

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035727.D
 Acq On : 20 Dec 2024 04:58
 Operator : RC/JU
 Sample : P5261-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20241210

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 05:26:08 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	7.271	152	2945	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7549	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	4981	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	9724	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8463	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	8724	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	947	0.128	ng	0.00
5) Phenol-d6	6.499	99	510	0.058	ng	0.00
8) Nitrobenzene-d5	8.418	82	1928m	0.418	ng	0.01
11) 2-Methylnaphthalene-d10	11.631	152	4408	0.373	ng	0.00
14) 2,4,6-Tribromophenol	15.464	330	660	0.187	ng	0.01
15) 2-Fluorobiphenyl	12.549	172	6271	0.333	ng	0.00
27) Fluoranthene-d10	18.761	212	11167	0.405	ng	0.00
31) Terphenyl-d14	19.388	244	8979	0.538	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	286	0.102	ng	# 75
34) Bis(2-ethylhexyl)phtha...	20.911	149	793	0.068	ng	# 97

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

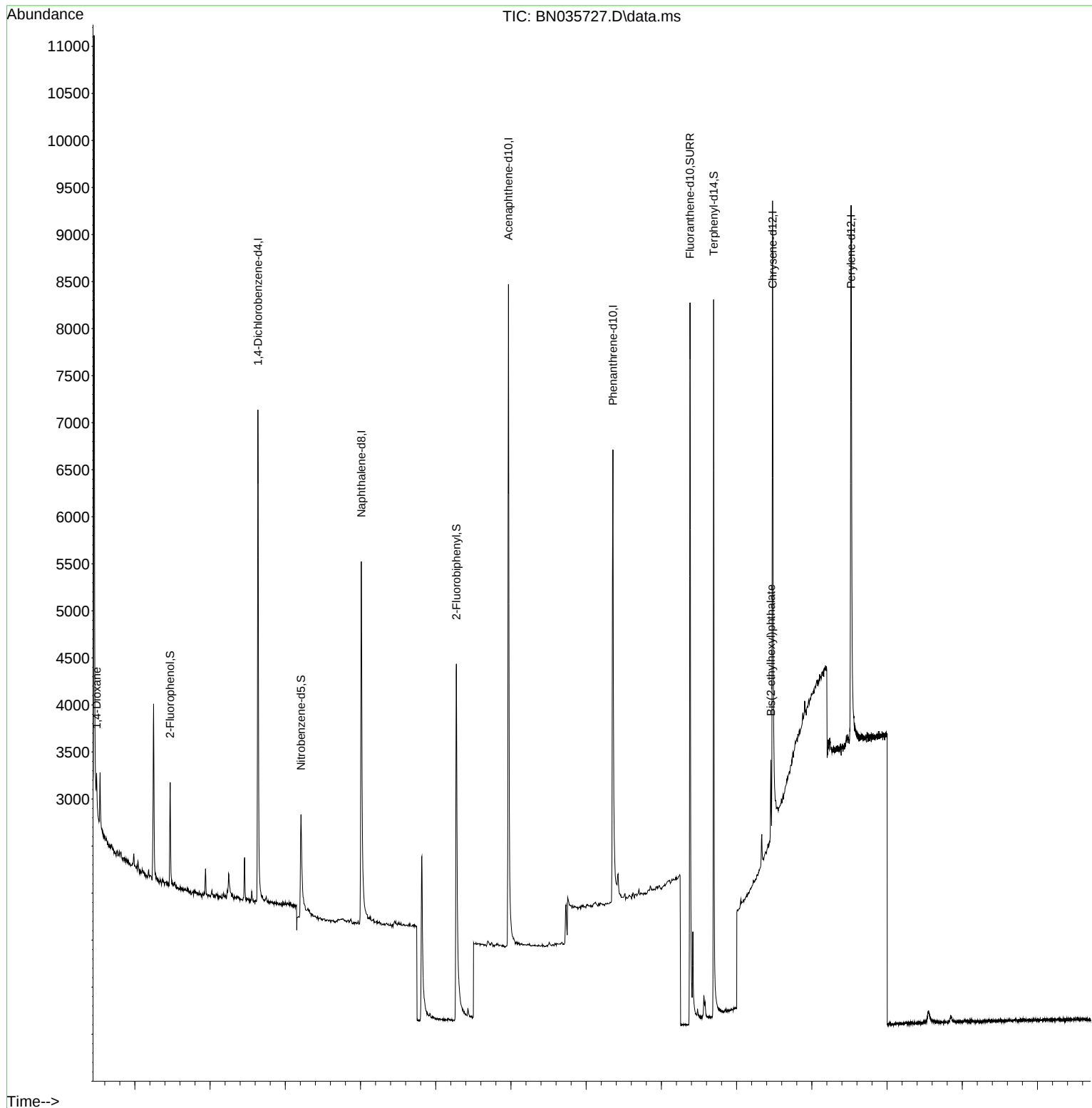
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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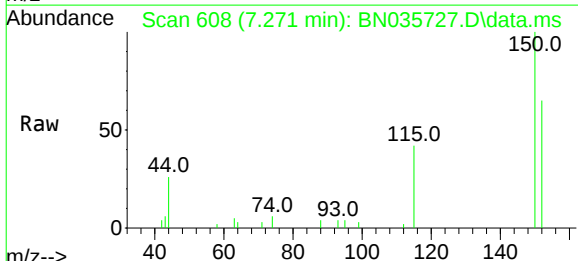
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 608
Delta R.T. -0.001 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

