

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
 Data File : BN032613.D
 Acq On : 10 Jul 2024 11:49
 Operator : MA/JU
 Sample : P3128-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 12:28:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3925	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	11829	0.400	ng	# 0.01
13) Acenaphthene-d10	14.242	164	9306	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	20782	0.400	ng	# 0.00
29) Chrysene-d12	21.220	240	15062	0.400	ng	0.00
35) Perylene-d12	23.434	264	10394	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	143	0.014	ng	0.02
5) Phenol-d6	6.852	99	4	0.000	ng	0.03
8) Nitrobenzene-d5	8.873	82	2815m	0.319	ng	0.07
11) 2-Methylnaphthalene-d10	12.047	152	215	0.012	ng	0.06
14) 2,4,6-Tribromophenol	15.775	330	707	0.168	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	9280	0.271	ng	0.01
27) Fluoranthene-d10	19.045	212	8796	0.162	ng	0.00
31) Terphenyl-d14	19.635	244	15992	0.435	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	4364	0.844	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.095	149	1453	0.043	ng	# 97

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

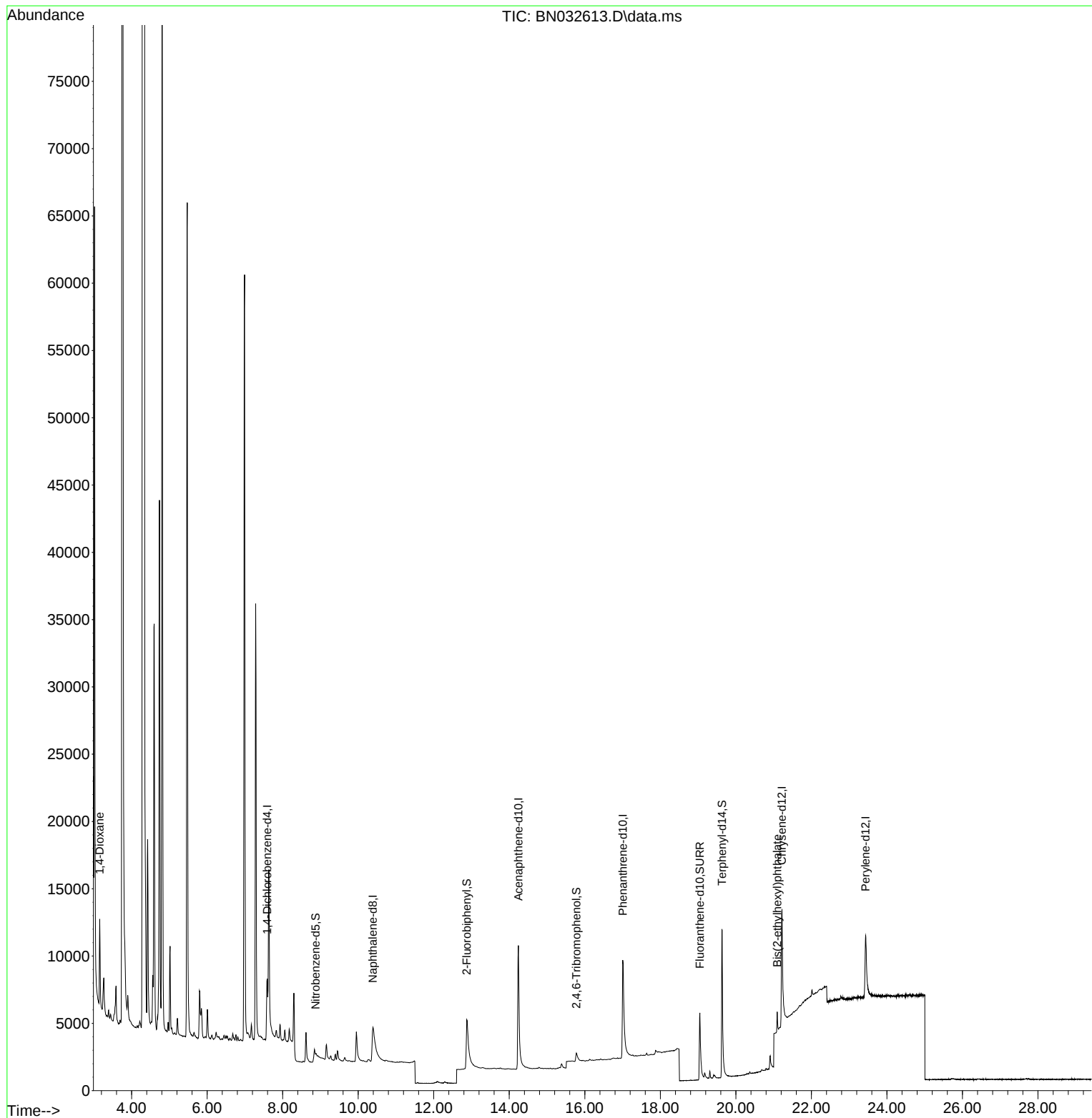
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071024\
Data File : BN032613.D
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Operator : MA/JU
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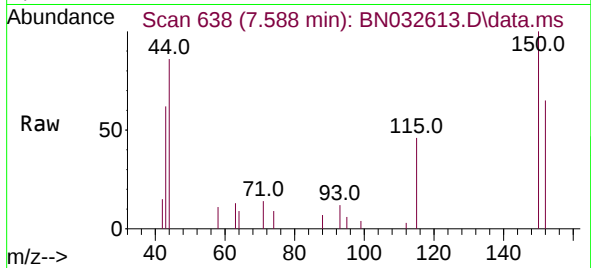
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

