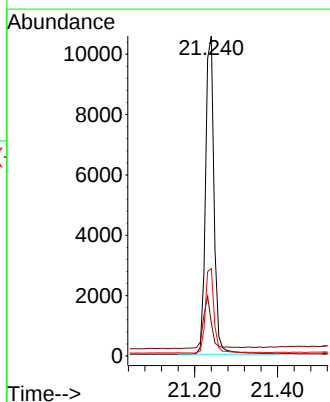
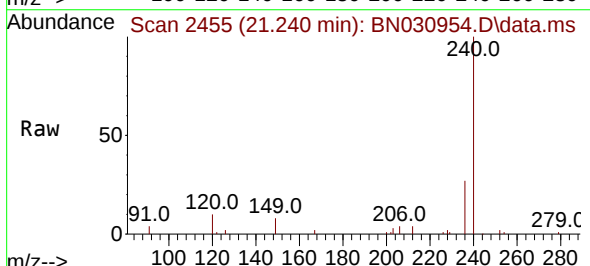
Reviewed By :Yogesh Patel 04/17/2024

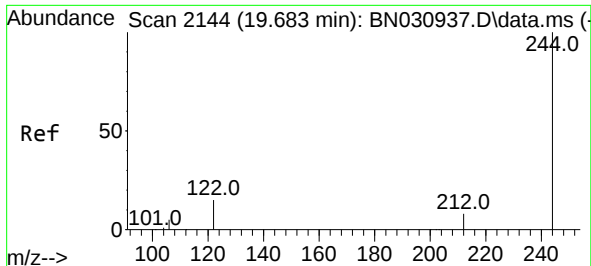
Supervised By :mohammad ahmed 04/18/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.240 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion:240 Resp: 15231
Ion Ratio Lower Upper
240 100
120 10.2 11.0 16.4#
236 27.3 22.3 33.5





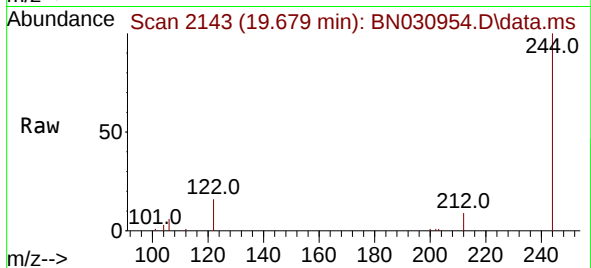
#31
Terphenyl-d14
Concen: 0.401 ng
RT: 19.679 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Instrument :

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ClientSampleId :

RSB-01-37-040824



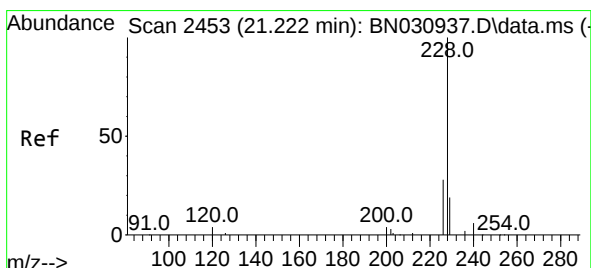
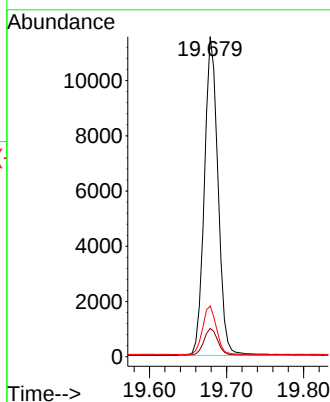
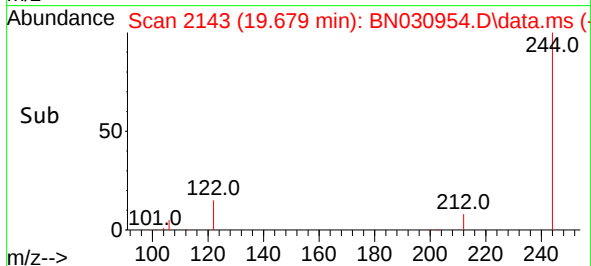
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Ion Ratio Lower Upper
244 100
212 8.9 7.2 10.8
122 15.8 12.7 19.1

