

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034230.D
 Acq On : 25 Sep 2024 18:21
 Operator : RC/JU
 Sample : P4164-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D-20240919

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

Quant Time: Sep 26 00:48:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 00:48:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	5609m	0.400	ng	0.07
7) Naphthalene-d8	10.255	136	14797	0.400	ng	# 0.06
13) Acenaphthene-d10	14.137	164	7998	0.400	ng	0.05
19) Phenanthrene-d10	16.883	188	15665	0.400	ng	# 0.04
29) Chrysene-d12	21.089	240	11638	0.400	ng	# 0.03
35) Perylene-d12	23.236	264	9391	0.400	ng	# 0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.141	112	2381	0.150	ng	0.07
5) Phenol-d6	6.701	99	1215	0.066	ng	0.07
8) Nitrobenzene-d5	8.643	82	3340	0.295	ng	0.07
11) 2-Methylnaphthalene-d10	11.856	152	6736	0.308	ng	0.06
14) 2,4,6-Tribromophenol	15.642	330	277	0.076	ng	0.05
15) 2-Fluorobiphenyl	12.758	172	9780	0.301	ng	0.05
27) Fluoranthene-d10	18.922	212	15564	0.394	ng	0.04
31) Terphenyl-d14	19.536	244	10381	0.447	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	2350	0.335	ng	# 77

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

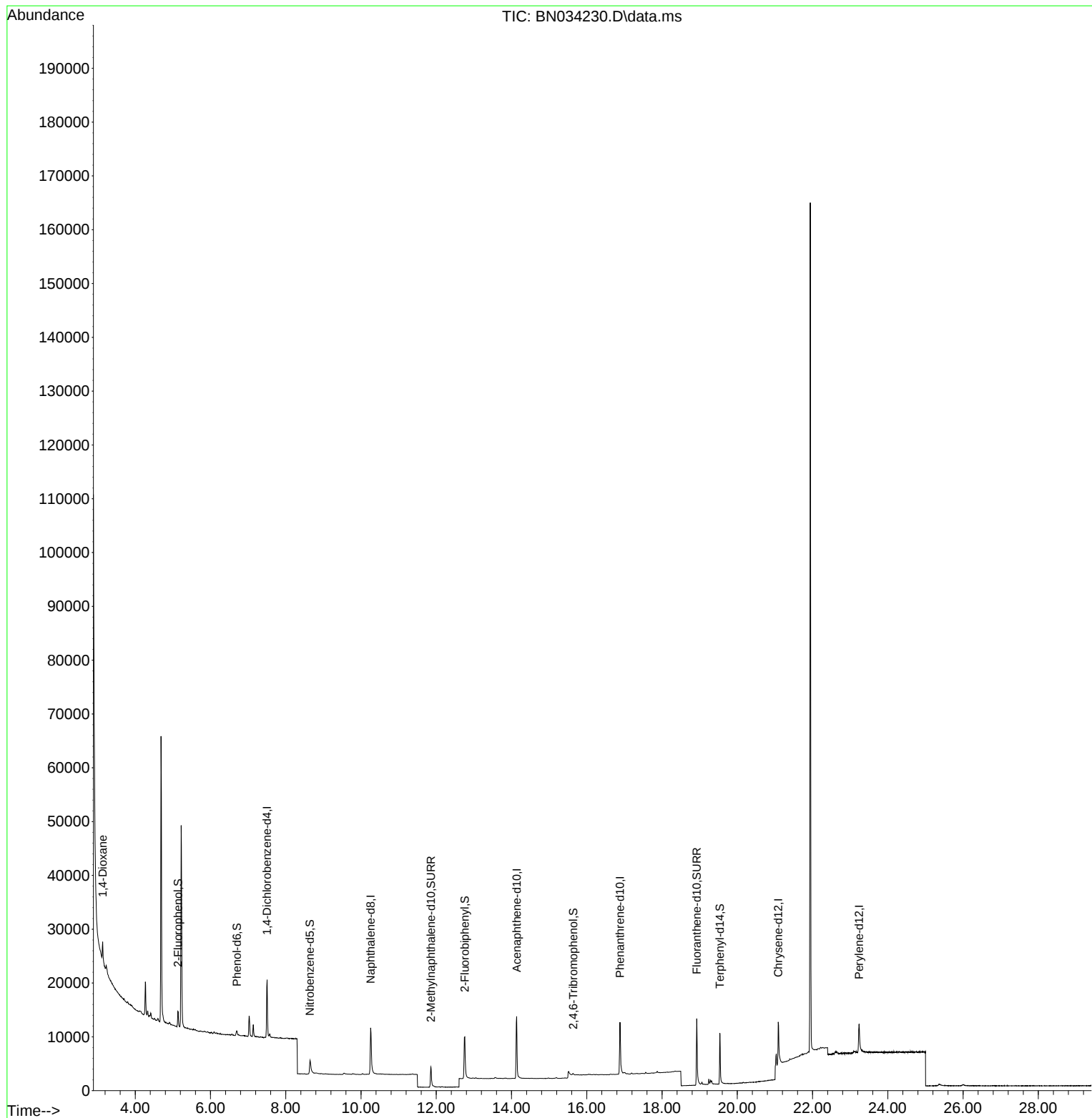
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
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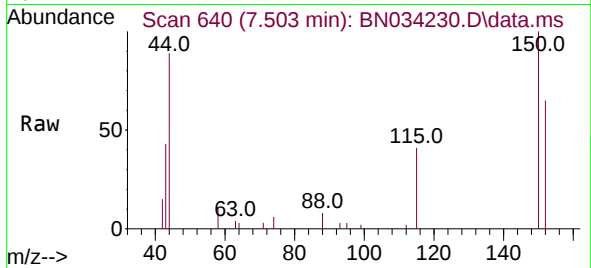
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.503 min Scan# 64
 Delta R.T. 0.066 min
 Lab File: BN034230.D
 Acq: 25 Sep 2024 18:21