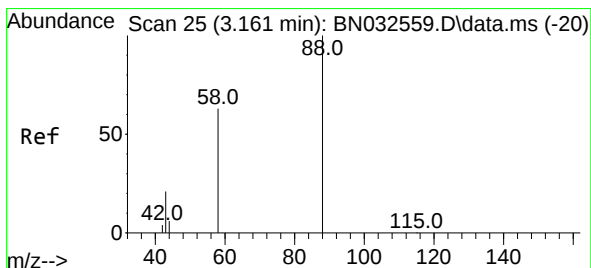
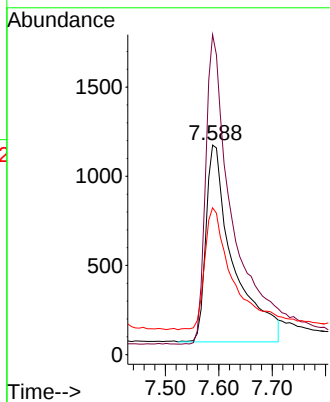
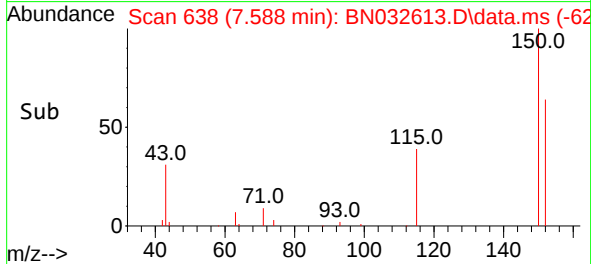
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE



Tgt Ion:152 Resp: 392
Ion Ratio Lower Upper
152 100
150 152.7 121.6 182.4
115 70.0 53.1 79.7

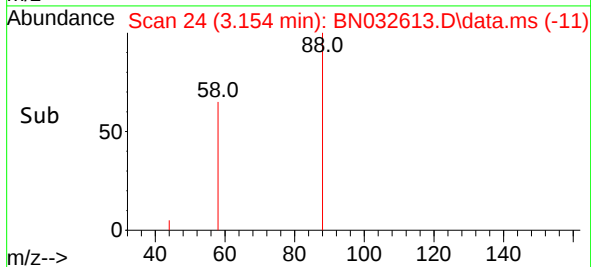
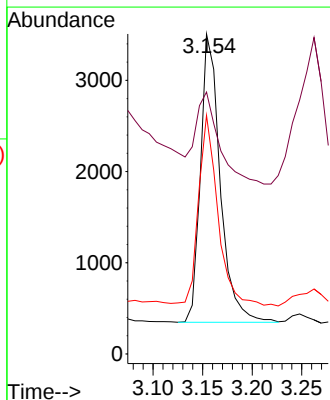
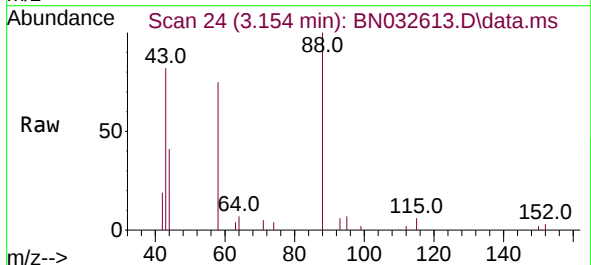
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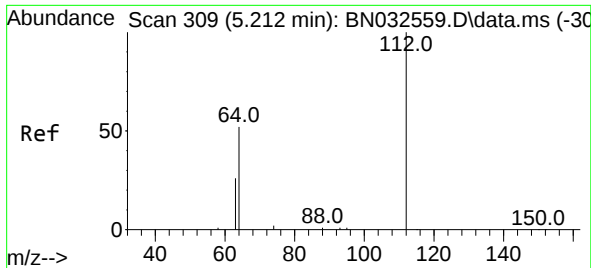
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#2
1,4-Dioxane
Concen: 0.844 ng
RT: 3.154 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion: 88 Resp: 4364
Ion Ratio Lower Upper
88 100
43 38.0 20.4 30.6#
58 65.5 51.0 76.6