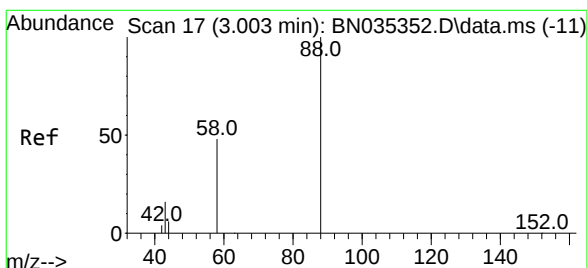
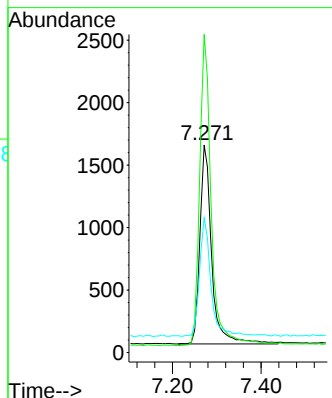
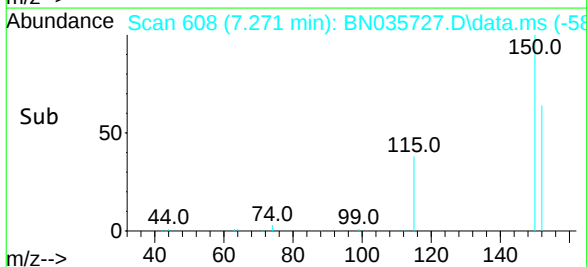
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210



Tgt Ion: 152 Resp: 2945
Ion Ratio Lower Upper
152 100
150 153.3 124.0 186.0
115 64.8 49.6 74.4

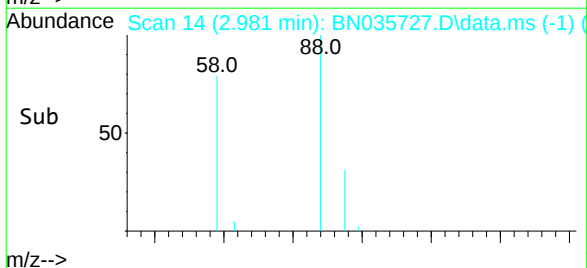
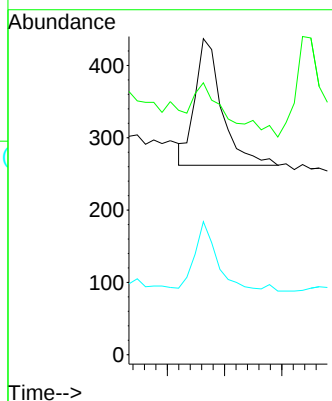
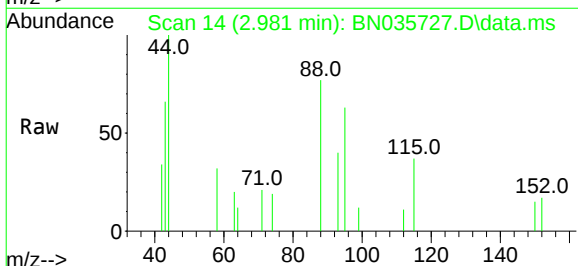
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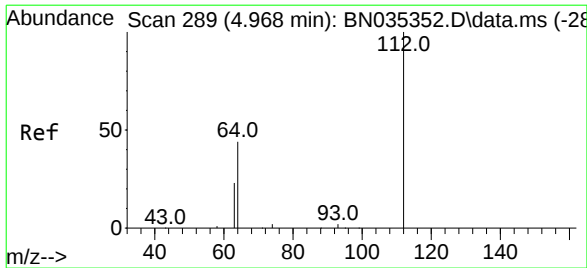
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 0.102 ng
RT: 2.981 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Tgt Ion: 88 Resp: 286
Ion Ratio Lower Upper
88 100
43 51.7 17.2 25.8
58 47.9 44.5 66.7





