

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035713.D
 Acq On : 19 Dec 2024 20:35
 Operator : RC/JU
 Sample : PB165596BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165596BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 23:11:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3228	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8561	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	5768	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	10744	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	9839	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	11233	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	2902	0.359	ng	0.00
5) Phenol-d6	6.492	99	2957	0.304	ng	0.00
8) Nitrobenzene-d5	8.418	82	2280m	0.436	ng	0.01
11) 2-Methylnaphthalene-d10	11.631	152	5143	0.384	ng	0.00
14) 2,4,6-Tribromophenol	15.464	330	464	0.113	ng	0.01
15) 2-Fluorobiphenyl	12.549	172	7059	0.324	ng	0.00
27) Fluoranthene-d10	18.766	212	11890	0.390	ng	0.00
31) Terphenyl-d14	19.393	244	10159	0.523	ng	0.00

Target Compounds Qvalue

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

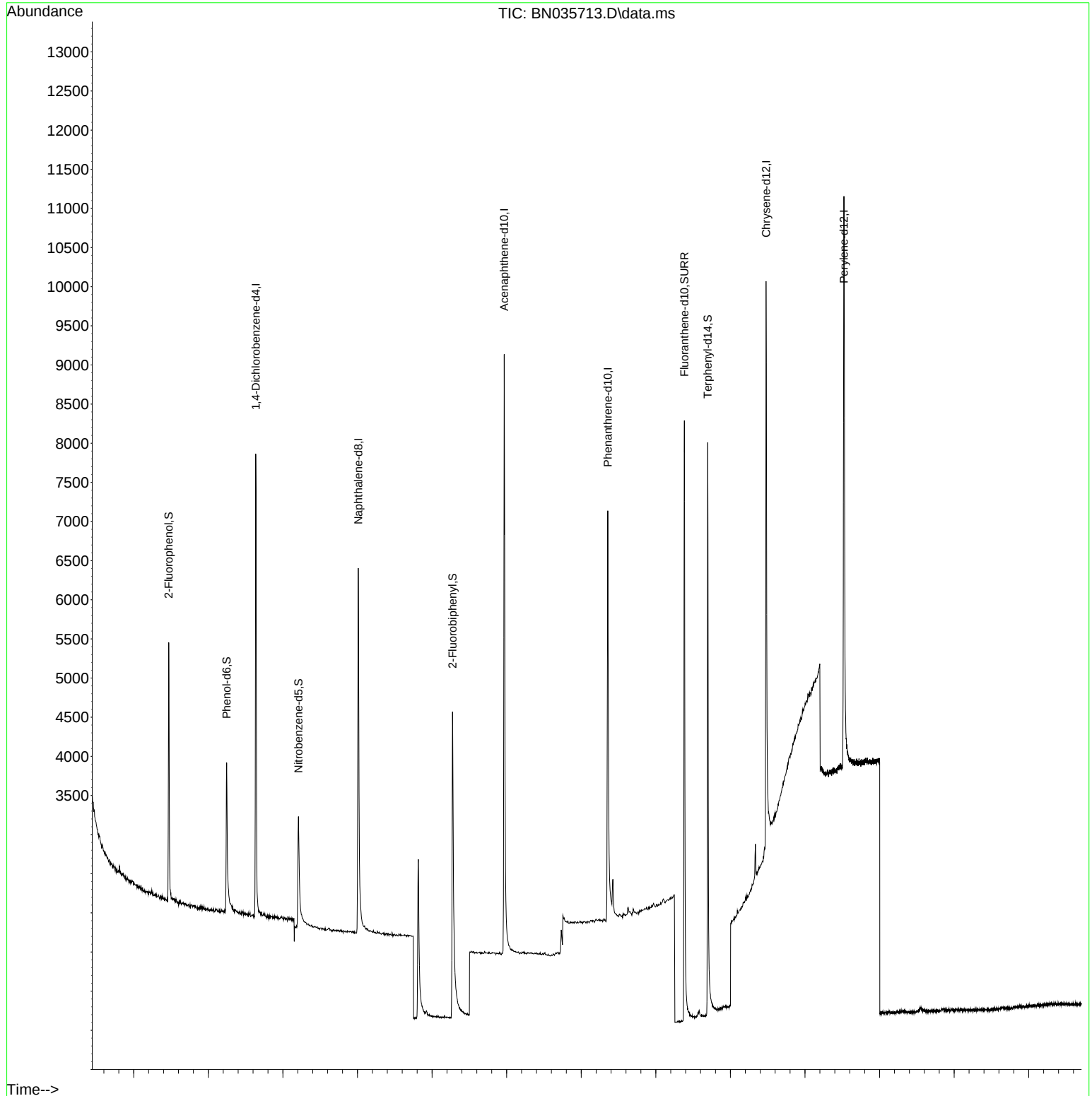
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035713.D
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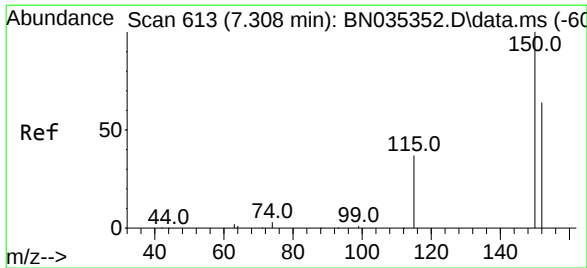
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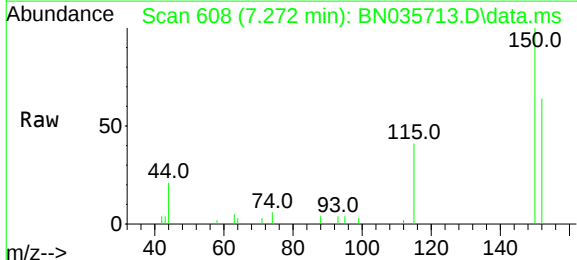
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

