

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035788.D
 Acq On : 23 Dec 2024 17:28
 Operator : RC/JU
 Sample : P5317-22
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20241217

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:12:37 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	3668	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8523	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4977	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9853	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8499	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	8895	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1072	0.117	ng	0.00
5) Phenol-d6	6.484	99	587	0.053	ng	0.00
8) Nitrobenzene-d5	8.408	82	1976m	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4361	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	647	0.183	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	6526	0.347	ng	0.00
27) Fluoranthene-d10	18.752	212	11882	0.425	ng	0.00
31) Terphenyl-d14	19.379	244	9247	0.552	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	11092	3.163	ng	99
6) bis(2-Chloroethyl)ether	6.723	93	249	0.027	ng	95
34) Bis(2-ethylhexyl)phtha...	20.902	149	740	0.063	ng	# 98

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

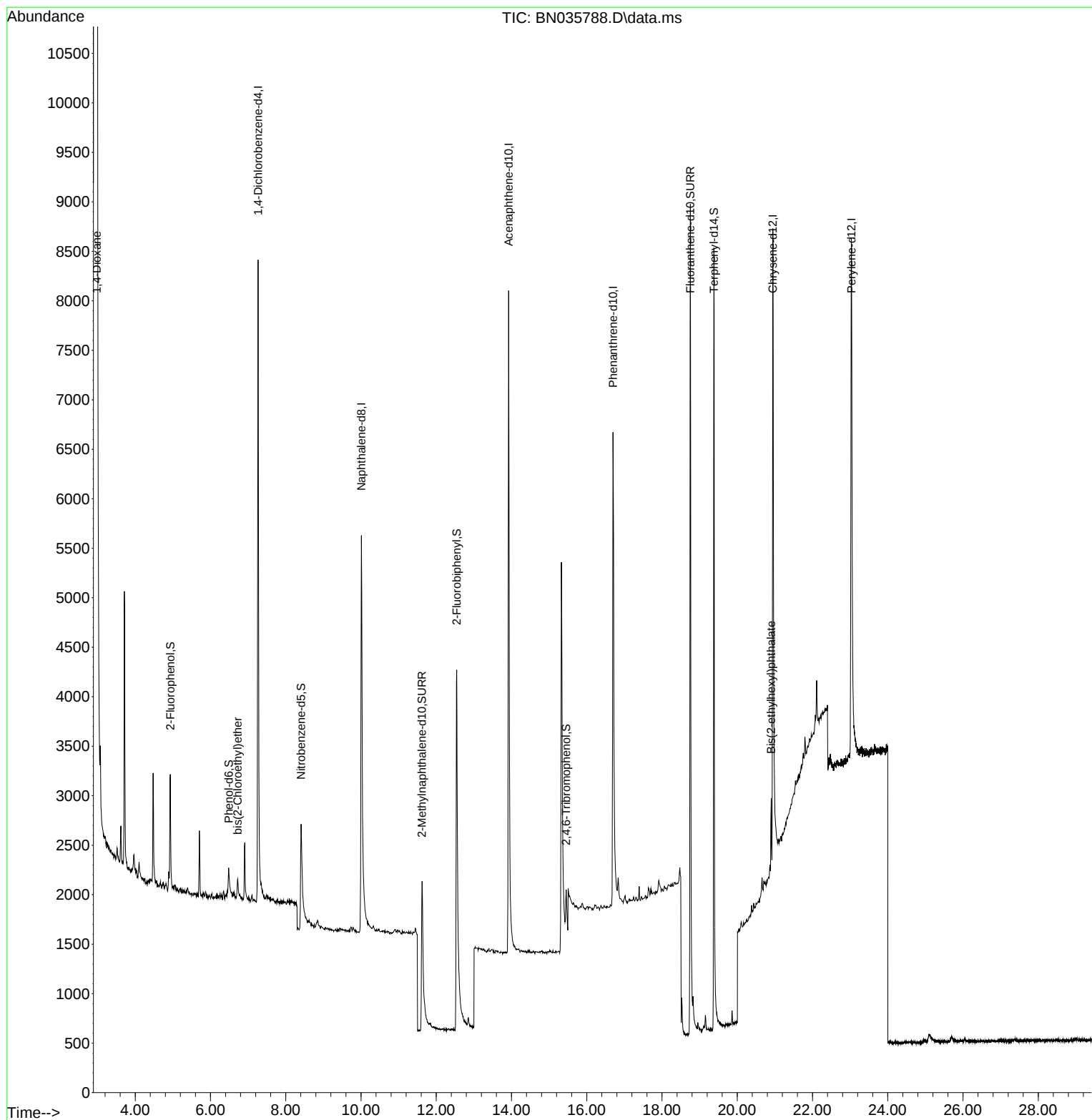
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035788.D
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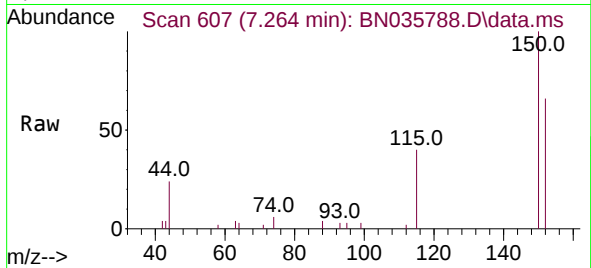
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.264 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN035788.D
 Acq: 23 Dec 2024 17:28