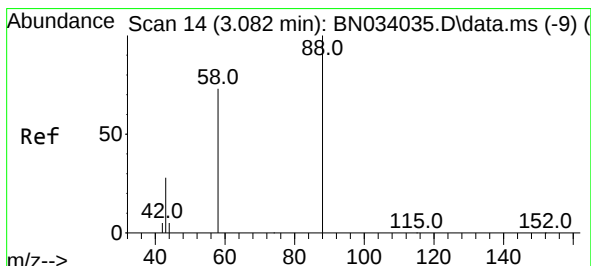
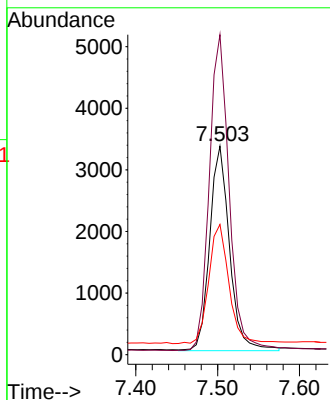
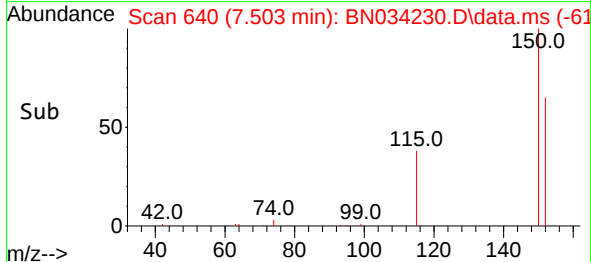
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D-20240919



Tgt Ion:152 Resp: 5609
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.6 187.0
 115 62.5 50.0 75.0

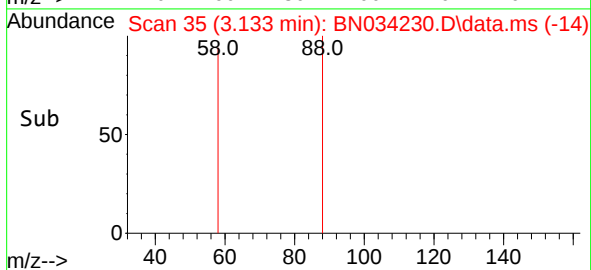
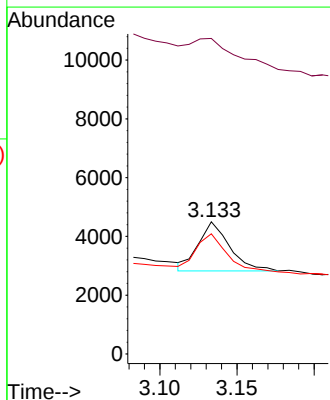
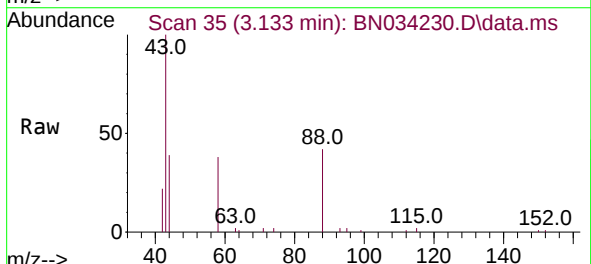
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#2
 1,4-Dioxane
 Concen: 0.335 ng
 RT: 3.133 min Scan# 35
 Delta R.T. 0.052 min
 Lab File: BN034230.D
 Acq: 25 Sep 2024 18:21