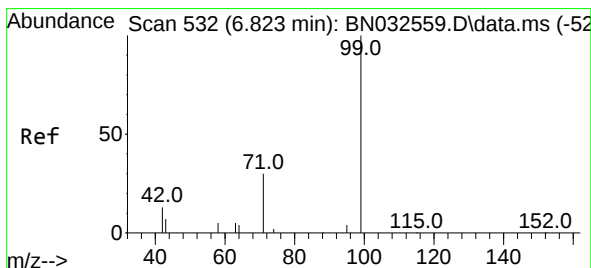
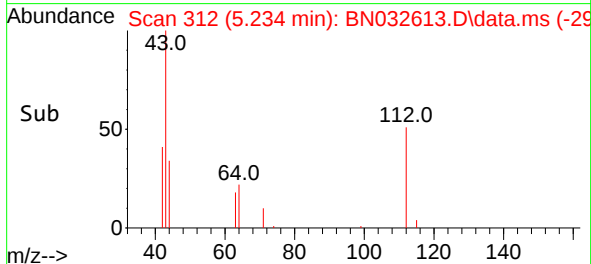
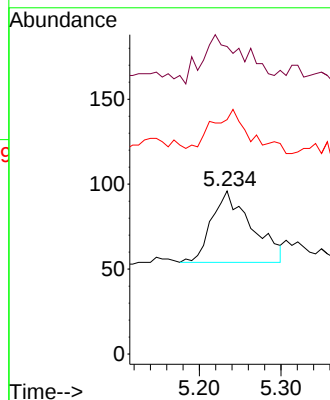
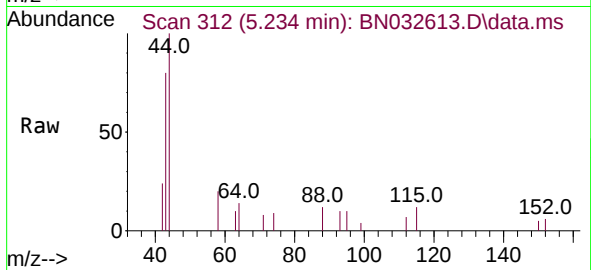
#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.234 min Scan# 312
Delta R.T. 0.022 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE

Tgt Ion: 112 Resp: 143
Ion Ratio Lower Upper
112 100
64 0.0 41.2 61.8#
63 59.4 21.6 32.4#

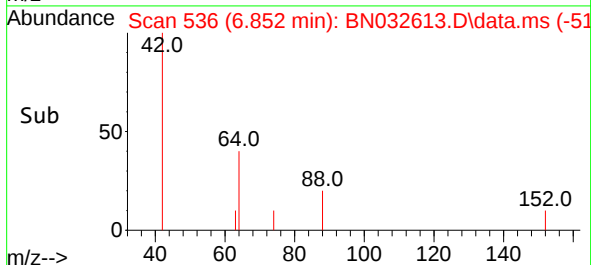
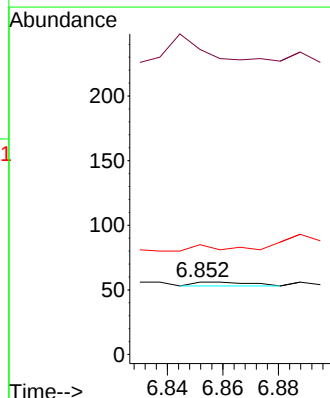
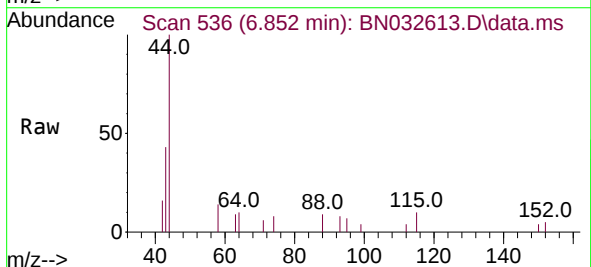
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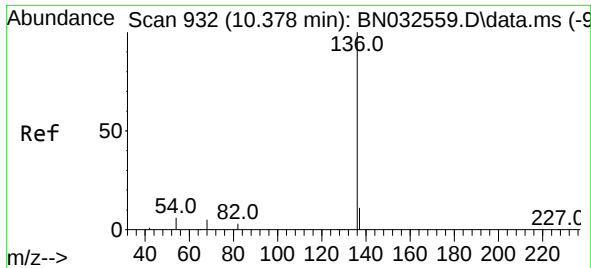
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Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.852 min Scan# 536
Delta R.T. 0.029 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

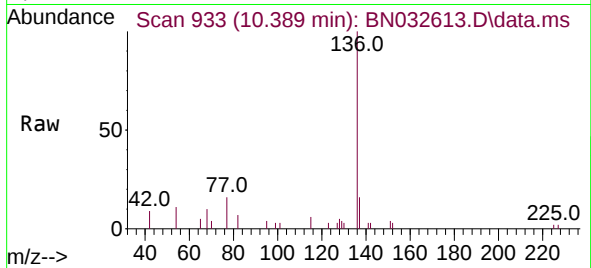
Tgt Ion: 99 Resp: 4
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.389 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

