

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035714.D
 Acq On : 19 Dec 2024 21:11
 Operator : RC/JU
 Sample : P5261-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20241209

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 23:11:39 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	7.272	152	3160	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8794	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	6070	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	11989	0.400	ng	0.01
29) Chrysene-d12	20.956	240	10648	0.400	ng	0.00
35) Perylene-d12	23.041	264	11706	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	847	0.107	ng	0.00
5) Phenol-d6	6.492	99	510	0.054	ng	0.00
8) Nitrobenzene-d5	8.408	82	1993m	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4622	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	876	0.203	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6666	0.291	ng	0.00
27) Fluoranthene-d10	18.761	212	13563	0.399	ng	0.00
31) Terphenyl-d14	19.388	244	13668	0.651	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	7540	2.496	ng	Qvalue 100
34) Bis(2-ethylhexyl)phtha...	20.911	149	1470	0.100	ng	# 99

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

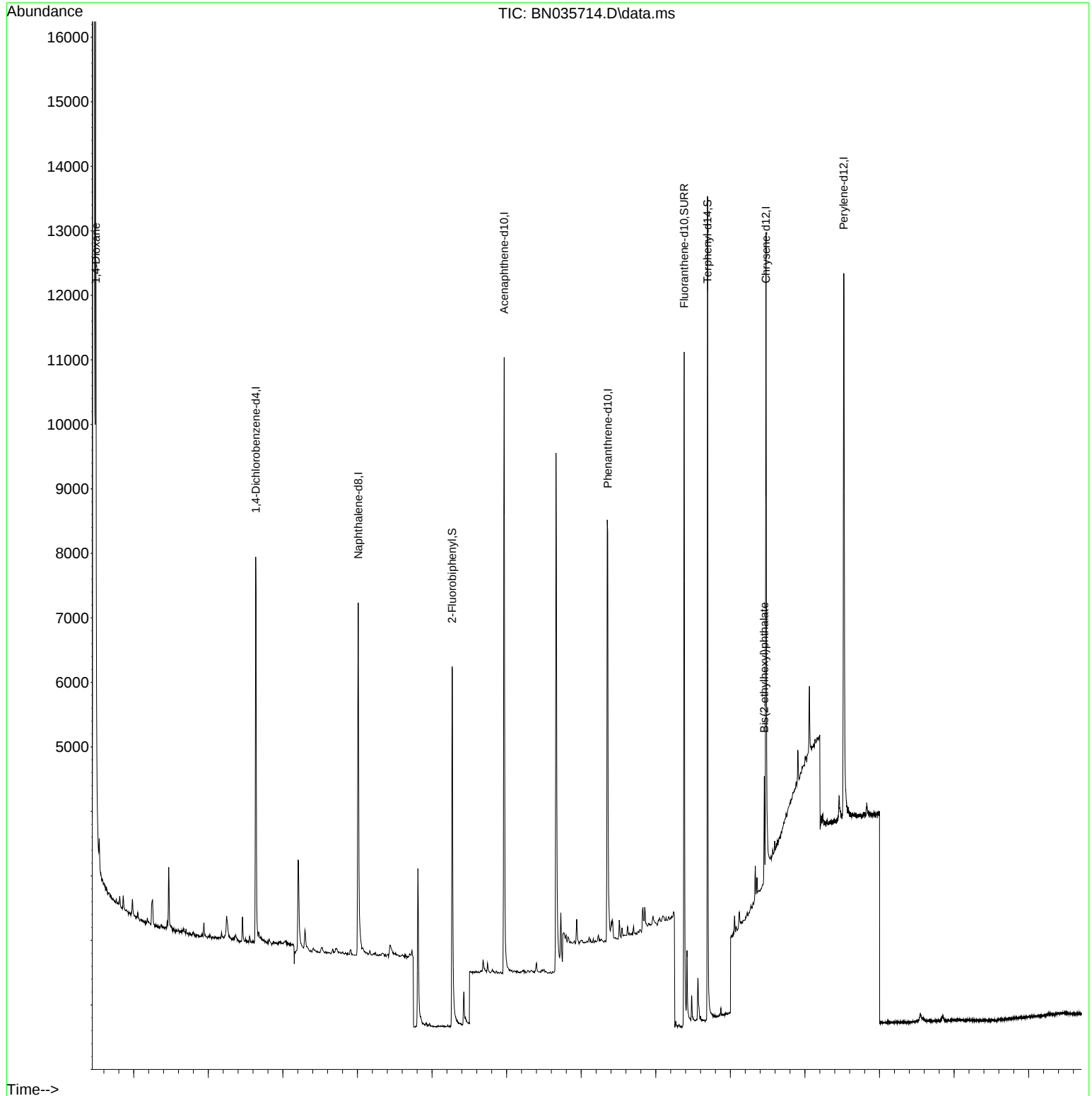
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035714.D
Acq On : 19 Dec 2024 21:11
Operator : RC/JU
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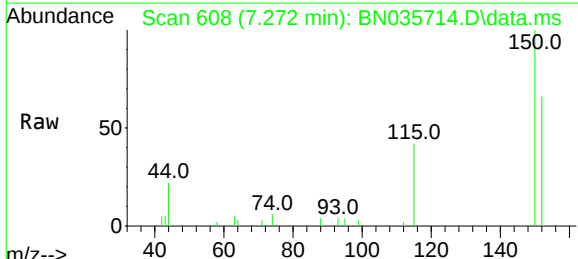
Quant Time: Dec 19 23:11:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035714.D
 Acq: 19 Dec 2024 21:11

