

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034234.D
 Acq On : 25 Sep 2024 20:46
 Operator : RC/JU
 Sample : P4164-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240919

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 26 00:39:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	4203m	0.400	ng	0.35
7) Naphthalene-d8	10.554	136	11502m	0.400	ng	0.36
13) Acenaphthene-d10	14.383	164	5827m	0.400	ng	0.30
19) Phenanthrene-d10	17.119	188	10963m	0.400	ng	0.28
29) Chrysene-d12	21.304	240	6827m	0.400	ng	0.25
35) Perylene-d12	23.557	264	5516m	0.400	ng	0.37
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	1576m	0.132	ng	0.33
5) Phenol-d6	6.983	99	736m	0.053	ng	0.35
8) Nitrobenzene-d5	8.942	82	3037m	0.345	ng	0.37
11) 2-Methylnaphthalene-d10	12.139	152	4480m	0.264	ng	0.35
14) 2,4,6-Tribromophenol	15.877	330	280m	0.106	ng	0.29
15) 2-Fluorobiphenyl	13.014	172	6613m	0.279	ng	0.31
27) Fluoranthene-d10	19.150	212	10398m	0.376	ng	0.26
31) Terphenyl-d14	19.749	244	6759m	0.496	ng	0.24
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	29034m	5.525	ng	
34) Bis(2-ethylhexyl)phtha...	21.223	149	1822m	0.203	ng	

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

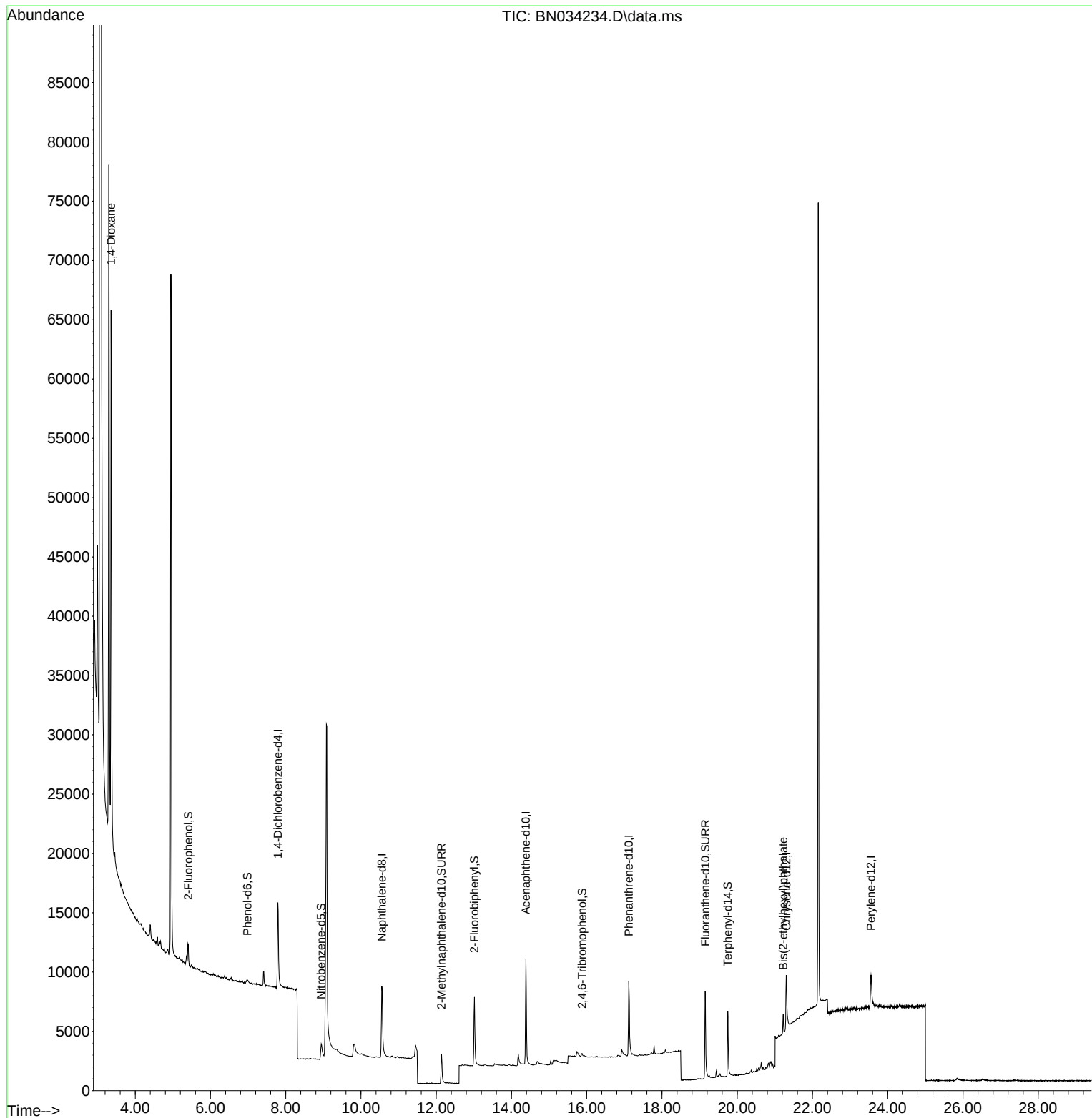
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
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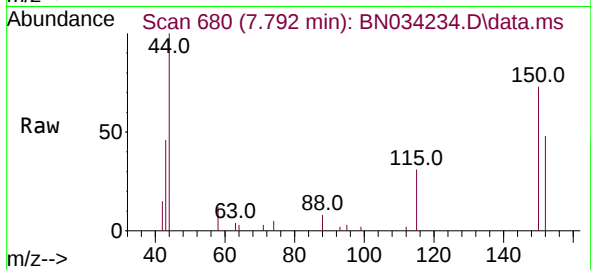
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.792 min Scan# 61
Delta R.T. 0.355 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