Tgt Ion: 88 Resp: 2350
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.8 38.8#
 58 80.4 58.8 88.2





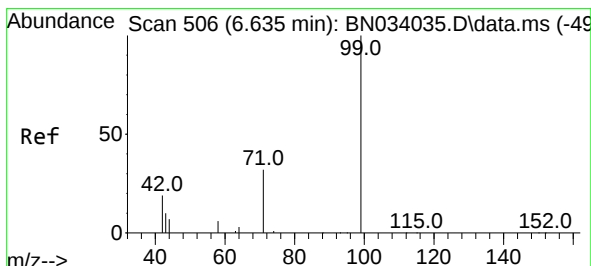
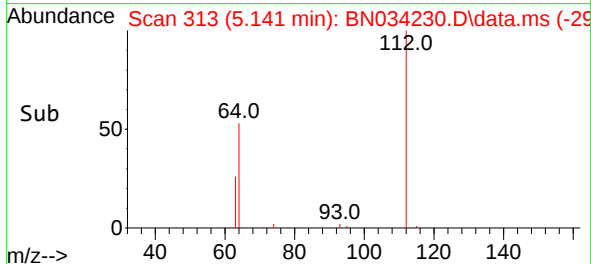
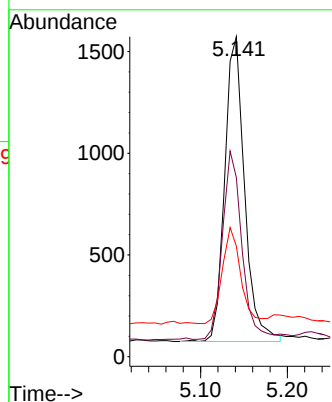
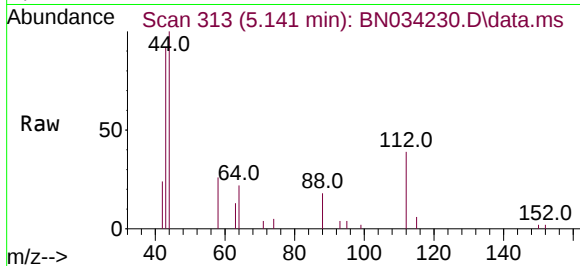
#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.141 min Scan# 313
Delta R.T. 0.066 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:112 Resp: 238
Ion Ratio Lower Upper
112 100
64 60.2 48.6 72.8
63 29.0 25.6 38.4

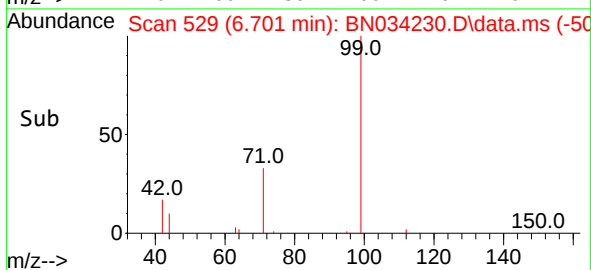
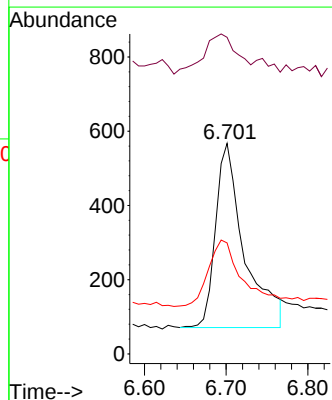
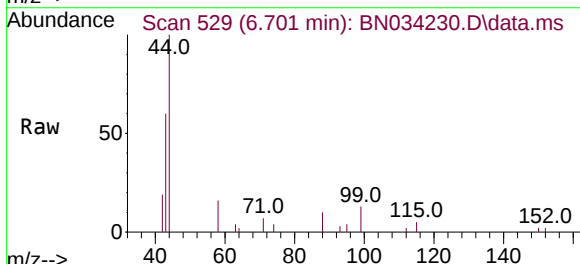
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#5
Phenol-d6
Concen: 0.066 ng
RT: 6.701 min Scan# 529
Delta R.T. 0.066 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Tgt Ion: 99 Resp: 1215
Ion Ratio Lower Upper
99 100
42 25.2 17.8 26.8
71 42.4 26.2 39.2#