Manual Integrations

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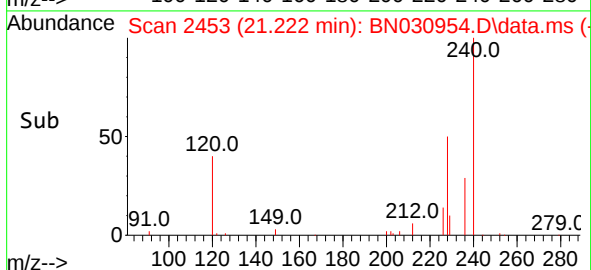
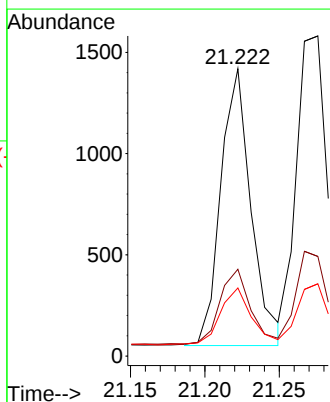
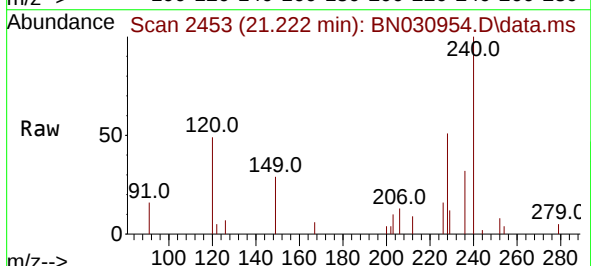
Reviewed By :Yogesh Patel 04/17/2024

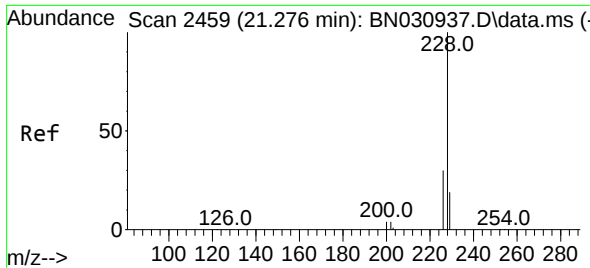
Supervised By :mohammad ahmed 04/18/2024



#32
Benzo(a)anthracene
Concen: 0.036 ng m
RT: 21.222 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

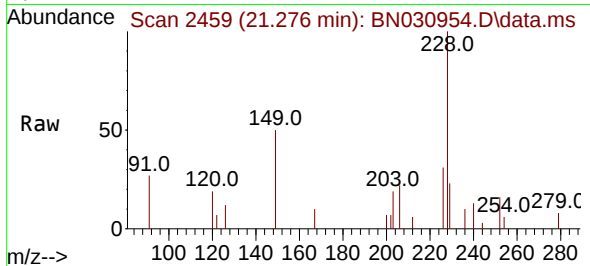
Tgt Ion:228 Resp: 1935
Ion Ratio Lower Upper
228 100
226 30.2 22.4 33.6
229 23.7 15.7 23.5#





#33
Chrysene
Concen: 0.038 ng
RT: 21.276 min Scan# 2459
Delta R.T. -0.000 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

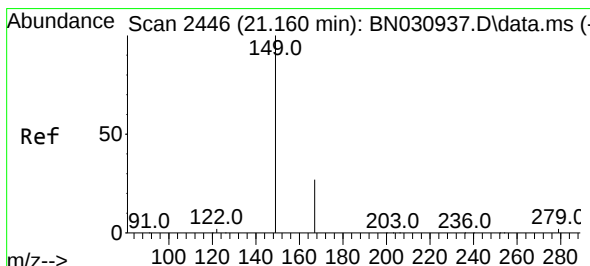
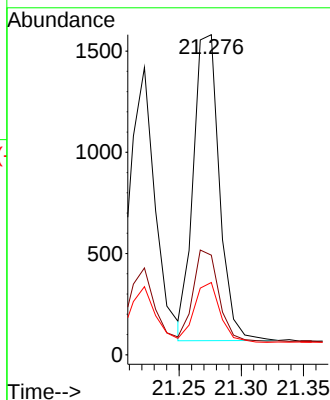
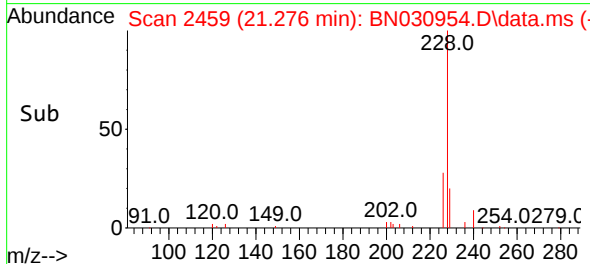
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824