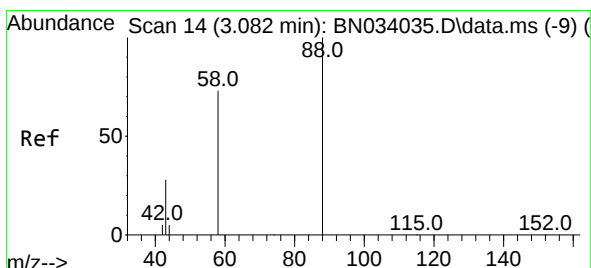
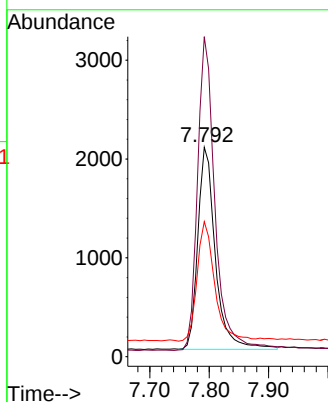
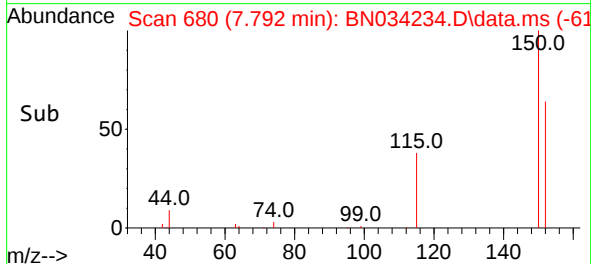
Instrument :
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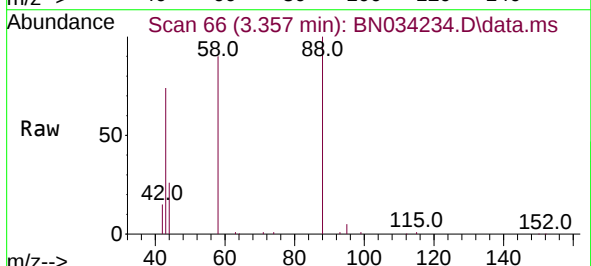
Tgt Ion: 152 Resp: 420
Ion Ratio Lower Upper
152 100
150 152.7 124.6 187.0
115 64.5 50.0 75.0

Manual Integrations
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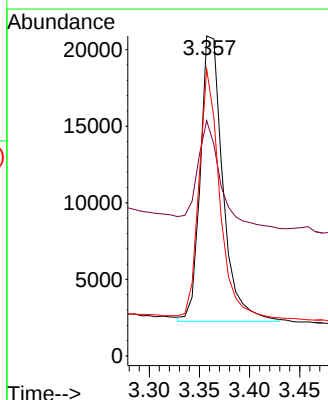
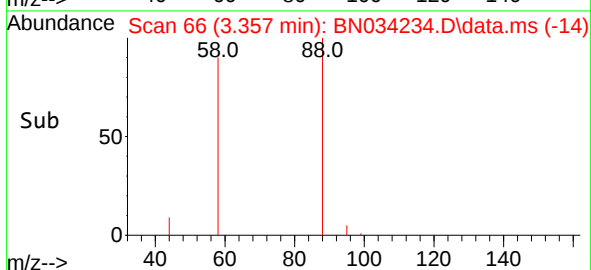
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Supervised By :mohammad ahmed 09/26/2024



#2
1,4-Dioxane
Concen: 5.525 ng m
RT: 3.357 min Scan# 66
Delta R.T. 0.276 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46



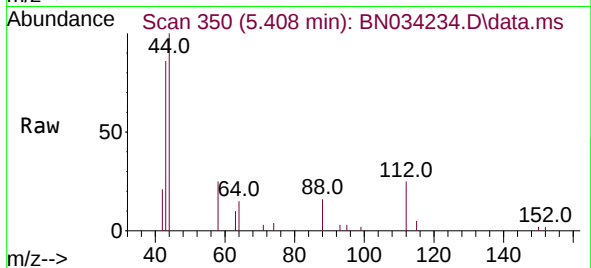
Tgt Ion: 88 Resp: 29034
Ion Ratio Lower Upper
88 100
43 3977.9 25.8 38.8#
58 44.9 58.8 88.2#





