

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035773.D
 Acq On : 21 Dec 2024 10:01
 Operator : RC/JU
 Sample : P5317-18
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20241217

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:49:37 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	7.264	152	2818	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7511	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4843	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9927	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	7963	0.400	ng	0.00
35) Perylene-d12	23.038	264	8020	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	713	0.101	ng	0.00
5) Phenol-d6	6.484	99	434	0.051	ng	0.00
8) Nitrobenzene-d5	8.408	82	1678m	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	3967	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	570	0.166	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	6065	0.331	ng	0.00
27) Fluoranthene-d10	18.752	212	11444	0.407	ng	0.00
31) Terphenyl-d14	19.384	244	8650	0.551	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	16481	6.118	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	1256	0.114	ng	# 94

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

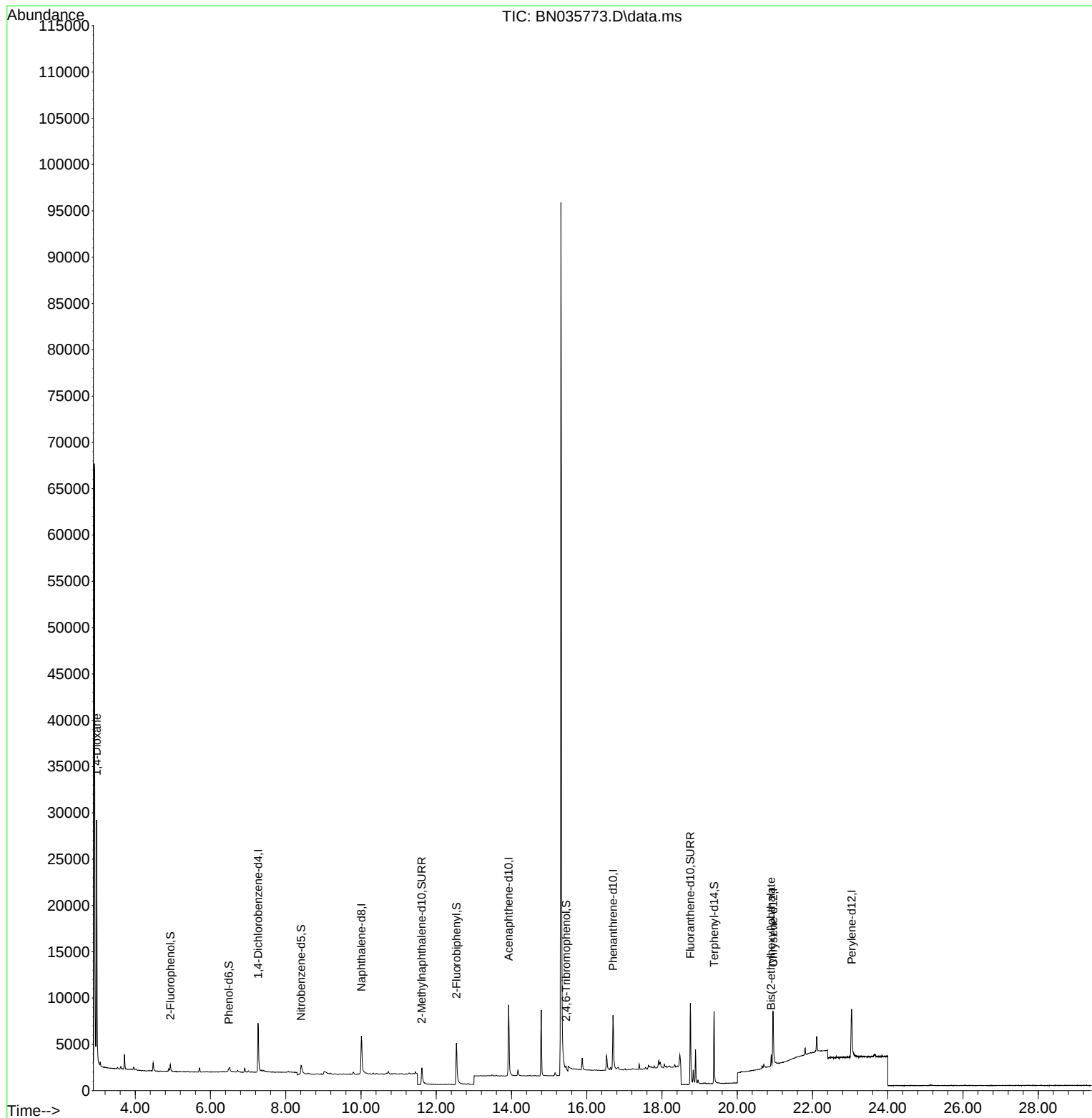
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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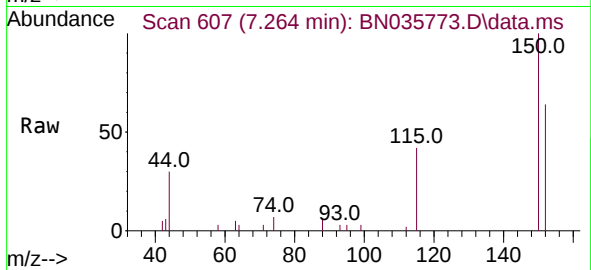
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

