

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035848.D
 Acq On : 26 Dec 2024 11:56
 Operator : RC/JU
 Sample : P5376-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20241219

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 00:40:39 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	7.257	152	3480	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	8196	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	5304	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11548	0.400	ng	# 0.00
29) Chrysene-d12	20.938	240	9719	0.400	ng	#-0.02
35) Perylene-d12	23.024	264	9432	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.925	112	914	0.105	ng	-0.01
5) Phenol-d6	6.477	99	498	0.048	ng	-0.01
8) Nitrobenzene-d5	8.397	82	2218m	0.443	ng	-0.01
11) 2-Methylnaphthalene-d10	11.611	152	4509	0.352	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	838	0.223	ng	-0.01
15) 2-Fluorobiphenyl	12.534	172	7269	0.363	ng	-0.01
27) Fluoranthene-d10	18.748	212	14226	0.435	ng	-0.01
31) Terphenyl-d14	19.375	244	10878	0.567	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.975	88	577	0.173	ng	# 83
34) Bis(2-ethylhexyl)phtha...	20.893	149	751	0.056	ng	# 95

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

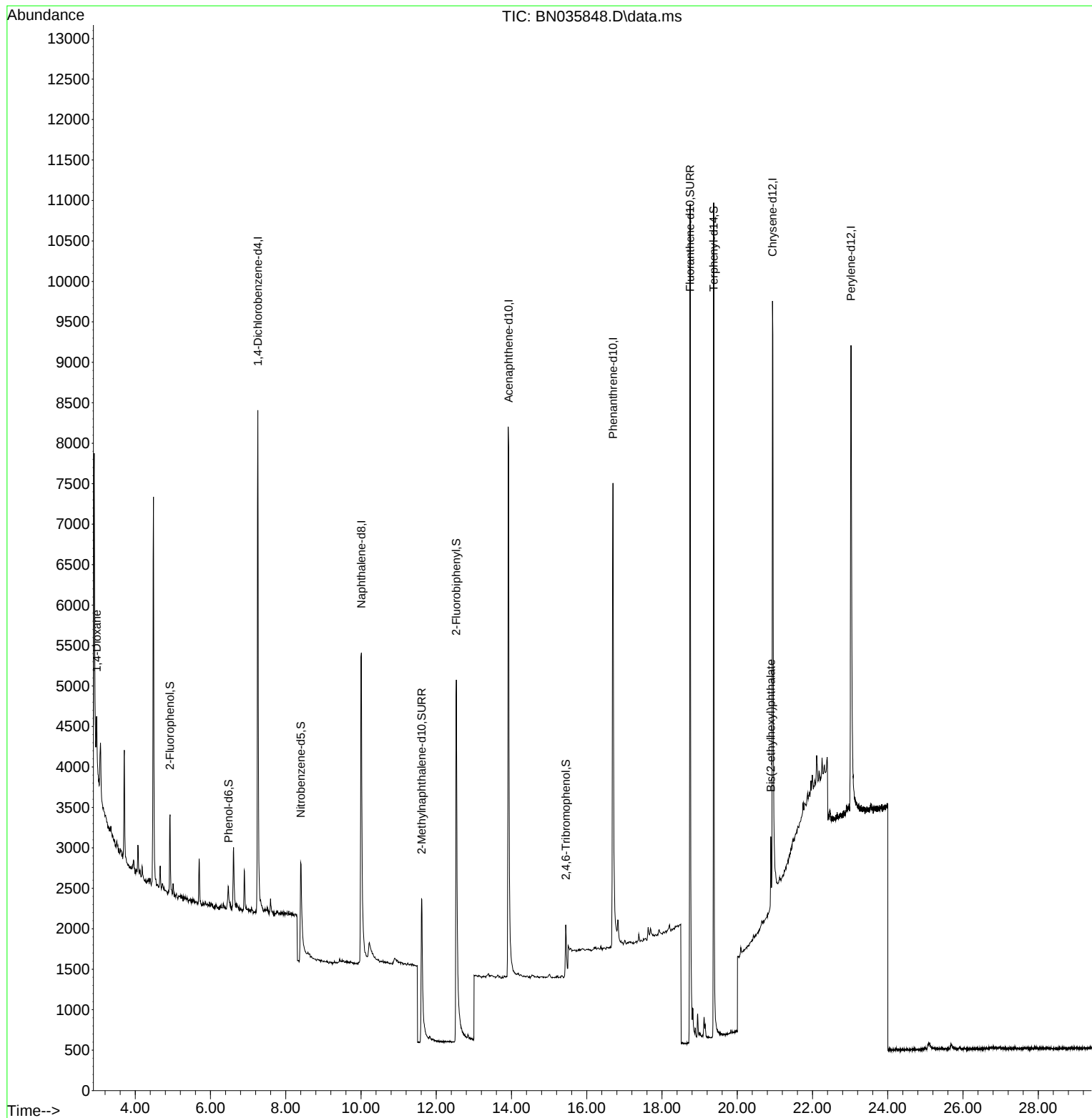
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
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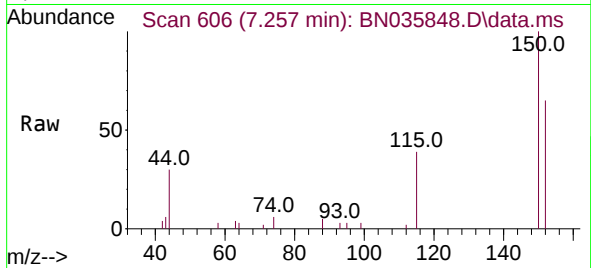
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