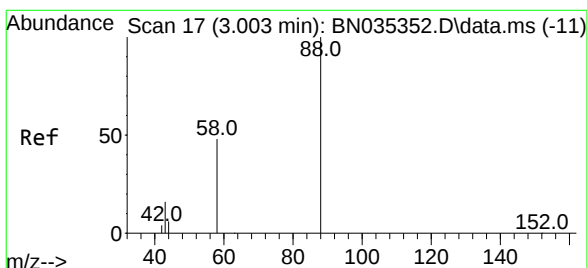
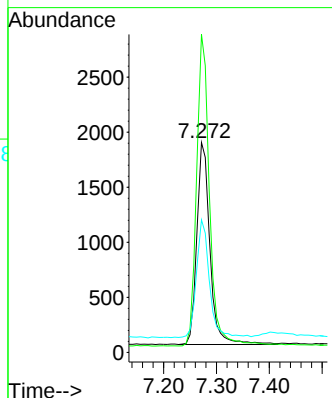
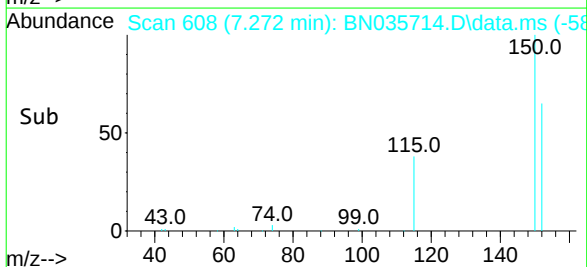
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20241209



Tgt Ion: 152 Resp: 3160
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.0 186.0
 115 63.1 49.6 74.4

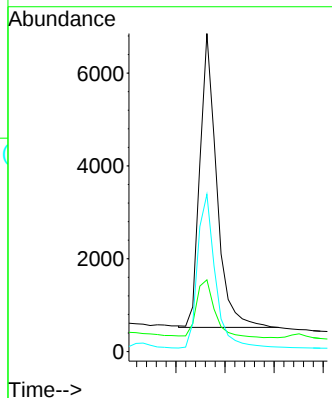
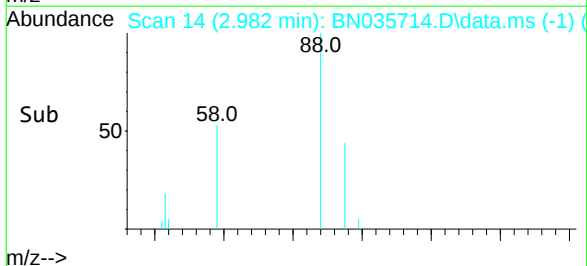
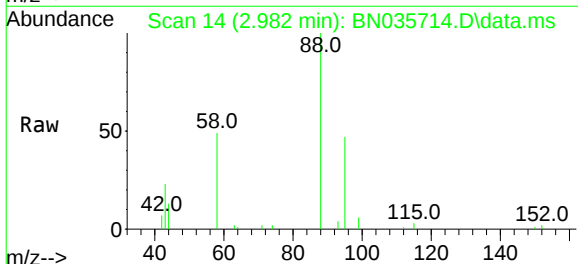
Manual Integrations
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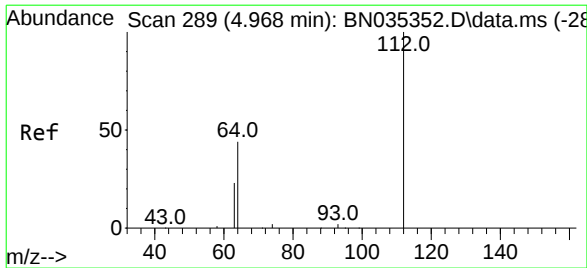
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#2
 1,4-Dioxane
 Concen: 2.496 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035714.D
 Acq: 19 Dec 2024 21:11

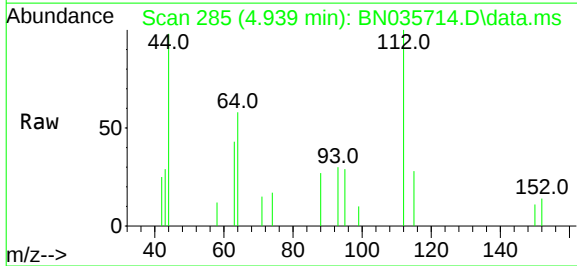
Tgt Ion: 88 Resp: 7540
 Ion Ratio Lower Upper
 88 100
 43 21.9 17.2 25.8
 58 55.4 44.5 66.7