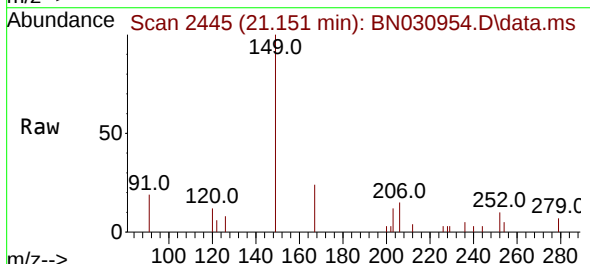
Tgt Ion: 228 Resp: 2208
Ion Ratio Lower Upper
228 100
226 31.1 23.9 35.9
229 22.6 15.8 23.6

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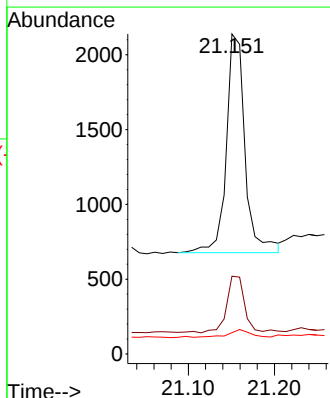
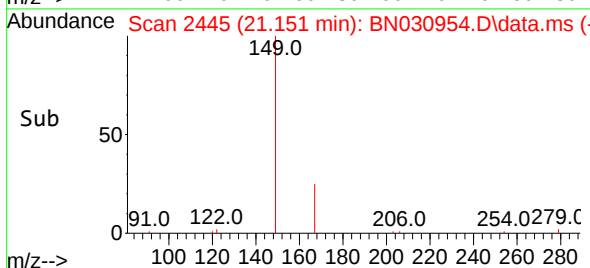
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

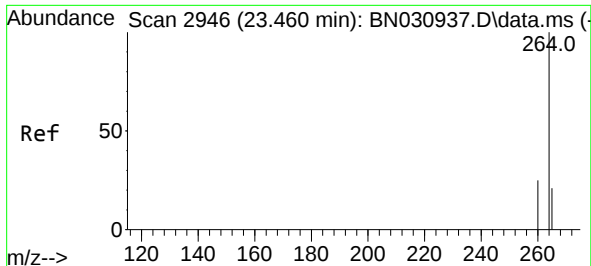


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.151 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24



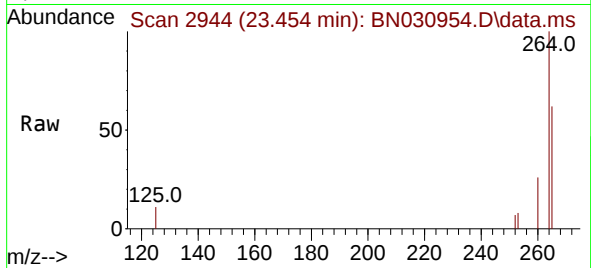
Tgt Ion: 149 Resp: 2208
Ion Ratio Lower Upper
149 100
167 24.6 21.0 31.4
279 4.3 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.454 min Scan# 2946
Delta R.T. -0.006 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

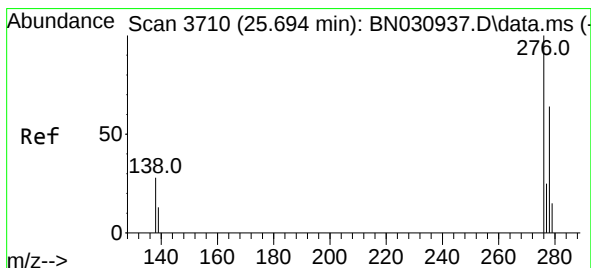
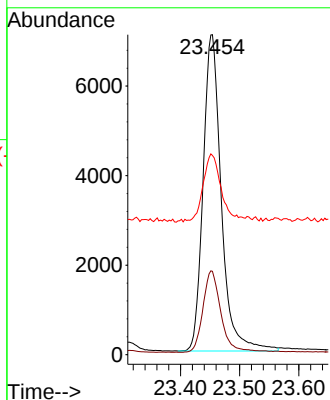
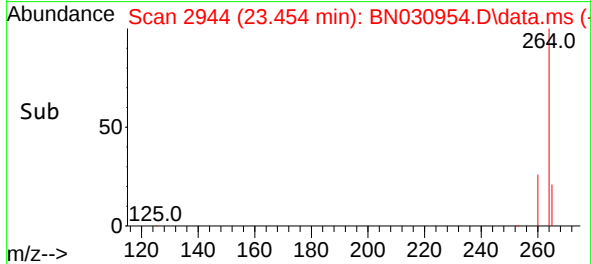
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824