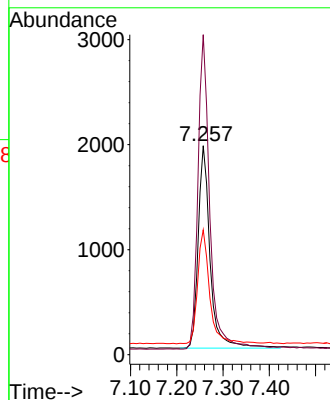
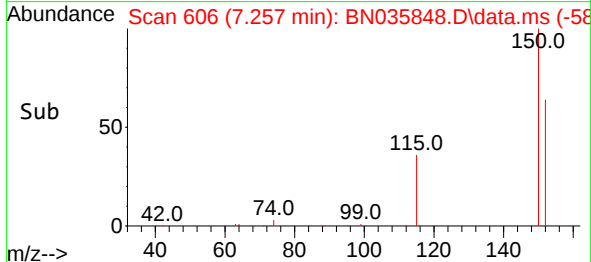
Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219



Tgt Ion:152 Resp: 3480
Ion Ratio Lower Upper
152 100
150 153.1 124.0 186.0
115 59.7 49.6 74.4

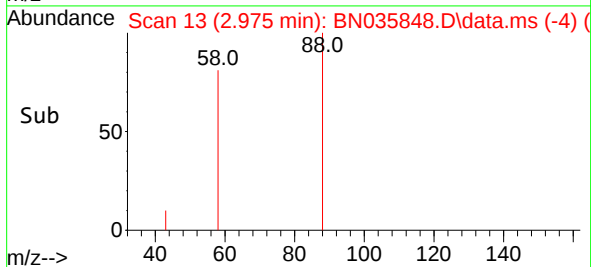
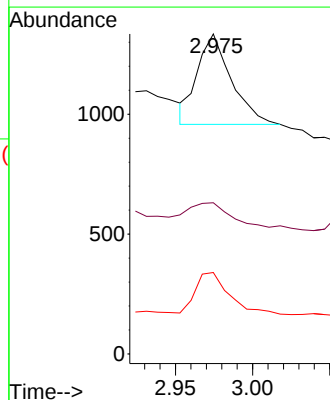
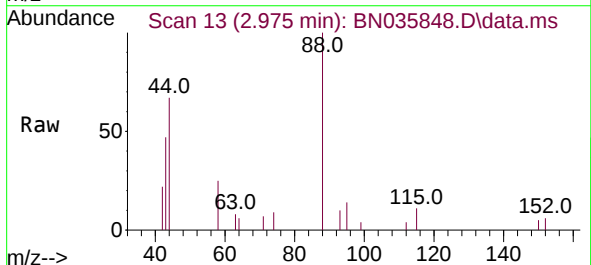
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#2
1,4-Dioxane
Concen: 0.173 ng
RT: 2.975 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

Tgt Ion: 88 Resp: 577
Ion Ratio Lower Upper
88 100
43 34.5 17.2 25.8#
58 46.1 44.5 66.7