Instrument :

BNA_N

ClientSampleId :

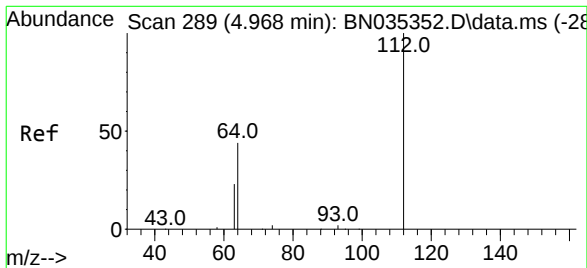
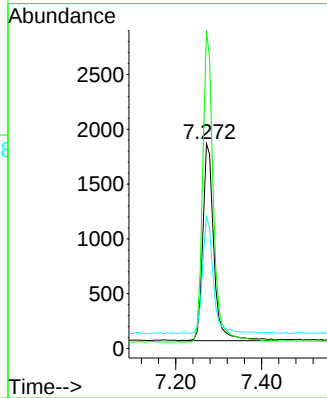
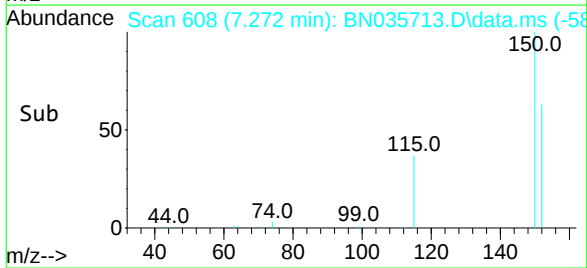
PB165596BL



Tgt Ion:152 Resp: 3228
Ion Ratio Lower Upper
152 100
150 155.4 124.0 186.0
115 64.2 49.6 74.4

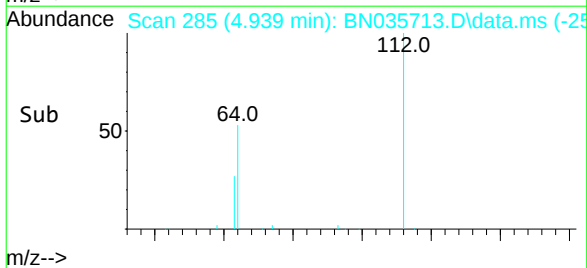
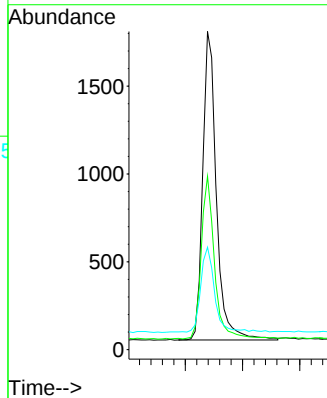
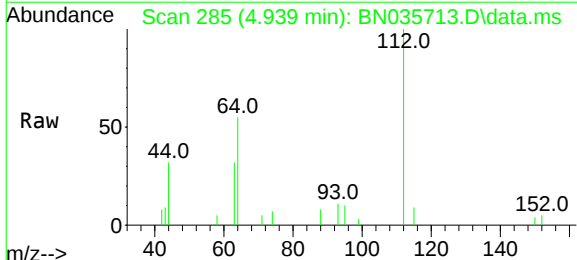
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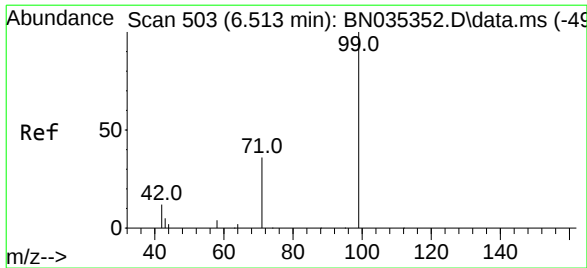
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#4
2-Fluorophenol
Concen: 0.359 ng
RT: 4.939 min Scan# 285
Delta R.T. -0.000 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