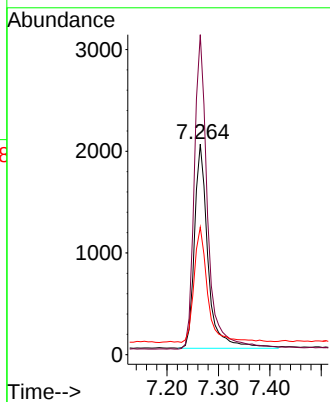
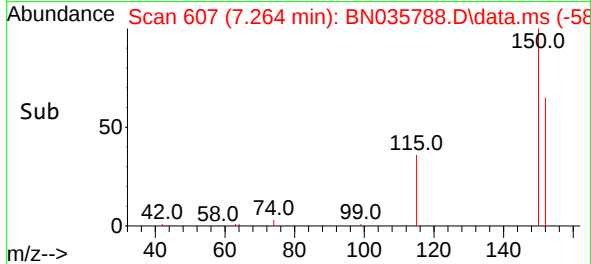
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20241217



Tgt Ion:152 Resp: 366
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.0 186.0
 115 60.6 49.6 74.4

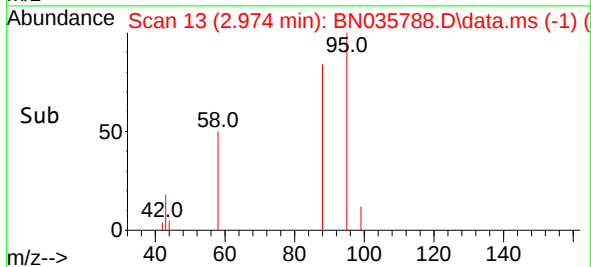
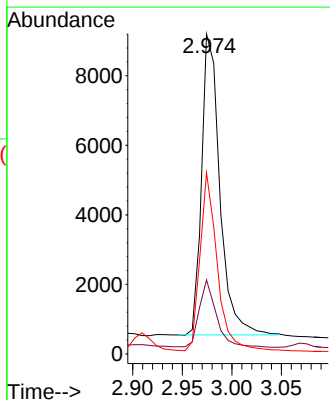
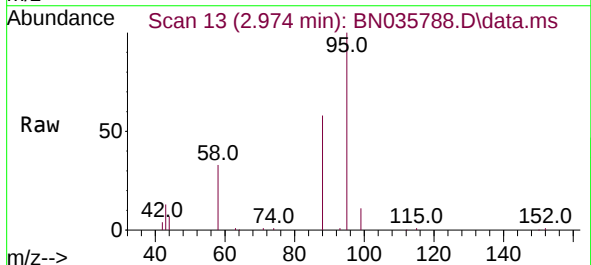
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#2
 1,4-Dioxane
 Concen: 3.163 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035788.D
 Acq: 23 Dec 2024 17:28

