

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035754.D
 Acq On : 20 Dec 2024 22:33
 Operator : RC/JU
 Sample : P5261-04DL 2X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20241209DL

Quant Time: Dec 21 01:44:17 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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2884	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7124	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	4697	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	9314	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	7920	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	7852	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	469	0.065	ng	0.00
5) Phenol-d6	6.492	99	208	0.024	ng	0.00
8) Nitrobenzene-d5	8.418	82	923m	0.212	ng	0.01
11) 2-Methylnaphthalene-d10	11.626	152	2194	0.197	ng	0.00
14) 2,4,6-Tribromophenol	15.464	330	339	0.102	ng	0.01
15) 2-Fluorobiphenyl	12.544	172	3315	0.187	ng	0.00
27) Fluoranthene-d10	18.761	212	5835	0.221	ng	0.00
31) Terphenyl-d14	19.389	244	5098	0.326	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	9475	3.437	ng	98
34) Bis(2-ethylhexyl)phtha...	20.902	149	557	0.051	ng	# 90

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

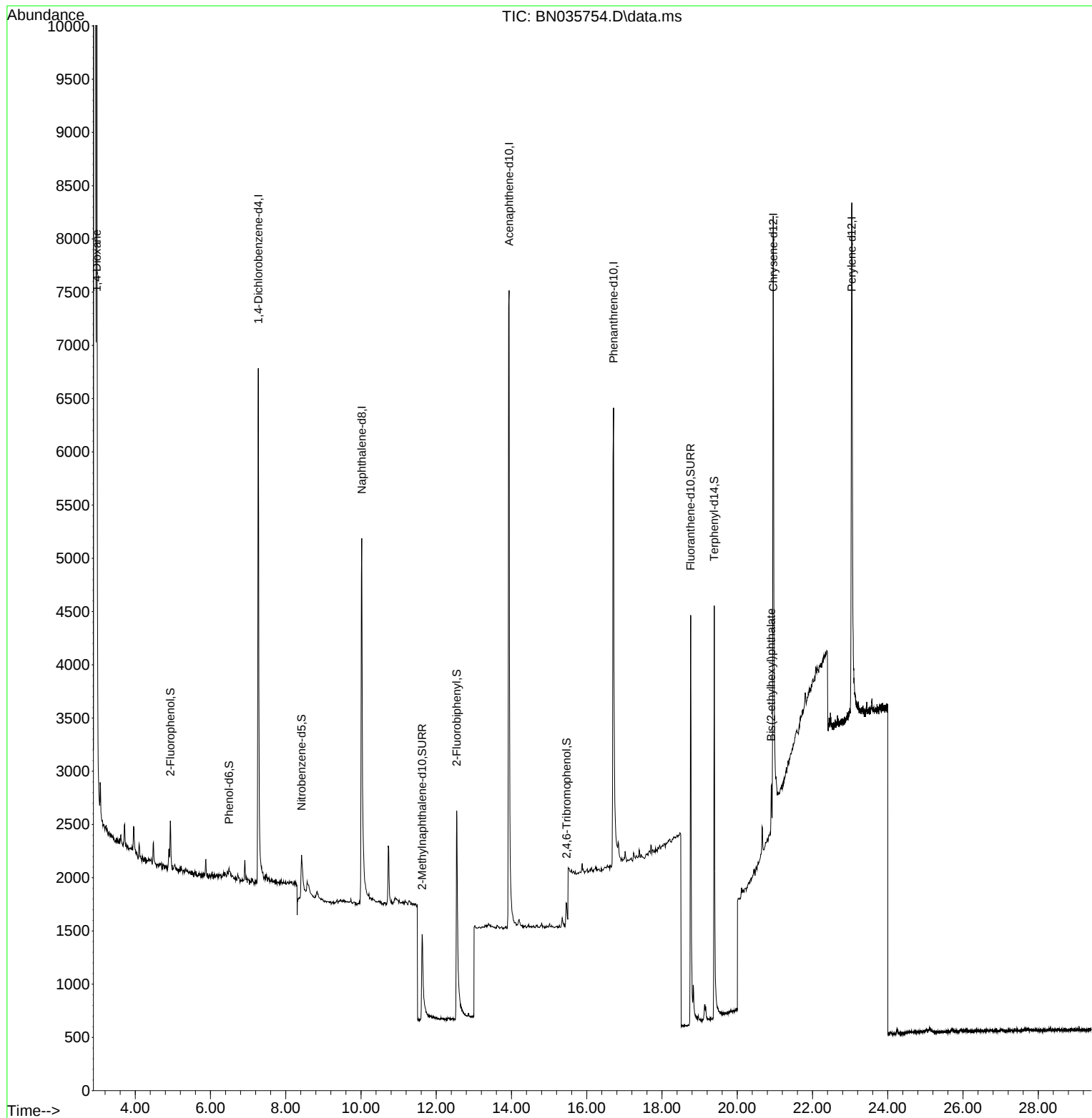
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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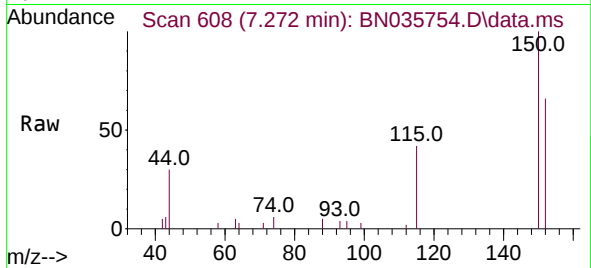
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Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