#4
2-Fluorophenol
Concen: 0.107 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

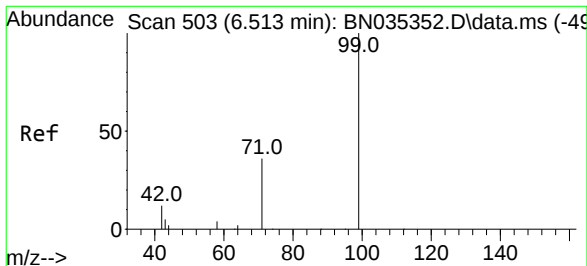
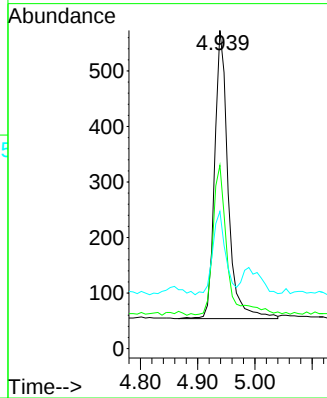
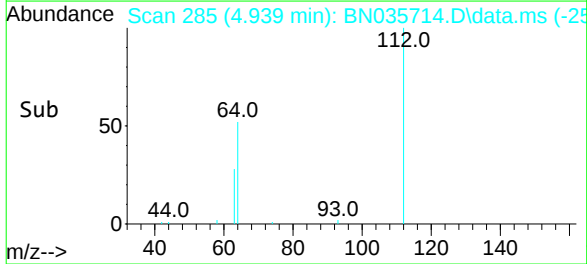
Instrument :
BNA_N
ClientSampleId :
RE122D1-20241209



Tgt Ion: 112 Resp: 847
Ion Ratio Lower Upper
112 100
64 54.5 39.8 59.8
63 27.6 21.0 31.6

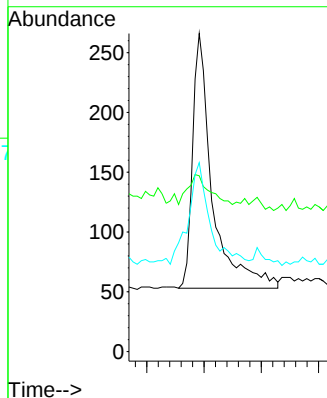
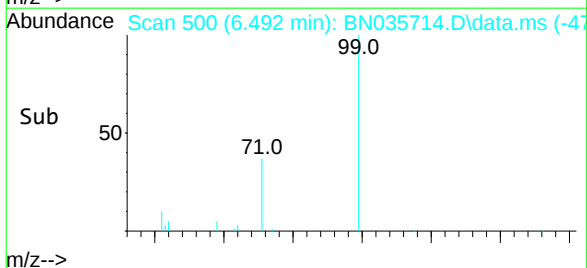
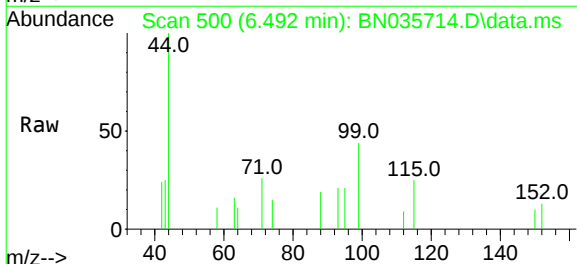
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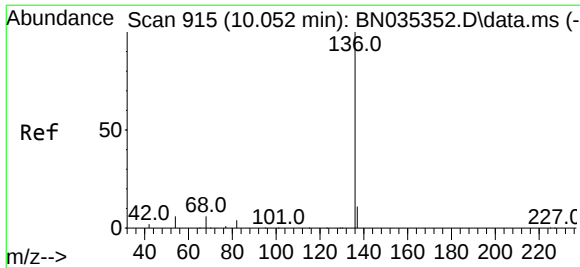
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

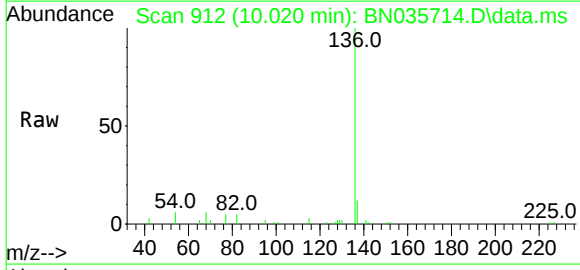
Tgt Ion: 99 Resp: 510
Ion Ratio Lower Upper
99 100
42 17.5 11.4 17.2#
71 47.1 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