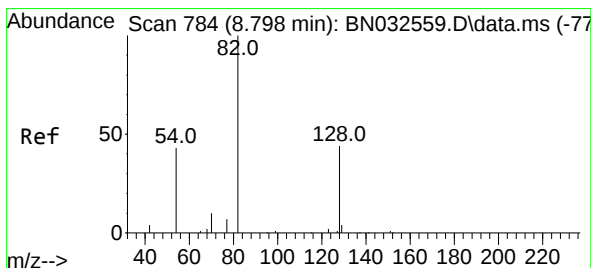
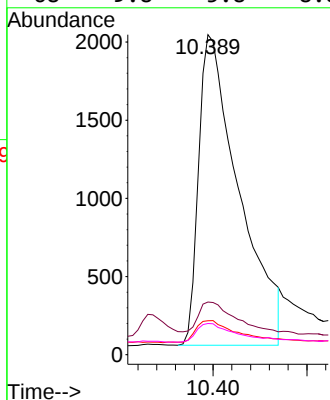
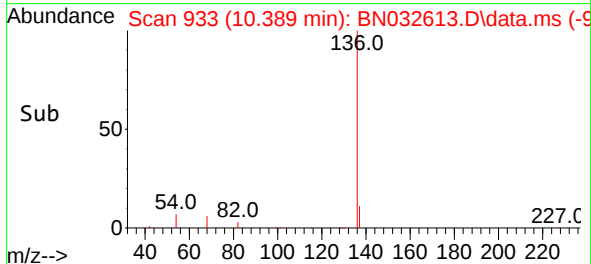
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE



Tgt Ion: 136 Resp: 11829
Ion Ratio Lower Upper
136 100
137 16.5 10.0 15.0
54 10.6 6.6 9.8
68 9.8 5.8 8.8

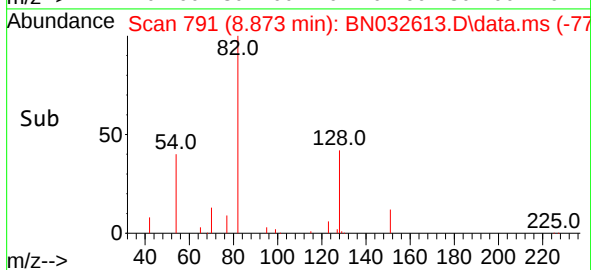
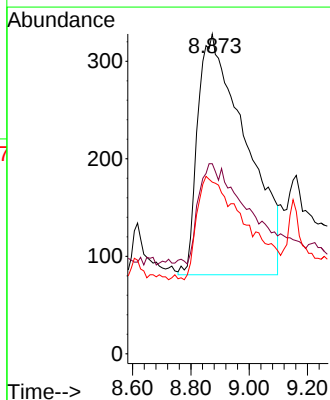
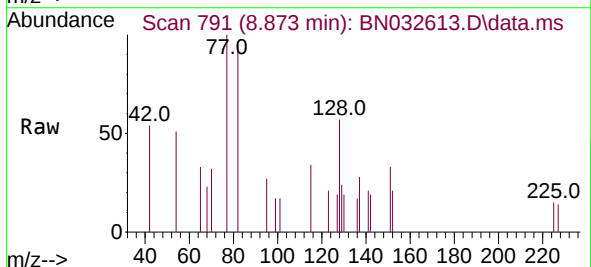
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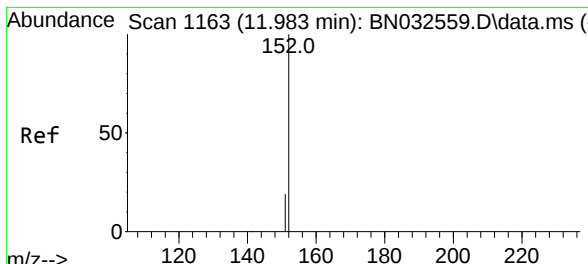
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#8
Nitrobenzene-d5
Concen: 0.319 ng m
RT: 8.873 min Scan# 791
Delta R.T. 0.075 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion: 82 Resp: 2815
Ion Ratio Lower Upper
82 100
128 59.5 43.4 65.2
54 53.7 40.2 60.2