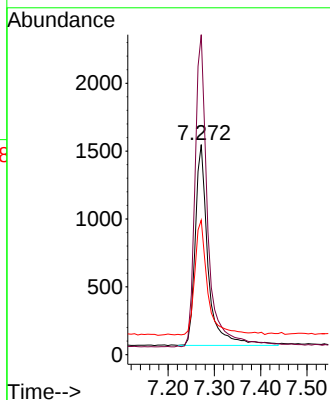
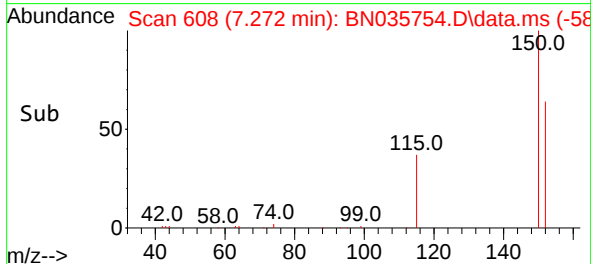
Instrument :
BNA_N
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Tgt Ion:152 Resp: 2884
Ion Ratio Lower Upper
152 100
150 152.3 124.0 186.0
115 64.0 49.6 74.4

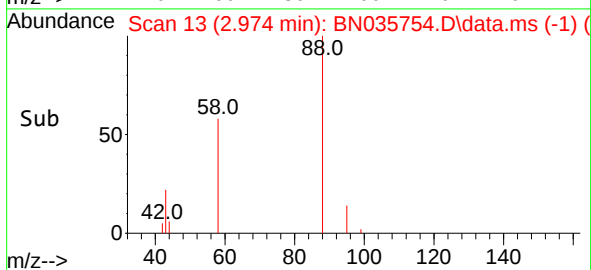
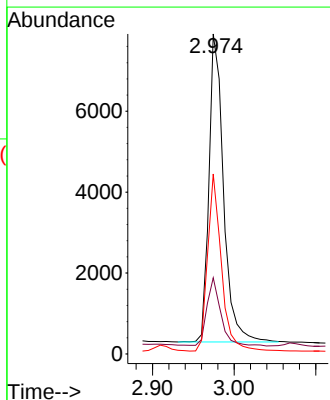
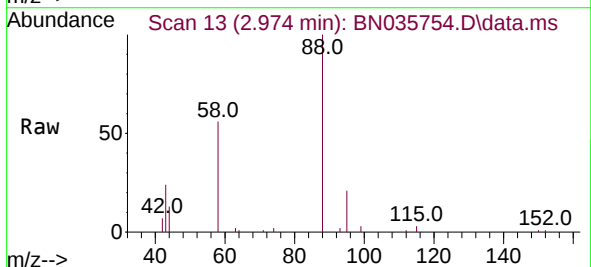
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#2
1,4-Dioxane
Concen: 3.437 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

Tgt Ion: 88 Resp: 9475
Ion Ratio Lower Upper
88 100
43 21.0 17.2 25.8
58 54.3 44.5 66.7





