

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034165.D
 Acq On : 23 Sep 2024 14:18
 Operator : JU/RC
 Sample : P4116-17DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240917DL

Quant Time: Sep 23 14:59:40 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
 APPROVED

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	5309	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14666	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	8881	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	18540	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	11343	0.400	ng	0.00
35) Perylene-d12	23.169	264	9189	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	371	0.025	ng	-0.01
5) Phenol-d6	6.629	99	203	0.012	ng	0.00
8) Nitrobenzene-d5	8.579	82	637	0.057	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	1544	0.071	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	156	0.039	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	2622m	0.073	ng	-0.01
27) Fluoranthene-d10	18.874	212	3849	0.082	ng	-0.01
31) Terphenyl-d14	19.496	244	2426	0.107	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	12839	1.934	ng	Qvalue # 84

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

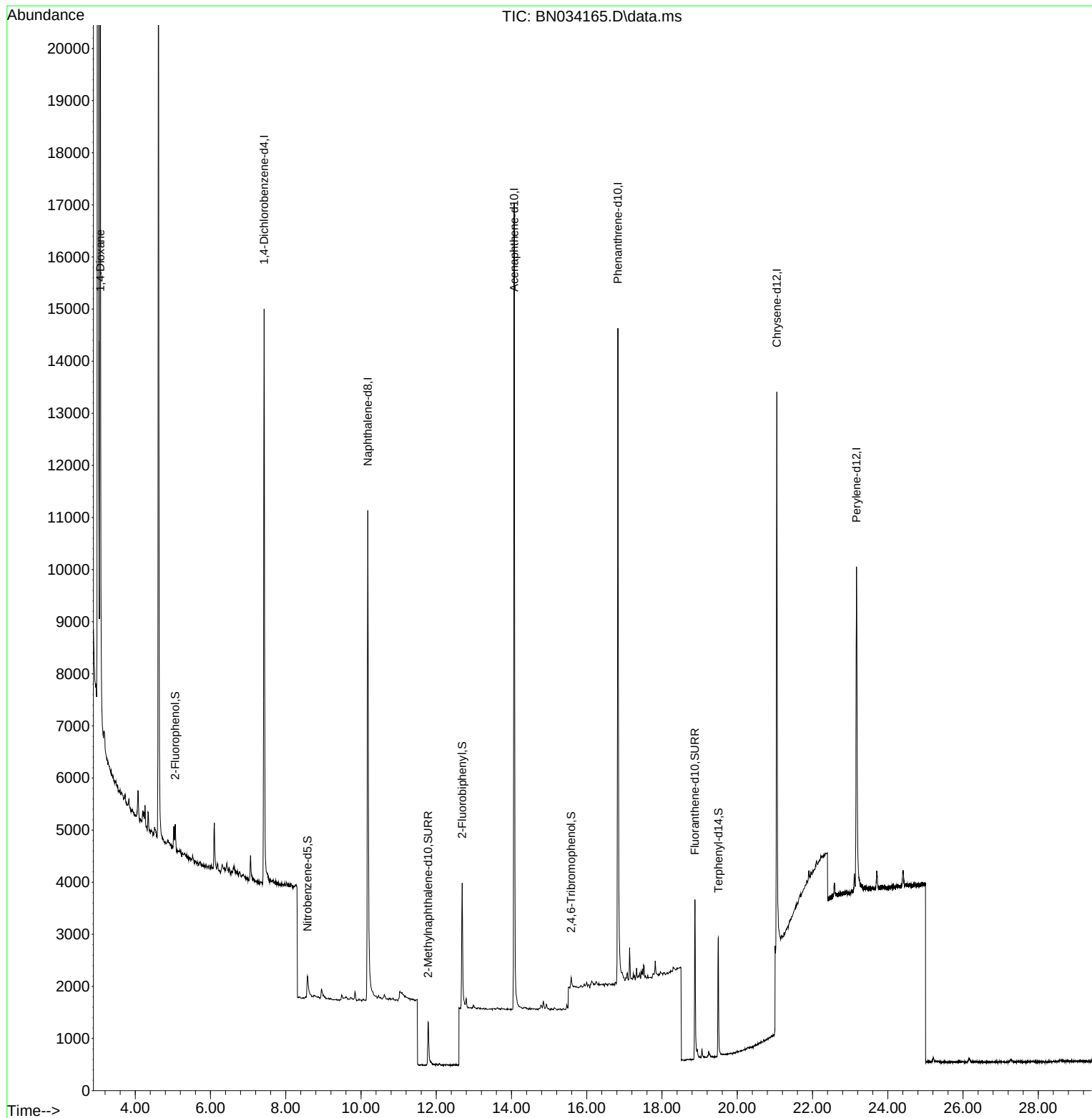
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034165.D
Acq On : 23 Sep 2024 14:18
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Sample : P4116-17DL 5X
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ALS Vial : 9 Sample Multiplier: 1

