

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034166.D
 Acq On : 23 Sep 2024 14:55
 Operator : JU/RC
 Sample : P4116-25DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20240918DL

Quant Time: Sep 23 15:35:24 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

Manual Integrations
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Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	4948	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	13401	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8231	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	16904	0.400	ng	0.00
29) Chrysene-d12	21.053	240	10710	0.400	ng	0.00
35) Perylene-d12	23.171	264	8703	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.061	112	685	0.049	ng	-0.01
5) Phenol-d6	6.629	99	374	0.023	ng	0.00
8) Nitrobenzene-d5	8.578	82	685	0.067	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	1466	0.074	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	188	0.050	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	2585m	0.077	ng	0.00
27) Fluoranthene-d10	18.876	212	3833	0.090	ng	-0.01
31) Terphenyl-d14	19.494	244	2344	0.110	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	8956	1.448	ng	# 84

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

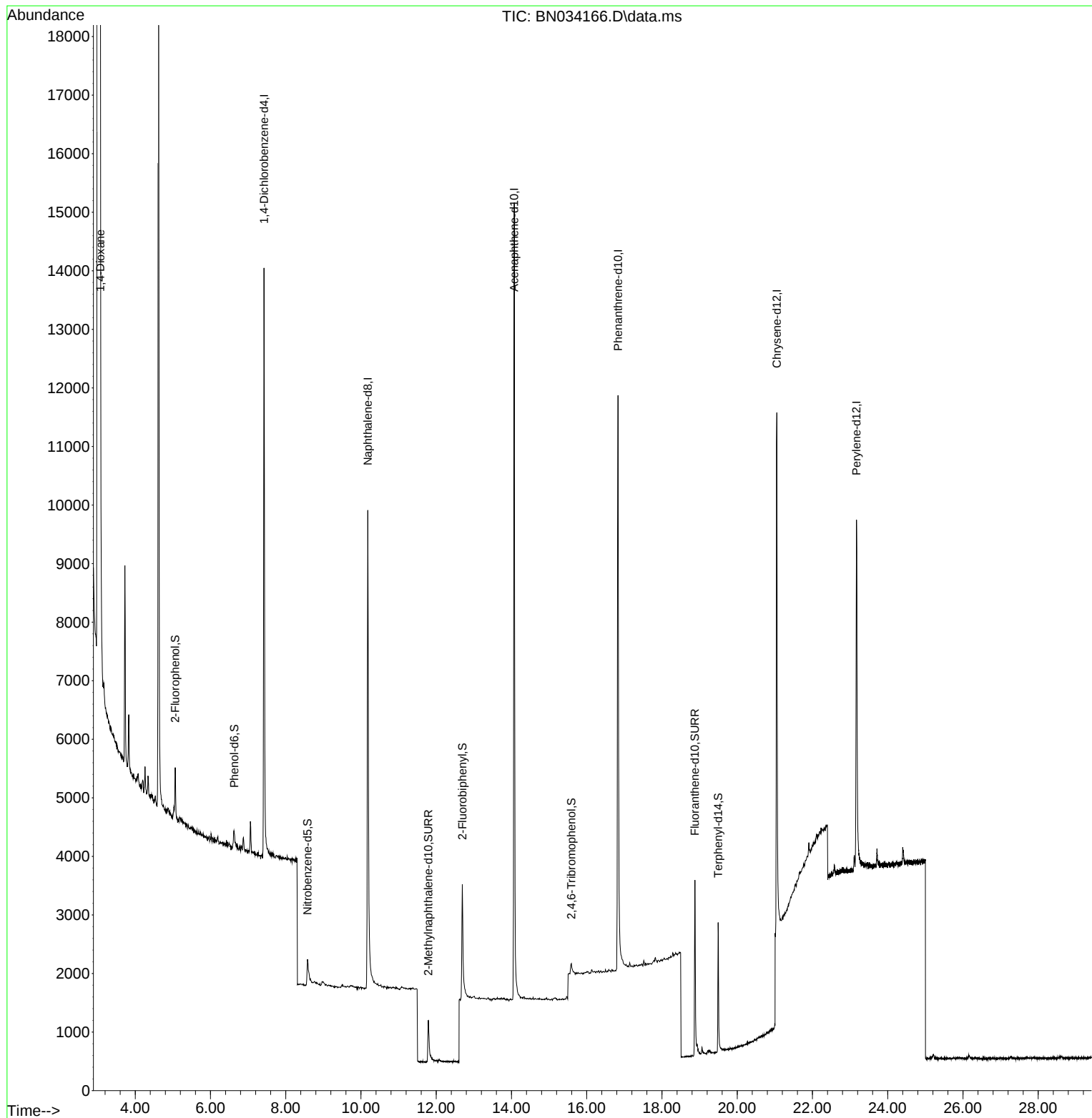
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034166.D
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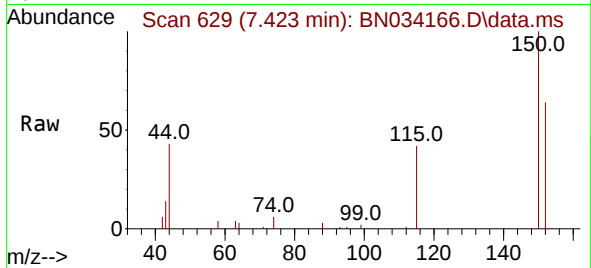
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