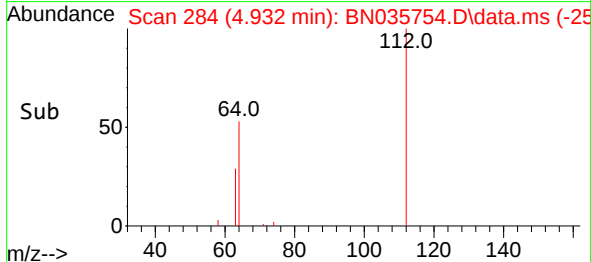
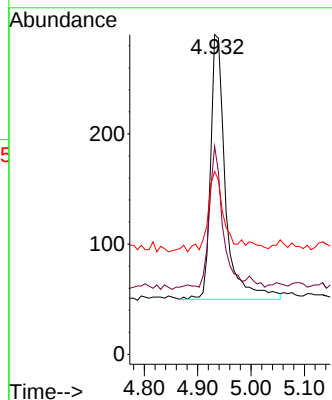
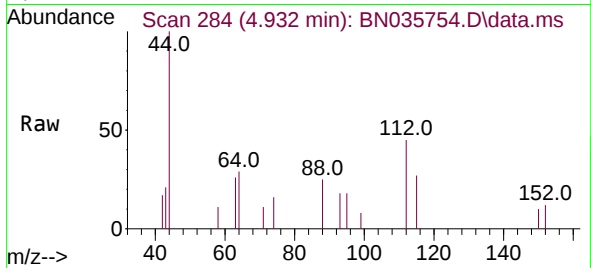
#4
2-Fluorophenol
Concen: 0.065 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209DL

Tgt Ion:112 Resp: 469
Ion Ratio Lower Upper
112 100
64 45.6 39.8 59.8
63 31.1 21.0 31.6

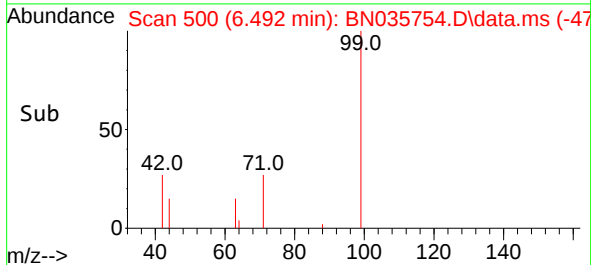
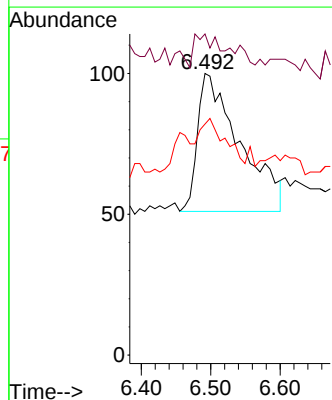
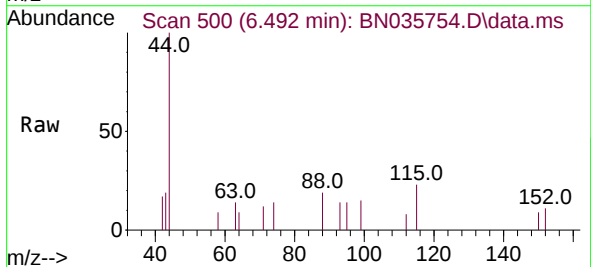
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#5
Phenol-d6
Concen: 0.024 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

Tgt Ion: 99 Resp: 208
Ion Ratio Lower Upper
99 100
42 0.0 11.4 17.2#
71 20.2 29.3 43.9#





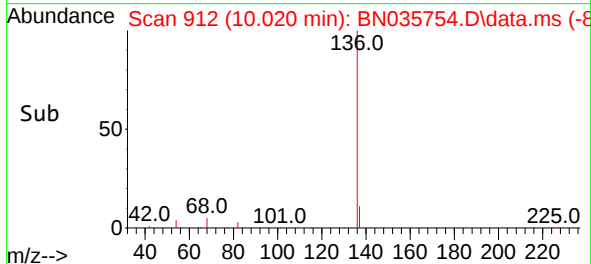
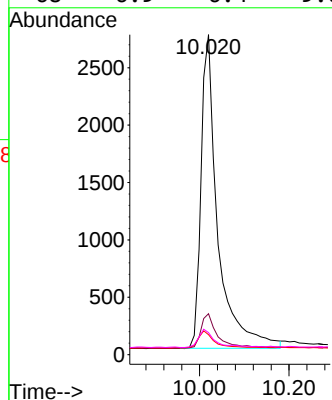
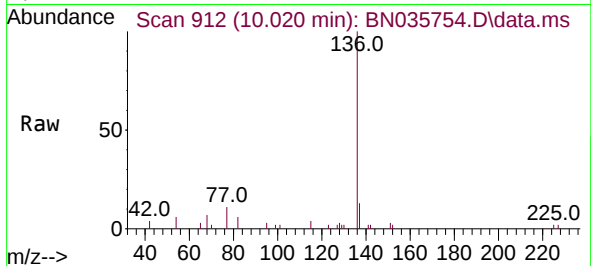
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