#4
2-Fluorophenol
Concen: 0.132 ng m
RT: 5.408 min Scan# 312
Delta R.T. 0.333 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

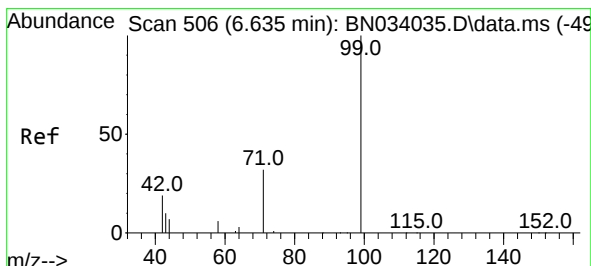
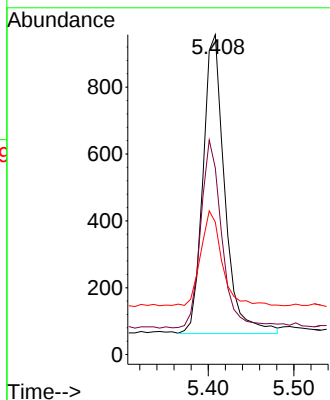
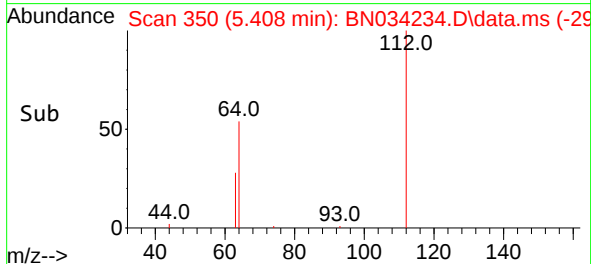
Instrument :
BNA_N
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RE134D2-20240919



Tgt Ion: 112 Resp: 1570
Ion Ratio Lower Upper
112 100
64 0.3 48.6 72.8#
63 0.5 25.6 38.4#

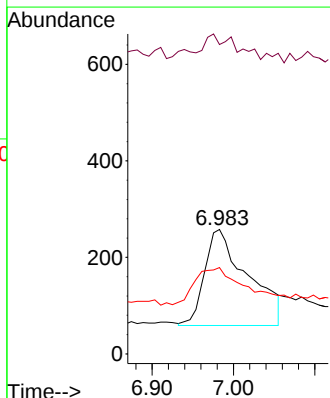
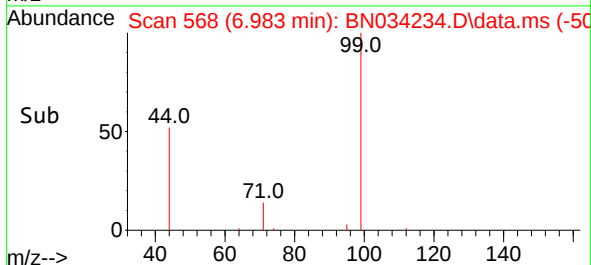
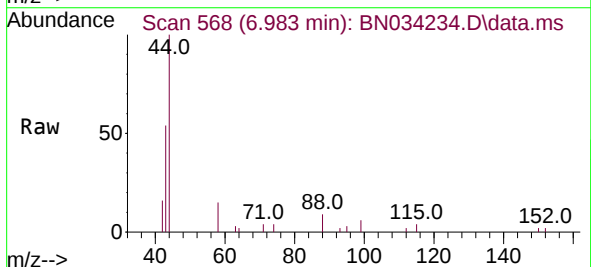
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#5
Phenol-d6
Concen: 0.053 ng m
RT: 6.983 min Scan# 568
Delta R.T. 0.348 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

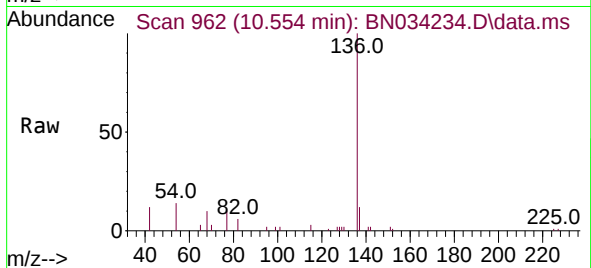
Tgt Ion: 99 Resp: 736
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 0.0 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.554 min Scan# 915
Delta R.T. 0.357 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