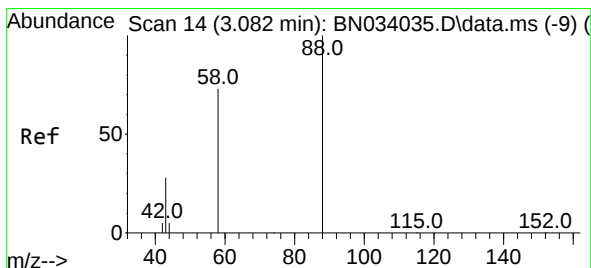
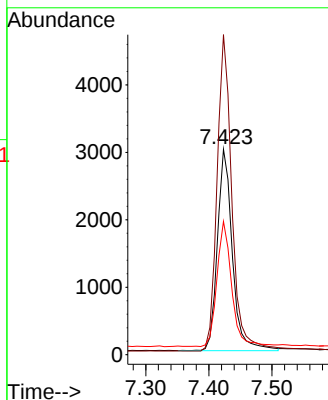
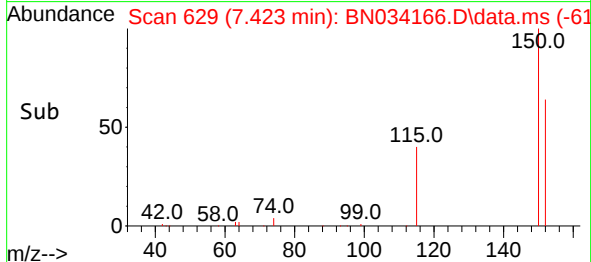
Instrument :
BNA_N
ClientSampleId :
RE132D6-20240918DL



Tgt Ion:152 Resp: 4948
Ion Ratio Lower Upper
152 100
150 155.7 124.6 187.0
115 64.9 50.0 75.0

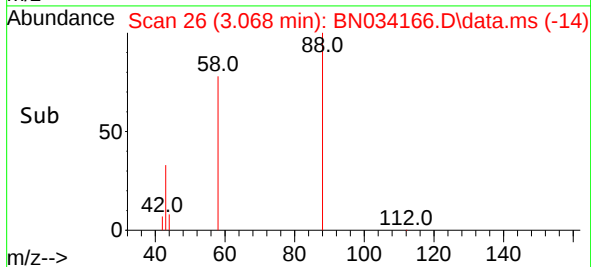
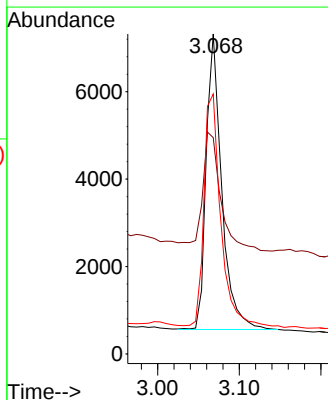
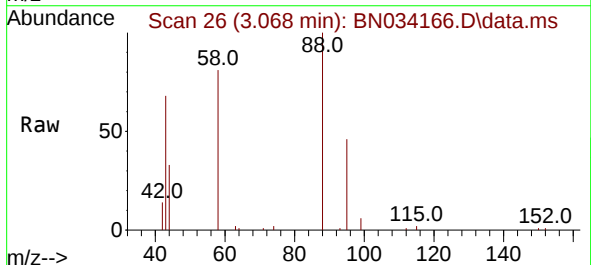
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#2
1,4-Dioxane
Concen: 1.448 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

Tgt Ion: 88 Resp: 8956
Ion Ratio Lower Upper
88 100
43 46.5 25.8 38.8
58 84.1 58.8 88.2