Tgt Ion:112 Resp: 2902
Ion Ratio Lower Upper
112 100
64 51.3 39.8 59.8
63 28.8 21.0 31.6





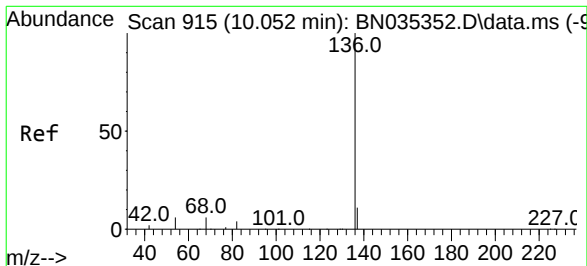
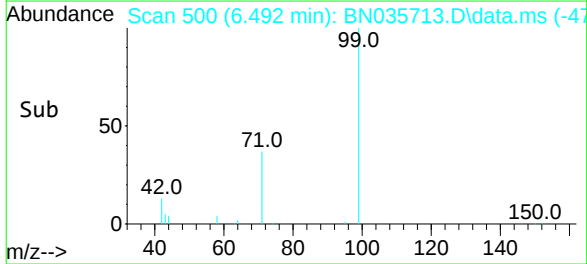
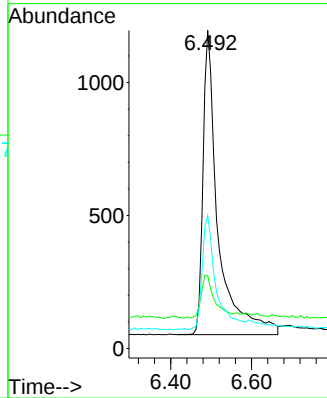
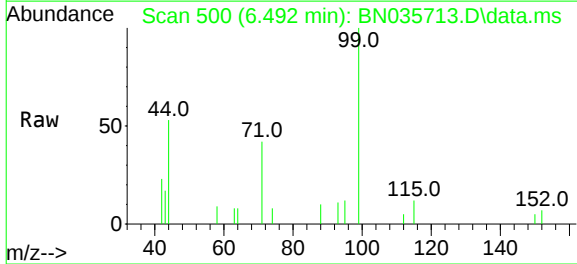
#5
Phenol-d6
Concen: 0.304 ng
RT: 6.492 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

Instrument :
BNA_N
ClientSampleId :
PB165596BL

Tgt Ion:	99	Resp:	2957
Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.4	17.2
71	34.2	29.3	43.9

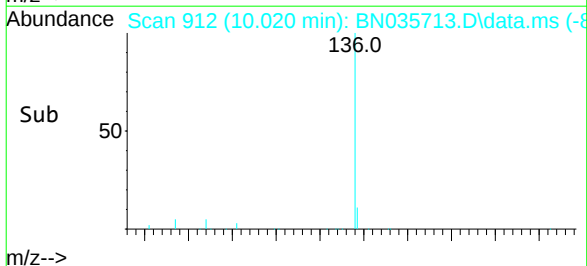
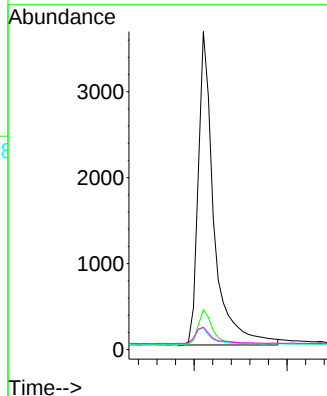
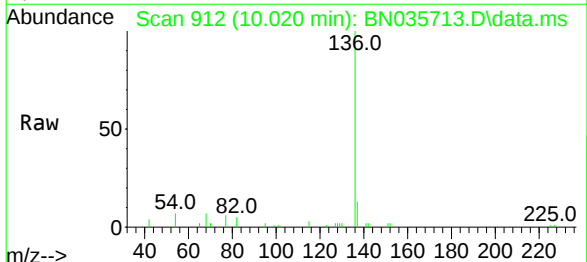
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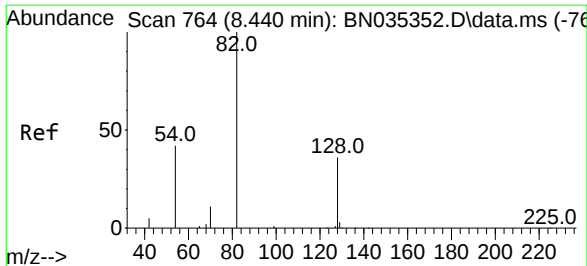
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 912
Delta R.T. -0.000 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