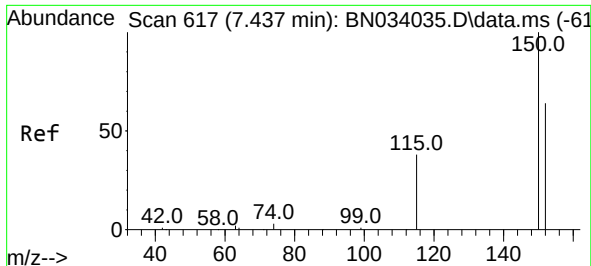
Instrument :
BNA_N
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RE131D2-20240917DL

Quant Time: Sep 23 14:59:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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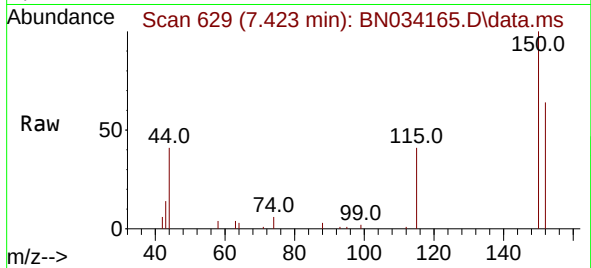
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

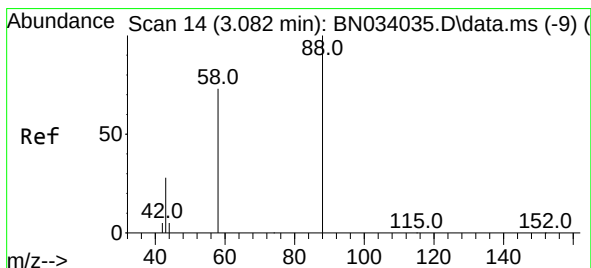
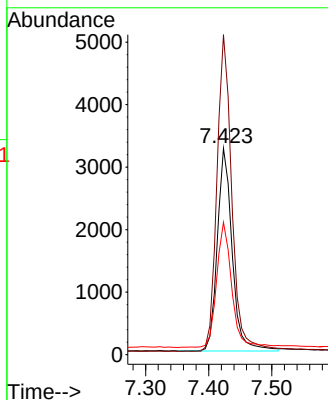
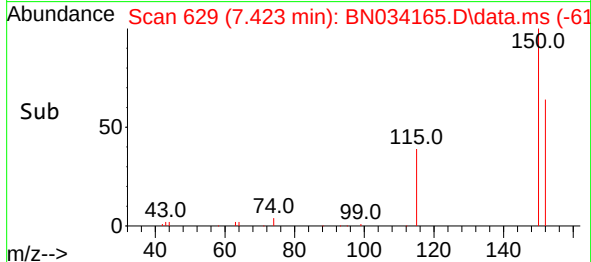
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL



Tgt Ion:152 Resp: 5309
Ion Ratio Lower Upper
152 100
150 155.1 124.6 187.0
115 64.1 50.0 75.0

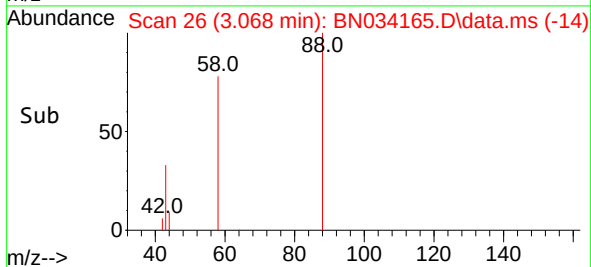
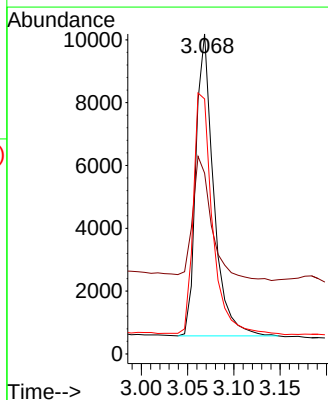
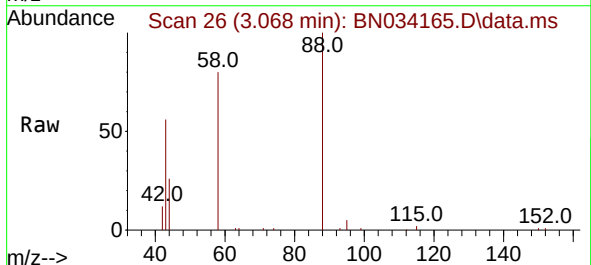
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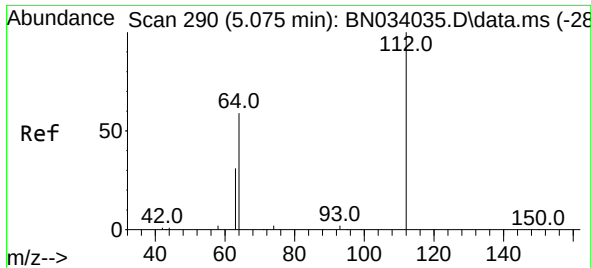
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 1.934 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