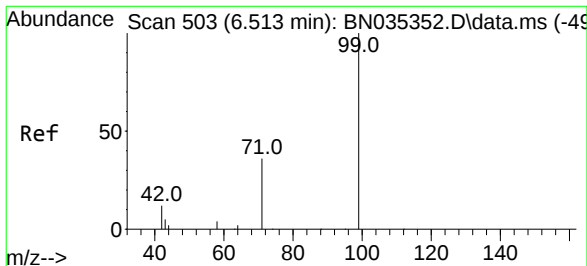
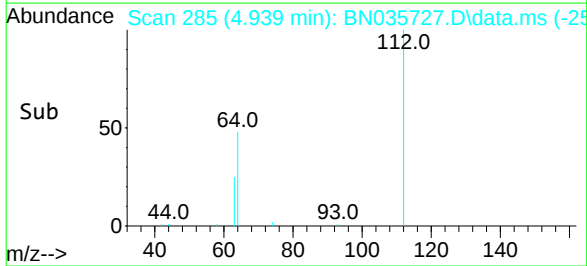
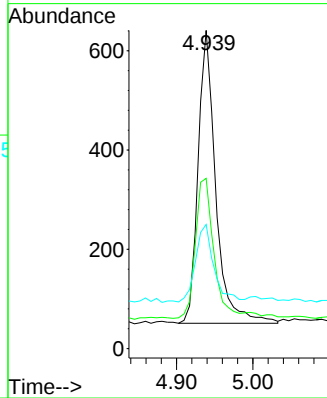
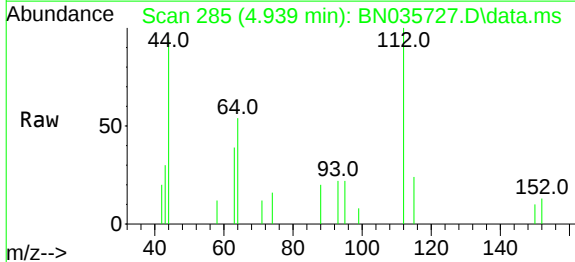
#4
2-Fluorophenol
Concen: 0.128 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210

Tgt Ion:	112	Resp:	947
Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.8	59.8
63	27.7	21.0	31.6

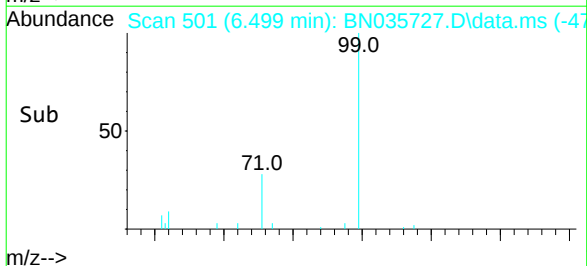
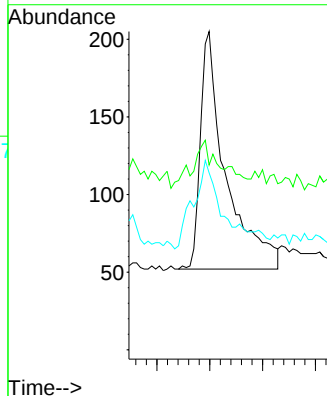
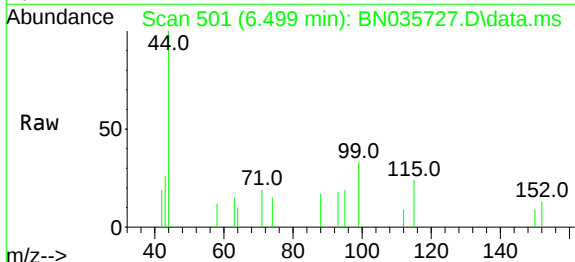
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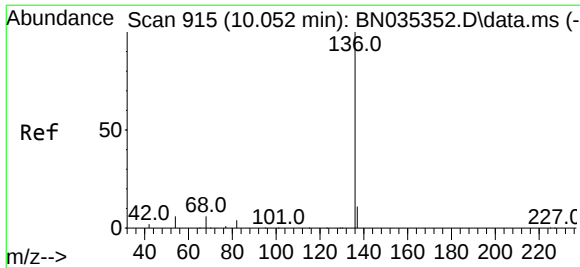
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.499 min Scan# 501
Delta R.T. 0.007 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

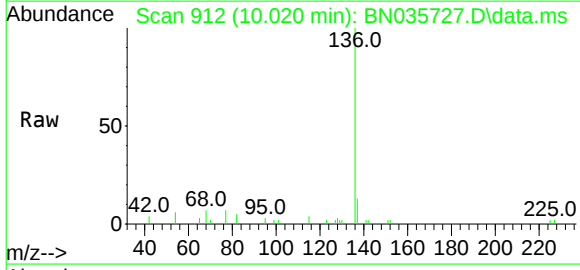
Tgt Ion:	99	Resp:	510
Ion	Ratio	Lower	Upper
99	100		
42	9.8	11.4	17.2
71	42.2	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