Tgt Ion:	136	Resp:	8561
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.2	15.2
54	6.9	6.1	9.1
68	7.0	6.4	9.6





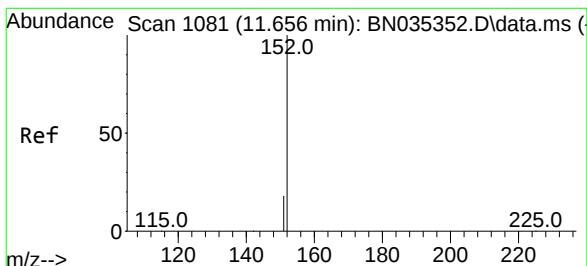
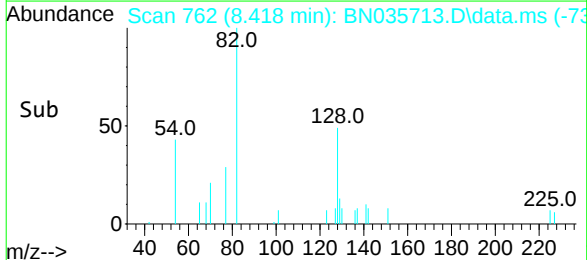
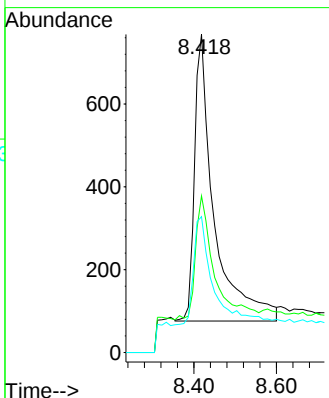
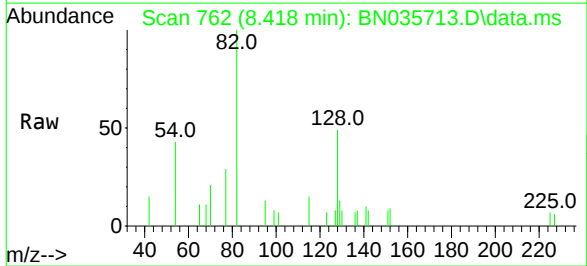
#8
Nitrobenzene-d5
Concen: 0.436 ng/ml
RT: 8.418 min Scan# 764
Delta R.T. 0.010 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

Instrument :
BNA_N
ClientSampleId :
PB165596BL

Tgt Ion:	82	Resp:	2280
Ion Ratio	Lower	Upper	
82	100		
128	49.2	33.4	50.0
54	42.7	36.7	55.1