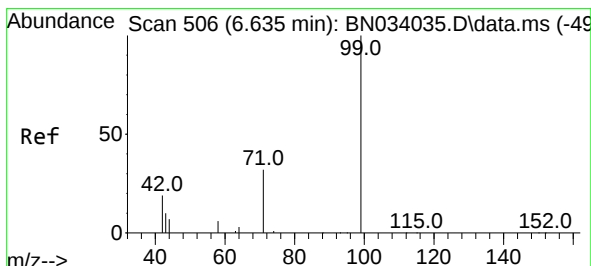
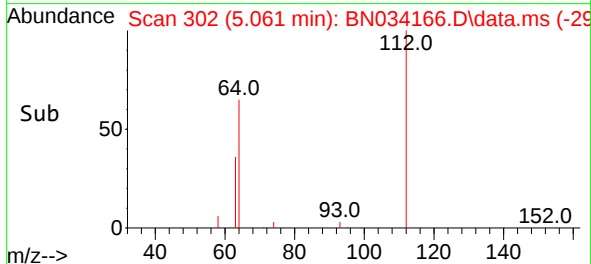
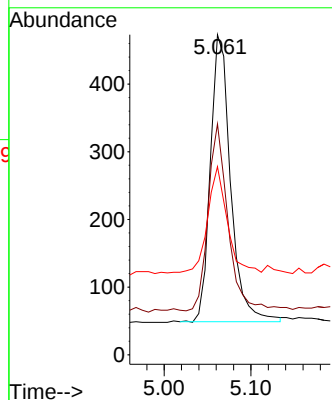
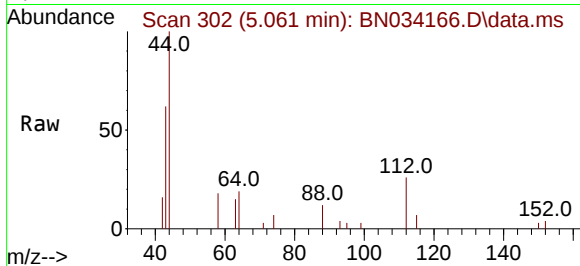
#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.061 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

Instrument :
BNA_N
ClientSampleId :
RE132D6-20240918DL

Tgt Ion: 112 Resp: 689
Ion Ratio Lower Upper
112 100
64 64.4 48.6 72.8
63 35.6 25.6 38.4

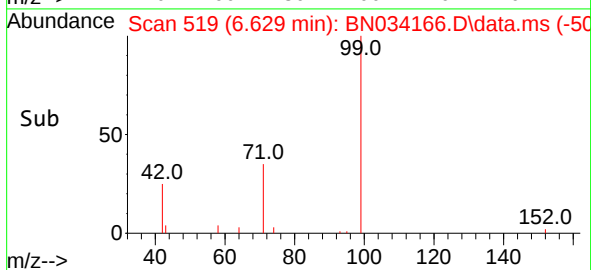
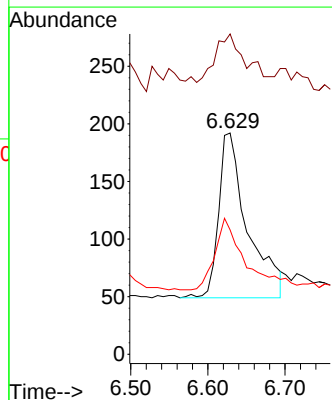
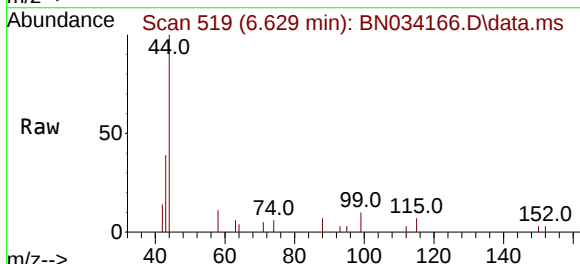
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Supervised By :mohammad ahmed 09/25/2024



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

Tgt Ion: 99 Resp: 374
Ion Ratio Lower Upper
99 100
42 29.4 17.8 26.8#
71 43.3 26.2 39.2#