Tgt Ion:264 Resp: 1512
Ion Ratio Lower Upper
264 100
260 26.1 20.6 31.0
265 62.3 53.3 79.9

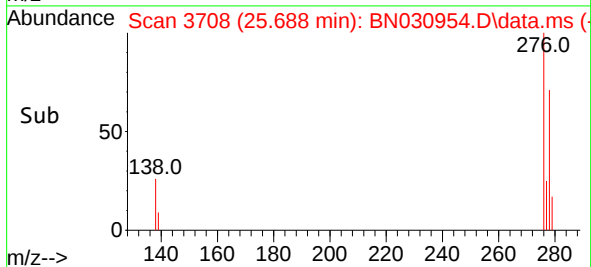
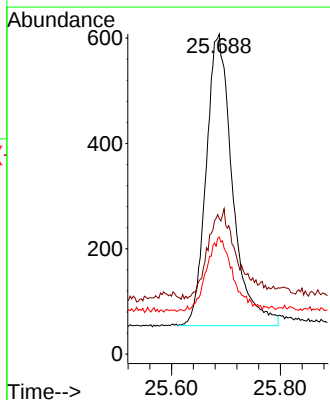
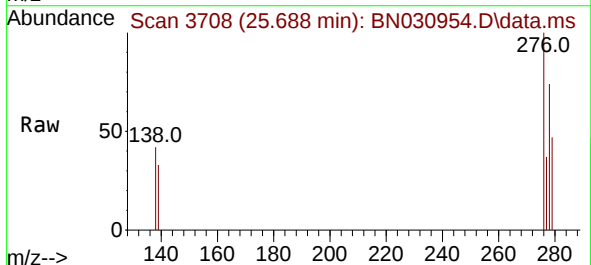
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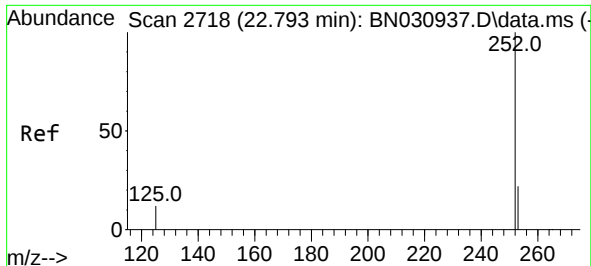
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 25.688 min Scan# 3708
Delta R.T. -0.006 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

Tgt Ion:276 Resp: 1855
Ion Ratio Lower Upper
276 100
138 15.3 23.1 34.7#
277 23.8 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.036 ng

RT: 22.784 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN030954.D

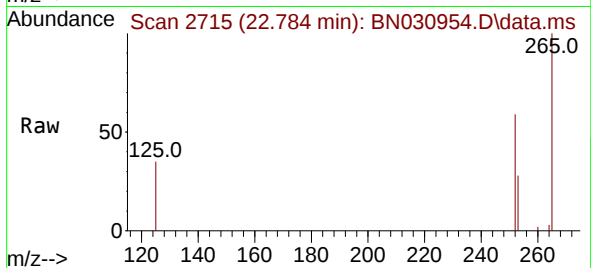
Acq: 16 Apr 2024 02:24

Instrument :

BNA_N

ClientSampleId :

RSB-01-37-040824



Tgt Ion:252 Resp: 222

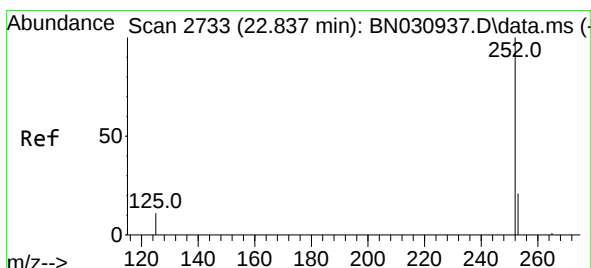
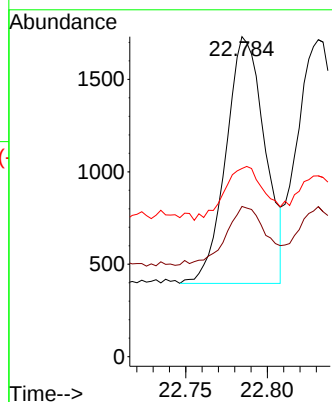
Ion	Ratio	Lower	Upper
252	100		
253	47.0	20.2	30.2
125	58.8	13.4	20.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#38