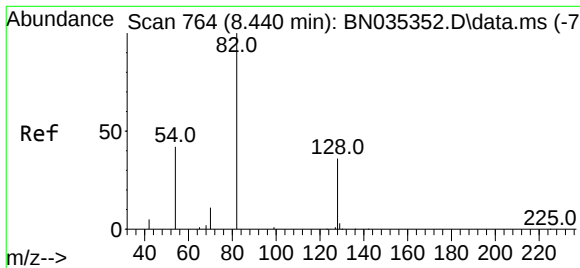
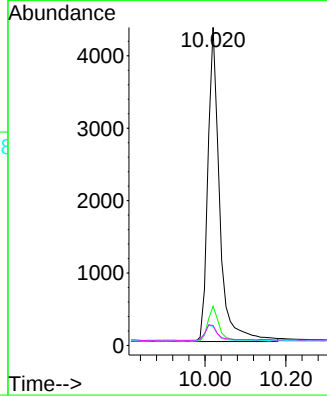
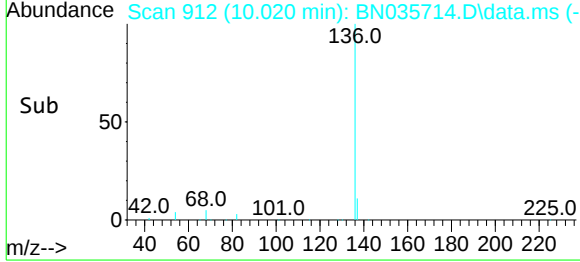
Instrument :
BNA_N
ClientSampleId :
RE122D1-20241209



Tgt Ion:	136	Resp:	8794
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	5.9	6.1	9.1#
68	6.3	6.4	9.6#

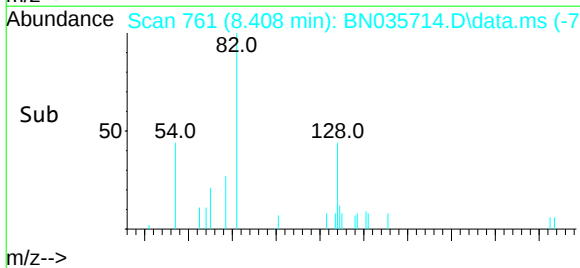
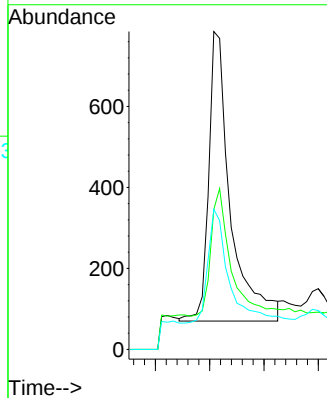
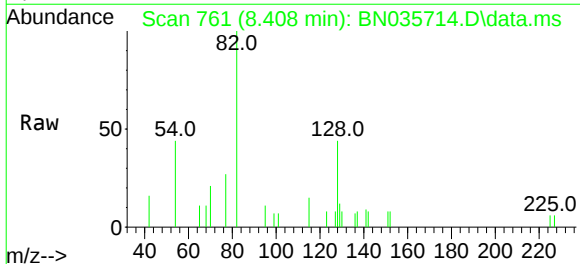
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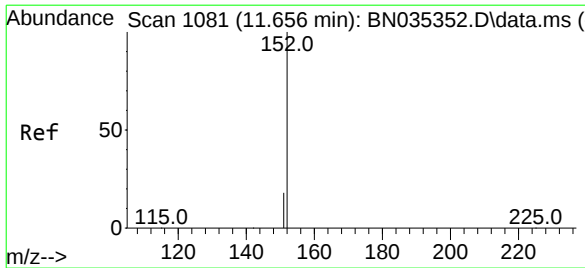
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.371 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

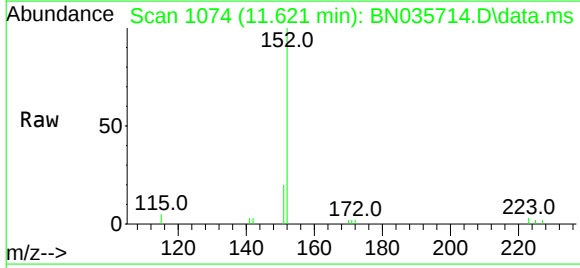
Tgt Ion:	82	Resp:	1993
Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.4	50.0
54	44.1	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