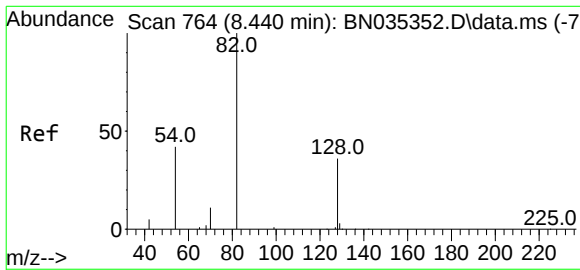
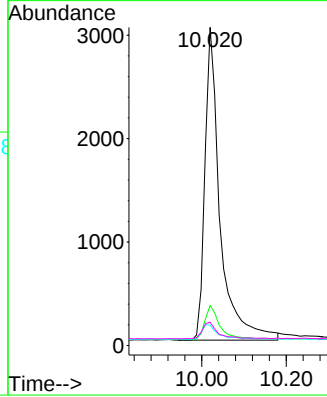
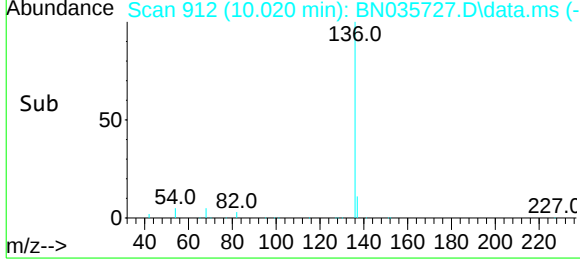
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210



Tgt Ion:	136	Resp:	7549
Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.2	15.2
54	6.4	6.1	9.1
68	7.3	6.4	9.6

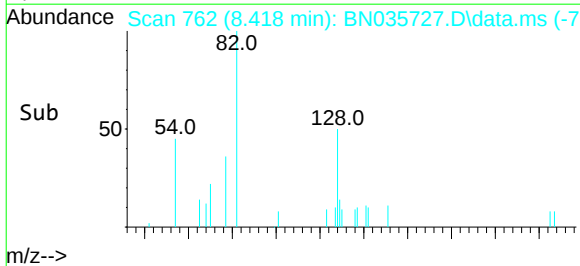
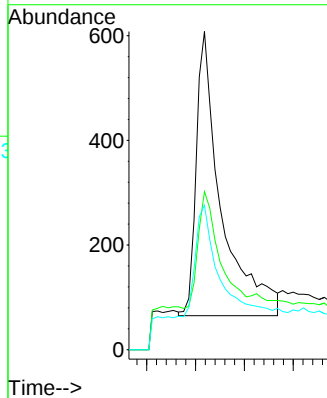
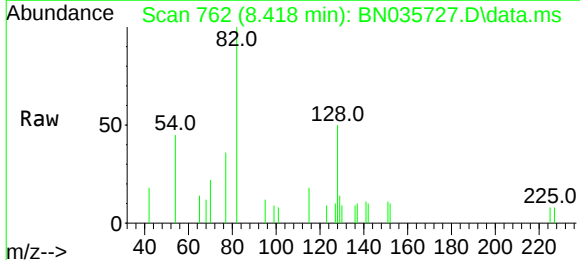
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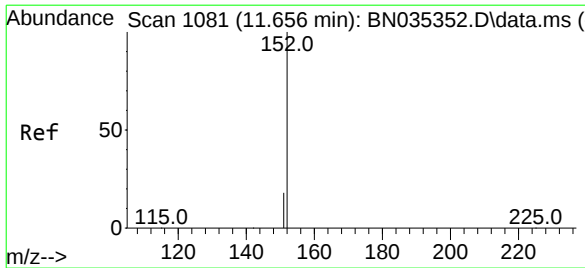
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.418 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

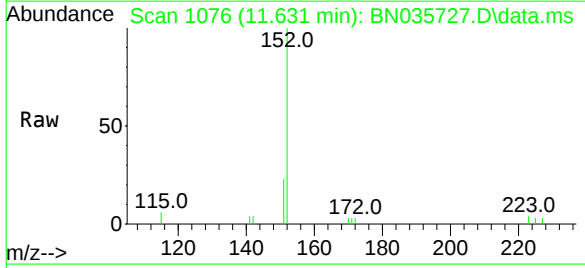
Tgt Ion:	82	Resp:	1928
Ion	Ratio	Lower	Upper
82	100		
128	49.7	33.4	50.0
54	45.4	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.631 min Scan# 1076
Delta R.T. 0.010 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