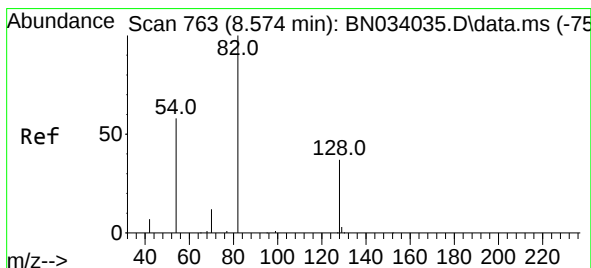
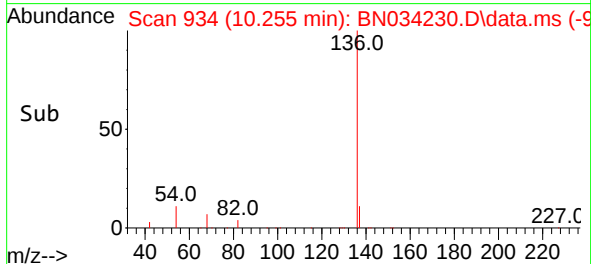
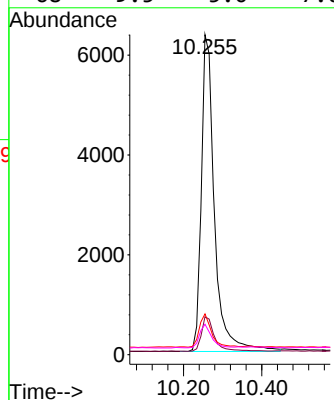
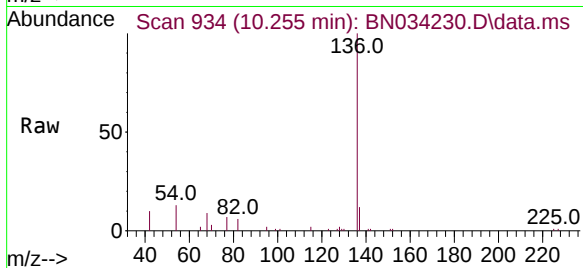
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.255 min Scan# 915
Delta R.T. 0.058 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:	136	Resp:	1479
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.6
54	12.8	6.8	10.2
68	9.5	5.0	7.6

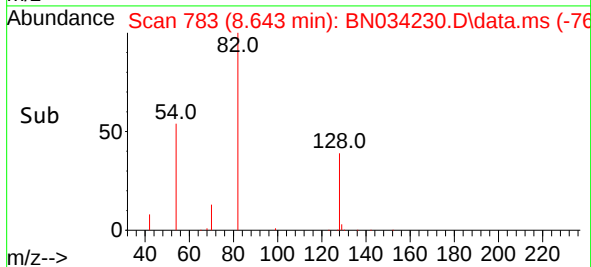
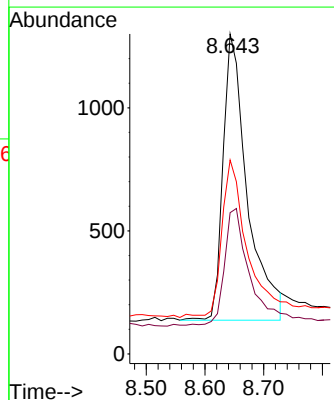
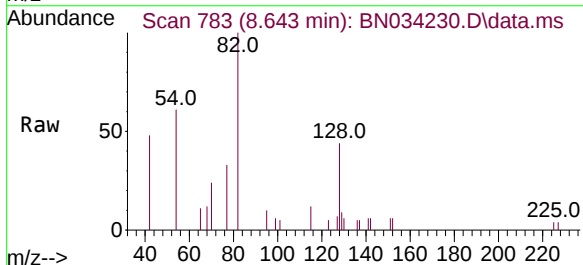
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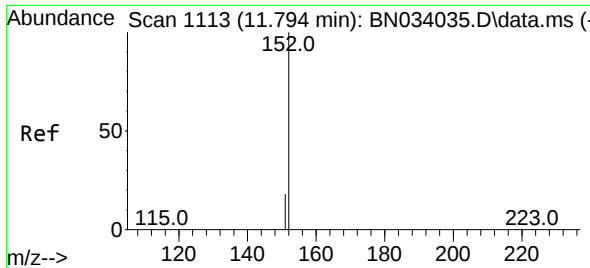
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#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.643 min Scan# 783
Delta R.T. 0.069 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

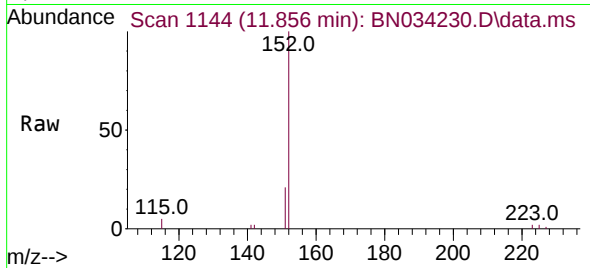
Tgt Ion:	82	Resp:	3340
Ion Ratio	Lower	Upper	
82	100		
128	44.2	31.4	47.2
54	60.6	47.4	71.0