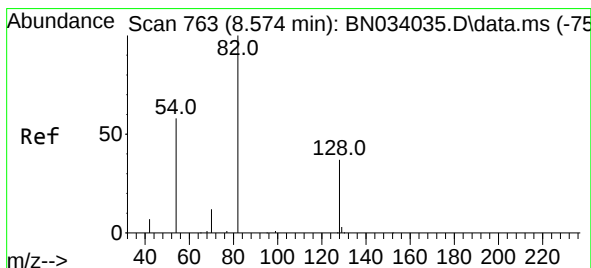
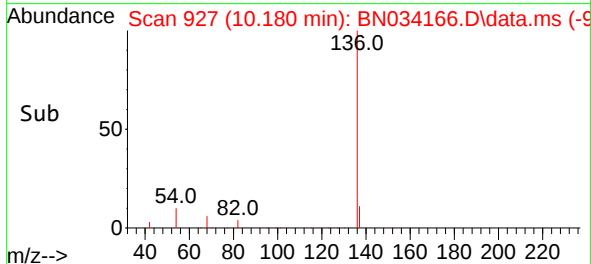
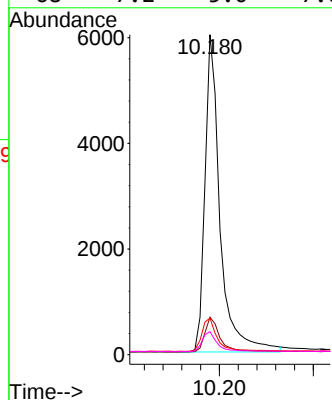
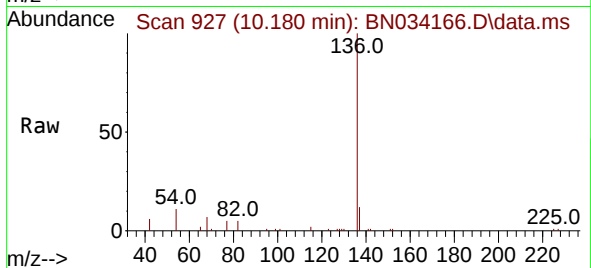
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

Instrument :
BNA_N
ClientSampleId :
RE132D6-20240918DL

Tgt Ion:136 Resp: 1340
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 11.5 6.8 10.2
68 7.2 5.0 7.6

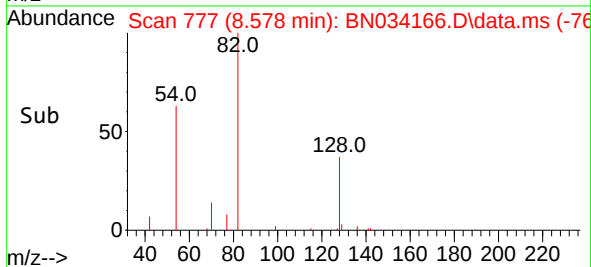
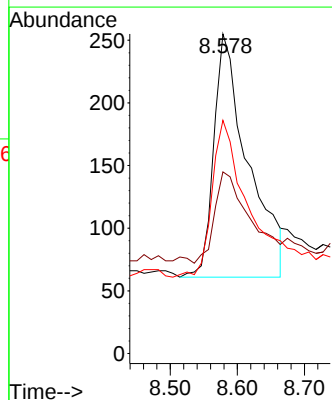
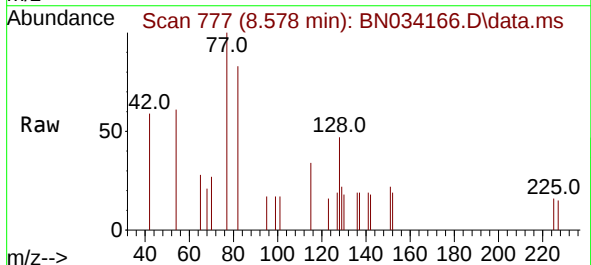
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#8
Nitrobenzene-d5
Concen: 0.067 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.004 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

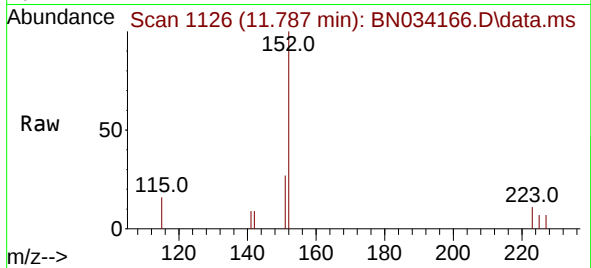
Tgt Ion: 82 Resp: 685
Ion Ratio Lower Upper
82 100
128 56.9 31.4 47.2#
54 72.9 47.4 71.0#





#11
2-Methylnaphthalene-d10
Concen: 0.074 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