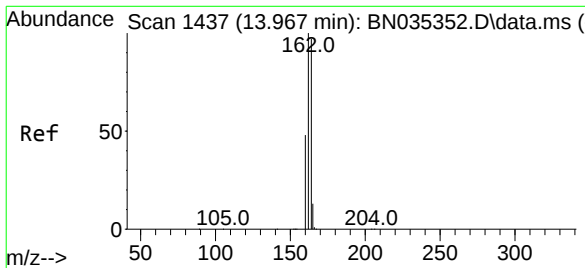
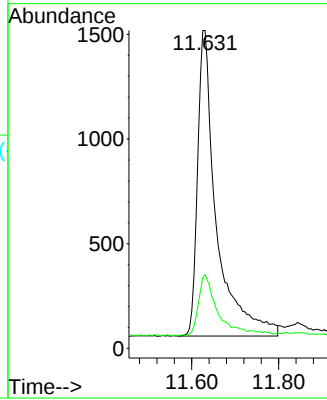
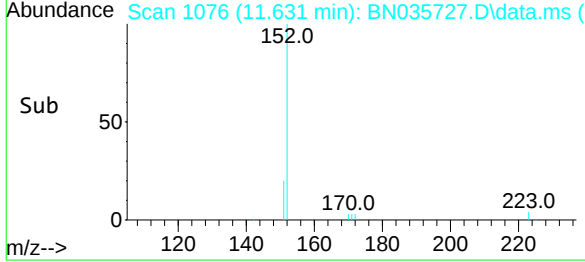
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210



Tgt Ion:152 Resp: 4408
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0

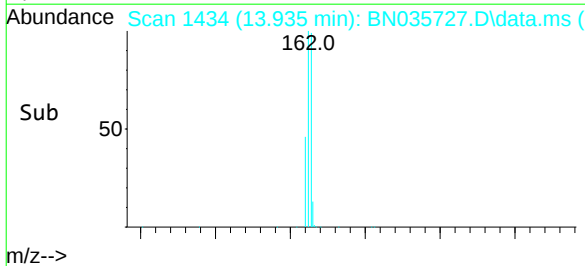
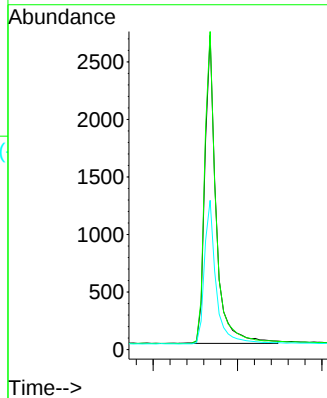
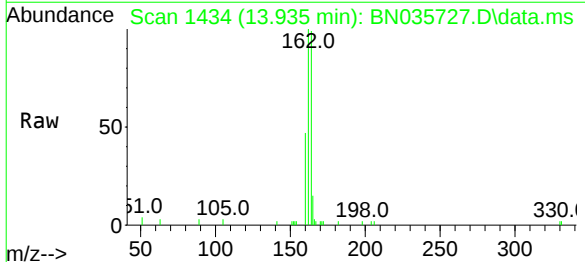
Manual Integrations
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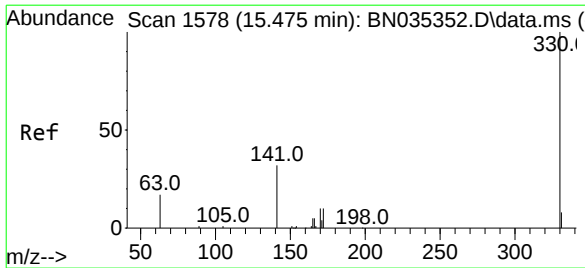
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

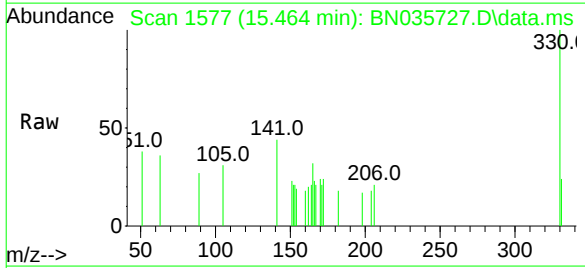
Tgt Ion:164 Resp: 4981
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 47.5 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.464 min Scan# 1578
Delta R.T. 0.010 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

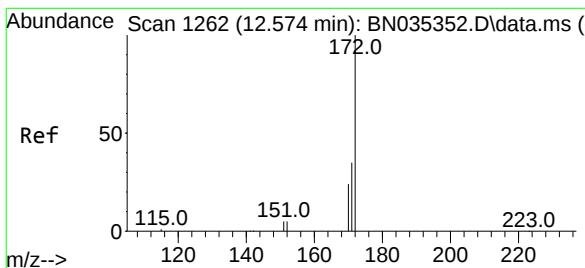
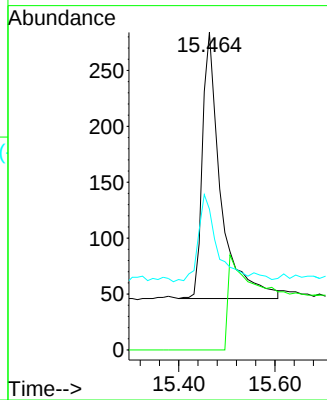
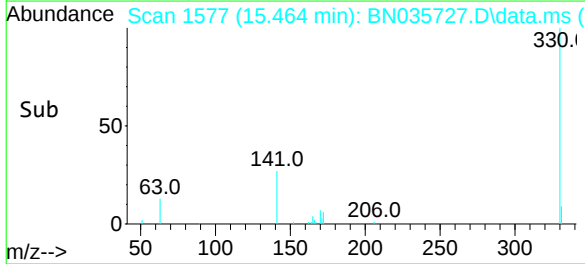
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210