Benzo(k)fluoranthene

Concen: 0.039 ng

RT: 22.831 min Scan# 2731

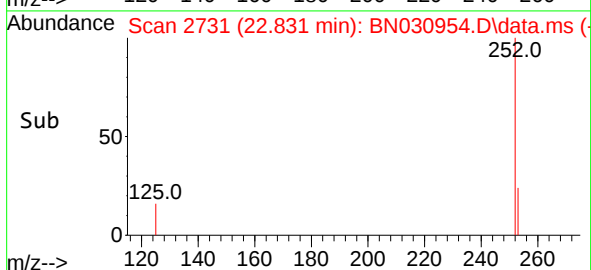
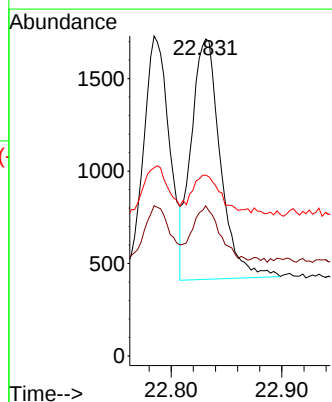
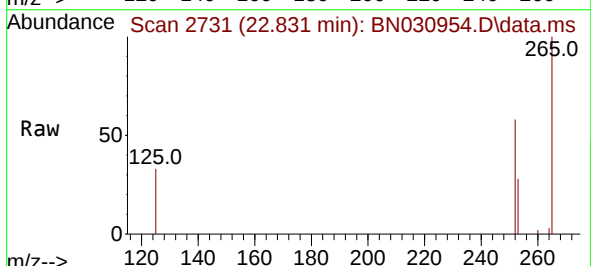
Delta R.T. -0.006 min

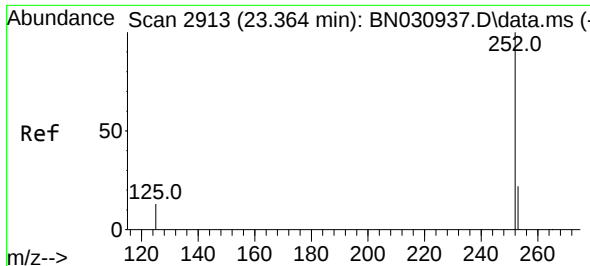
Lab File: BN030954.D

Acq: 16 Apr 2024 02:24

Tgt Ion:252 Resp: 2391

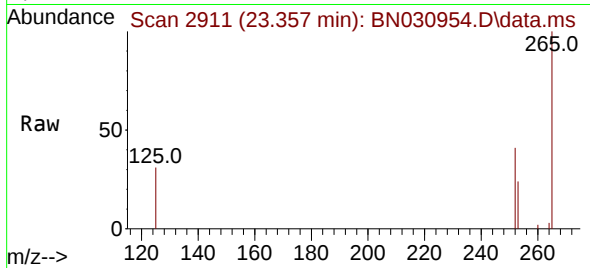
Ion	Ratio	Lower	Upper
252	100		
253	47.3	19.9	29.9#
125	57.0	13.2	19.8#





#39
Benzo(a)pyrene
Concen: 0.032 ng
RT: 23.357 min Scan# 2911
Delta R.T. -0.006 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