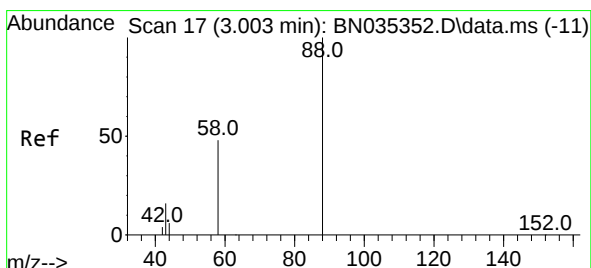
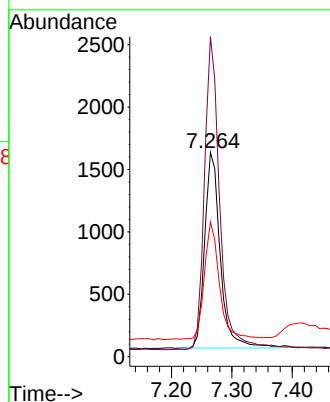
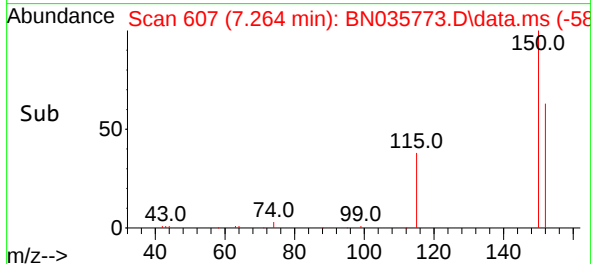
Instrument :
BNA_N
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Tgt Ion: 152 Resp: 2818
Ion Ratio Lower Upper
152 100
150 156.6 124.0 186.0
115 66.0 49.6 74.4

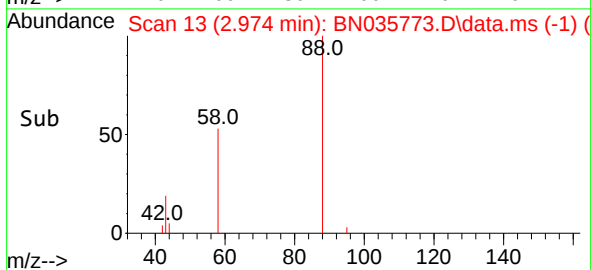
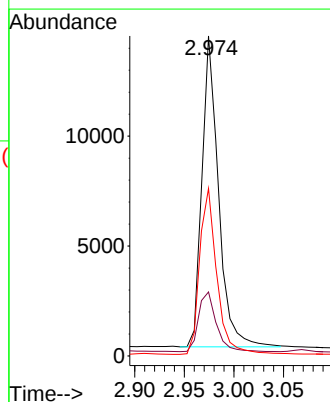
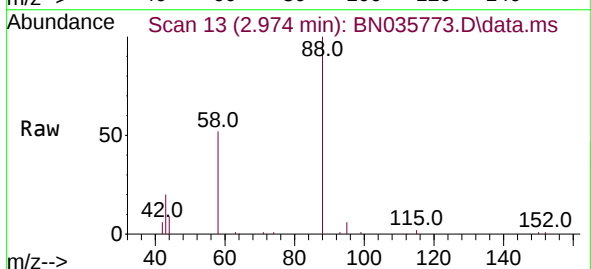
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Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 6.118 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