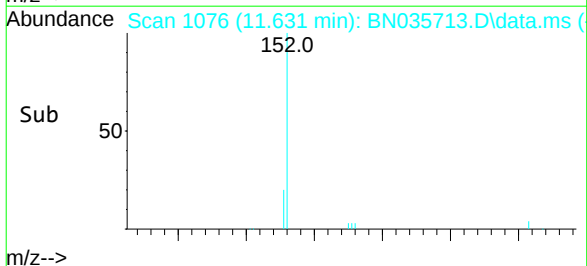
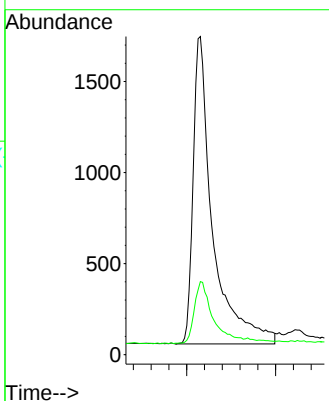
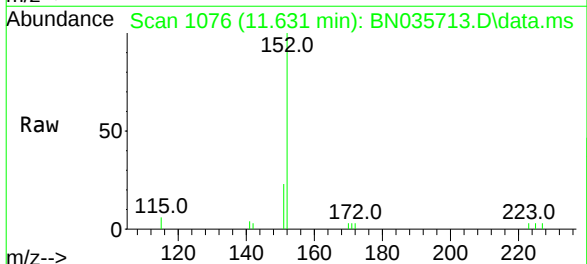
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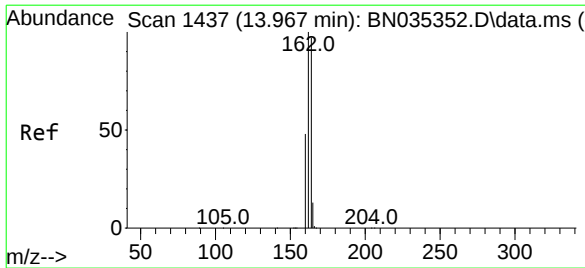
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#11
2-Methylnaphthalene-d10
Concen: 0.384 ng/ml
RT: 11.631 min Scan# 1076
Delta R.T. 0.010 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

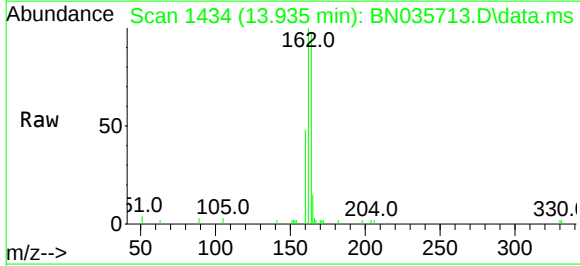
Tgt Ion:	152	Resp:	5143
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.6	25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

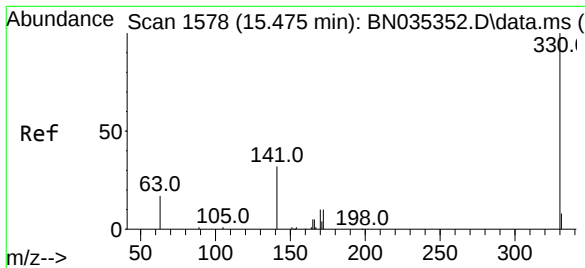
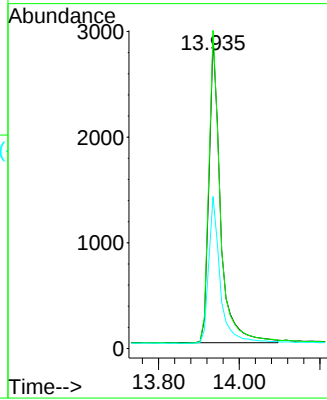
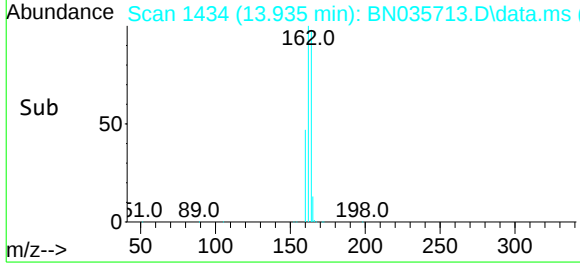
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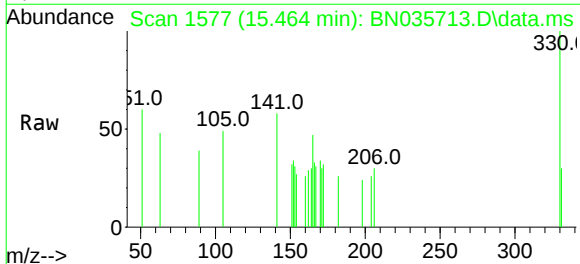
Tgt Ion:164 Resp: 5768
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 48.9 40.1 60.1

Manual Integrations
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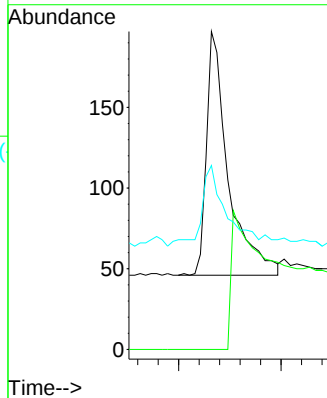
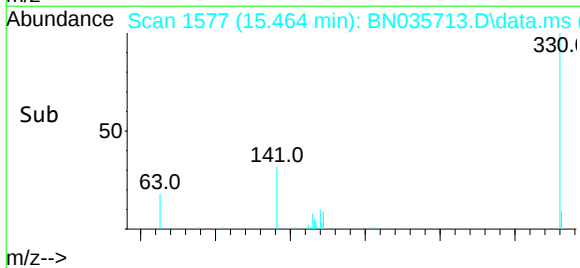
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