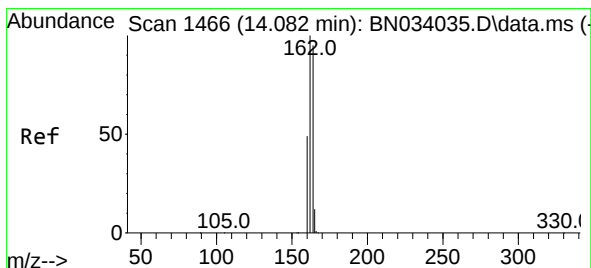
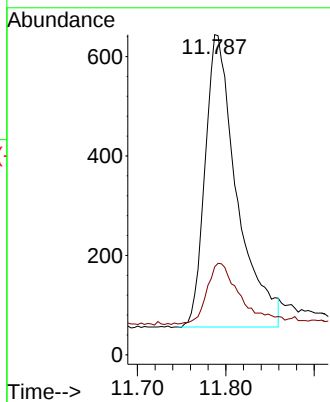
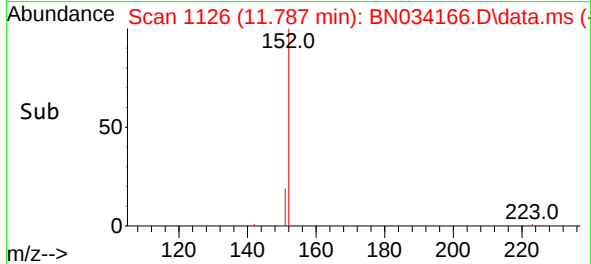
Instrument :
BNA_N
ClientSampleId :
RE132D6-20240918DL



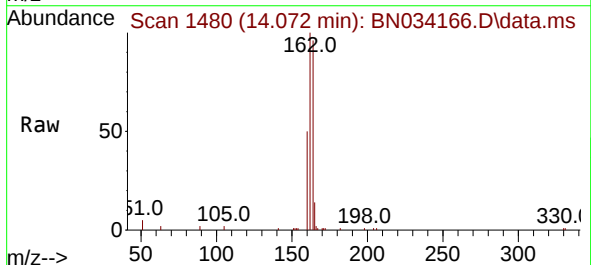
Tgt Ion:152 Resp: 1460
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2

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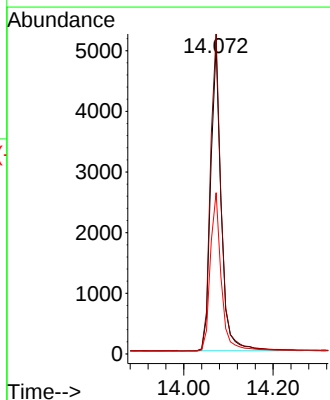
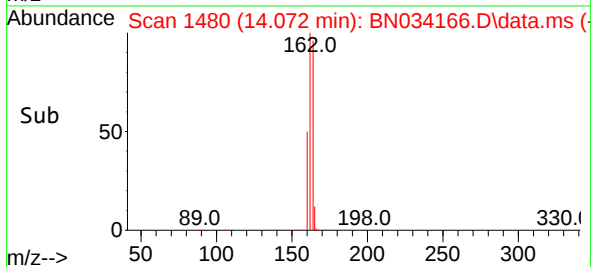
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55



Tgt Ion:164 Resp: 8231
Ion Ratio Lower Upper
164 100
162 104.0 84.2 126.2
160 52.4 41.7 62.5





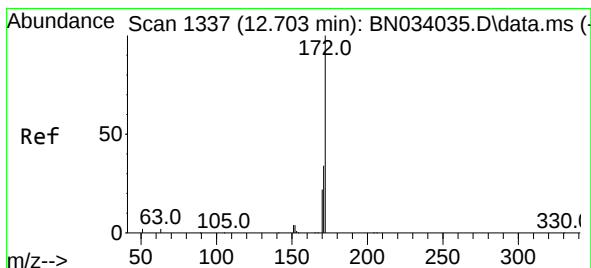
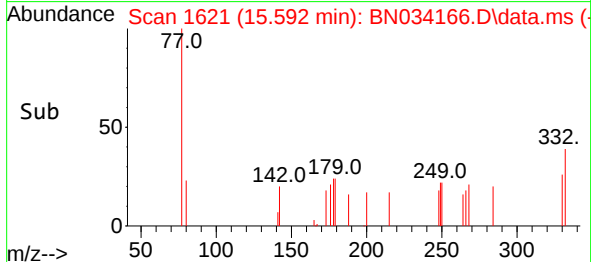
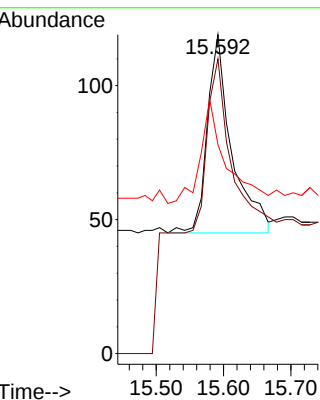
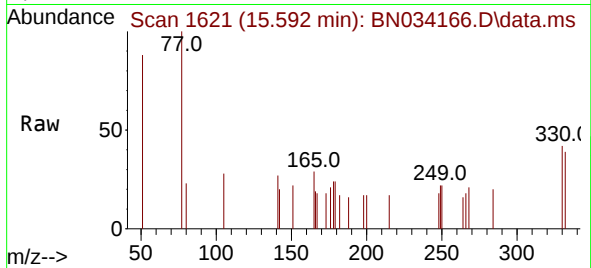
#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 15.592 min Scan# 1606
Delta R.T. 0.003 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