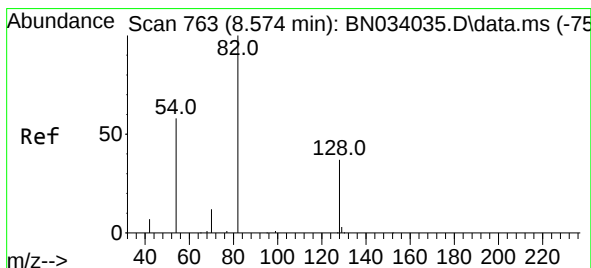
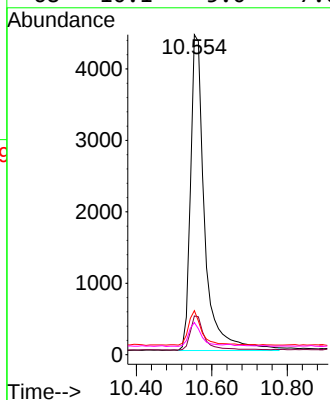
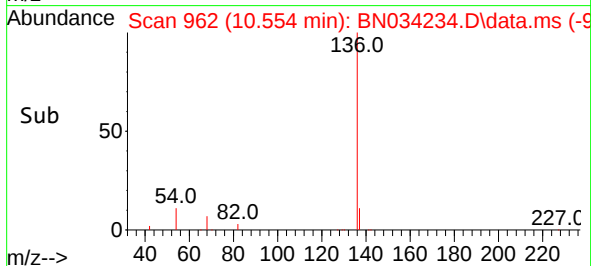
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240919



Tgt Ion: 136 Resp: 1150
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 13.8 6.8 10.2
68 10.1 5.0 7.6#

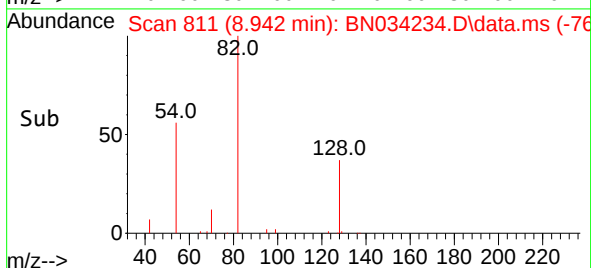
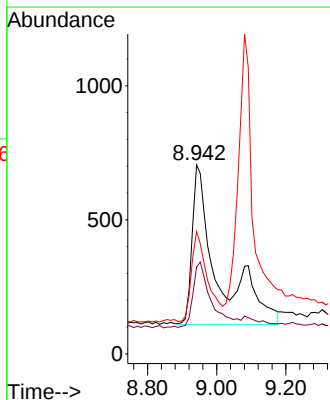
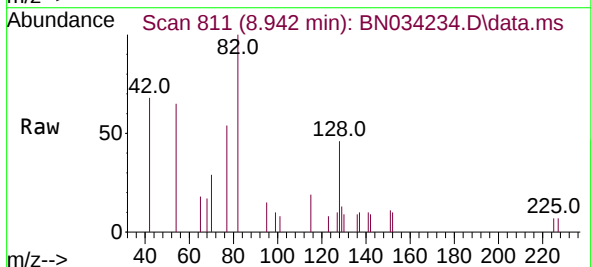
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#8
Nitrobenzene-d5
Concen: 0.345 ng m
RT: 8.942 min Scan# 811
Delta R.T. 0.368 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

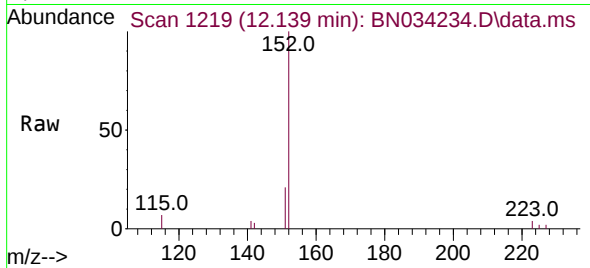
Tgt Ion: 82 Resp: 3037
Ion Ratio Lower Upper
82 100
128 46.0 31.4 47.2
54 64.7 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.264 ng m
RT: 12.139 min Scan# 1113
Delta R.T. 0.345 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

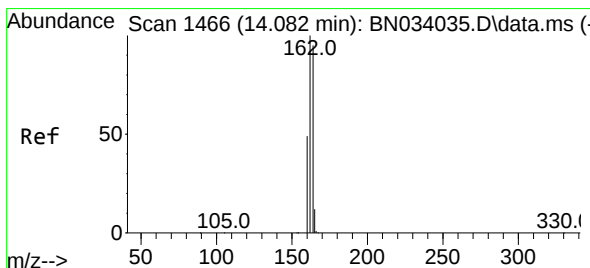
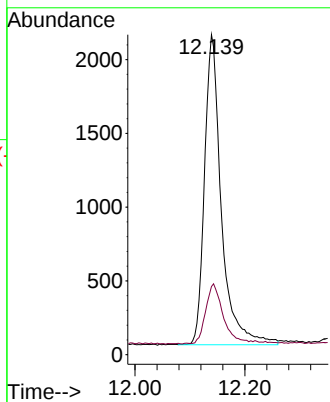
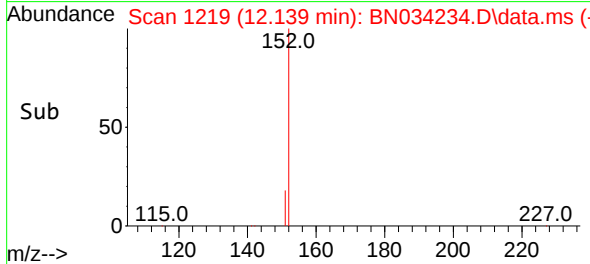
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240919