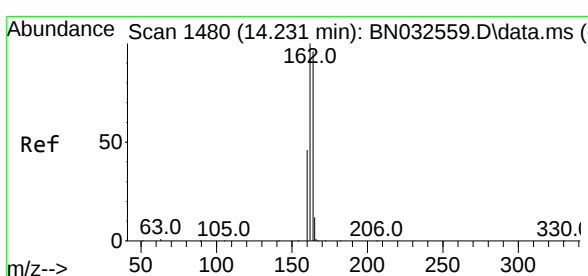
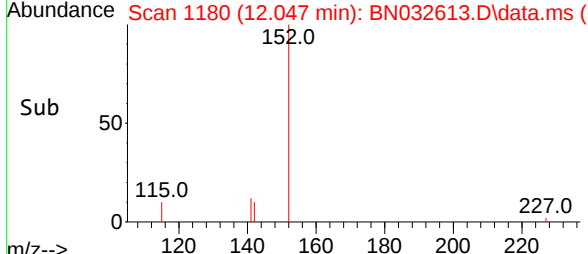
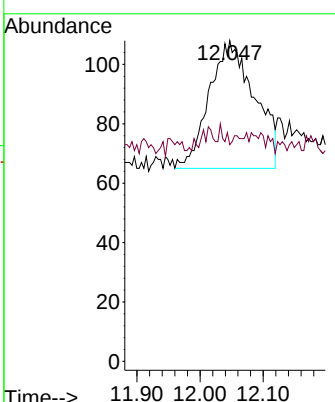
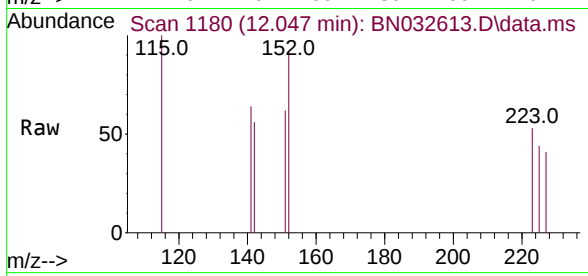
#11
2-Methylnaphthalene-d10
Concen: 0.012 ng
RT: 12.047 min Scan# 1163
Delta R.T. 0.064 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Instrument : BNA_N
ClientSampleId : VPB189-HYD-20240626RE

Tgt Ion:152 Resp: 215

Ion	Ratio	Lower	Upper
152	100		
151	0.5	16.4	24.6

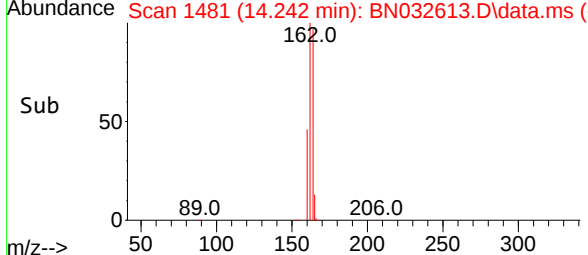
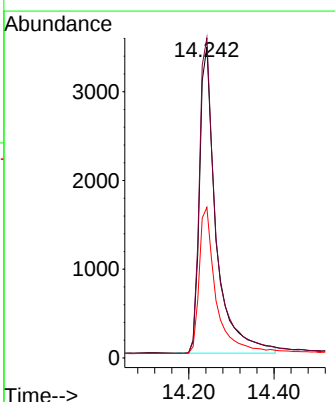
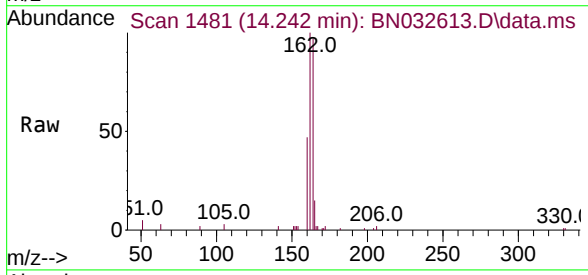
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Supervised By :mohammad ahmed 07/11/2024

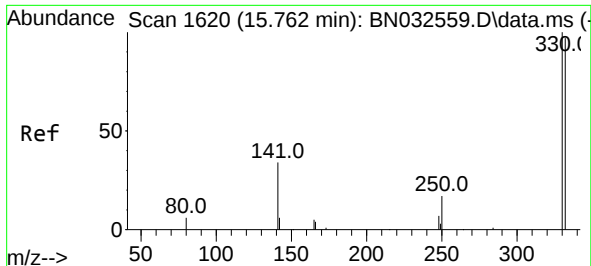


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.011 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion:164 Resp: 9306

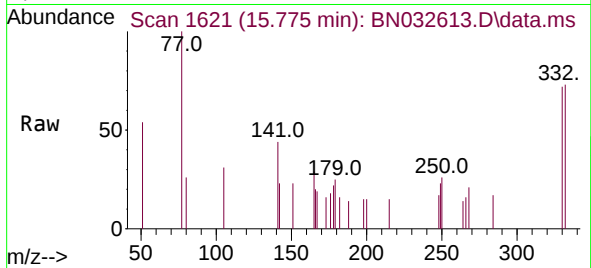
Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.2	124.8
160	48.4	38.6	57.8





#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.013 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