Instrument :
BNA_N
ClientSampleId :
RE132D6-20240918DL

Tgt Ion:330 Resp: 188
Ion Ratio Lower Upper
330 100
332 87.2 77.4 116.0
141 54.8 35.9 53.9

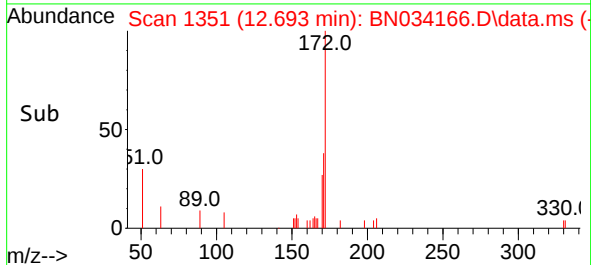
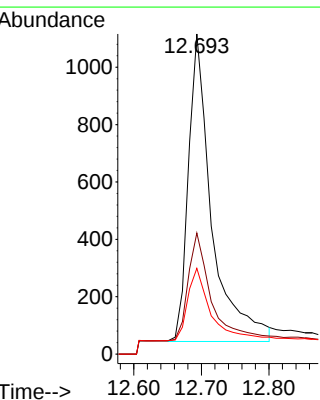
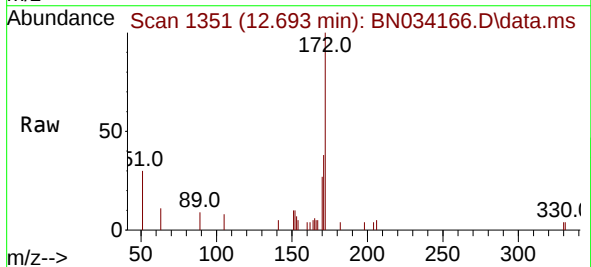
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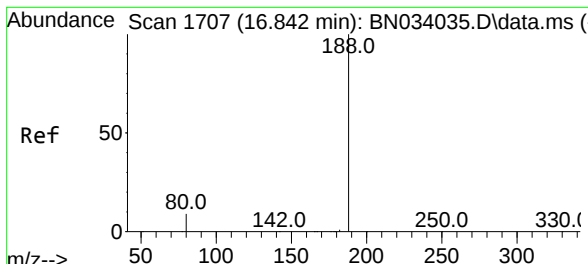
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#15
2-Fluorobiphenyl
Concen: 0.077 ng m
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

Tgt Ion:172 Resp: 2585
Ion Ratio Lower Upper
172 100
171 37.8 27.3 40.9
170 26.8 18.1 27.1