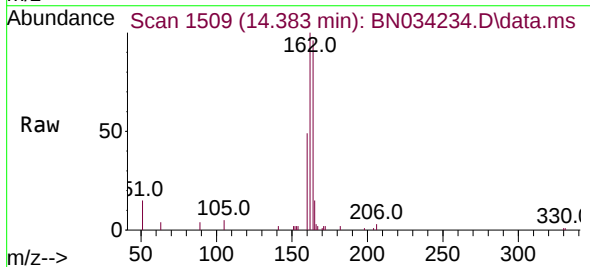
Tgt Ion:152 Resp: 4480
Ion Ratio Lower Upper
152 100
151 0.1 16.8 25.2

Manual Integrations
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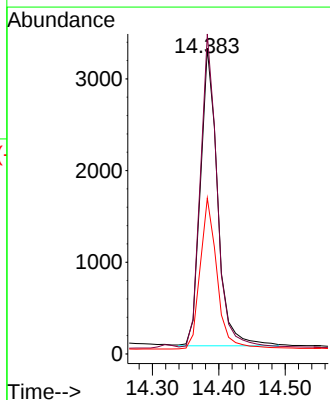
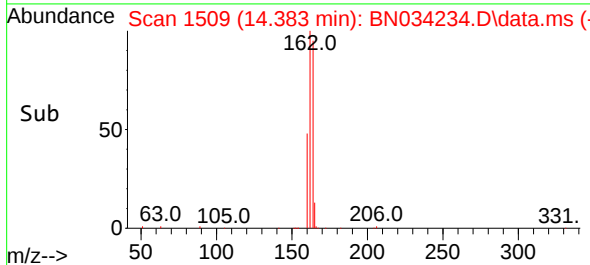
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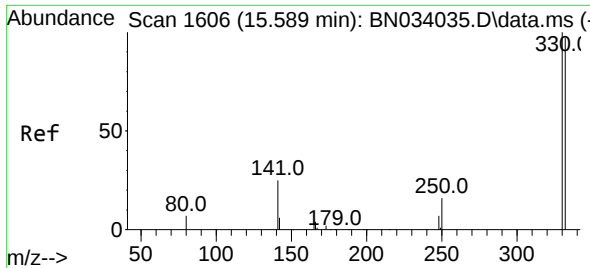


#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.383 min Scan# 1509
Delta R.T. 0.301 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46



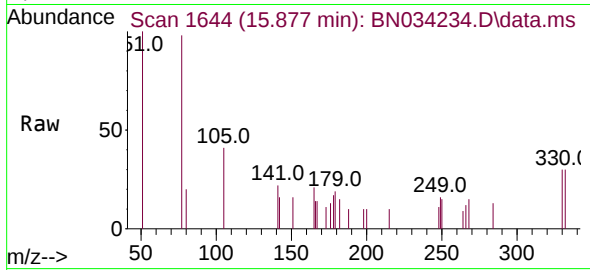
Tgt Ion:164 Resp: 5827
Ion Ratio Lower Upper
164 100
162 104.7 84.2 126.2
160 51.0 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.106 ng m
RT: 15.877 min Scan# 1644
Delta R.T. 0.289 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

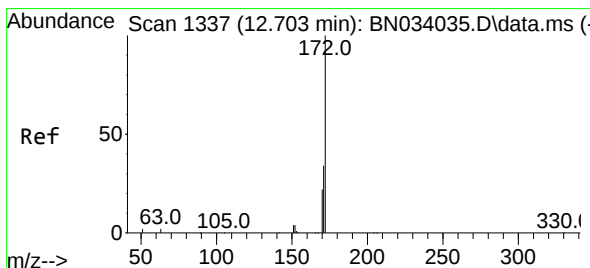
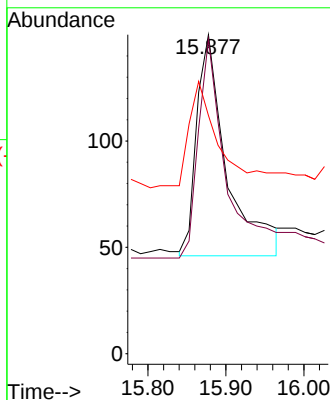
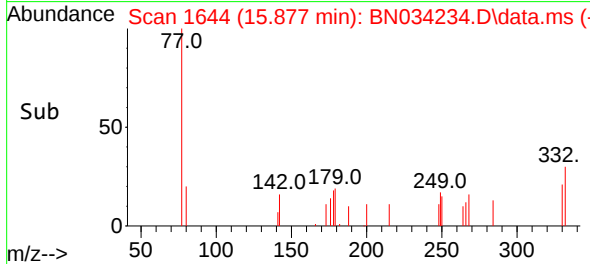
Instrument :
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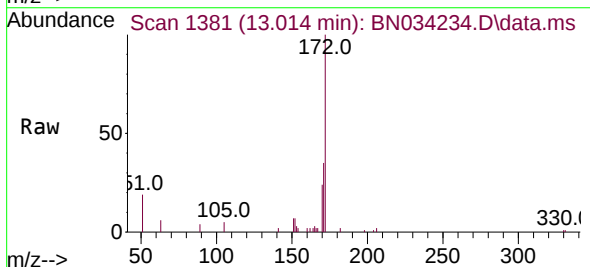
Tgt Ion:330 Resp: 280
Ion Ratio Lower Upper
330 100
332 1.1 77.4 116.0
141 0.0 35.9 53.9