Instrument :
BNA_N
ClientSampleId :
RE103D1-20241209DL

Tgt Ion:136	Resp:	7124
Ion Ratio	Lower	Upper
136	100	
137	12.8	10.2 15.2
54	6.2	6.1 9.1
68	6.9	6.4 9.6

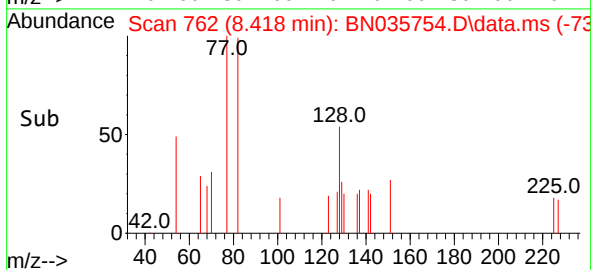
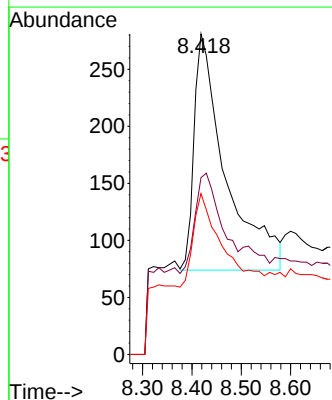
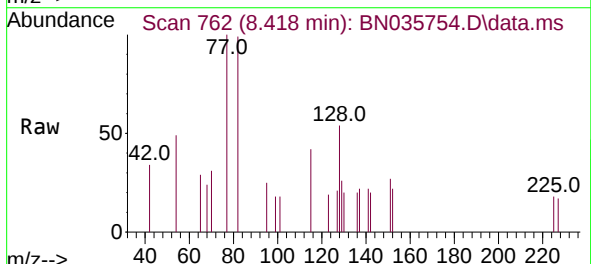
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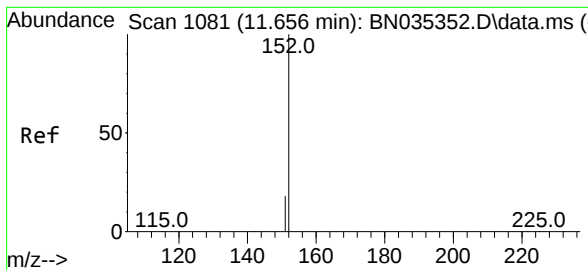
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Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.212 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

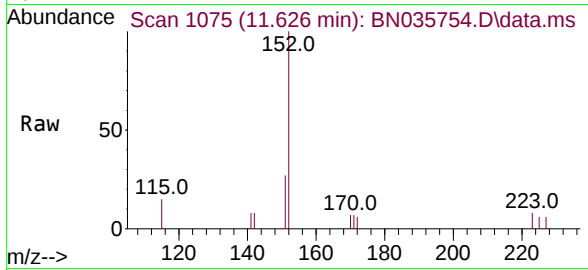
Tgt Ion: 82	Resp:	923
Ion Ratio	Lower	Upper
82	100	
128	55.2	33.4 50.0#
54	50.2	36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 11.626 min Scan# 1075
Delta R.T. 0.005 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