Tgt Ion: 88 Resp: 11092
 Ion Ratio Lower Upper
 88 100
 43 21.1 17.2 25.8
 58 55.1 44.5 66.7





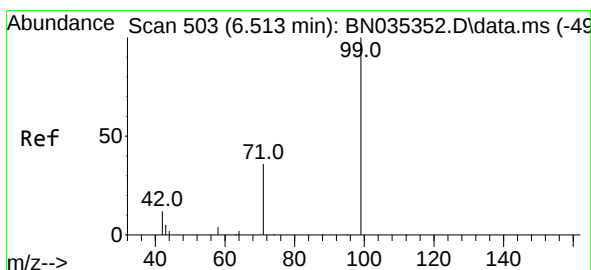
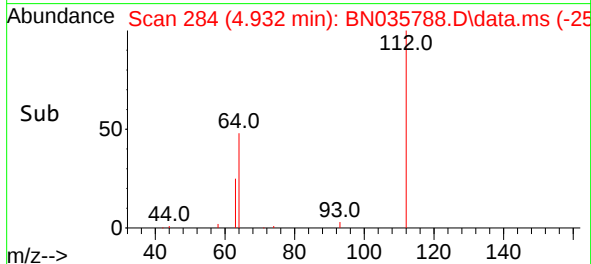
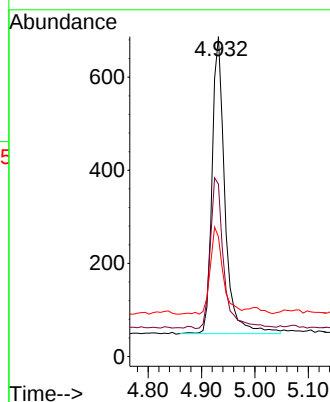
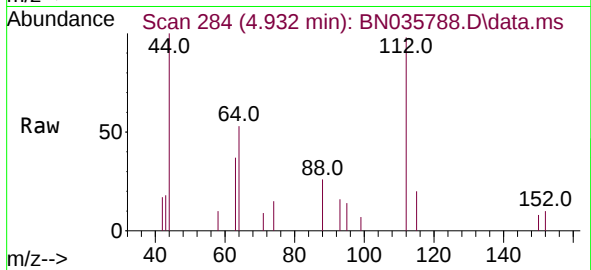
#4
2-Fluorophenol
Concen: 0.117 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

Instrument :
BNA_N
ClientSampleId :
RE132D7-20241217

Tgt Ion:112 Resp: 1072
Ion Ratio Lower Upper
112 100
64 53.5 39.8 59.8
63 28.9 21.0 31.6

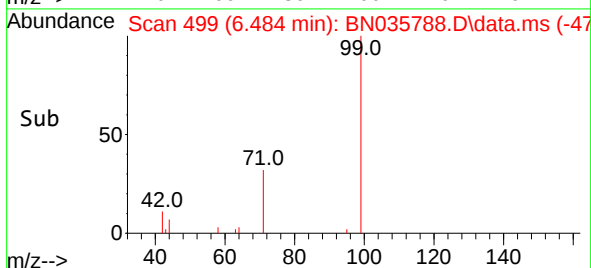
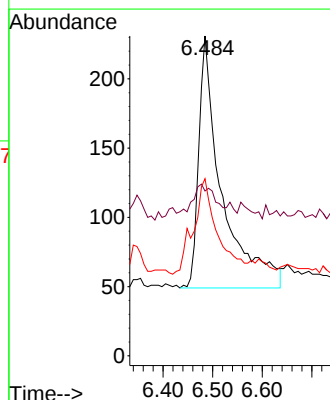
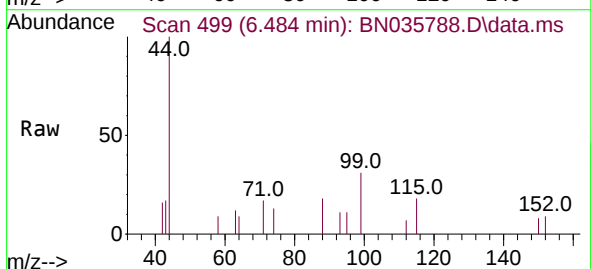
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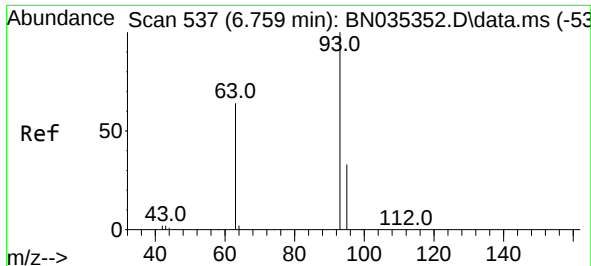
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