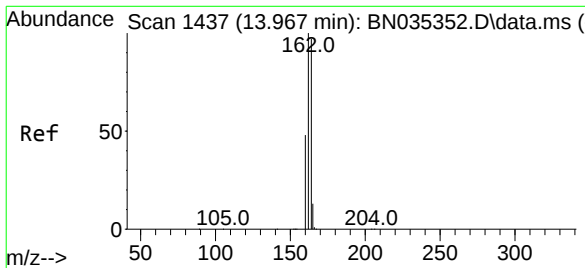
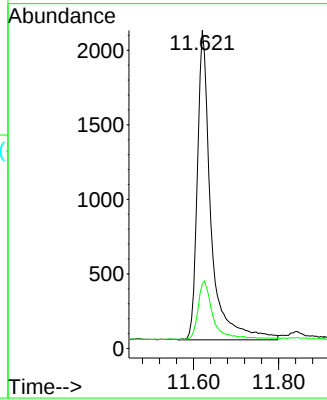
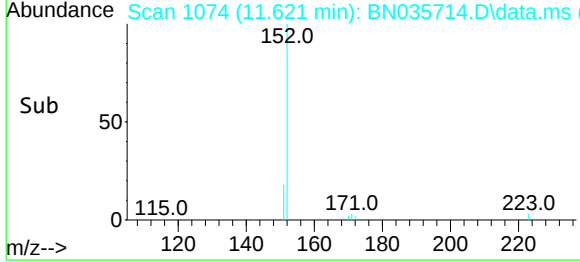
Instrument :
BNA_N
ClientSampleId :
RE122D1-20241209



Tgt Ion:152 Resp: 4622
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0

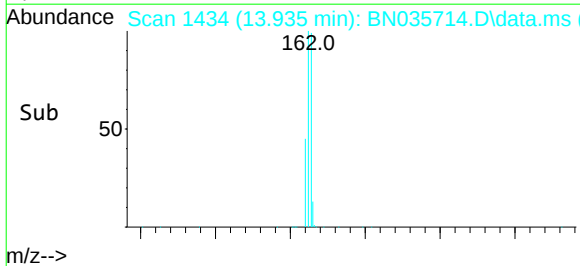
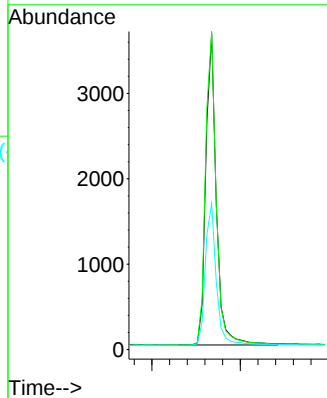
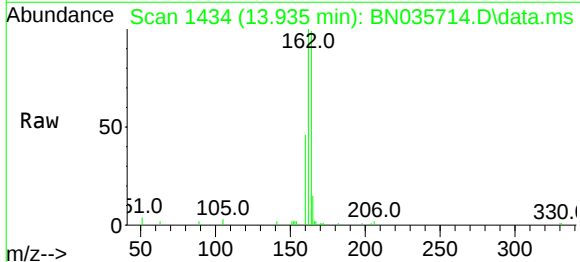
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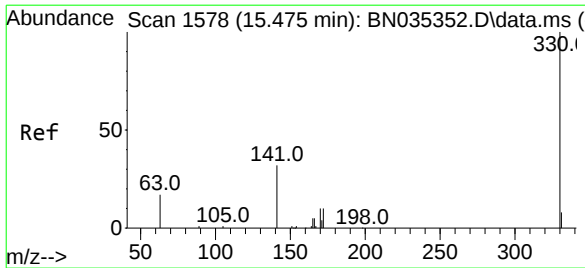
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

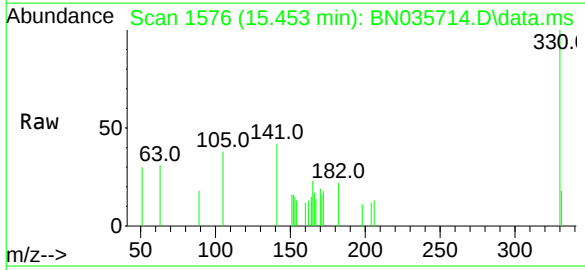
Tgt Ion:164 Resp: 6070
Ion Ratio Lower Upper
164 100
162 100.8 82.2 123.2
160 46.3 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.453 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

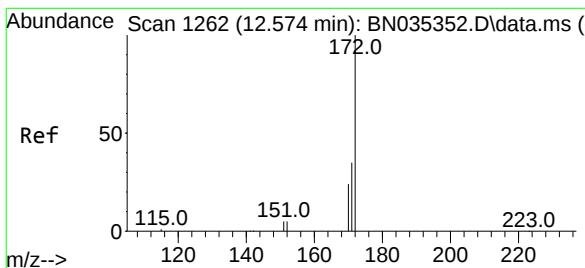
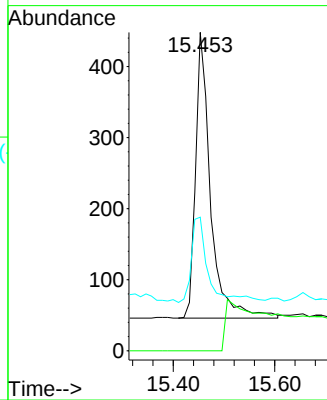
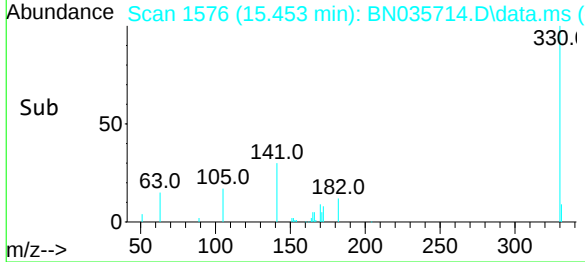
Instrument :
BNA_N
ClientSampleId :
RE122D1-20241209