#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.856 min Scan# 1113
Delta R.T. 0.062 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

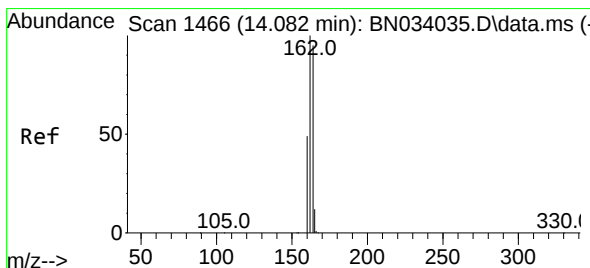
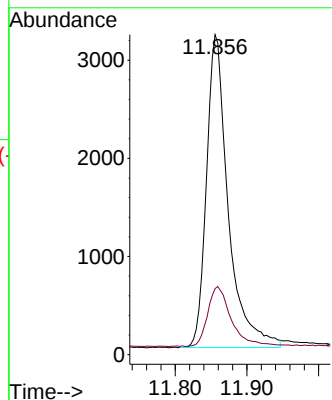
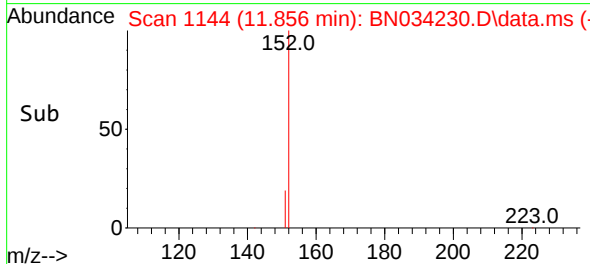
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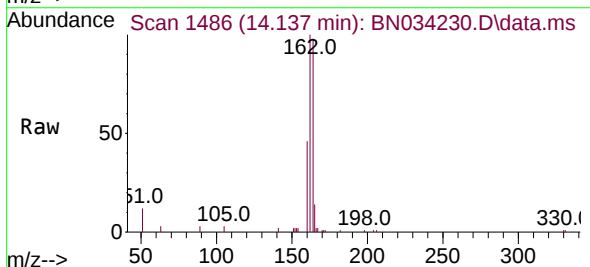
Tgt Ion:152 Resp: 6730
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2

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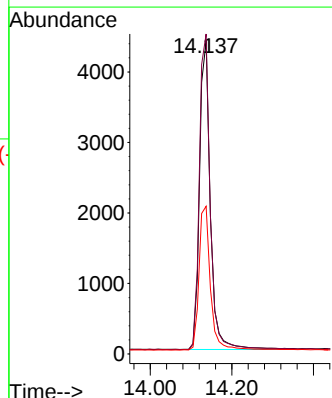
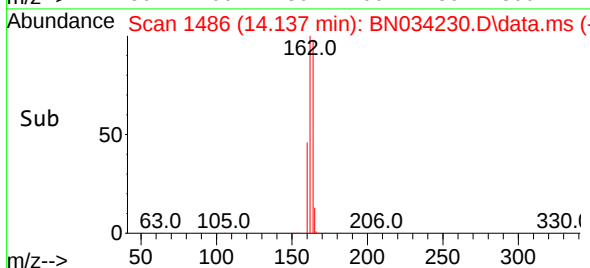
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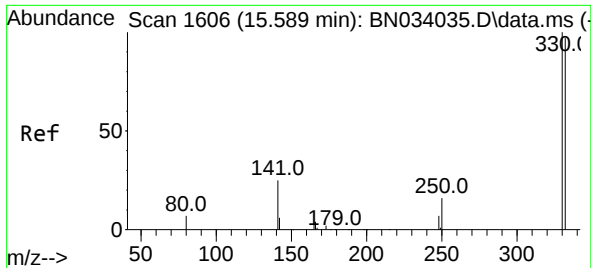


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.137 min Scan# 1486
Delta R.T. 0.055 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21



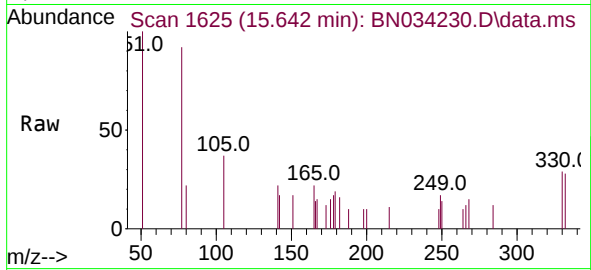
Tgt Ion:164 Resp: 7998
Ion Ratio Lower Upper
164 100
162 102.3 84.2 126.2
160 47.2 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 15.642 min Scan# 11
Delta R.T. 0.053 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