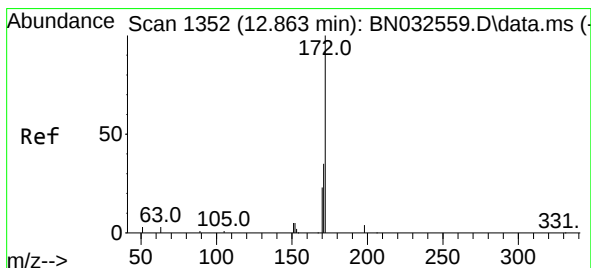
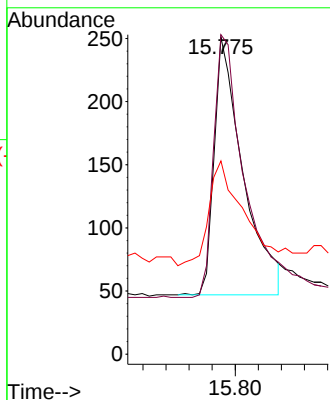
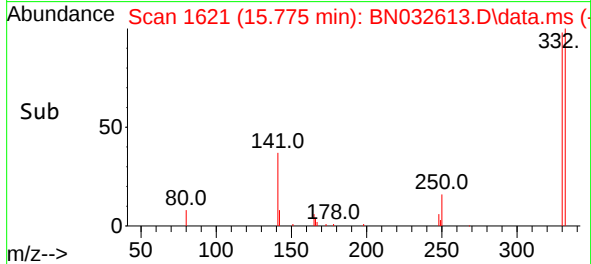
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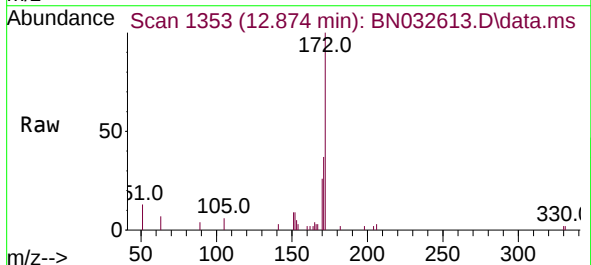
Tgt Ion:330 Resp: 70
Ion Ratio Lower Upper
330 100
332 107.6 77.7 116.5
141 48.8 31.8 47.8

Manual Integrations
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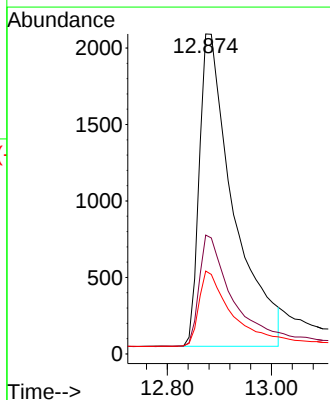
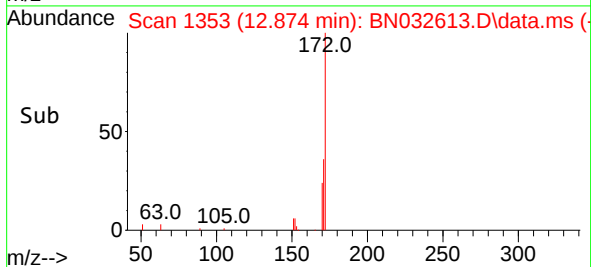
Reviewed By :Jagrut Upadhyay 07/10/2024
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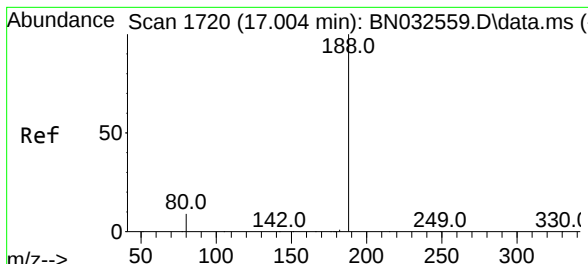


#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.874 min Scan# 1353
Delta R.T. 0.011 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49



Tgt Ion:172 Resp: 9280
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 25.9 19.2 28.8





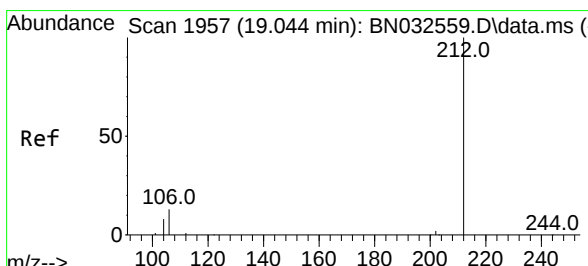
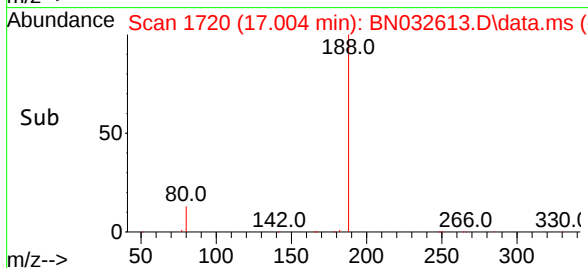
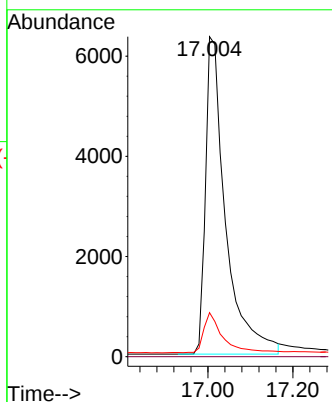
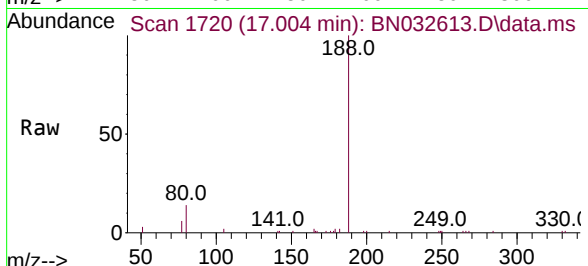
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE