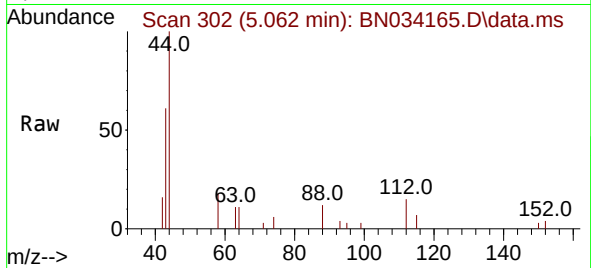
Tgt Ion: 88 Resp: 12839
Ion Ratio Lower Upper
88 100
43 44.3 25.8 38.8#
58 85.1 58.8 88.2





#4
2-Fluorophenol
Concen: 0.025 ng
RT: 5.062 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

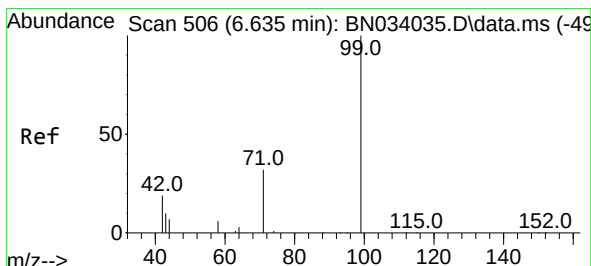
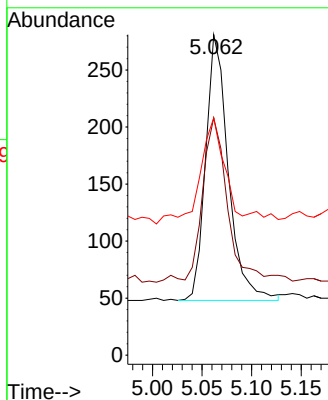
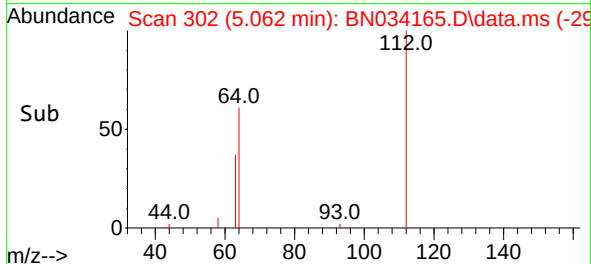
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL



Tgt Ion: 112 Resp: 372
Ion Ratio Lower Upper
112 100
64 69.5 48.6 72.8
63 43.1 25.6 38.4

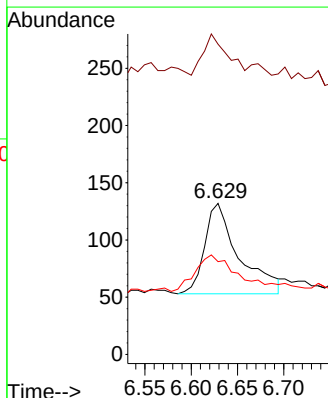
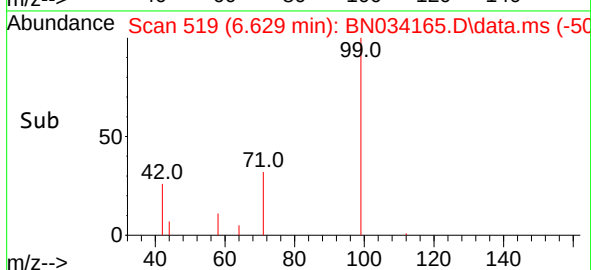
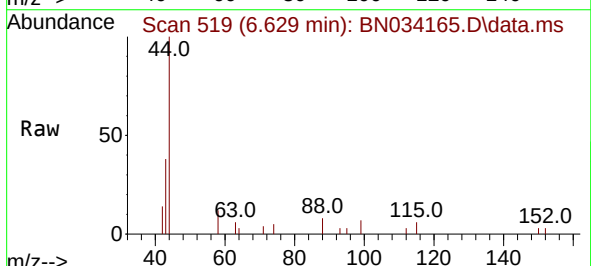
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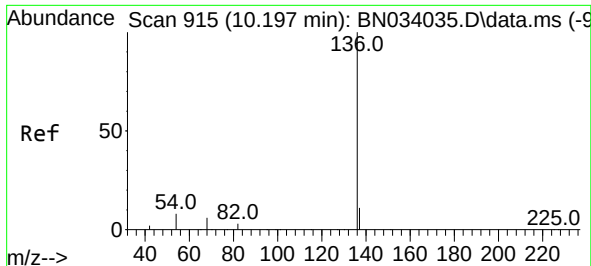
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#5
Phenol-d6
Concen: 0.012 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