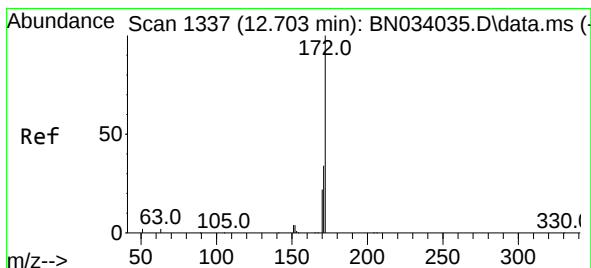
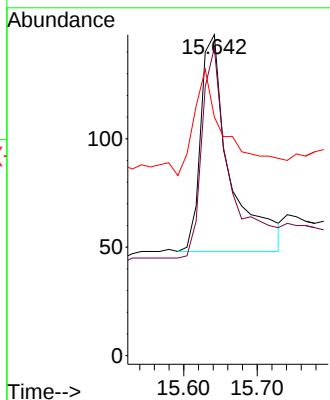
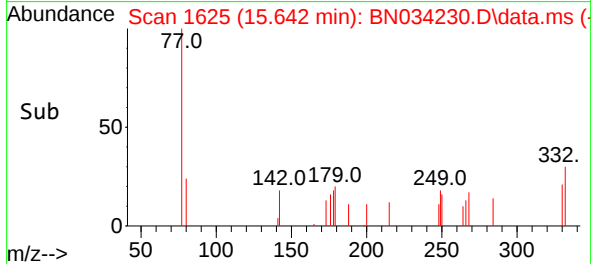
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919



Tgt Ion:330 Resp: 277
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 56.0 35.9 53.9

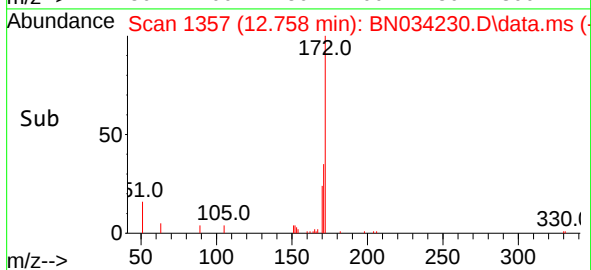
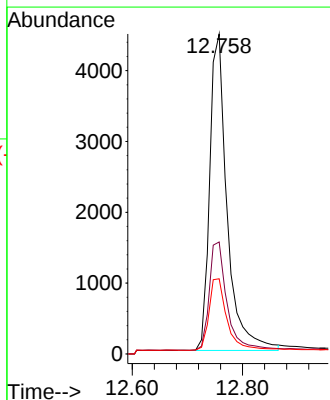
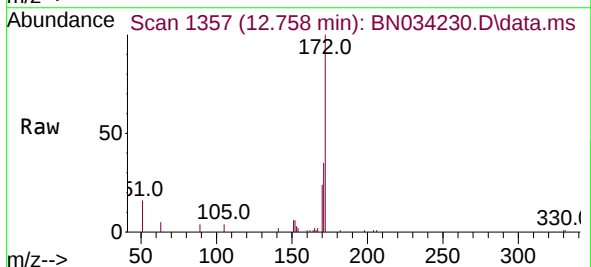
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#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.758 min Scan# 1357
Delta R.T. 0.055 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

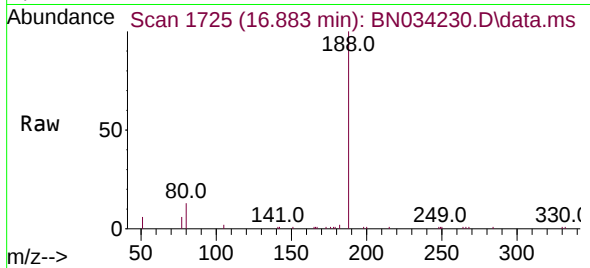
Tgt Ion:172 Resp: 9780
Ion Ratio Lower Upper
172 100
171 35.0 27.3 40.9
170 23.5 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.883 min Scan# 11
Delta R.T. 0.040 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