Tgt Ion:	188	Resp:	2078
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.7	7.8	11.6

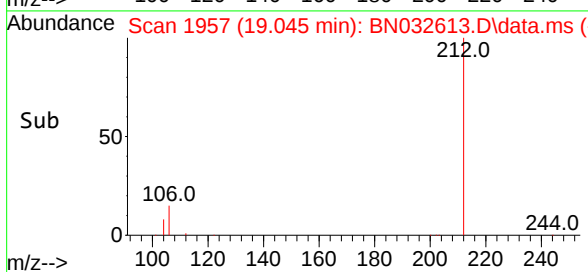
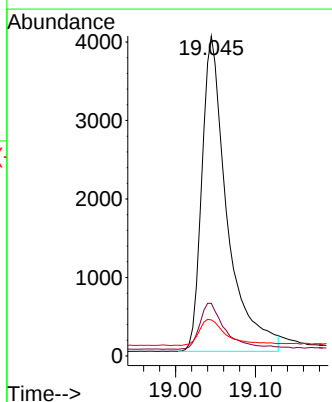
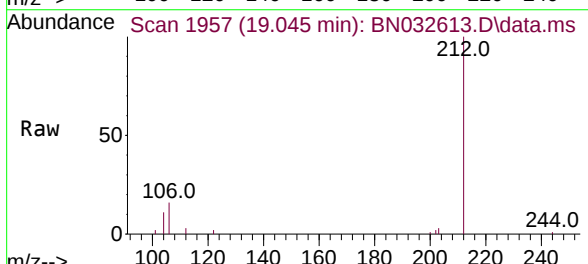
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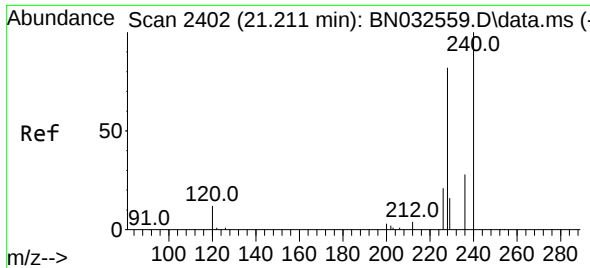
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#27
Fluoranthene-d10
Concen: 0.162 ng
RT: 19.045 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

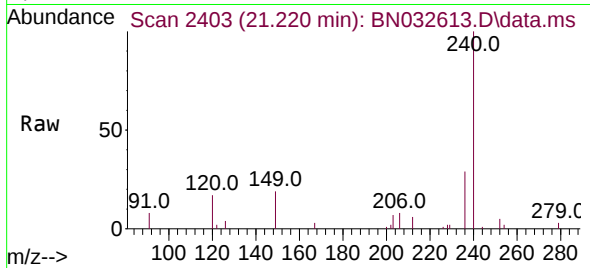
Tgt Ion:	212	Resp:	8796
Ion Ratio	Lower	Upper	
212	100		
106	15.0	11.8	17.8
104	9.2	6.9	10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

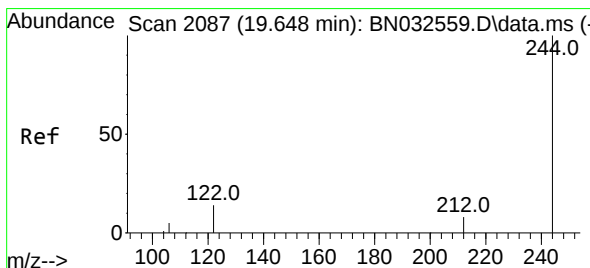
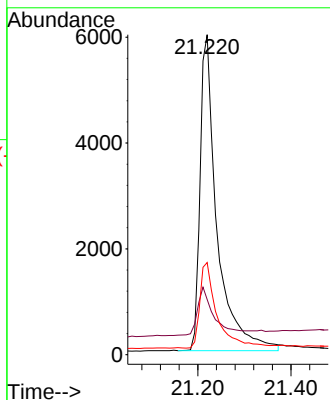
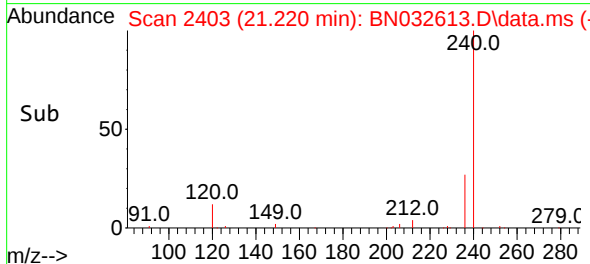
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE