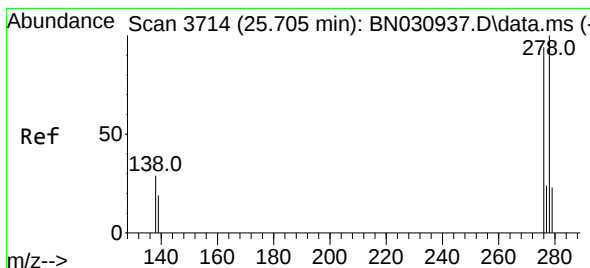
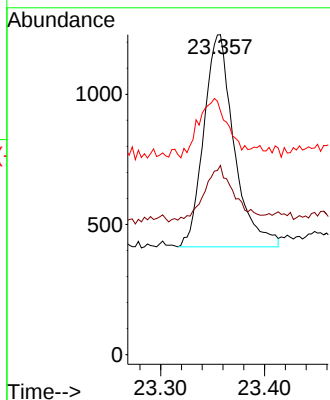
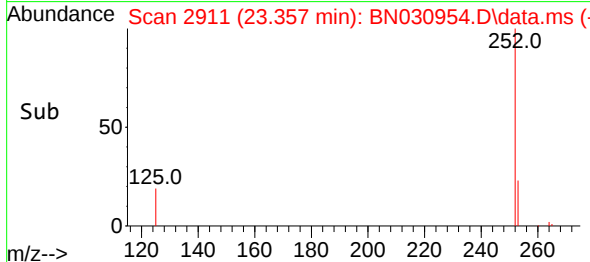
Instrument :
BNA_N
ClientSampleId :
RSB-01-37-040824



Tgt Ion:252 Resp: 165
Ion Ratio Lower Upper
252 100
253 59.2 21.4 32.2
125 76.2 16.6 25.0

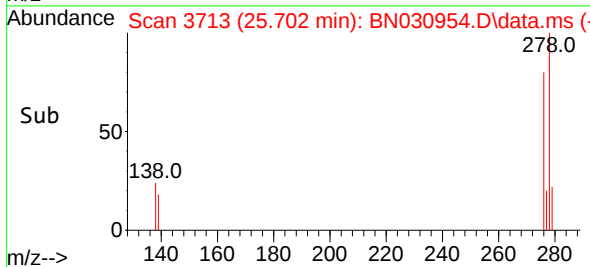
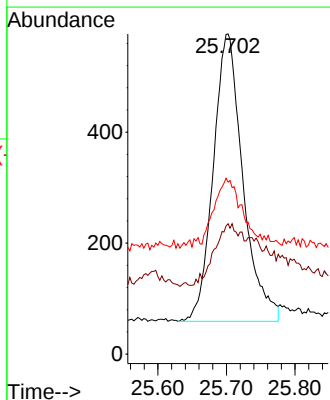
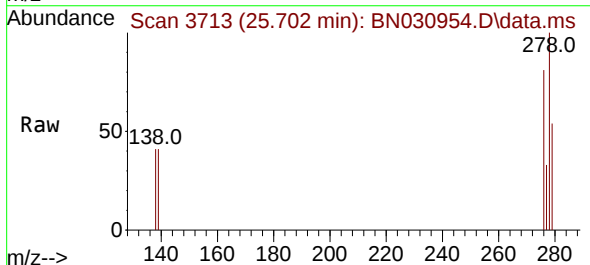
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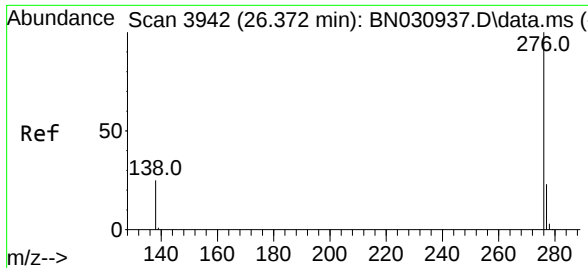
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.028 ng
RT: 25.702 min Scan# 3713
Delta R.T. -0.003 min
Lab File: BN030954.D
Acq: 16 Apr 2024 02:24

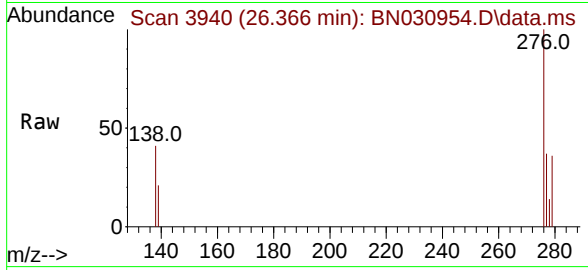
Tgt Ion:278 Resp: 1555
Ion Ratio Lower Upper
278 100
139 40.7 16.3 24.5#
279 53.7 20.6 31.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.025 ng
 RT: 26.366 min Scan# 3940
 Delta R.T. -0.006 min
 Lab File: BN030954.D
 Acq: 16 Apr 2024 02:24

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-37-040824



Tgt Ion: 276 Resp: 1570

Ion	Ratio	Lower	Upper
276	100		
277	36.5	19.4	29.2
138	40.9	21.0	31.4

Manual Integrations
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Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