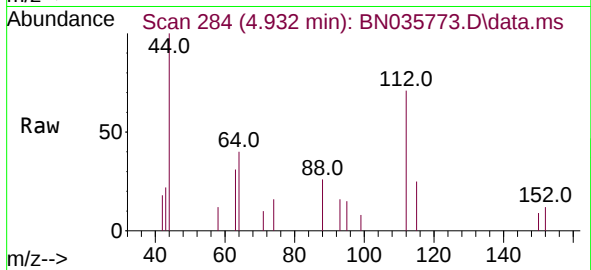
Tgt Ion: 88 Resp: 16481
Ion Ratio Lower Upper
88 100
43 20.7 17.2 25.8
58 55.4 44.5 66.7





#4
2-Fluorophenol
Concen: 0.101 ng
RT: 4.932 min Scan# 211
Delta R.T. -0.007 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

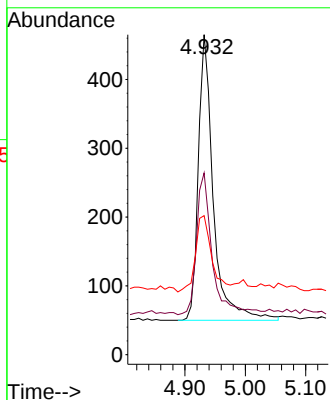
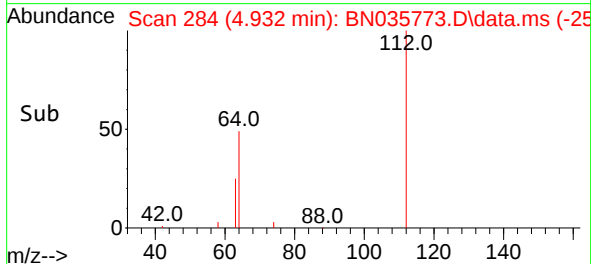
Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217



Tgt Ion: 112 Resp: 711
Ion Ratio Lower Upper
112 100
64 52.0 39.8 59.8
63 29.0 21.0 31.6

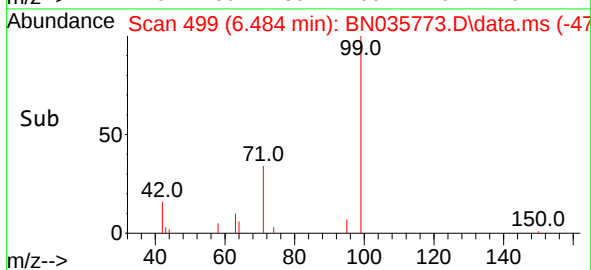
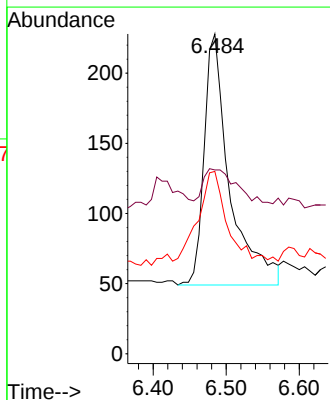
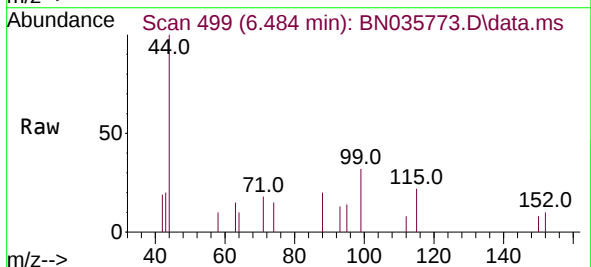
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#5
Phenol-d6
Concen: 0.051 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

Tgt Ion: 99 Resp: 434
Ion Ratio Lower Upper
99 100
42 19.6 11.4 17.2#
71 41.9 29.3 43.9