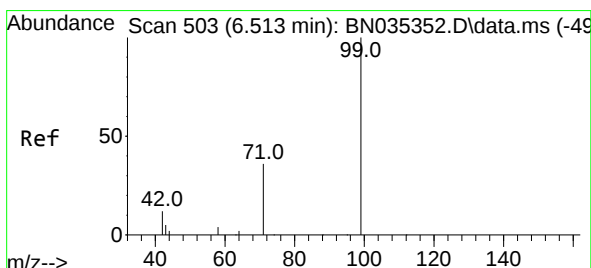
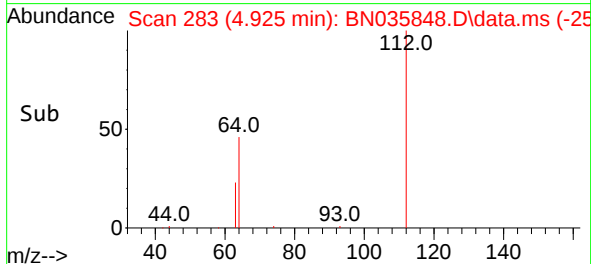
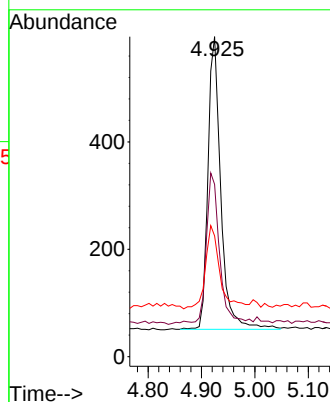
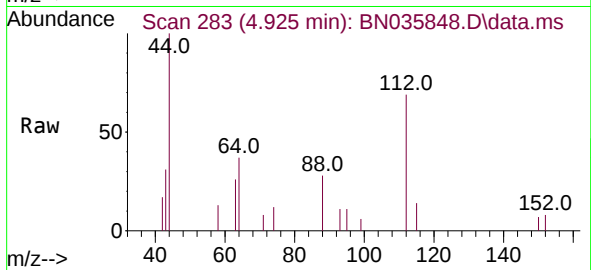
#4
2-Fluorophenol
Concen: 0.105 ng
RT: 4.925 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219

Tgt Ion: 112 Resp: 914
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.8
63 31.6 21.0 31.6

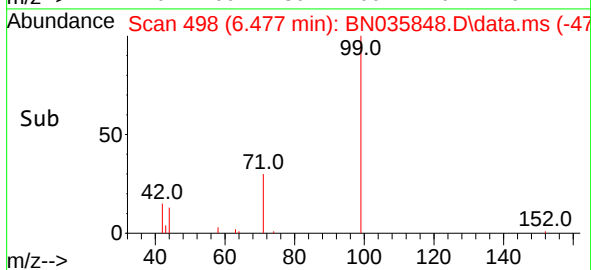
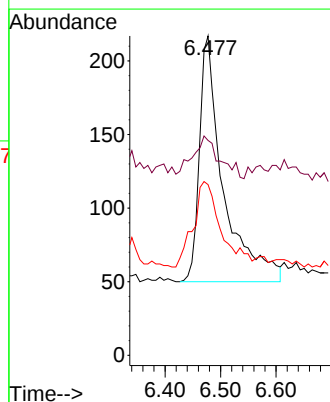
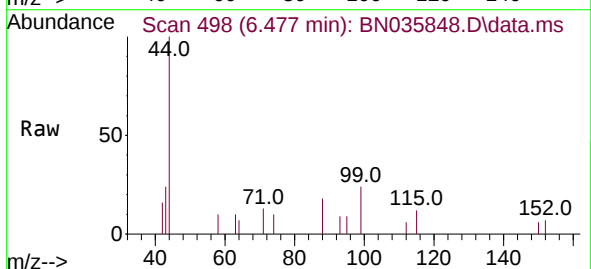
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#5
Phenol-d6
Concen: 0.048 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.014 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

Tgt Ion: 99 Resp: 498
Ion Ratio Lower Upper
99 100
42 19.5 11.4 17.2#
71 40.4 29.3 43.9