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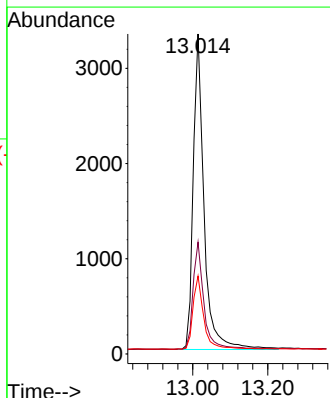
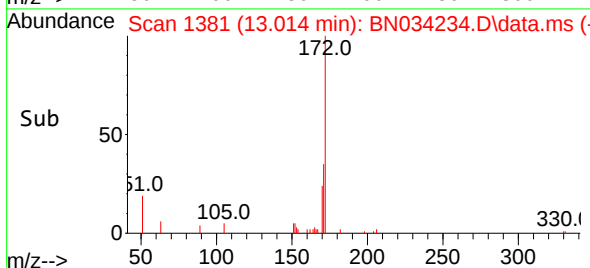
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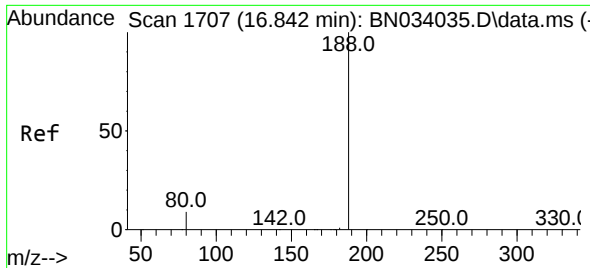


#15
2-Fluorobiphenyl
Concen: 0.279 ng m
RT: 13.014 min Scan# 1381
Delta R.T. 0.312 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46



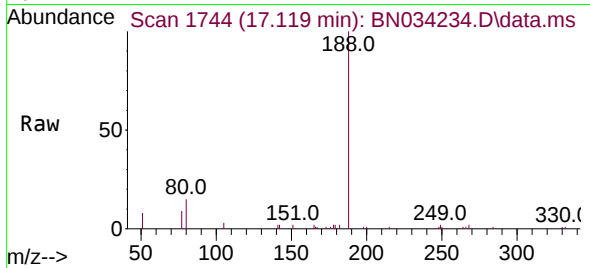
Tgt Ion:172 Resp: 6613
Ion Ratio Lower Upper
172 100
171 35.0 27.3 40.9
170 24.4 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.119 min Scan# 11
Delta R.T. 0.276 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

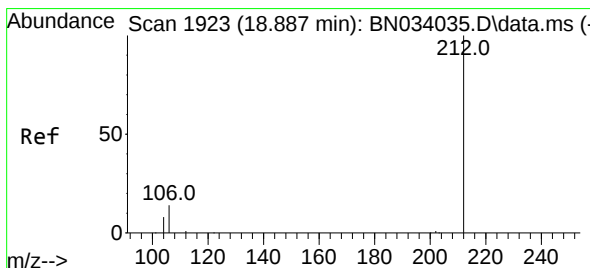
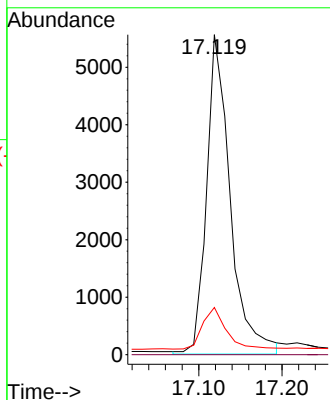
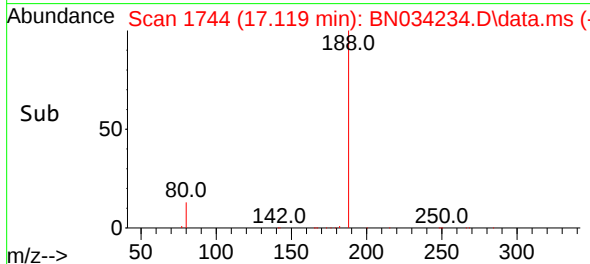
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Tgt Ion:188 Resp: 1096
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 14.7 7.4 11.0