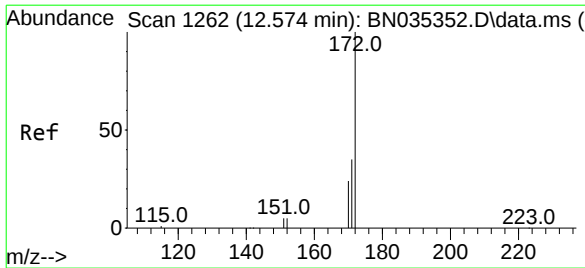


#14
2,4,6-Tribromophenol
Concen: 0.113 ng
RT: 15.464 min Scan# 1577
Delta R.T. 0.011 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35



Tgt Ion:330 Resp: 464
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 26.6 40.0





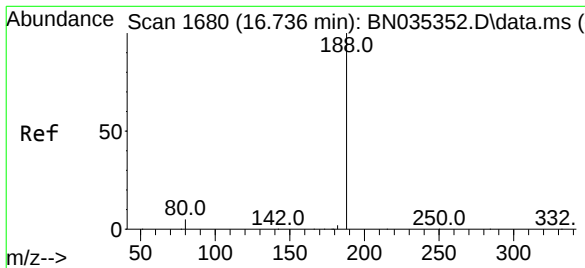
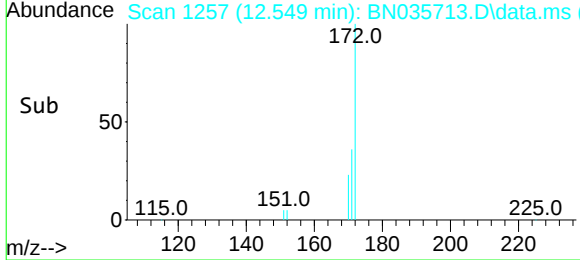
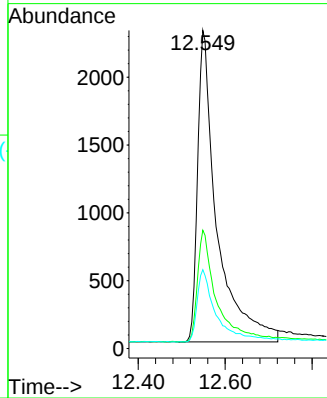
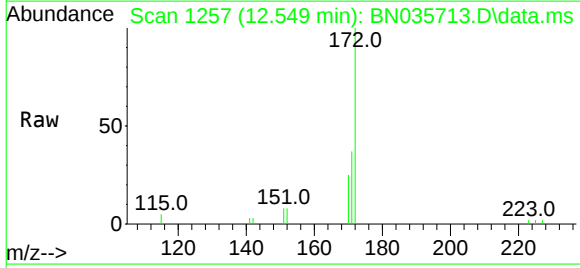
#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.549 min Scan# 1262
Delta R.T. 0.005 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

Instrument :
BNA_N
ClientSampleId :
PB165596BL

Tgt Ion:	172	Resp:	7059
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.4
170	24.8	19.8	29.8

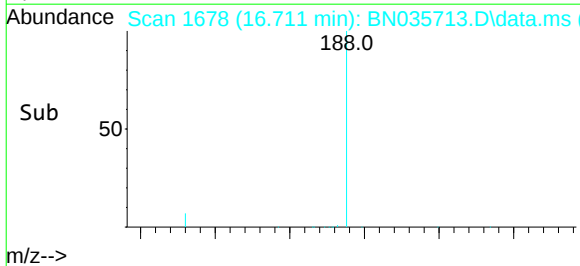
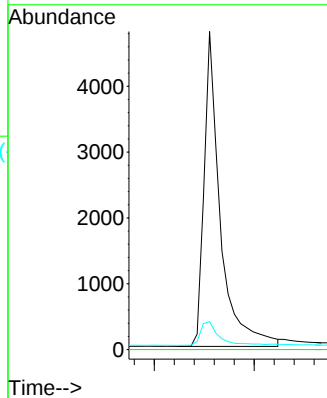
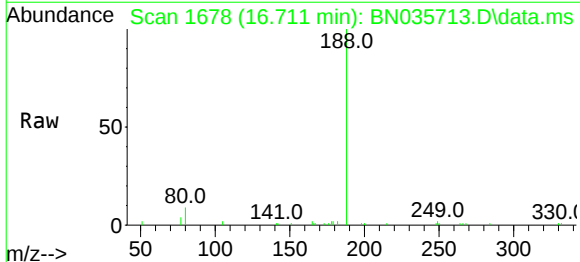
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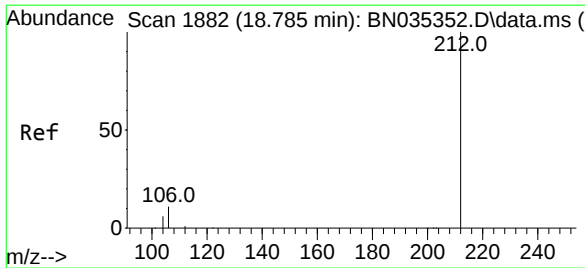
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