Tgt Ion:	330	Resp:	660
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.4	26.6	40.0

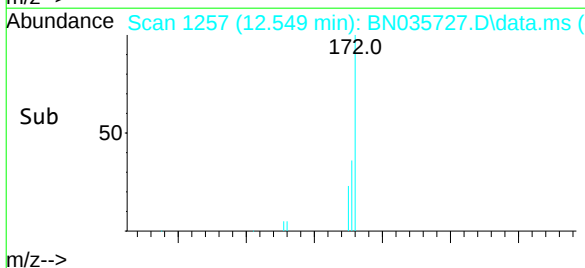
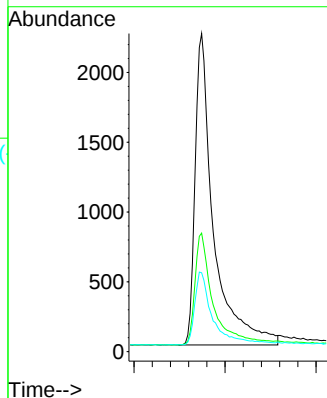
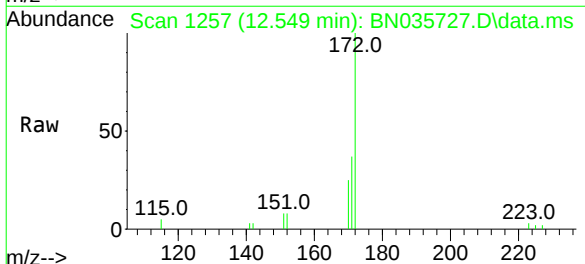
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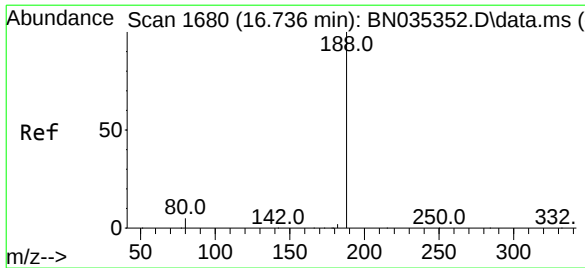
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.549 min Scan# 1257
Delta R.T. 0.005 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Tgt Ion:	172	Resp:	6271
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.4
170	24.8	19.8	29.8





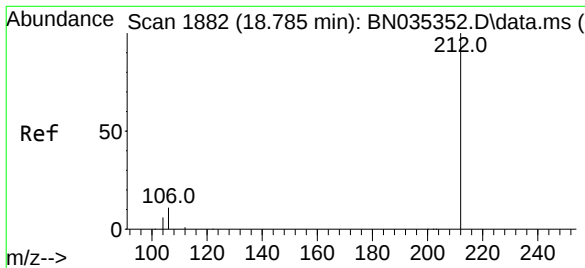
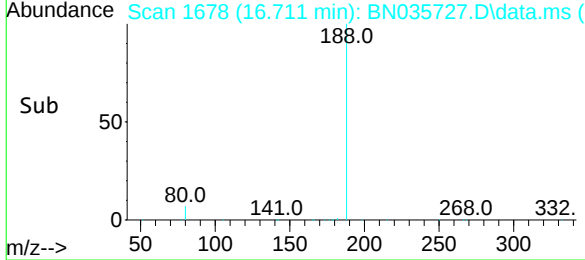
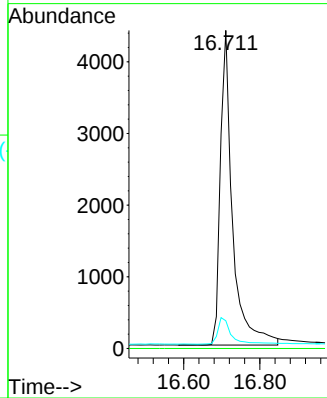
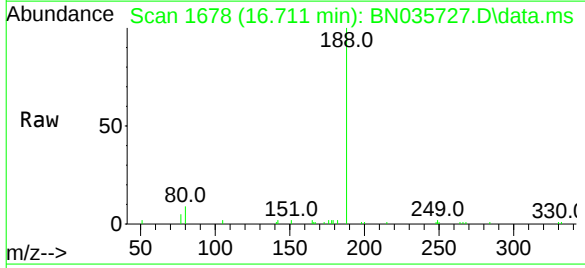
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210

Tgt Ion:188 Resp: 9724
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 4.6 6.8#