Tgt Ion: 330 Resp: 876
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.1 26.6 40.0

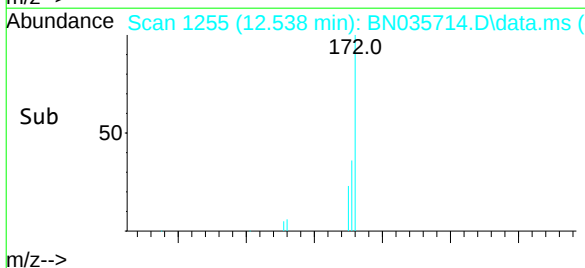
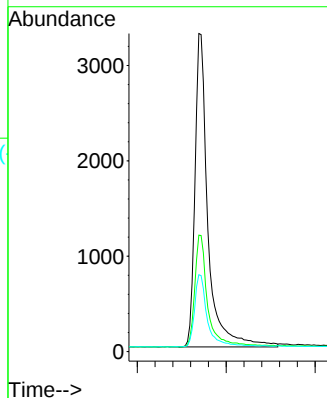
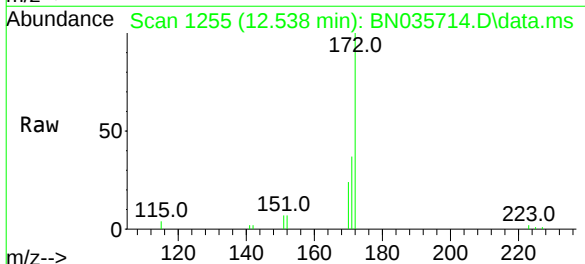
Manual Integrations
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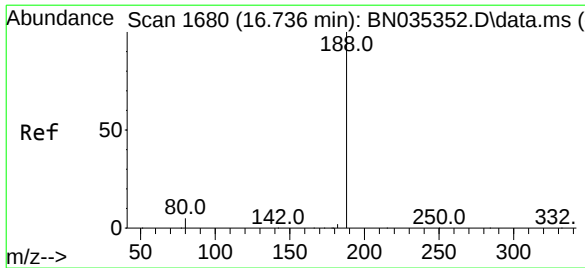
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

Tgt Ion: 172 Resp: 6666
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.2 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 16

Delta R.T. 0.012 min

Lab File: BN035714.D

Acq: 19 Dec 2024 21:11

Instrument :

BNA_N

ClientSampleId :

RE122D1-20241209

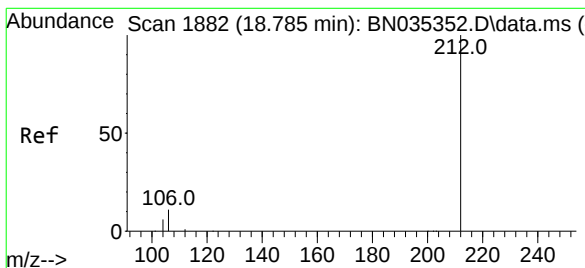
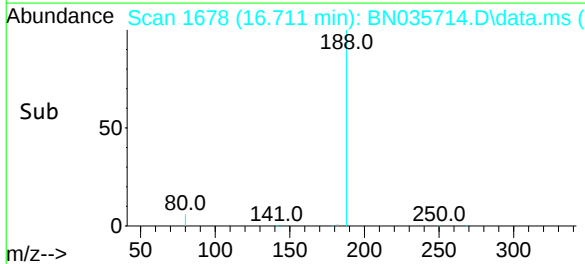
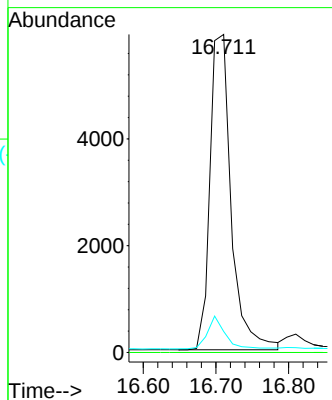
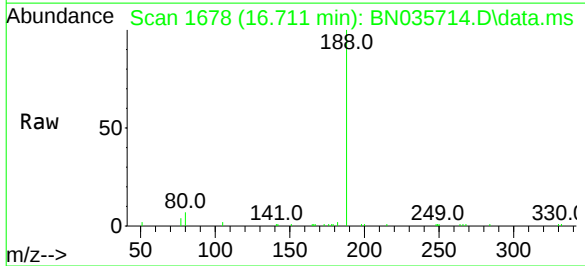
Tgt Ion:	188	Resp:	11989
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.6	4.6	6.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.399 ng