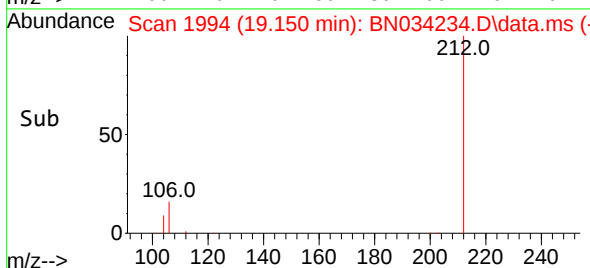
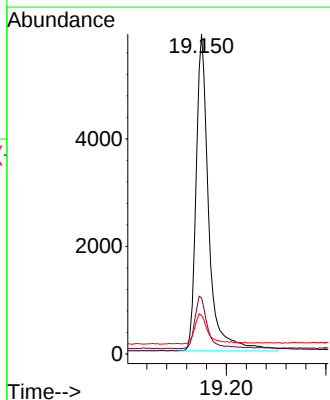
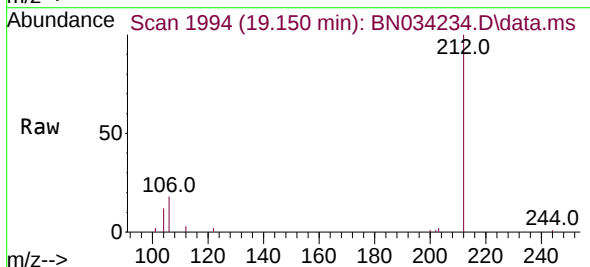
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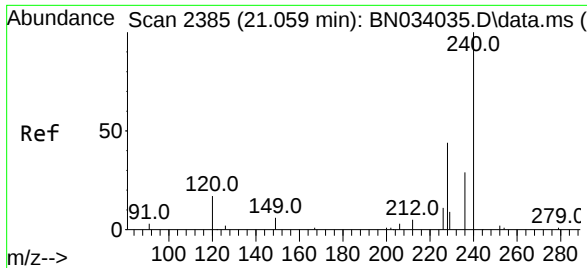
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#27
Fluoranthene-d10
Concen: 0.376 ng m
RT: 19.150 min Scan# 1994
Delta R.T. 0.263 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

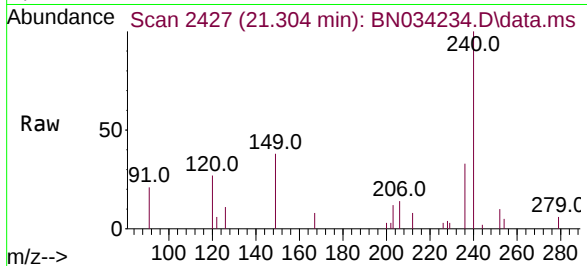
Tgt Ion:212 Resp: 10398
Ion Ratio Lower Upper
212 100
106 0.3 13.4 20.2#
104 0.1 7.8 11.6#





#29
Chrysene-d12
Concen: 0.400 ng m
RT: 21.304 min Scan# 2427
Delta R.T. 0.245 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46

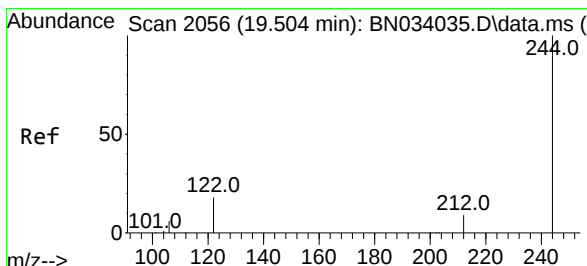
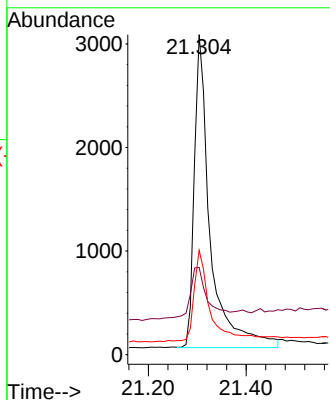
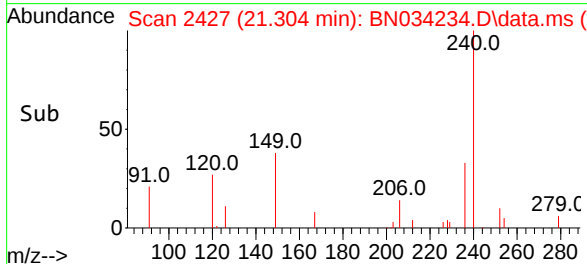
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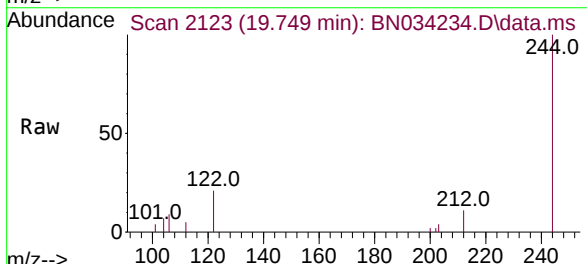
Tgt Ion:240 Resp: 6827
Ion Ratio Lower Upper
240 100
120 27.3 13.5 20.3
236 32.6 23.4 35.0