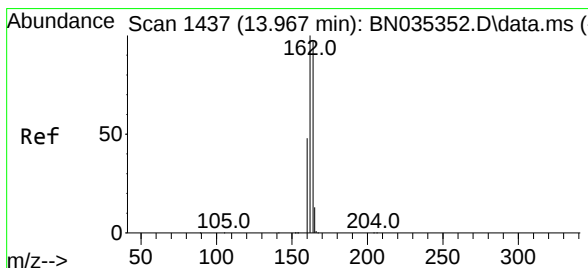
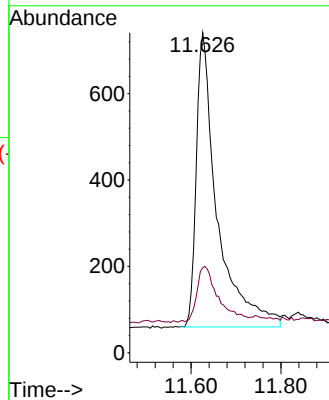
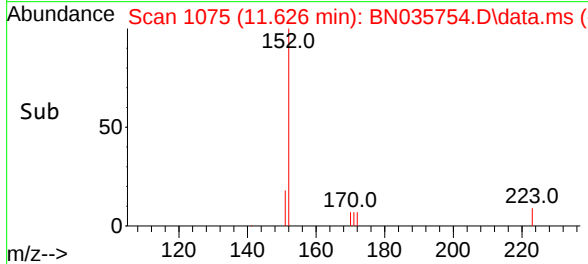
Instrument :
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ClientSampleId :
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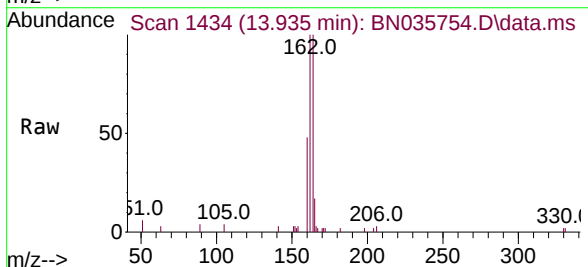
Tgt Ion:152 Resp: 2194
Ion Ratio Lower Upper
152 100
151 19.0 16.6 25.0

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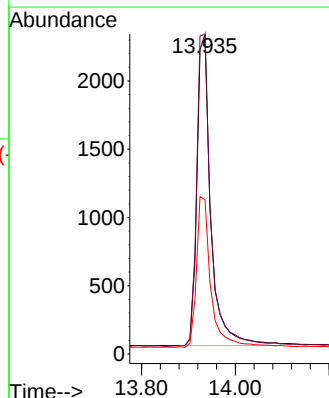
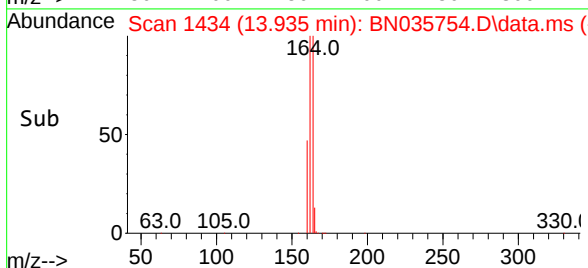
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33



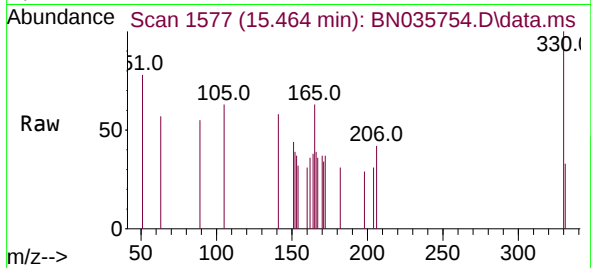
Tgt Ion:164 Resp: 4697
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 48.2 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 15.464 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

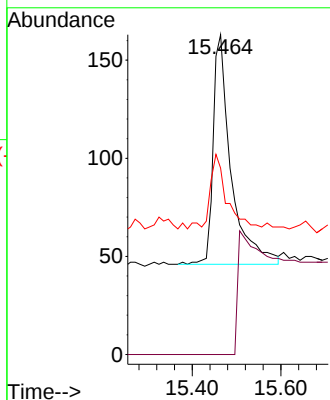
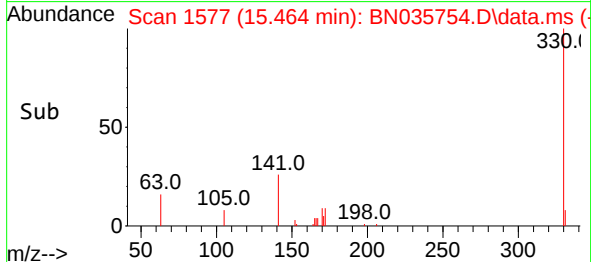
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ClientSampleId :
RE103D1-20241209DL