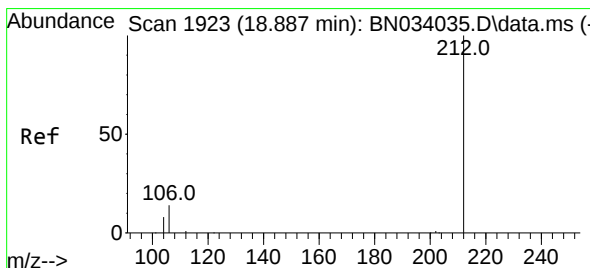
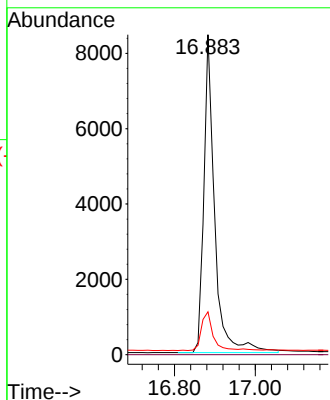
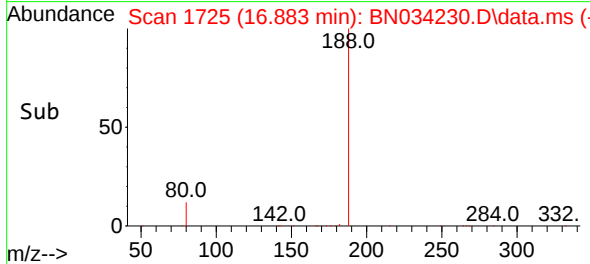
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919



Tgt Ion:188 Resp: 1566
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.4 11.0

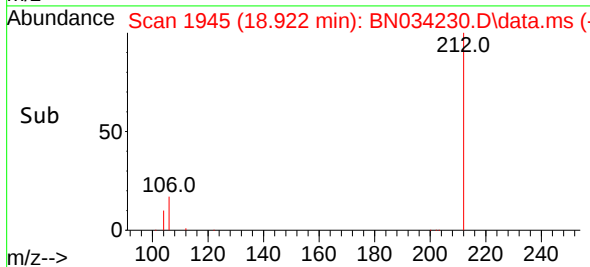
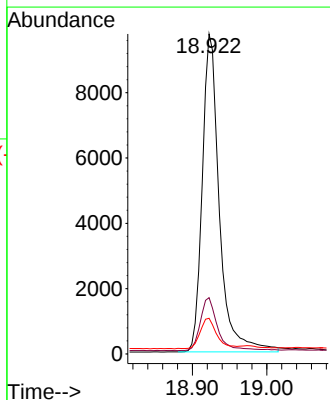
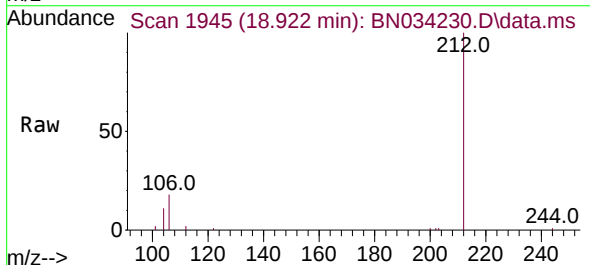
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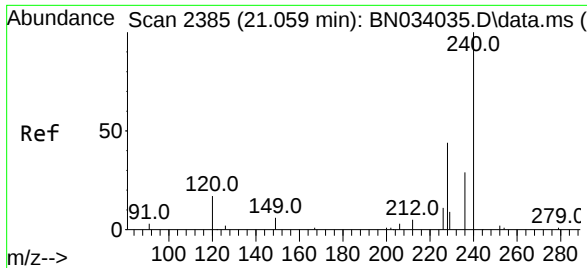
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Supervised By :mohammad ahmed 09/26/2024



#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.922 min Scan# 1945
Delta R.T. 0.036 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

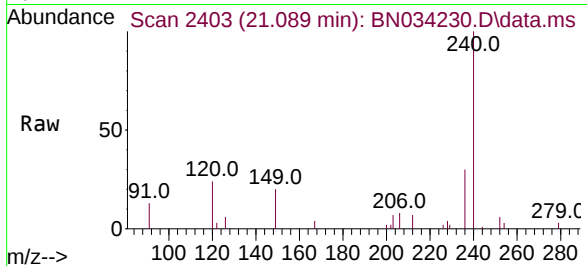
Tgt Ion:212 Resp: 15564
Ion Ratio Lower Upper
212 100
106 16.9 13.4 20.2
104 9.4 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.089 min Scan# 2403
Delta R.T. 0.030 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