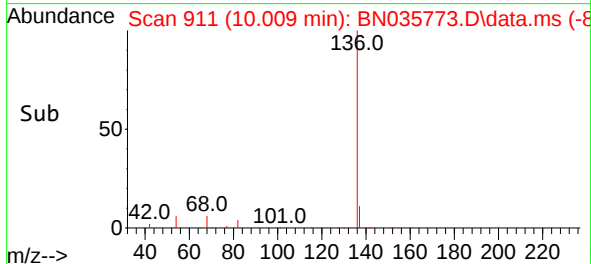
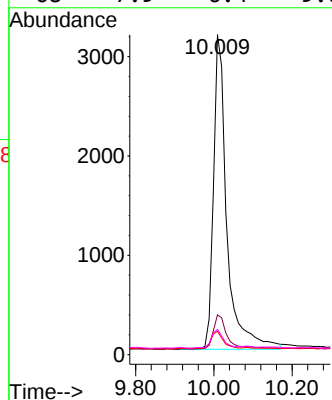
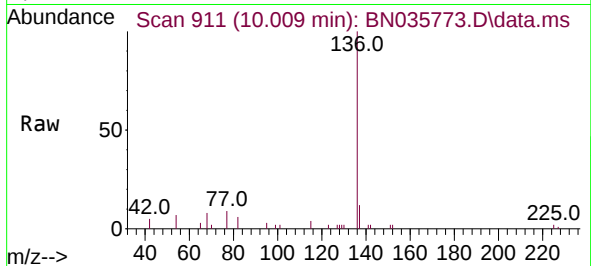
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217

Tgt Ion:	136	Resp:	751
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.2	15.2
54	7.3	6.1	9.1
68	7.9	6.4	9.6

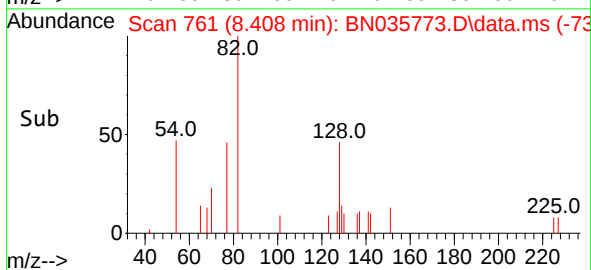
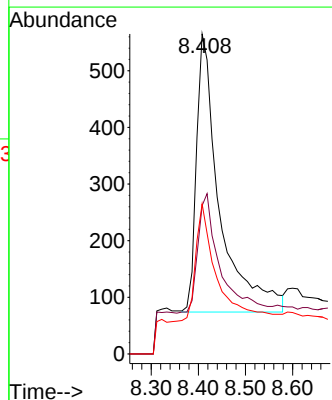
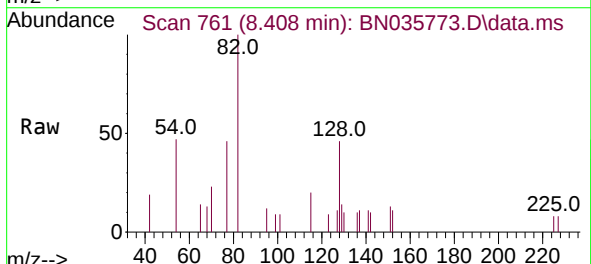
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#8
Nitrobenzene-d5
Concen: 0.366 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

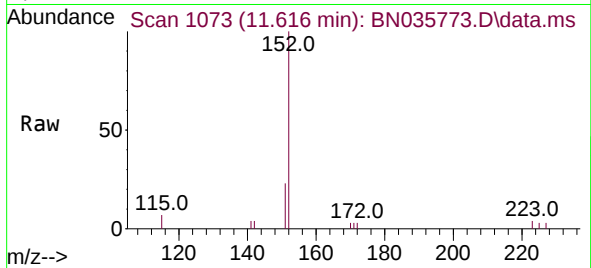
Tgt Ion:	82	Resp:	1678
Ion	Ratio	Lower	Upper
82	100		
128	46.4	33.4	50.0
54	46.9	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.616 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

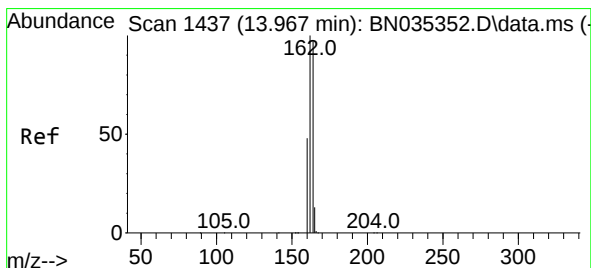
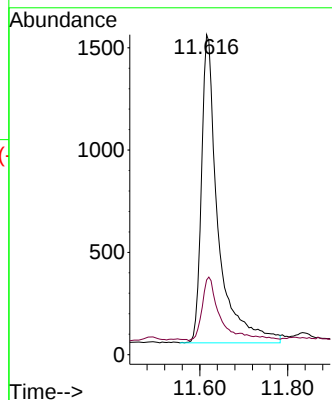
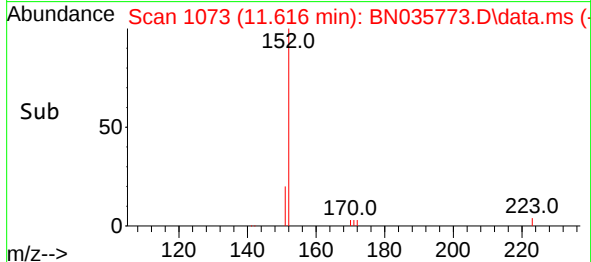
Instrument :
BNA_N
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RE132D5-20241217