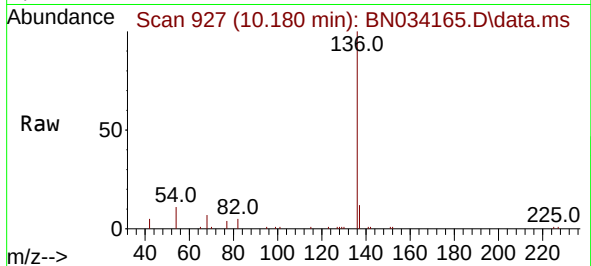
Tgt Ion: 99 Resp: 203
Ion Ratio Lower Upper
99 100
42 31.5 17.8 26.8#
71 52.2 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

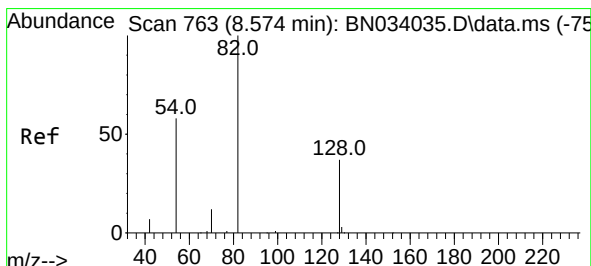
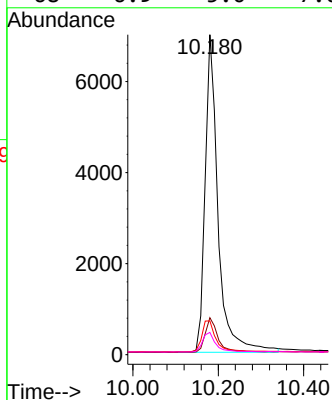
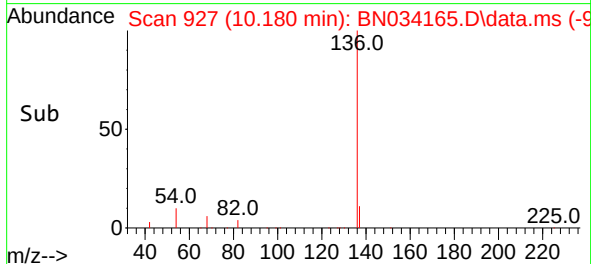
Instrument :
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ClientSampleId :
RE131D2-20240917DL



Tgt Ion:136 Resp: 14660
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.6 6.8 10.2
68 6.9 5.0 7.6

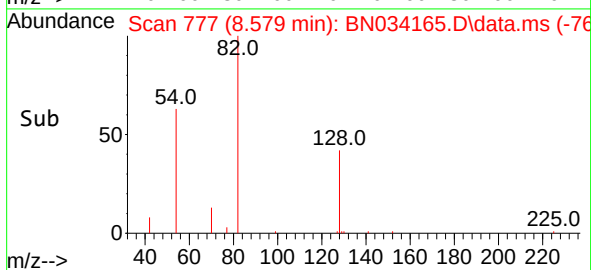
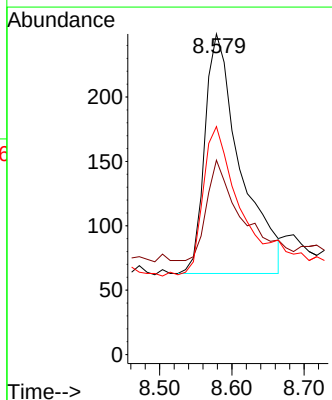
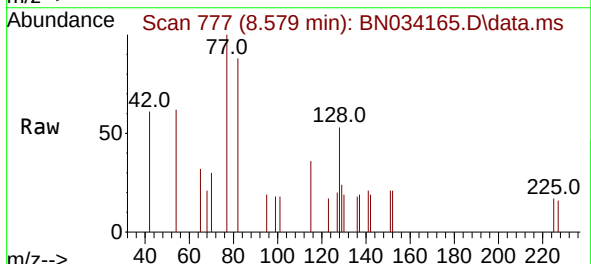
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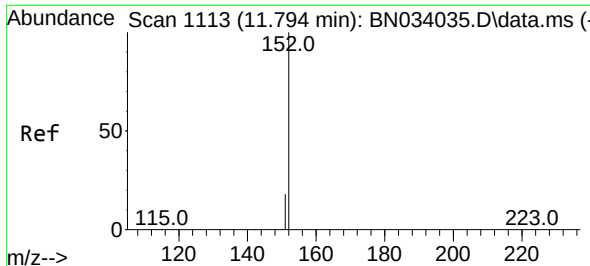
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#8
Nitrobenzene-d5
Concen: 0.057 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