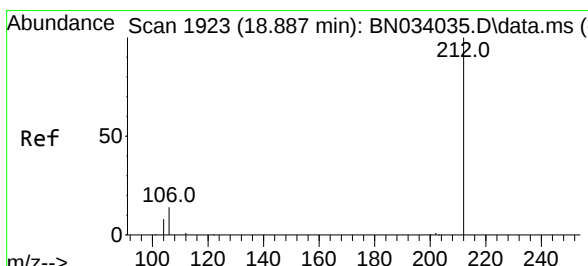
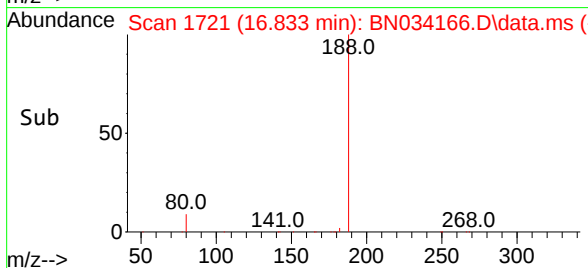
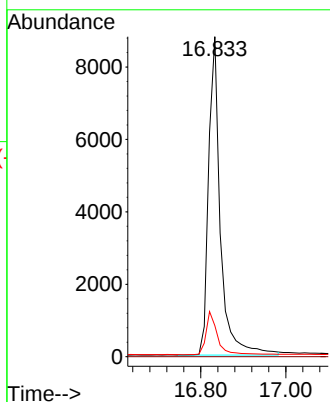
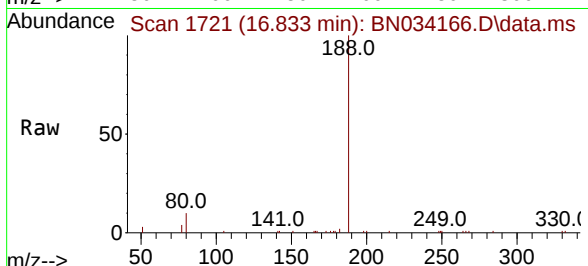
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

Instrument :
BNA_N
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RE132D6-20240918DL

Tgt Ion:	188	Resp:	16904
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.0

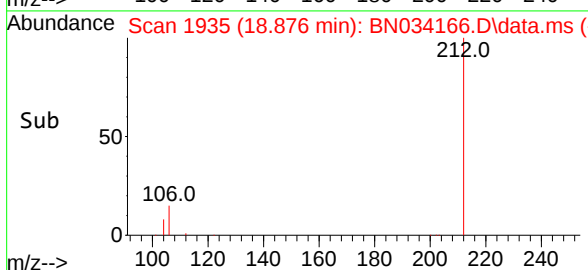
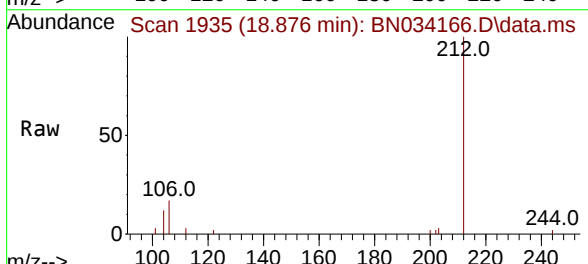
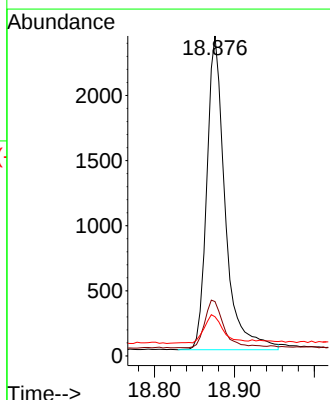
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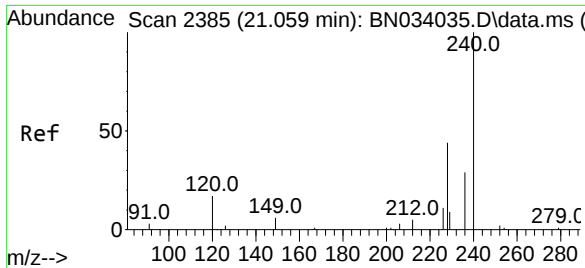
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#27
Fluoranthene-d10
Concen: 0.090 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

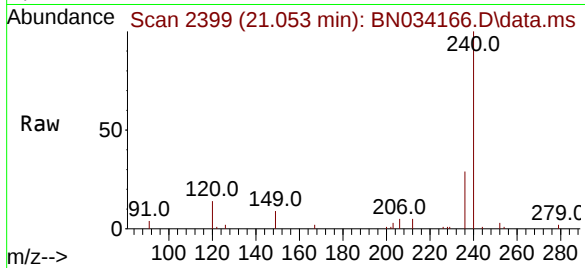
Tgt Ion:	212	Resp:	3833
Ion Ratio	Lower	Upper	
212	100		
106	15.8	13.4	20.2
104	9.8	7.8	11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55