Tgt Ion:152 Resp: 396
Ion Ratio Lower Upper
152 100
151 22.7 16.6 25.0

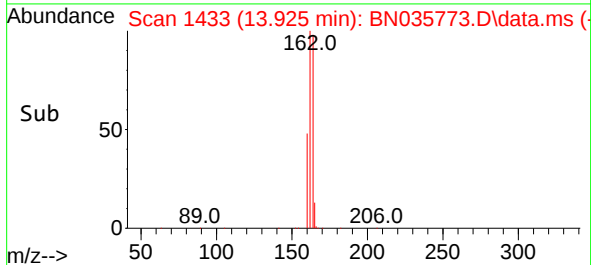
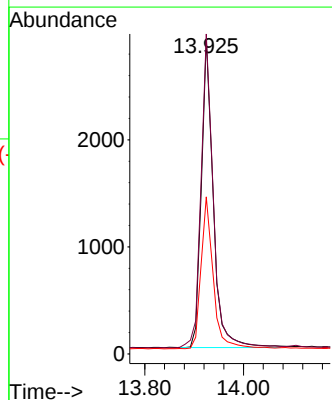
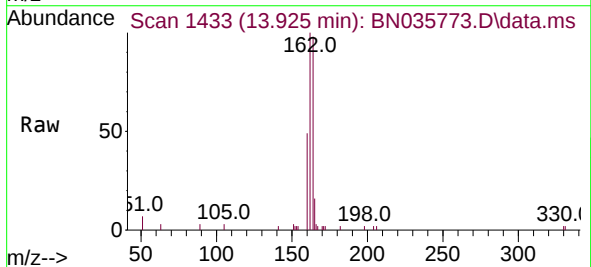
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

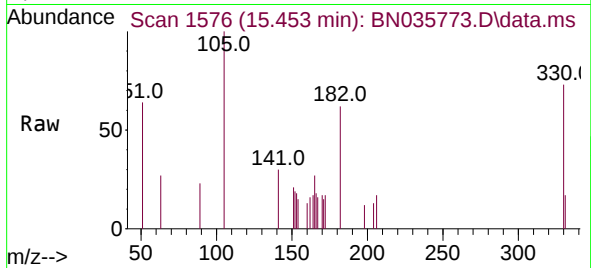
Tgt Ion:164 Resp: 4843
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 49.8 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

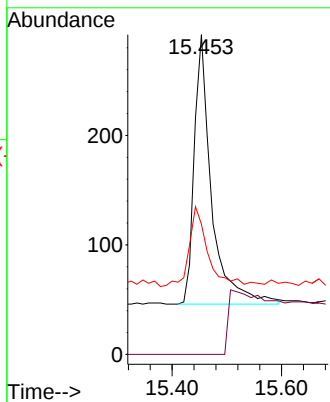
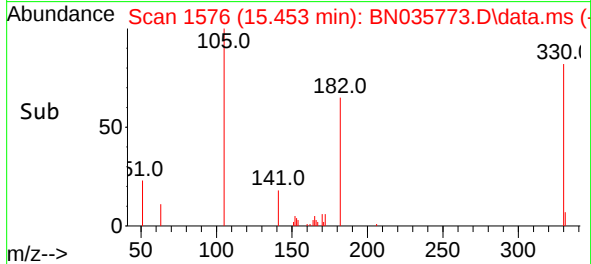
Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217



Tgt Ion:330 Resp: 570
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 26.6 40.0