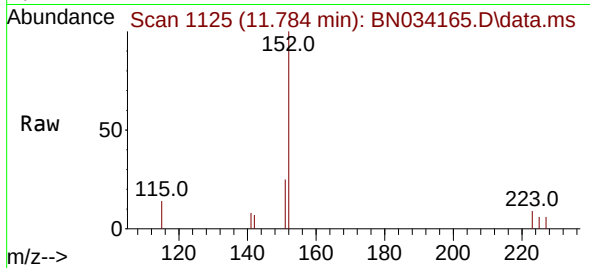
Tgt Ion: 82 Resp: 637
Ion Ratio Lower Upper
82 100
128 60.6 31.4 47.2#
54 71.1 47.4 71.0#





#11
2-Methylnaphthalene-d10
Concen: 0.071 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

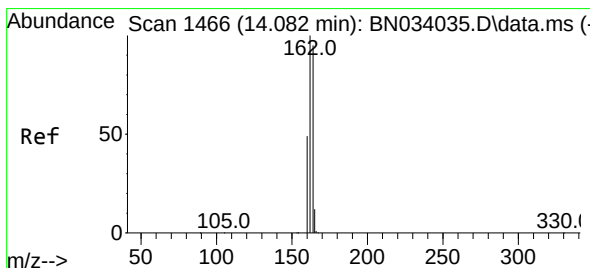
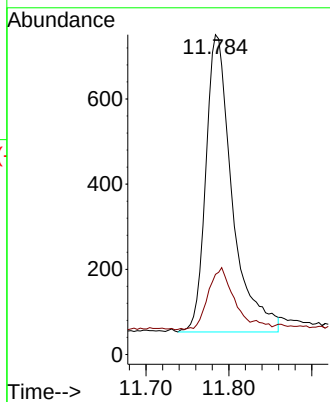
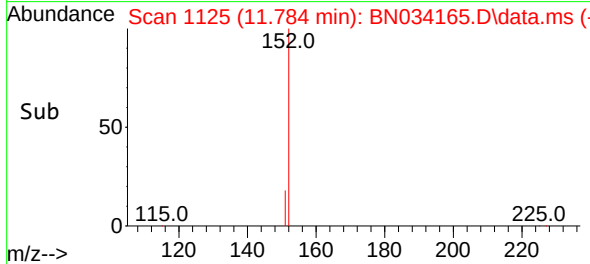
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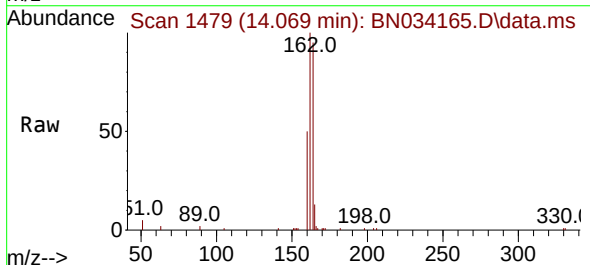
Tgt Ion:152 Resp: 1544
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

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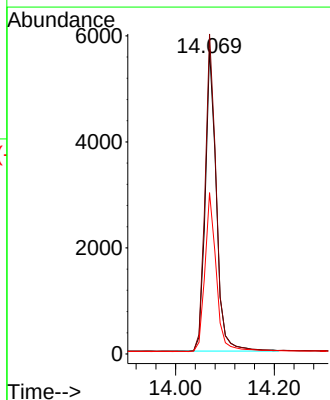
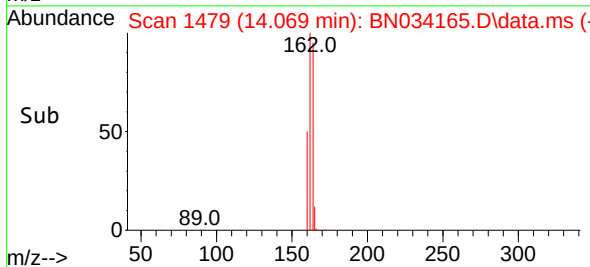
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

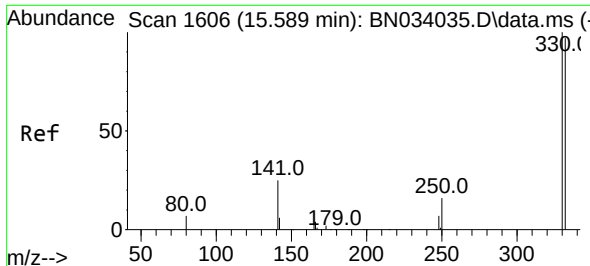


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.069 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18



Tgt Ion:164 Resp: 8881
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 52.9 41.7 62.5