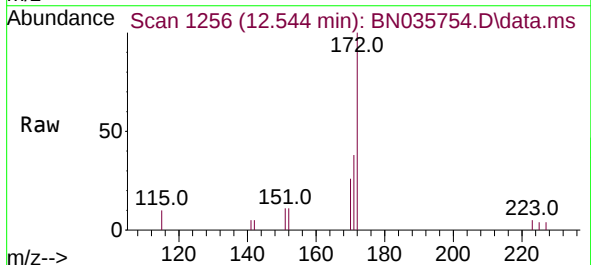
Tgt Ion: 330 Resp: 339
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 26.6 40.0

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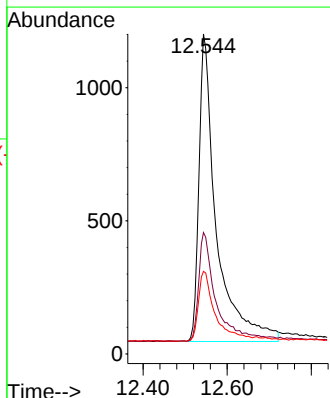
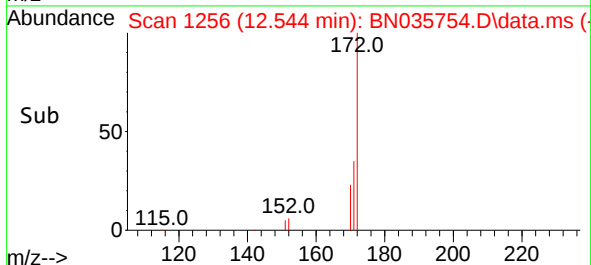
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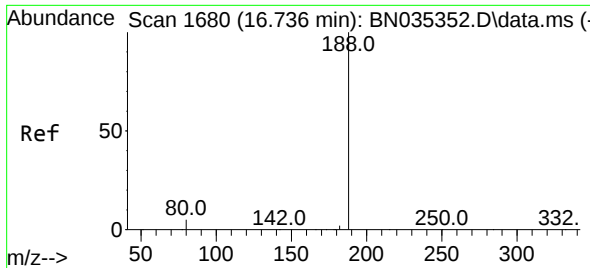


#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33



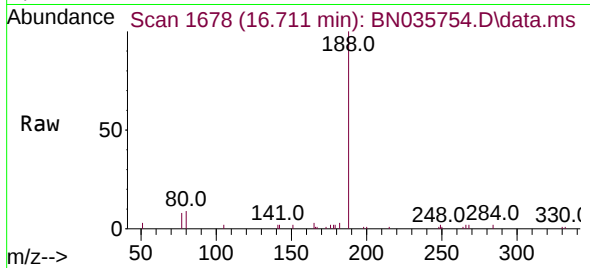
Tgt Ion: 172 Resp: 3315
Ion Ratio Lower Upper
172 100
171 37.9 29.0 43.4
170 25.8 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 10
Delta R.T. 0.012 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

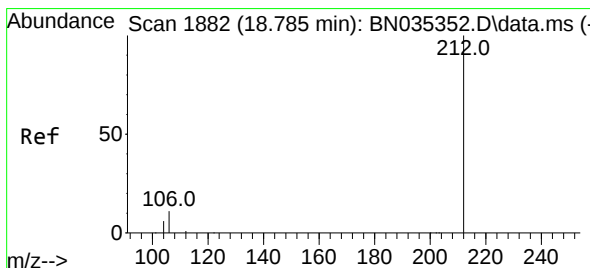
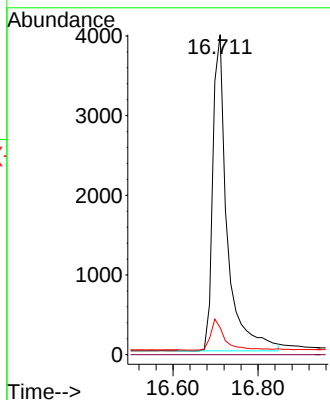
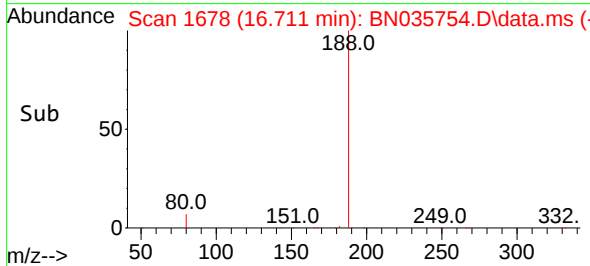
Instrument :
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Tgt Ion:188 Resp: 9314
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 4.6 6.8