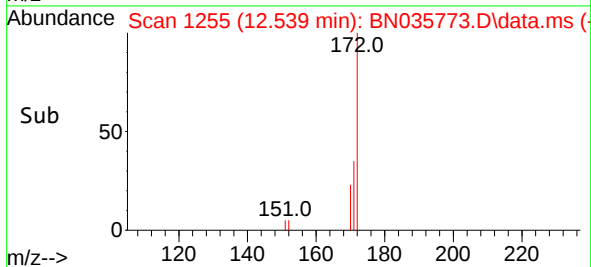
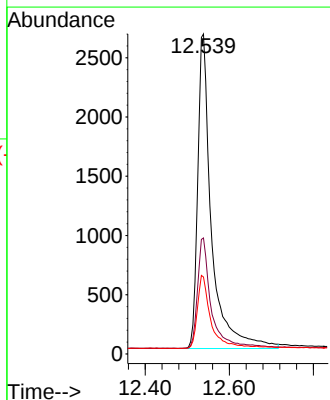
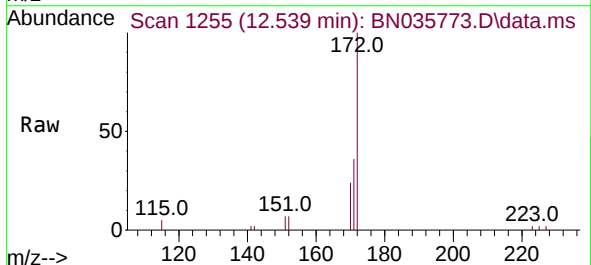
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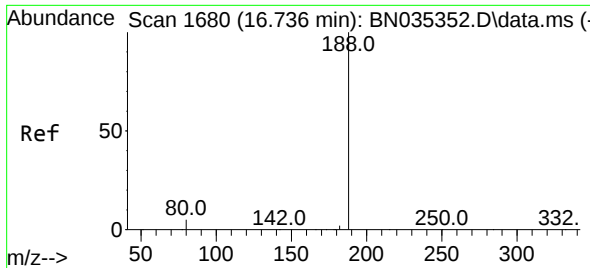
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

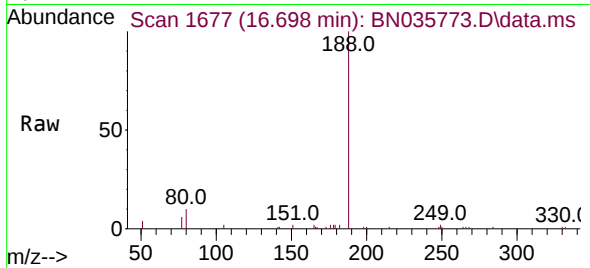
Tgt Ion:172 Resp: 6065
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.0 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

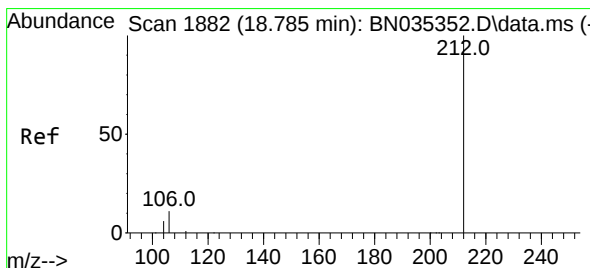
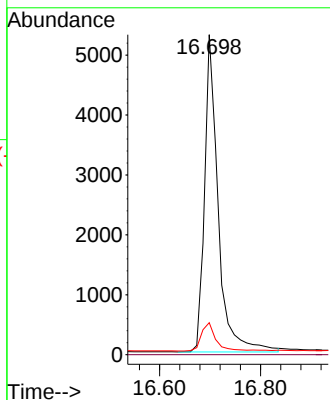
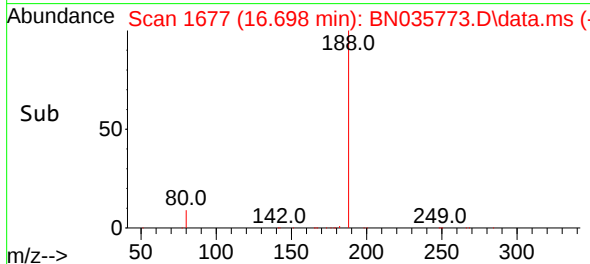
Instrument :
BNA_N
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RE132D5-20241217



Tgt Ion:188 Resp: 992
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 4.6 6.8