Tgt Ion:240 Resp: 15062
Ion Ratio Lower Upper
240 100
120 17.2 13.0 19.4
236 28.8 23.1 34.7

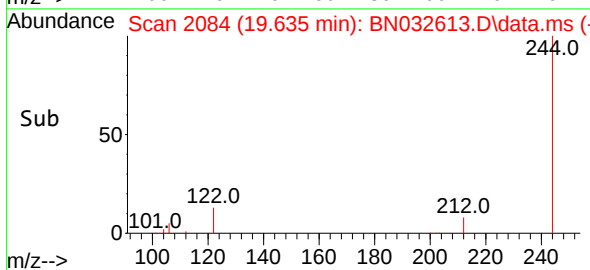
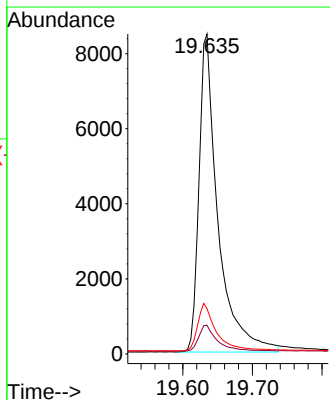
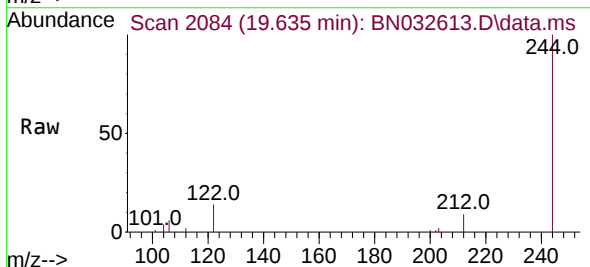
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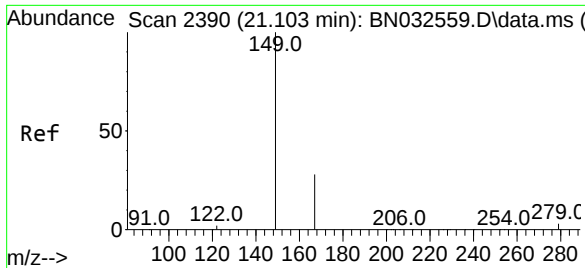
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.635 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

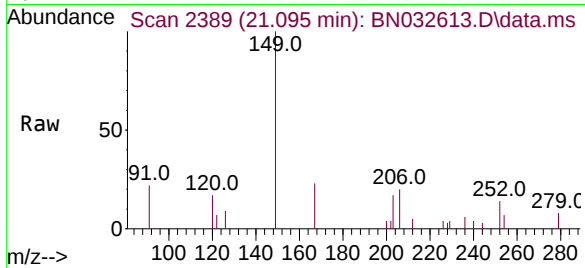
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Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 14.2 12.1 18.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng
RT: 21.095 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

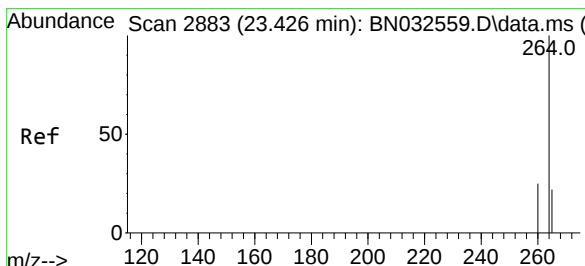
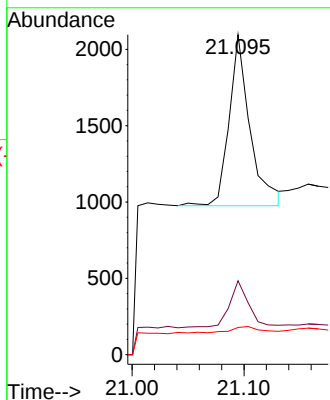
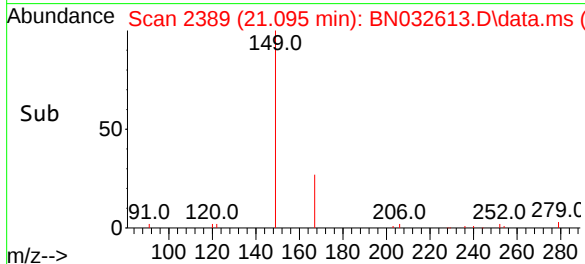
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626RE



Tgt Ion:149 Resp: 145
Ion Ratio Lower Upper
149 100
167 26.3 21.6 32.4
279 7.7 3.0 4.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.434 min Scan# 2886
Delta R.T. 0.009 min
Lab File: BN032613.D
Acq: 10 Jul 2024 11:49

Tgt Ion:264 Resp: 10394
Ion Ratio Lower Upper
264 100
260 27.6 21.0 31.6
265 157.7 76.6 115.0#