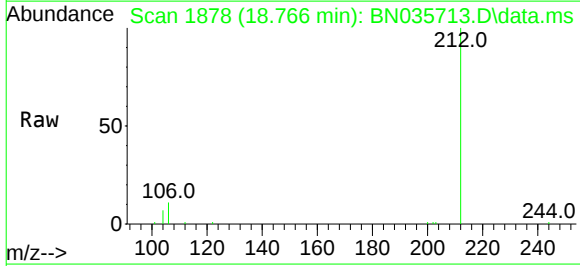
Tgt Ion:	188	Resp:	10744
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	4.6	6.8





#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 18.766 min Scan# 1878
Delta R.T. 0.004 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

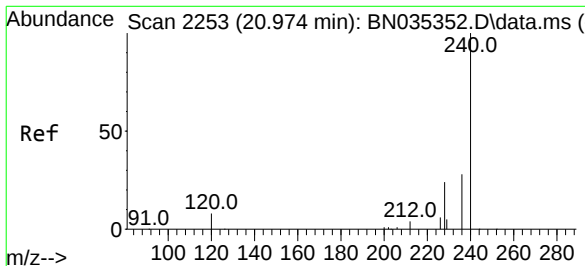
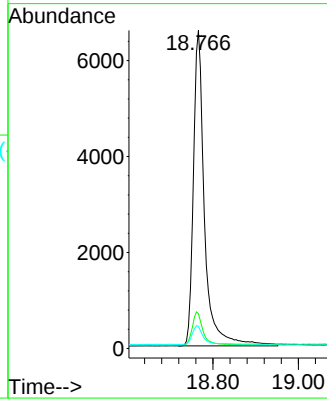
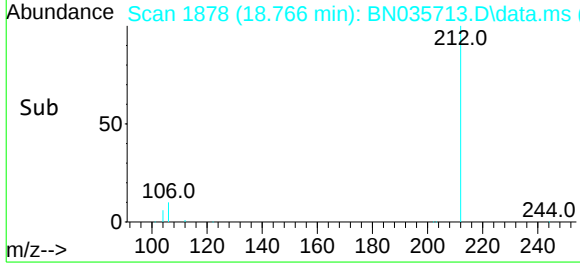
Instrument :
BNA_N
ClientSampleId :
PB165596BL



Tgt Ion:212 Resp: 11890
Ion Ratio Lower Upper
212 100
106 10.2 9.2 13.8
104 5.8 5.3 7.9

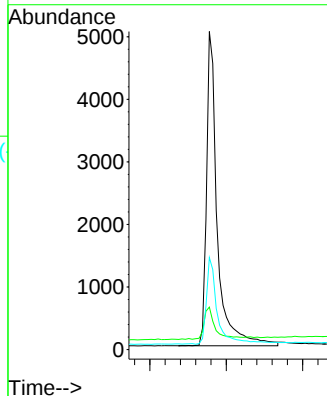
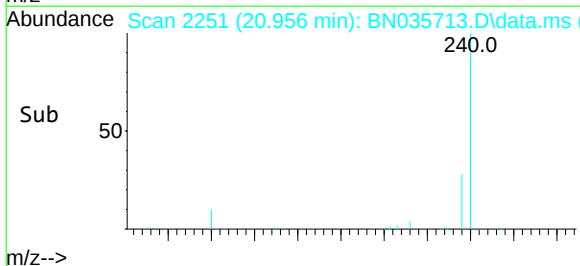
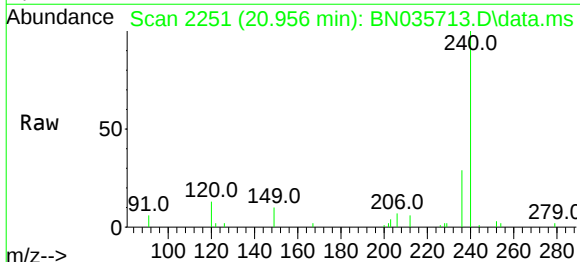
Manual Integrations
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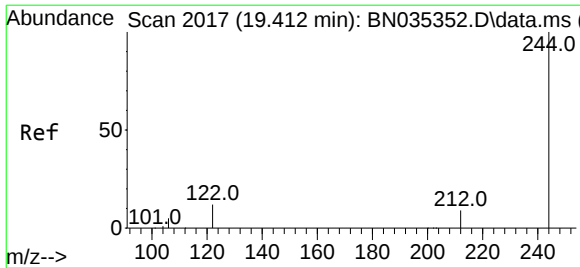
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