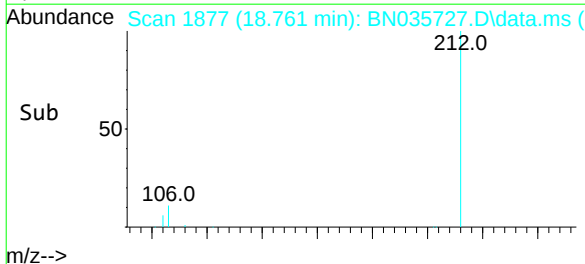
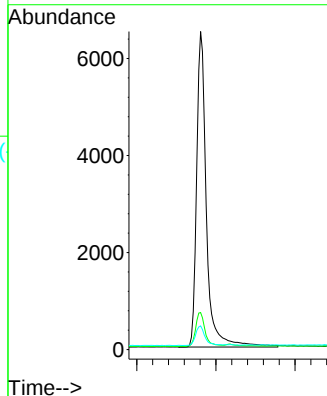
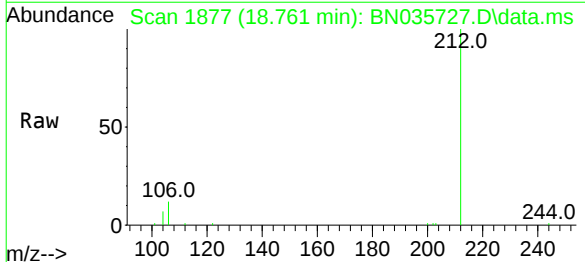
Manual Integrations
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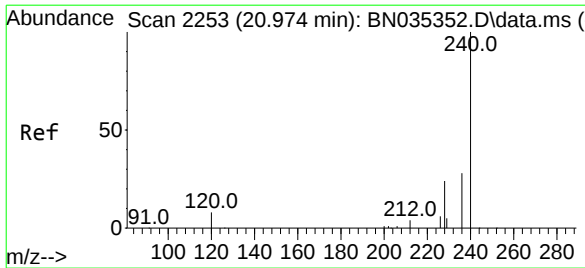
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

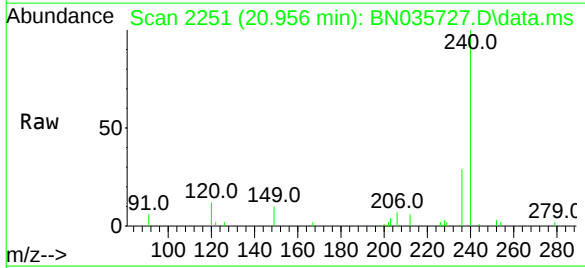
Tgt Ion:212 Resp: 11167
Ion Ratio Lower Upper
212 100
106 10.4 9.2 13.8
104 5.9 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

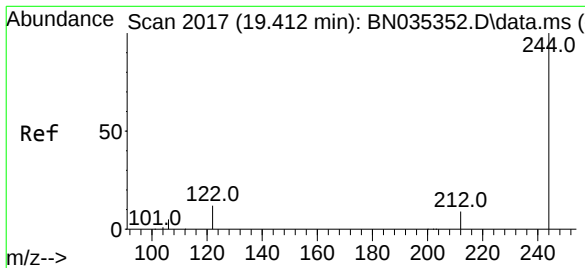
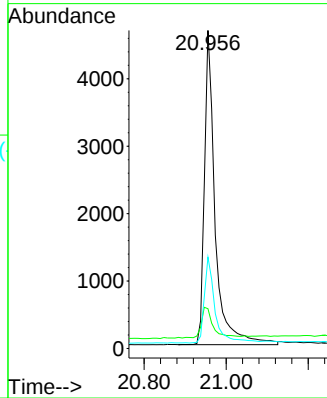
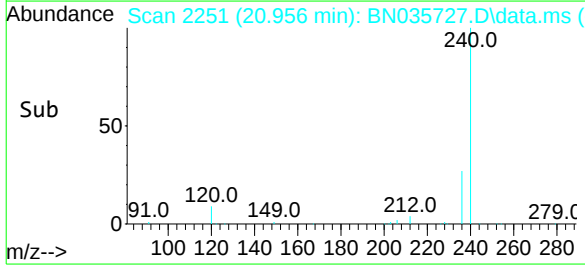
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210



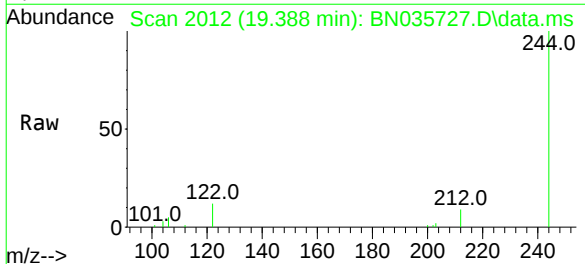
Tgt Ion: 240 Resp: 8463
Ion Ratio Lower Upper
240 100
120 12.5 7.9 11.9#
236 28.7 22.9 34.3