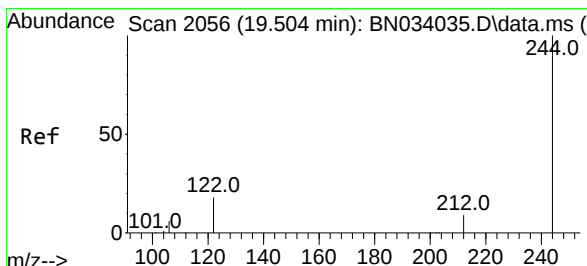
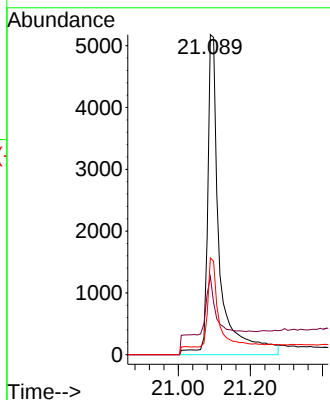
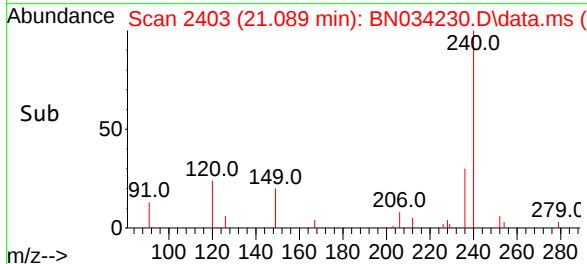
Instrument :
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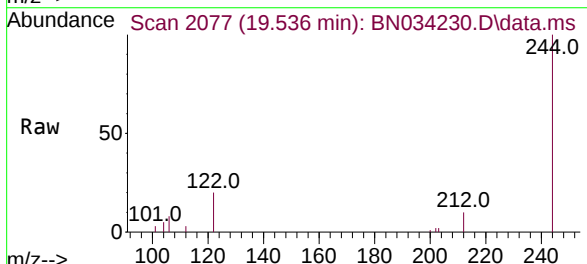
Tgt Ion:240 Resp: 11638
Ion Ratio Lower Upper
240 100
120 24.4 13.5 20.3
236 30.2 23.4 35.0

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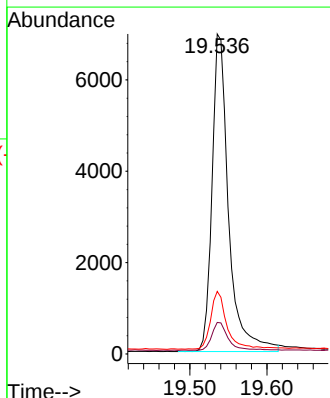
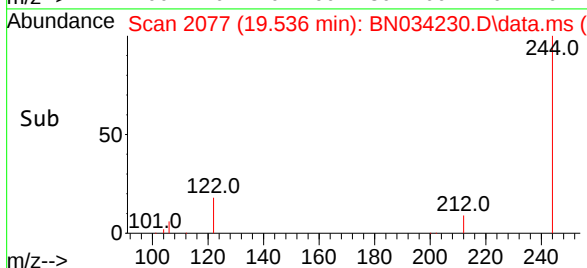
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

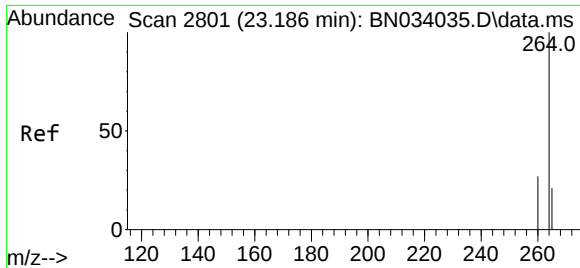


#31
Terphenyl-d14
Concen: 0.447 ng
RT: 19.536 min Scan# 2077
Delta R.T. 0.031 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21



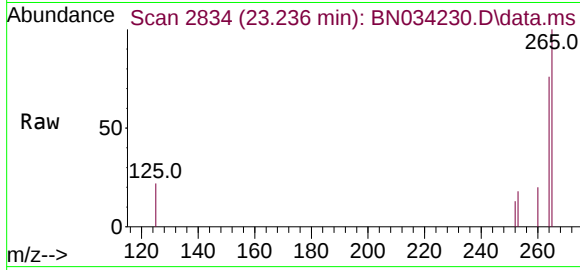
Tgt Ion:244 Resp: 10381
Ion Ratio Lower Upper
244 100
212 9.9 7.8 11.6
122 19.5 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.236 min Scan# 21
 Delta R.T. 0.050 min
 Lab File: BN034230.D
 Acq: 25 Sep 2024 18:21

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D-20240919



Tgt Ion:264 Resp: 939
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.7 32.5
 265 132.1 52.1 78.1

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