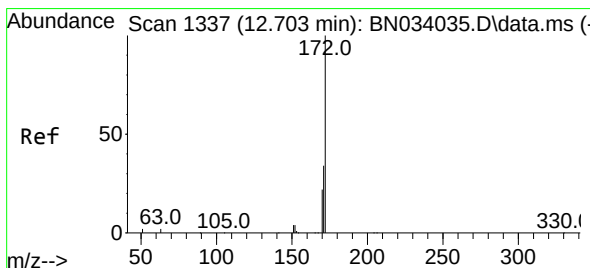
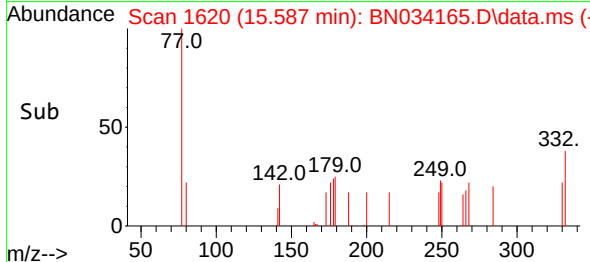
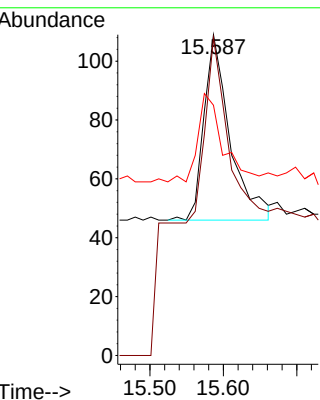
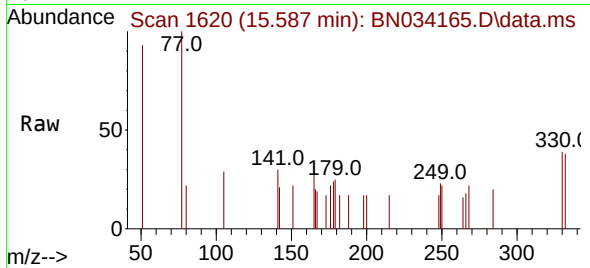
#14
2,4,6-Tribromophenol
Concen: 0.039 ng
RT: 15.587 min Scan# 10
Delta R.T. -0.002 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL

Tgt Ion:330 Resp: 150
Ion Ratio Lower Upper
330 100
332 363.5 77.4 116.0
141 45.5 35.9 53.9

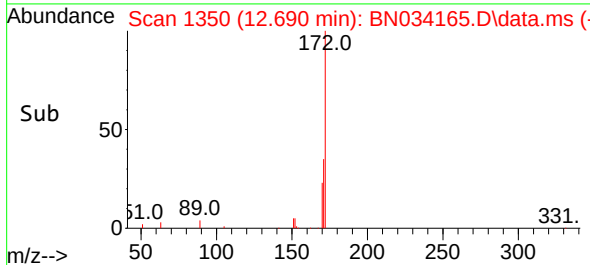
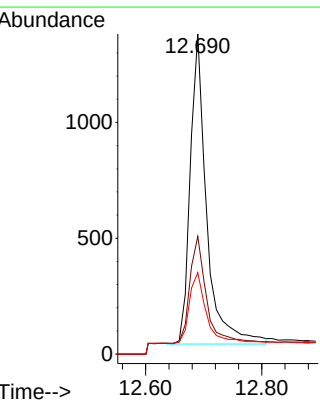
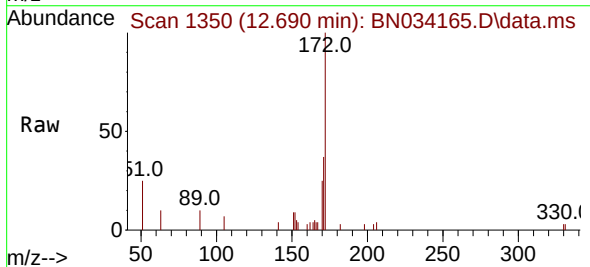
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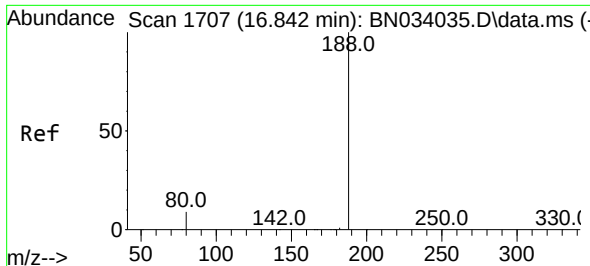
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#15
2-Fluorobiphenyl
Concen: 0.073 ng m
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

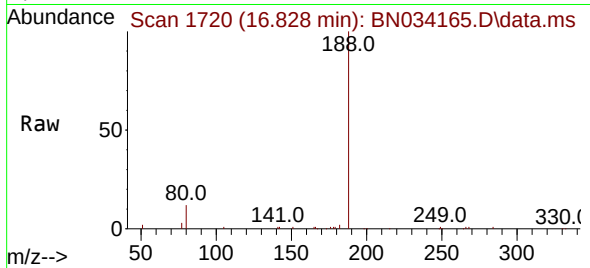
Tgt Ion:172 Resp: 2622
Ion Ratio Lower Upper
172 100
171 36.8 27.3 40.9
170 25.5 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