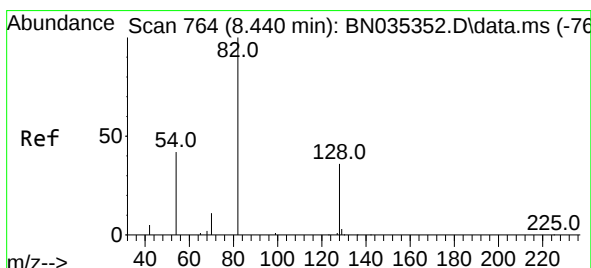
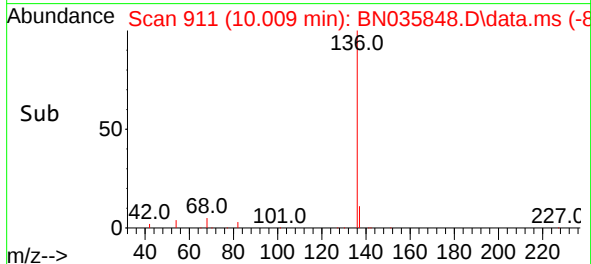
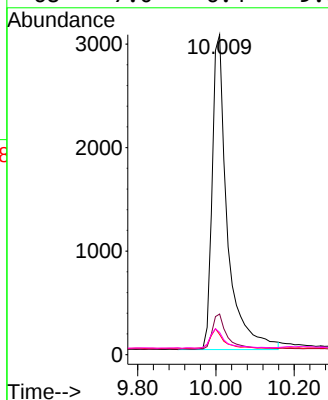
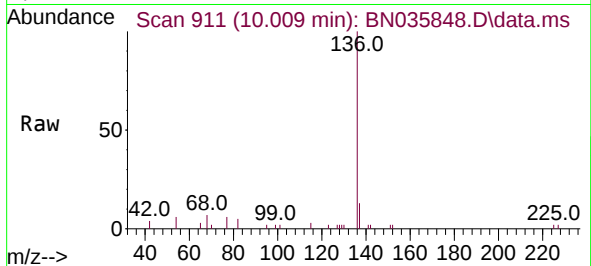
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219

Tgt Ion:	136	Resp:	8190
Ion Ratio	Lower	Upper	
136	100		
137	12.7	10.2	15.2
54	6.3	6.1	9.1
68	7.0	6.4	9.6

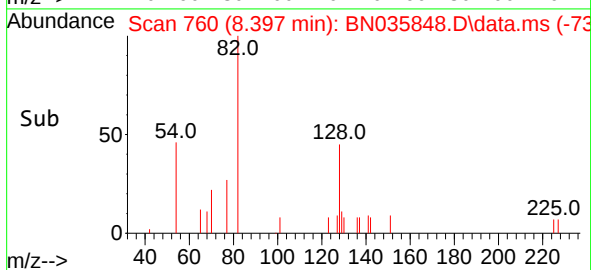
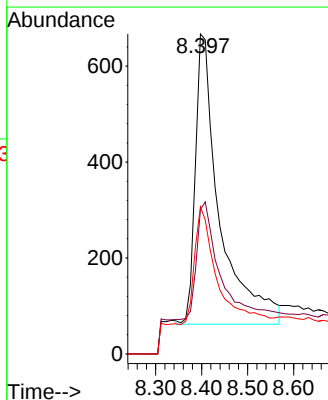
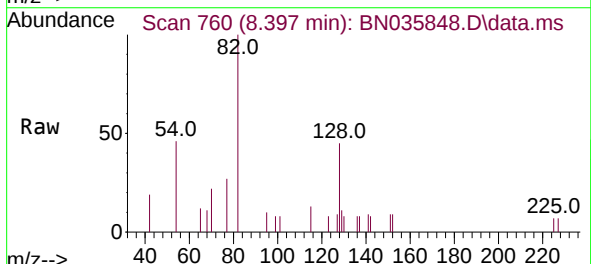
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#8
Nitrobenzene-d5
Concen: 0.443 ng m
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

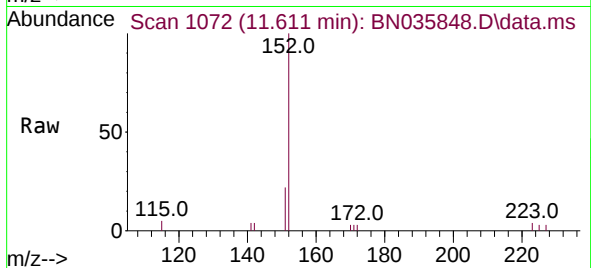
Tgt Ion:	82	Resp:	2218
Ion Ratio	Lower	Upper	
82	100		
128	45.1	33.4	50.0
54	46.0	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 11.611 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

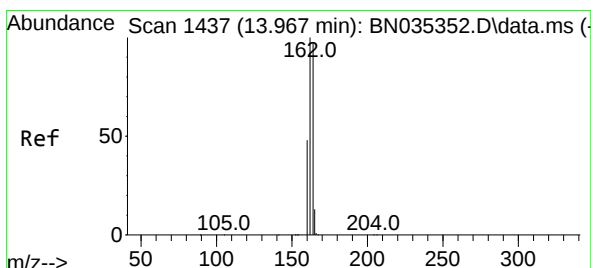
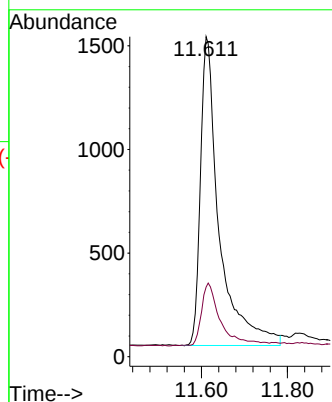
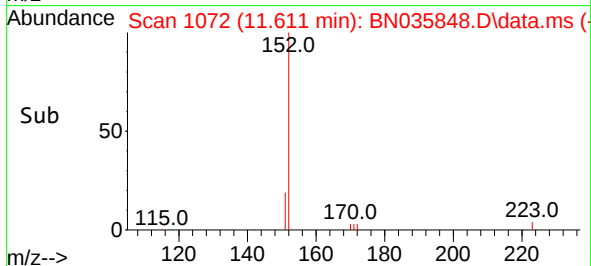
Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219