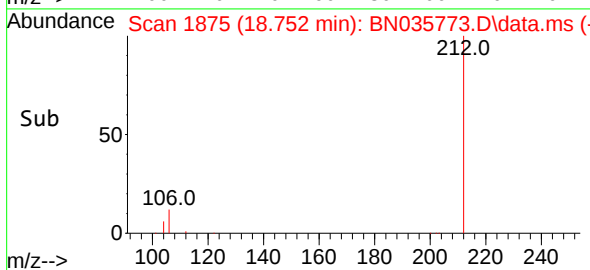
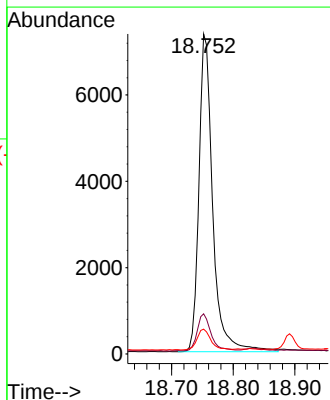
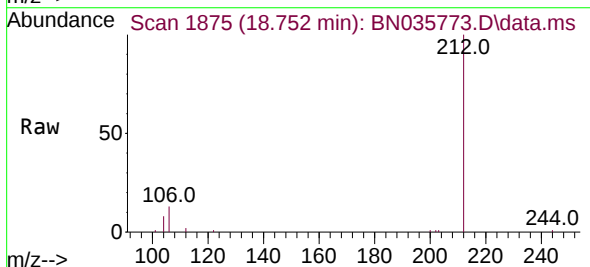
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Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

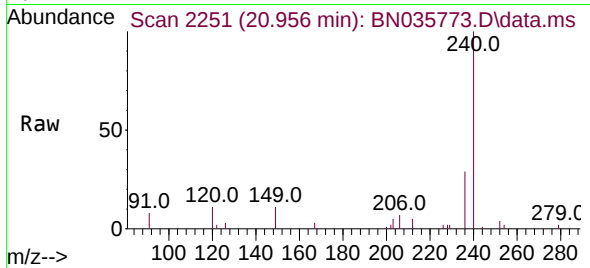
Tgt Ion:212 Resp: 11444
Ion Ratio Lower Upper
212 100
106 11.5 9.2 13.8
104 6.6 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

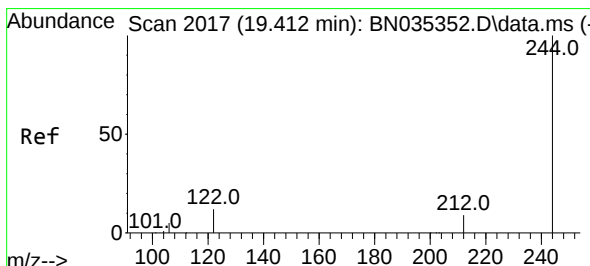
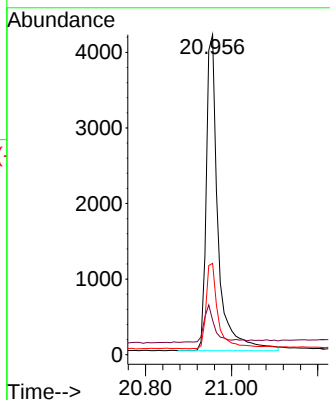
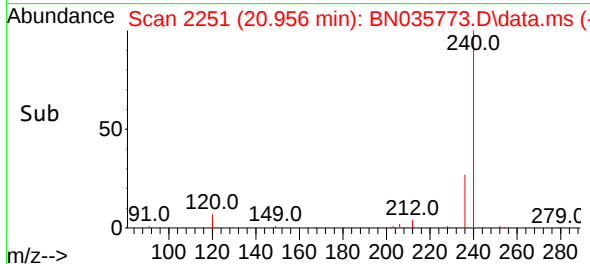
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:240 Resp: 796
Ion Ratio Lower Upper
240 100
120 10.7 7.9 11.9
236 28.5 22.9 34.3