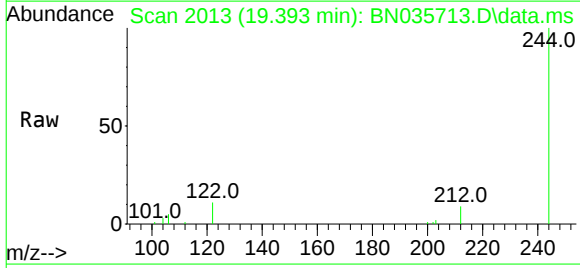
Tgt Ion:240 Resp: 9839
Ion Ratio Lower Upper
240 100
120 13.4 7.9 11.9#
236 28.9 22.9 34.3





#31
Terphenyl-d14
Concen: 0.523 ng
RT: 19.393 min Scan# 2013
Delta R.T. 0.004 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35

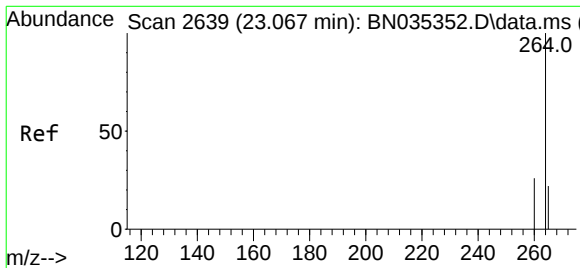
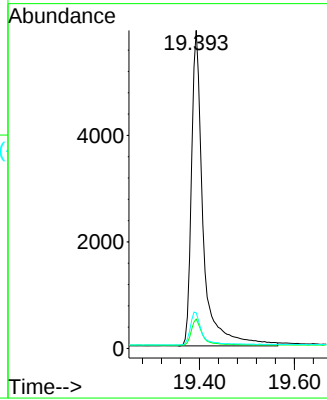
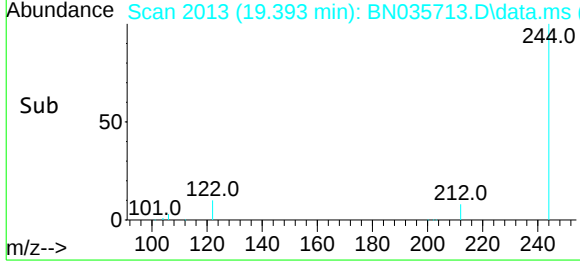
Instrument :
BNA_N
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PB165596BL



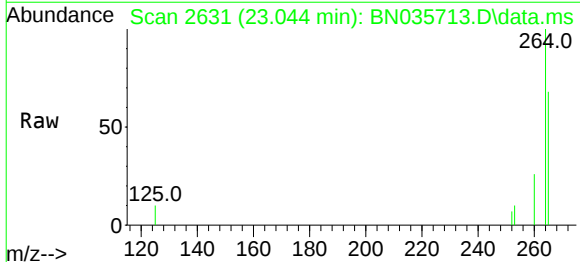
Tgt Ion: 244 Resp: 10159
Ion Ratio Lower Upper
244 100
212 9.2 8.1 12.1
122 11.2 10.3 15.5

Manual Integrations
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Supervised By :mohammad ahmed 12/24/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.044 min Scan# 2631
Delta R.T. 0.003 min
Lab File: BN035713.D
Acq: 19 Dec 2024 20:35



Tgt Ion: 264 Resp: 11233
Ion Ratio Lower Upper
264 100
260 26.0 21.4 32.2
265 67.5 40.2 60.4#