Manual Integrations
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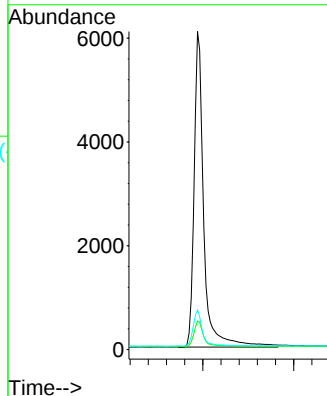
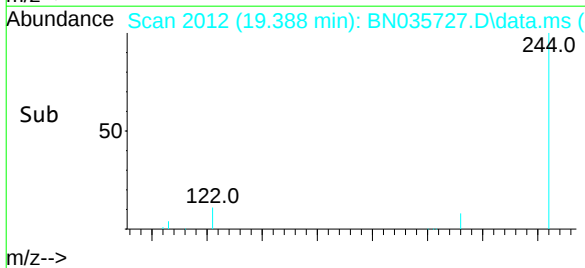
Reviewed By :Yogesh Patel 12/21/2024
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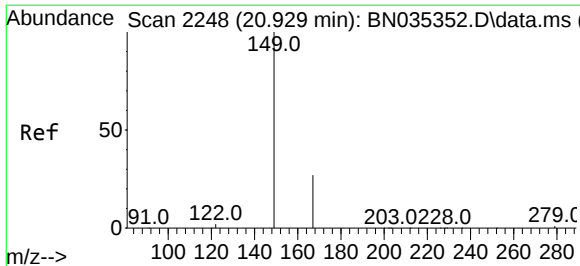


#31
Terphenyl-d14
Concen: 0.538 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58



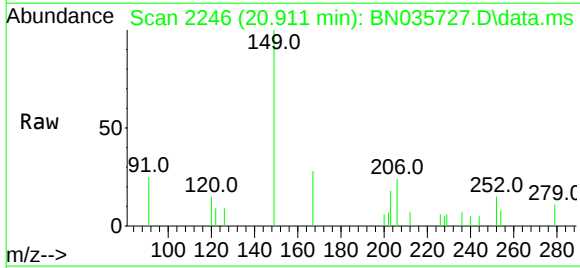
Tgt Ion: 244 Resp: 8979
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 12.4 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 20.911 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN035727.D
Acq: 20 Dec 2024 04:58

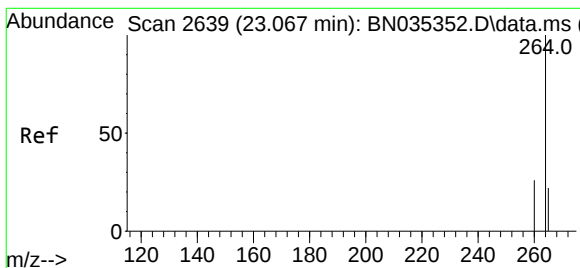
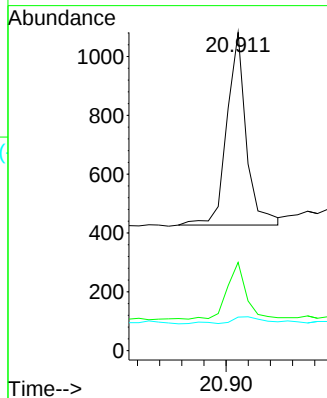
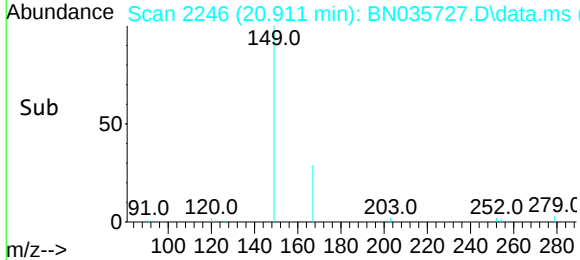
Instrument :
BNA_N
ClientSampleId :
RE120D1-20241210



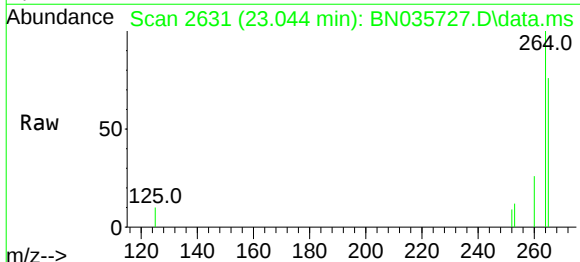
Tgt Ion: 149 Resp: 793
Ion Ratio Lower Upper
149 100
167 29.3 22.2 33.4
279 6.4 2.7 4.1#

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 12/21/2024
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: BN035727.D
Acq: 20 Dec 2024 04:58



Tgt Ion: 264 Resp: 8724
Ion Ratio Lower Upper
264 100
260 26.4 21.4 32.2
265 76.1 40.2 60.4#