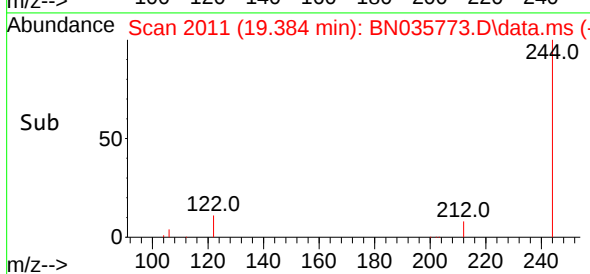
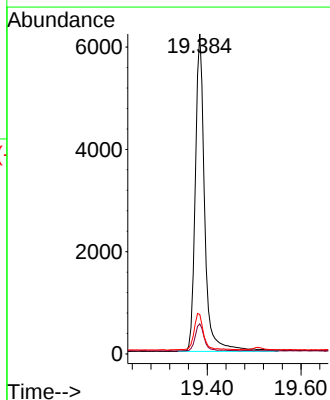
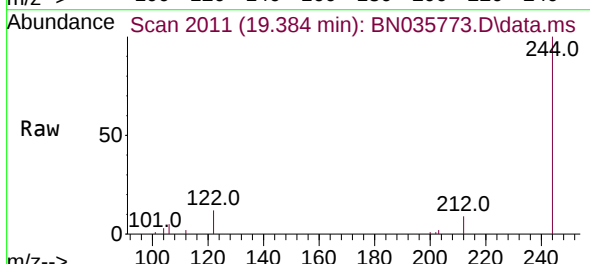
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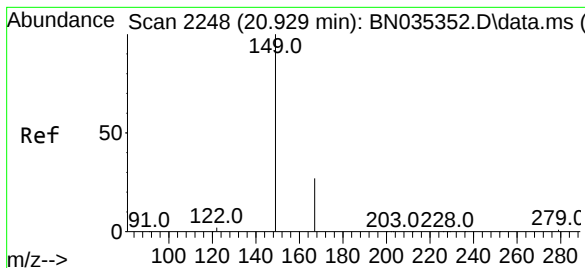
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.551 ng
RT: 19.384 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

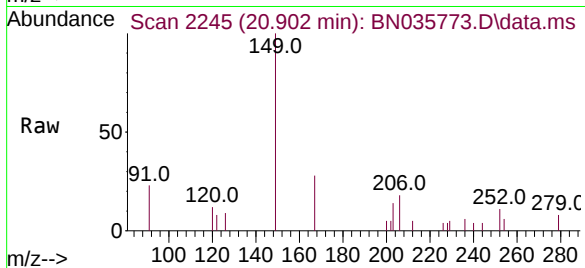
Tgt Ion:244 Resp: 8650
Ion Ratio Lower Upper
244 100
212 9.4 8.1 12.1
122 12.4 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

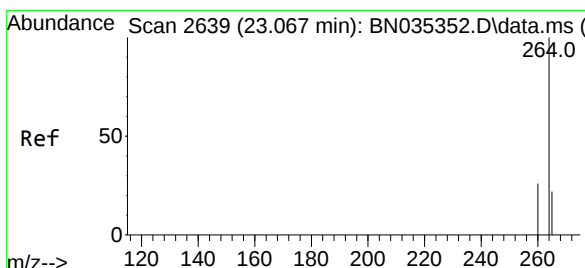
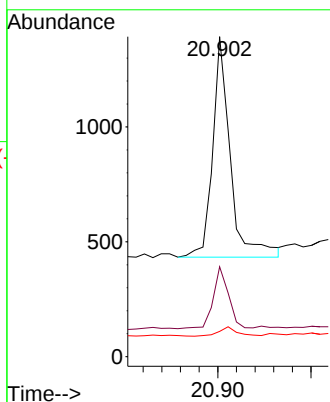
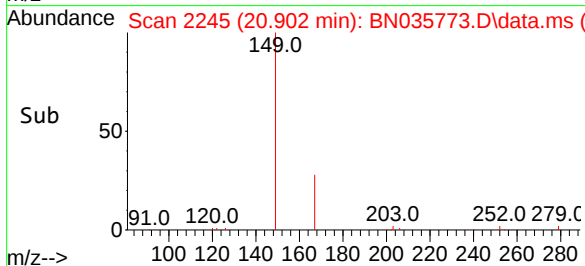
Instrument :
BNA_N
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Tgt Ion:149 Resp: 1250
Ion Ratio Lower Upper
149 100
167 24.3 22.2 33.4
279 4.5 2.7 4.1

Manual Integrations
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#35
Perylene-d12
Concen: 0.400 ng
RT: 23.038 min Scan# 2629
Delta R.T. -0.003 min
Lab File: BN035773.D
Acq: 21 Dec 2024 10:01

Tgt Ion:264 Resp: 8020
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.2
265 82.9 40.2 60.4