Tgt Ion:152 Resp: 4509
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0

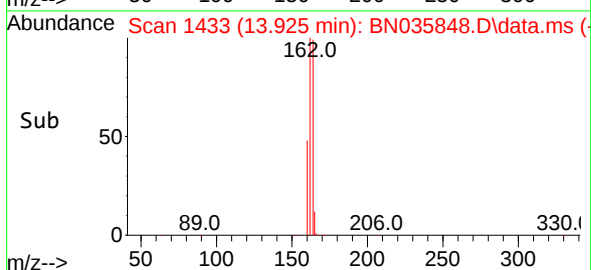
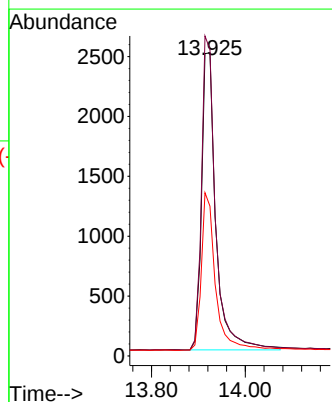
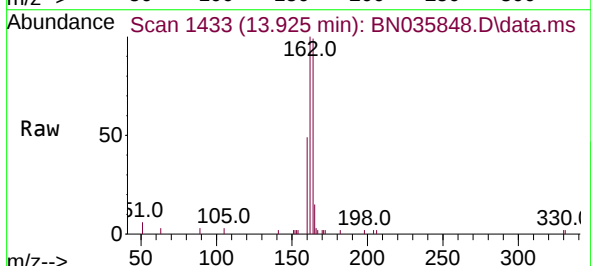
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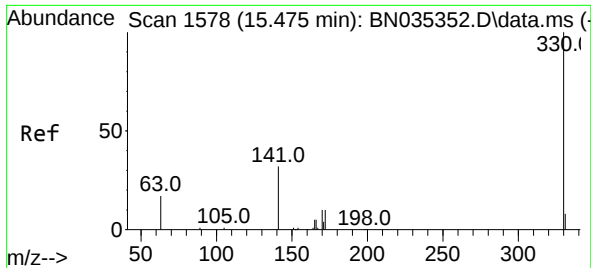
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Supervised By :mohammad ahmed 12/30/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

Tgt Ion:164 Resp: 5304
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 49.4 40.1 60.1





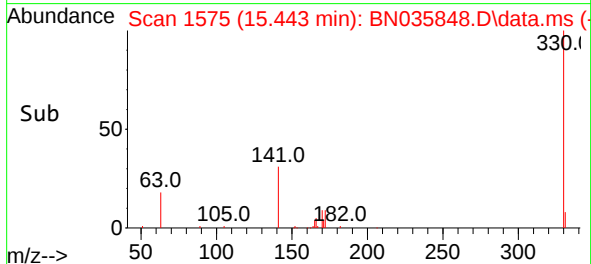
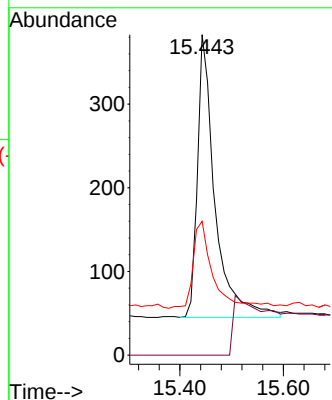
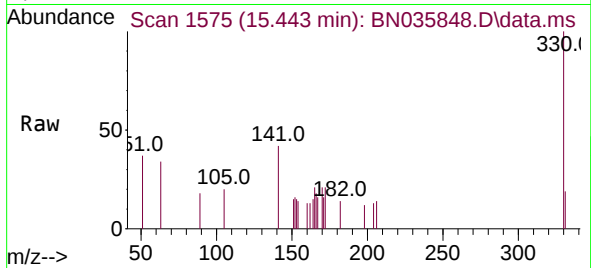
#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219