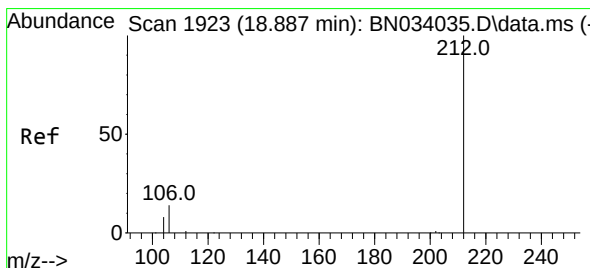
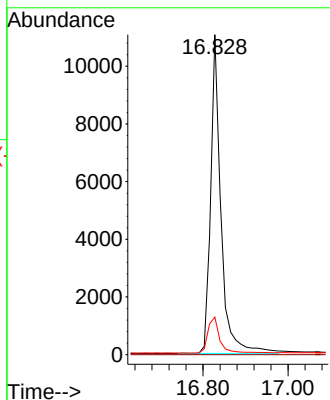
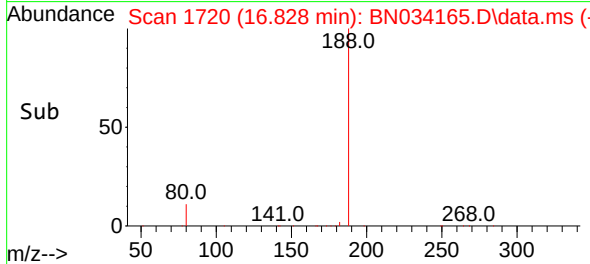
Instrument :
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RE131D2-20240917DL



Tgt Ion:188 Resp: 18540
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 7.4 11.0

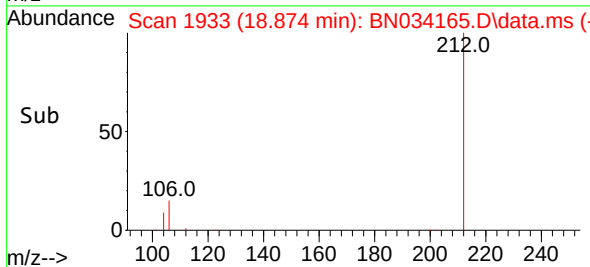
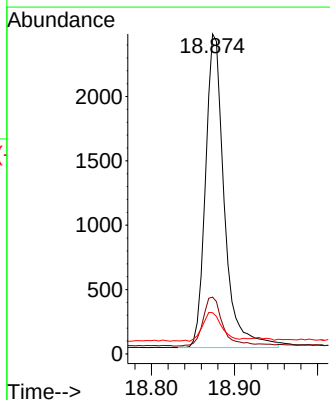
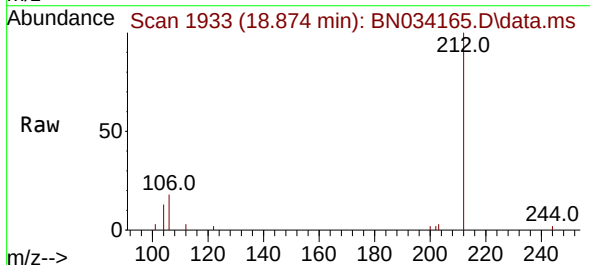
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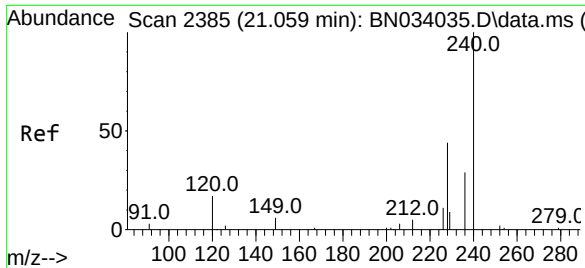
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#27
Fluoranthene-d10
Concen: 0.082 ng
RT: 18.874 min Scan# 1933
Delta R.T. -0.013 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

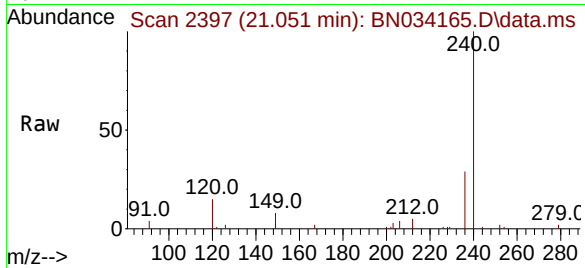
Tgt Ion:212 Resp: 3849
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.4 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.051 min Scan# 21051
Delta R.T. -0.008 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