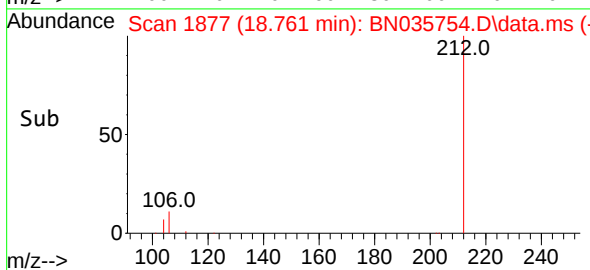
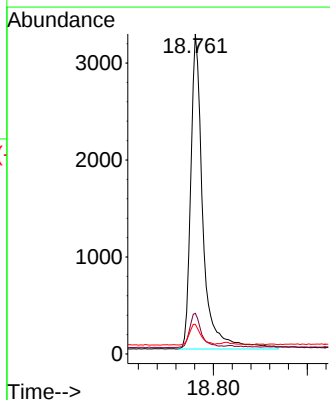
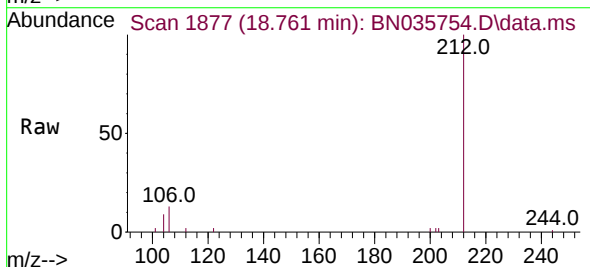
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#27
Fluoranthene-d10
Concen: 0.221 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

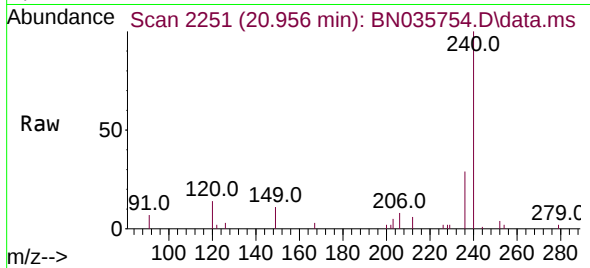
Tgt Ion:212 Resp: 5835
Ion Ratio Lower Upper
212 100
106 10.6 9.2 13.8
104 6.2 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

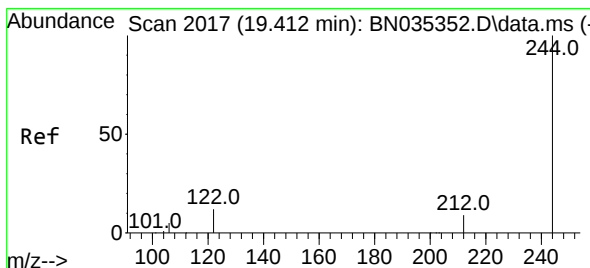
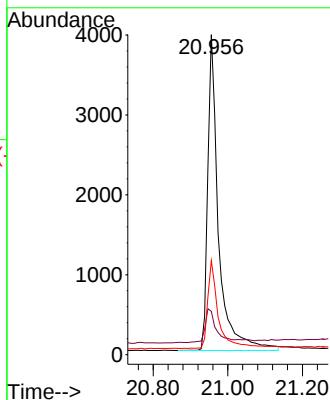
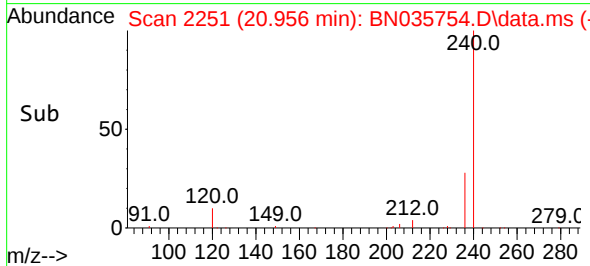
Instrument :
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Tgt Ion:240 Resp: 7920
Ion Ratio Lower Upper
240 100
120 13.5 7.9 11.9
236 29.4 22.9 34.3