Tgt Ion:330 Resp: 838
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.1 26.6 40.0

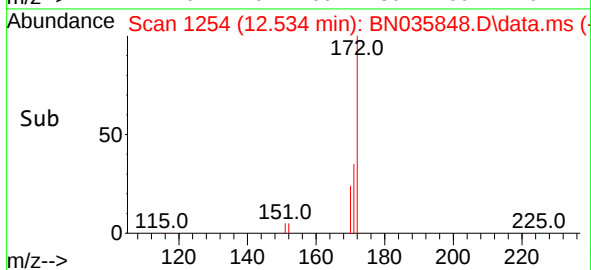
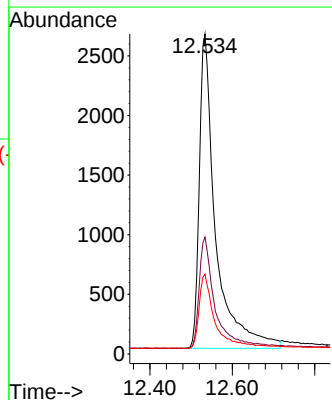
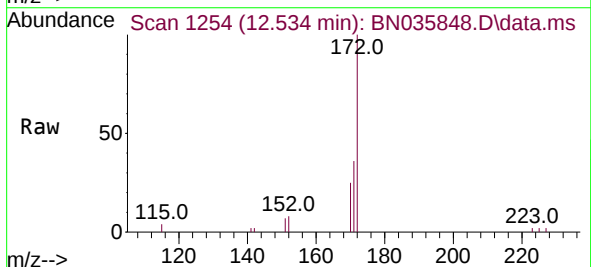
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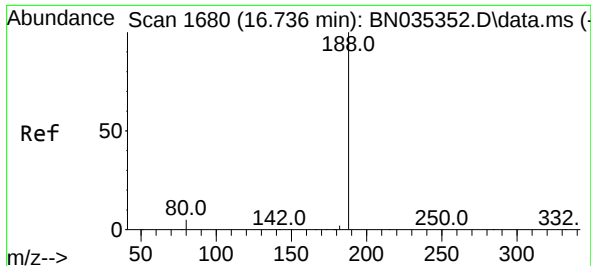
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#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.534 min Scan# 1254
Delta R.T. -0.010 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

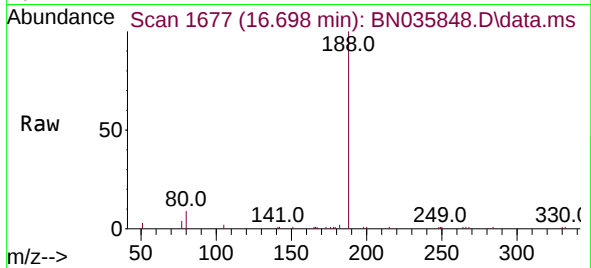
Tgt Ion:172 Resp: 7269
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.9 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

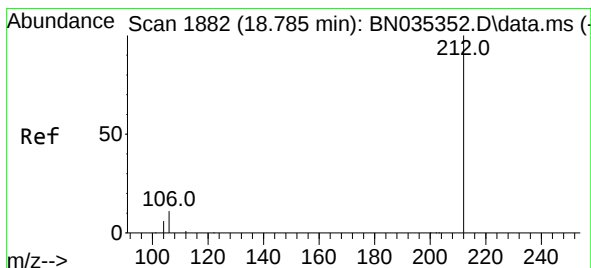
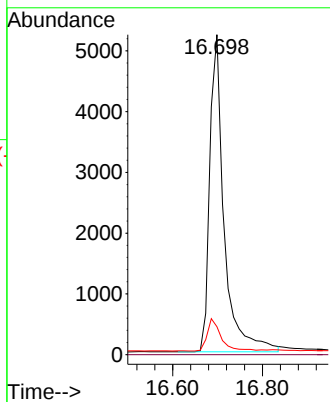
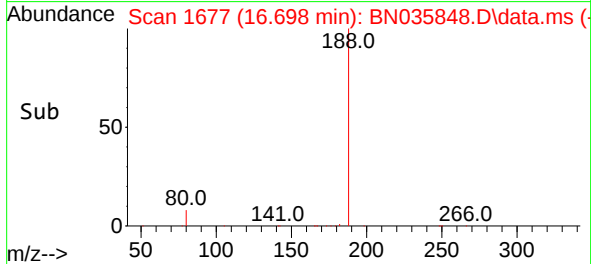
Instrument :
BNA_N
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TT188S1-20241219