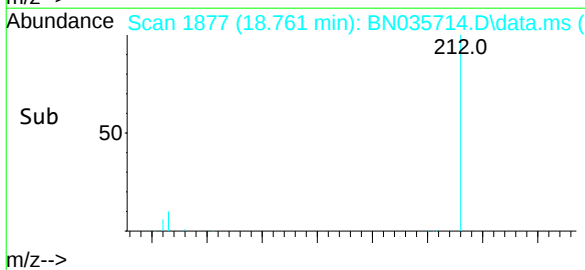
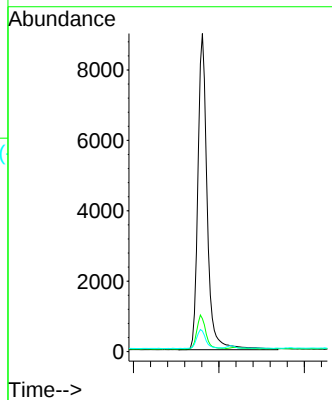
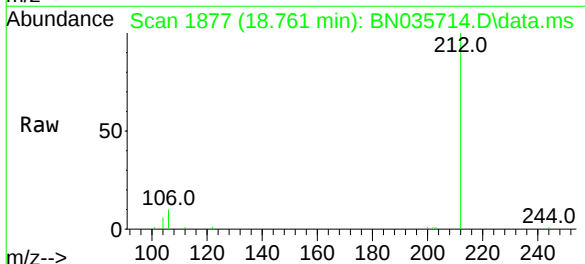
RT: 18.761 min Scan# 1877

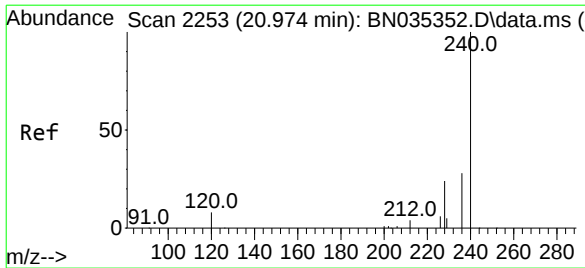
Delta R.T. -0.000 min

Lab File: BN035714.D

Acq: 19 Dec 2024 21:11

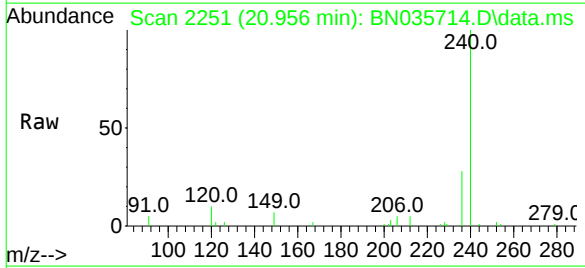
Tgt Ion:	212	Resp:	13563
Ion Ratio	Lower	Upper	
212	100		
106	10.4	9.2	13.8
104	5.9	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

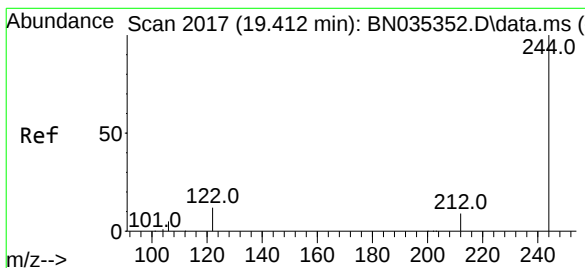
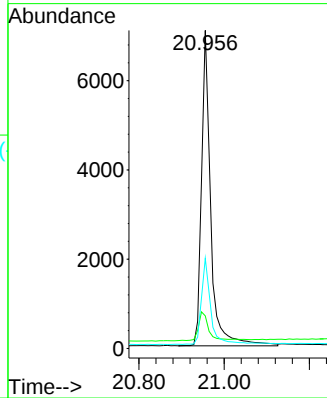
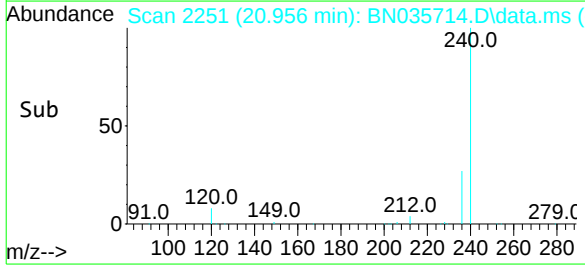
Instrument :
BNA_N
ClientSampleId :
RE122D1-20241209



Tgt Ion:	240	Resp:	10648
Ion Ratio	Lower	Upper	
240	100		
120	10.2	7.9	11.9
236	28.4	22.9	34.3