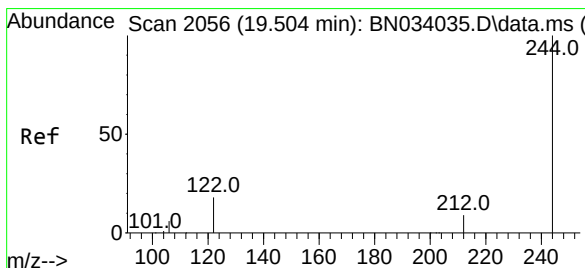
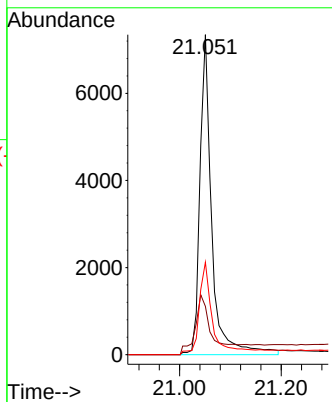
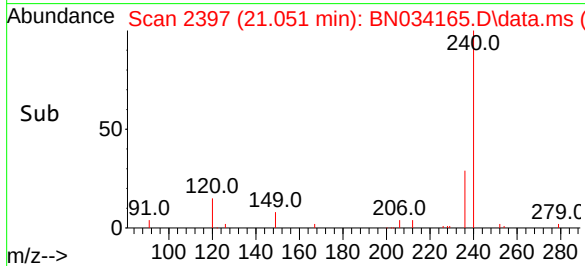
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240917DL



Tgt Ion:240 Resp: 1134
Ion Ratio Lower Upper
240 100
120 15.1 13.5 20.3
236 28.9 23.4 35.0

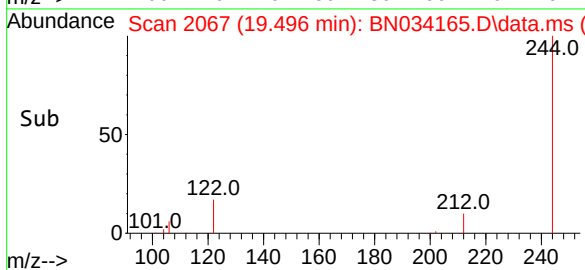
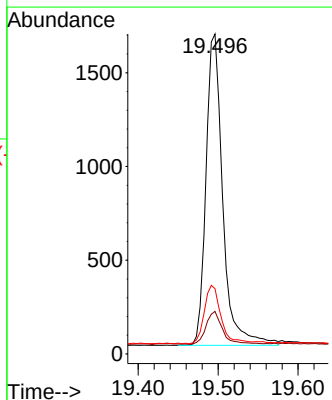
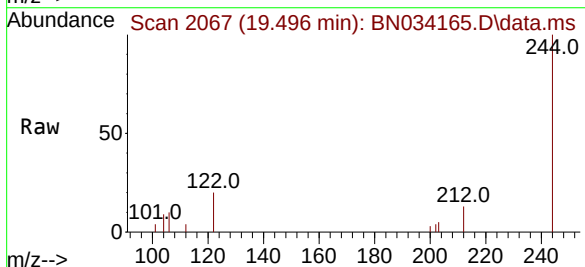
Manual Integrations
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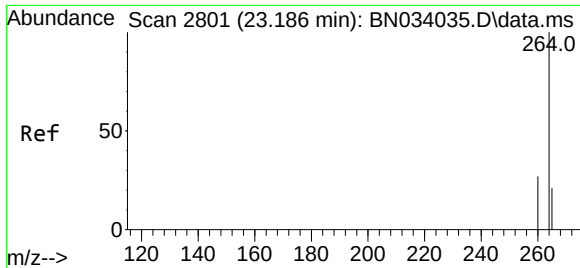
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#31
Terphenyl-d14
Concen: 0.107 ng
RT: 19.496 min Scan# 2067
Delta R.T. -0.008 min
Lab File: BN034165.D
Acq: 23 Sep 2024 14:18

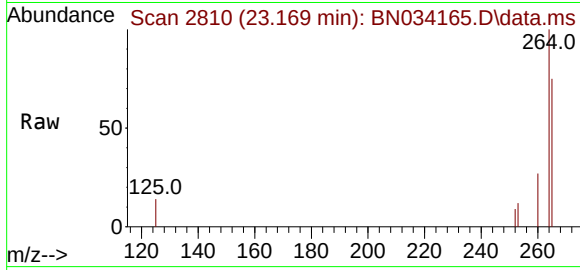
Tgt Ion:244 Resp: 2426
Ion Ratio Lower Upper
244 100
212 13.3 7.8 11.6#
122 20.4 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.169 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN034165.D
 Acq: 23 Sep 2024 14:18

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240917DL



Tgt Ion:264 Resp: 9189
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.7 32.5
 265 74.7 52.1 78.1

Manual Integrations
 APPROVED

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