Manual Integrations
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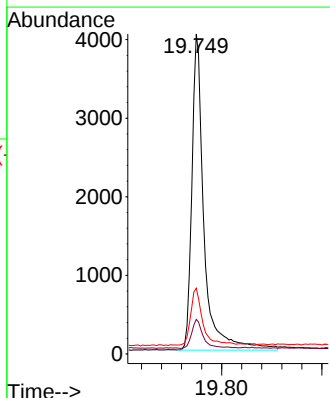
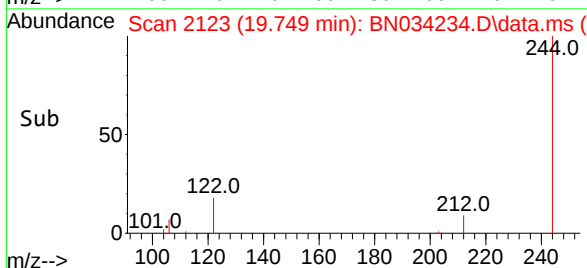
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

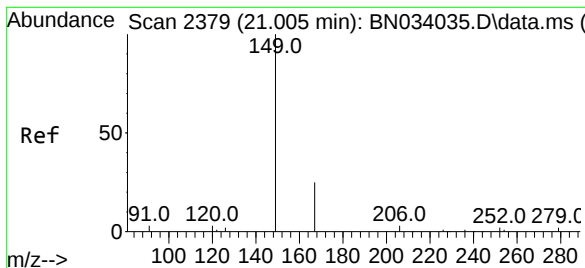


#31
Terphenyl-d14
Concen: 0.496 ng m
RT: 19.749 min Scan# 2123
Delta R.T. 0.245 min
Lab File: BN034234.D
Acq: 25 Sep 2024 20:46



Tgt Ion:244 Resp: 6759
Ion Ratio Lower Upper
244 100
212 10.8 7.8 11.6
122 20.5 14.8 22.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.203 ng m

RT: 21.223 min Scan# 2418

Delta R.T. 0.218 min

Lab File: BN034234.D

Acq: 25 Sep 2024 20:46

Instrument :

BNA_N

ClientSampleId :

RE134D2-20240919

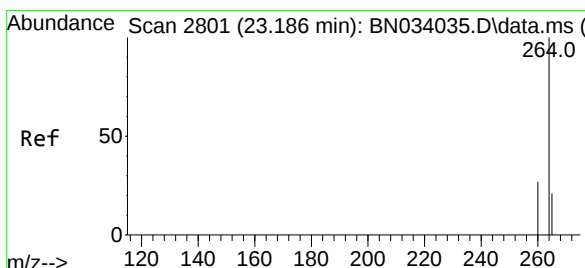
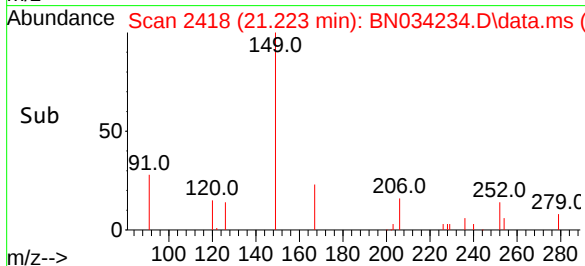
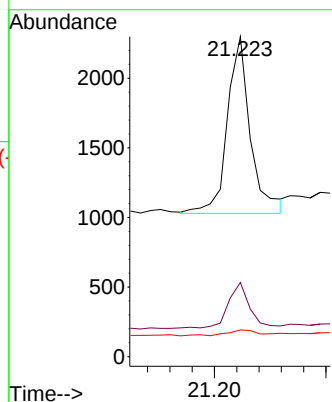
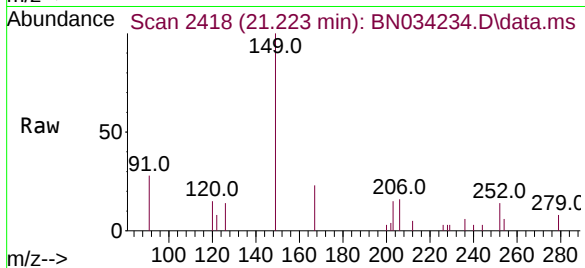
Tgt Ion:149	Resp:	182
Ion Ratio	Lower	Upper
149	100	
167	13.0	19.9
279	17.7	4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :mohammad ahmed 09/26/2024



#35

Perylene-d12

Concen: 0.400 ng m

RT: 23.557 min Scan# 2944

Delta R.T. 0.371 min

Lab File: BN034234.D

Acq: 25 Sep 2024 20:46

Tgt Ion:264	Resp:	5516
Ion Ratio	Lower	Upper
264	100	
260	26.7	21.7
265	227.9	52.1