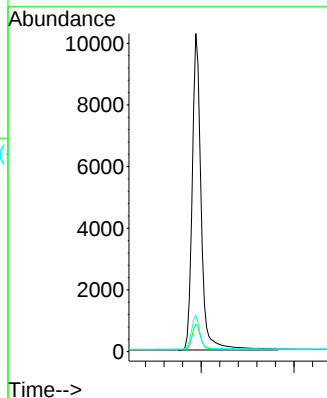
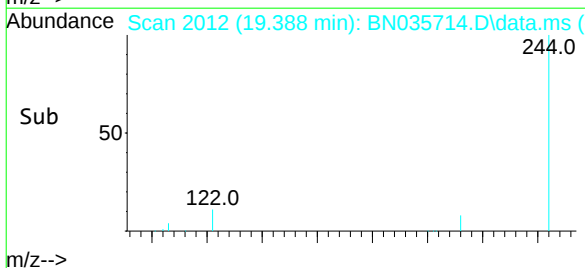
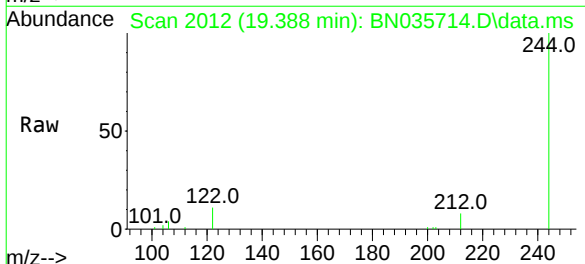
Manual Integrations
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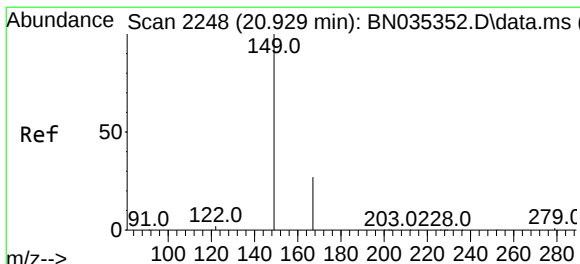
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.651 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035714.D
Acq: 19 Dec 2024 21:11

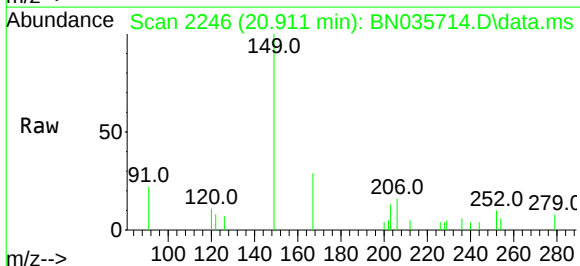
Tgt Ion:	244	Resp:	13668
Ion Ratio	Lower	Upper	
244	100		
212	8.5	8.1	12.1
122	11.4	10.3	15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.100 ng
 RT: 20.911 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BN035714.D
 Acq: 19 Dec 2024 21:11

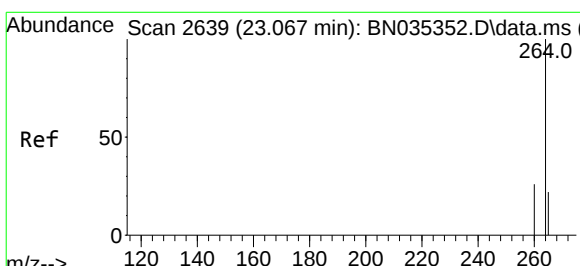
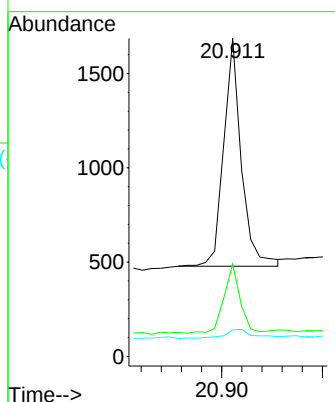
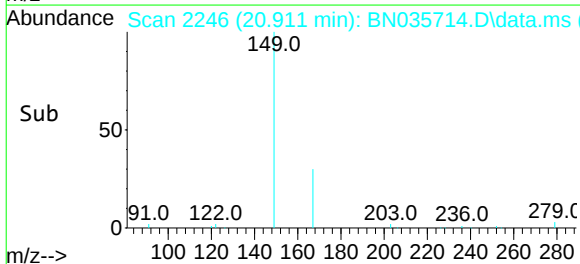
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20241209



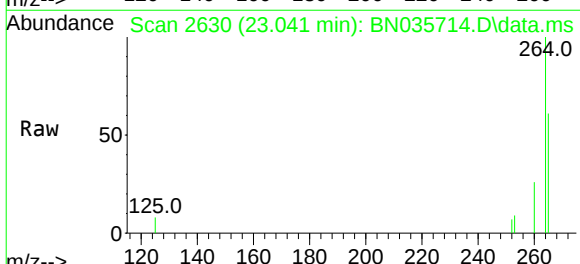
Tgt Ion:	149	Resp:	1470
Ion Ratio	100	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	6.1	2.7	4.1

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: 23.041 min Scan# 2630
 Delta R.T. -0.000 min
 Lab File: BN035714.D
 Acq: 19 Dec 2024 21:11



Tgt Ion:	264	Resp:	11706
Ion Ratio	100	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	61.5	40.2	60.4