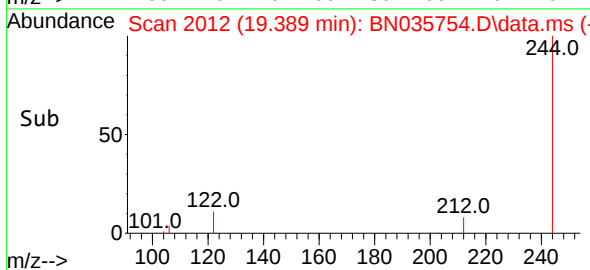
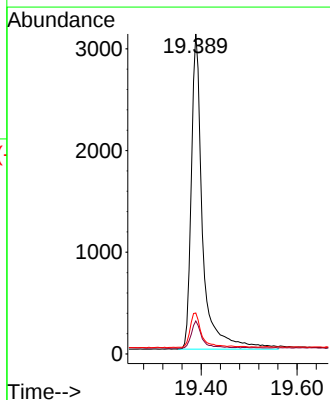
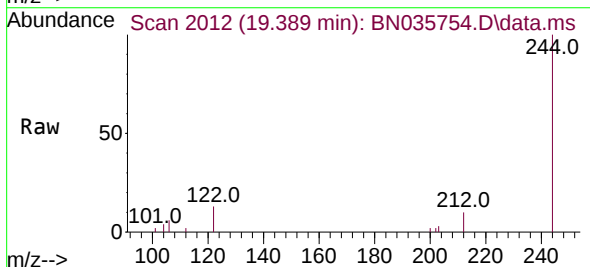
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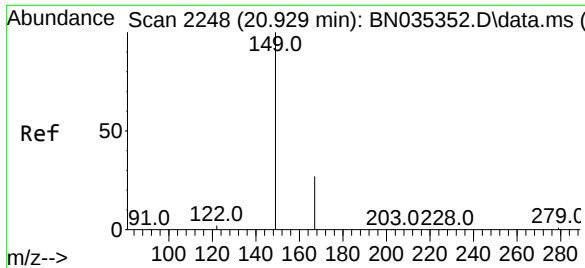
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.326 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

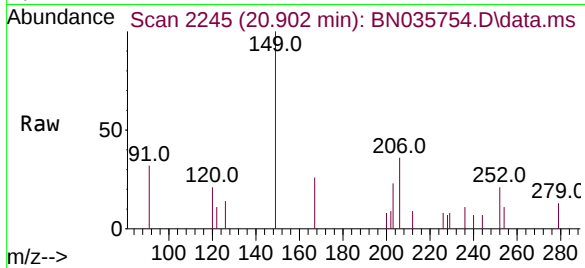
Tgt Ion:244 Resp: 5098
Ion Ratio Lower Upper
244 100
212 10.3 8.1 12.1
122 12.8 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035754.D
Acq: 20 Dec 2024 22:33

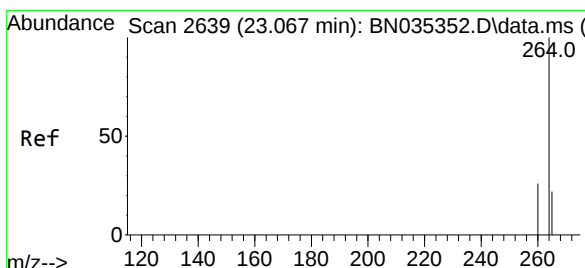
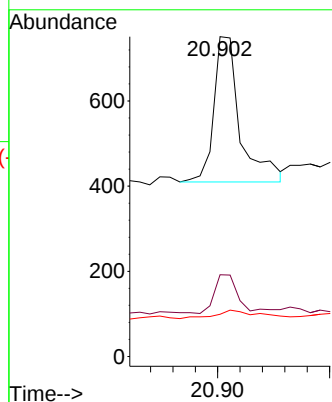
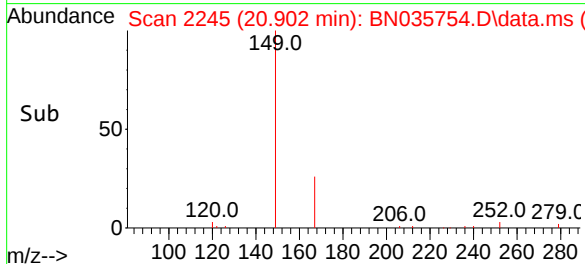
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:149 Resp: 55
Ion Ratio Lower Upper
149 100
167 23.0 22.2 33.4
279 9.5 2.7 4.1

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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: BN035754.D
Acq: 20 Dec 2024 22:33

Tgt Ion:264 Resp: 7852
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 86.2 40.2 60.4