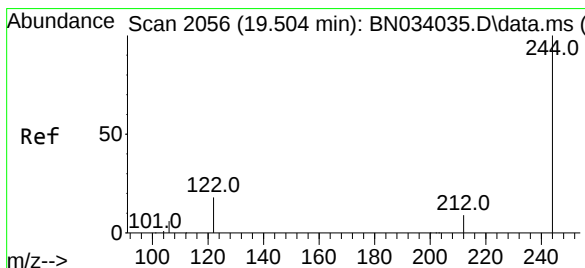
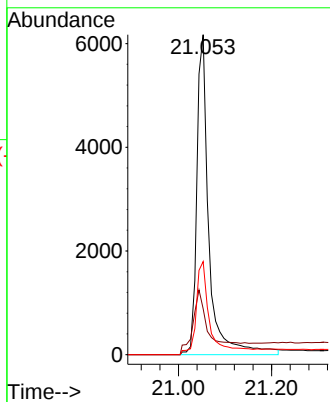
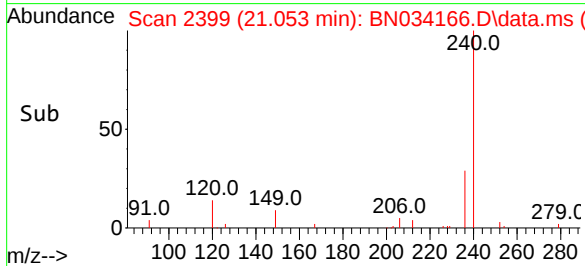
Instrument :
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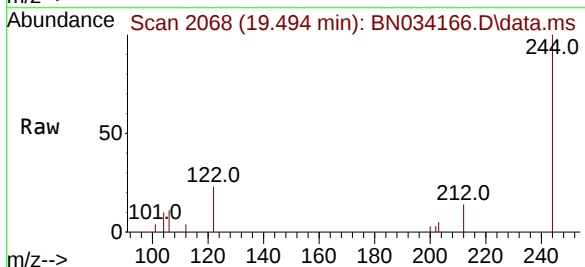
Tgt Ion:240 Resp: 10710
Ion Ratio Lower Upper
240 100
120 14.4 13.5 20.3
236 29.1 23.4 35.0

Manual Integrations
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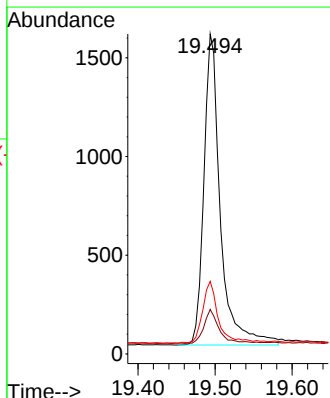
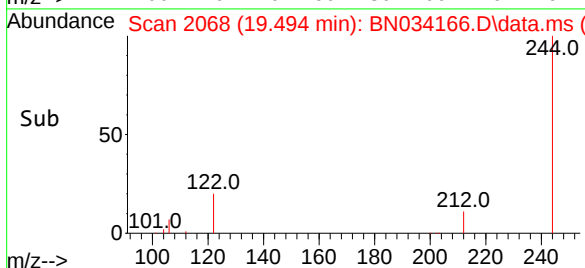
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

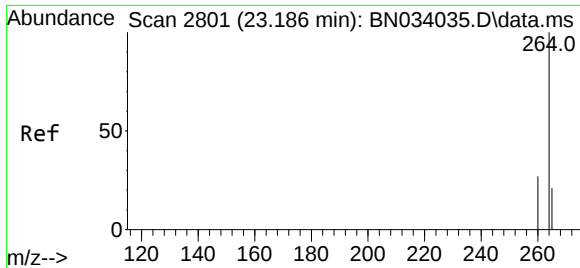


#31
Terphenyl-d14
Concen: 0.110 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034166.D
Acq: 23 Sep 2024 14:55



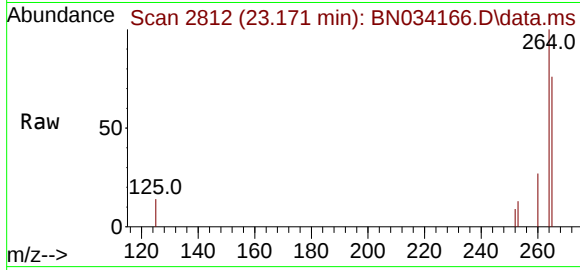
Tgt Ion:244 Resp: 2344
Ion Ratio Lower Upper
244 100
212 13.9 7.8 11.6#
122 22.7 14.8 22.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 2812
 Delta R.T. -0.015 min
 Lab File: BN034166.D
 Acq: 23 Sep 2024 14:55

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20240918DL



Tgt Ion:264 Resp: 870
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.7 32.5
 265 75.5 52.1 78.1

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