Tgt Ion:188 Resp: 1154
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 4.6 6.8

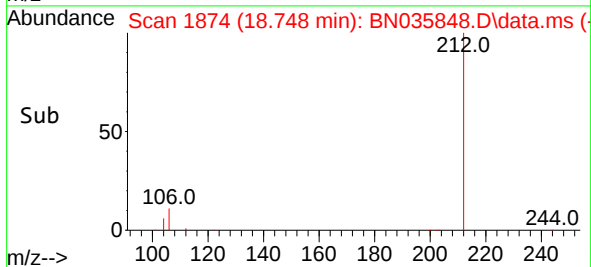
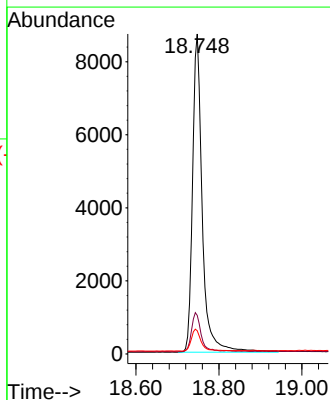
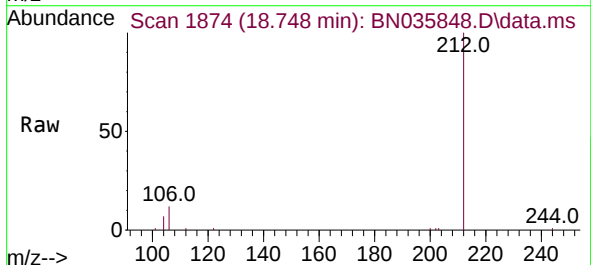
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Supervised By :mohammad ahmed 12/30/2024



#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 18.748 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

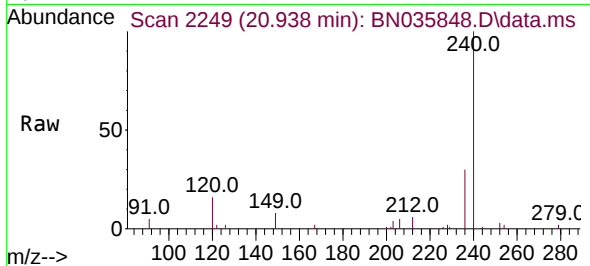
Tgt Ion:212 Resp: 14226
Ion Ratio Lower Upper
212 100
106 12.1 9.2 13.8
104 7.2 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.938 min Scan# 2109
Delta R.T. -0.018 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

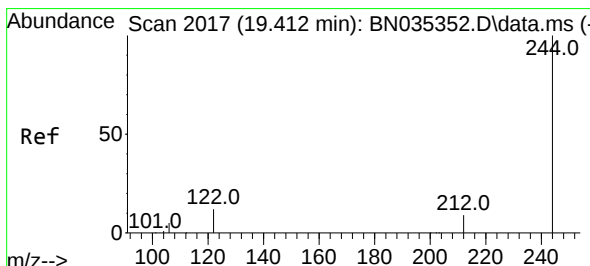
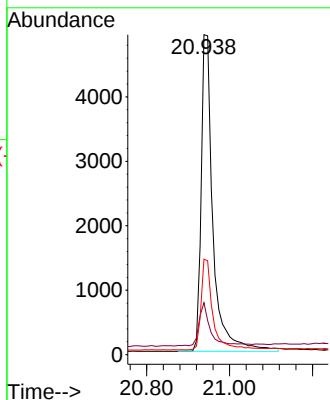
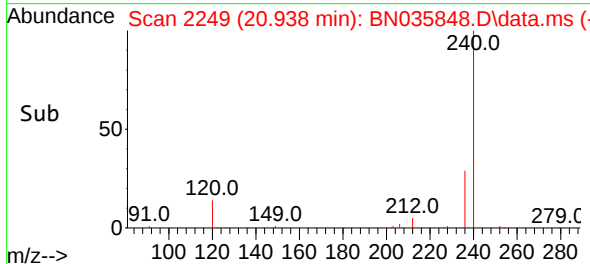
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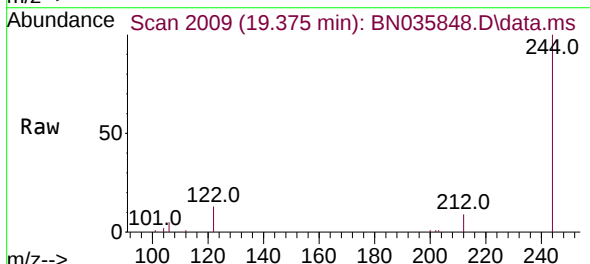
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Ion Ratio Lower Upper
240 100
120 16.2 7.9 11.9
236 29.8 22.9 34.3

Manual Integrations
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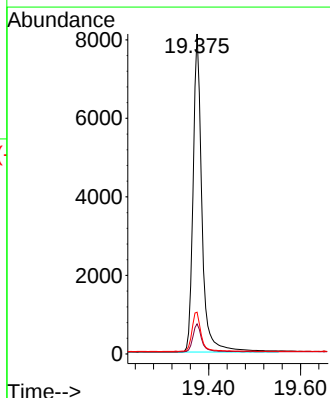
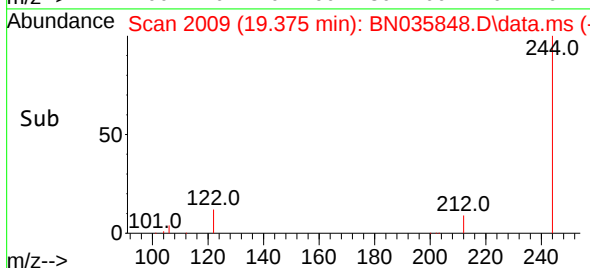
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

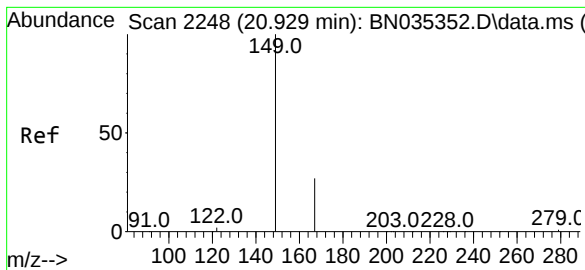


#31
Terphenyl-d14
Concen: 0.567 ng
RT: 19.375 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56



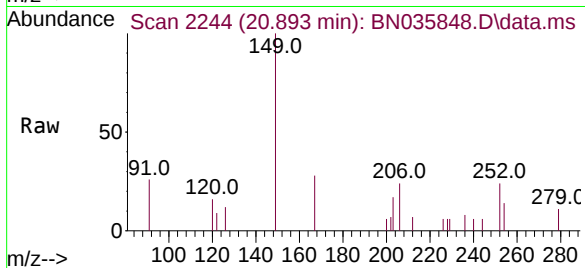
Tgt Ion:244 Resp: 10878
Ion Ratio Lower Upper
244 100
212 9.4 8.1 12.1
122 13.1 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 20.893 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

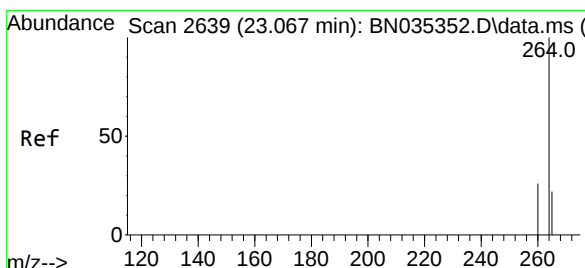
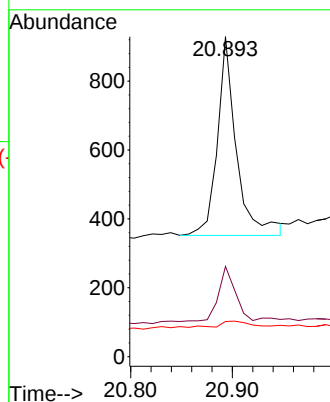
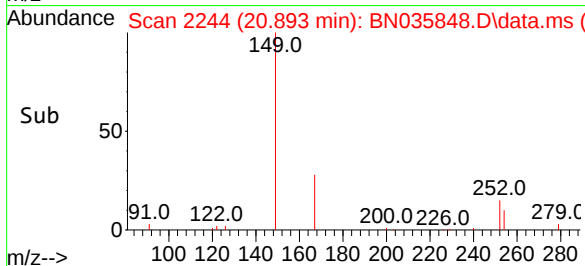
Instrument :
BNA_N
ClientSampleId :
TT188S1-20241219



Tgt Ion:149 Resp: 75
Ion Ratio Lower Upper
149 100
167 25.2 22.2 33.4
279 6.0 2.7 4.1

Manual Integrations
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Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.024 min Scan# 2624
Delta R.T. -0.018 min
Lab File: BN035848.D
Acq: 26 Dec 2024 11:56

Tgt Ion:264 Resp: 9432
Ion Ratio Lower Upper
264 100
260 27.7 21.4 32.2
265 75.9 40.2 60.4