Tgt Ion: 99 Resp: 587
Ion Ratio Lower Upper
99 100
42 11.9 11.4 17.2
71 39.9 29.3 43.9





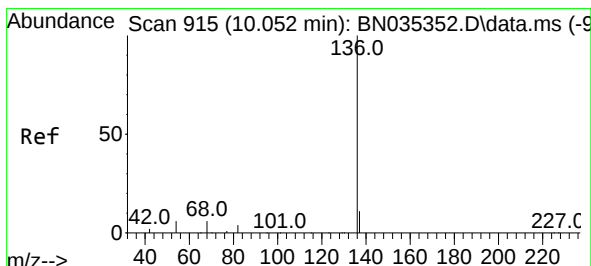
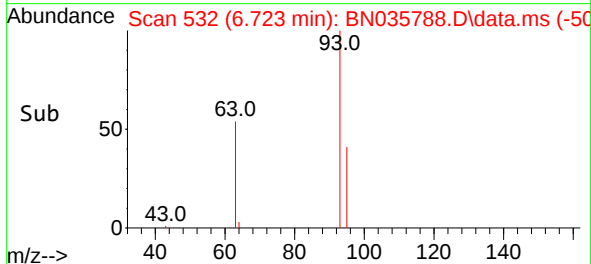
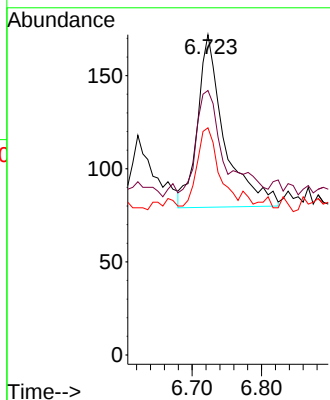
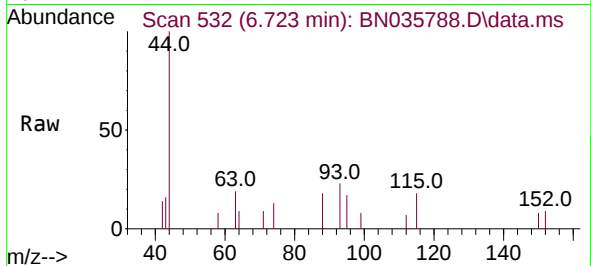
#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 6.723 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

Instrument :
BNA_N
ClientSampleId :
RE132D7-20241217

Tgt Ion: 93 Resp: 249
Ion Ratio Lower Upper
93 100
63 60.2 50.4 75.6
95 35.7 25.7 38.5

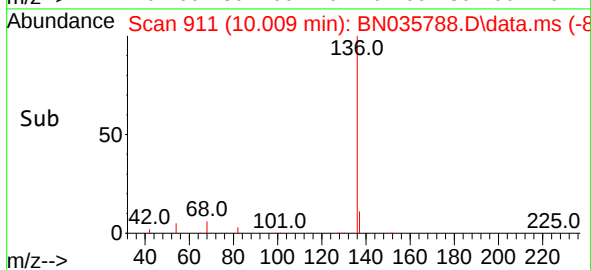
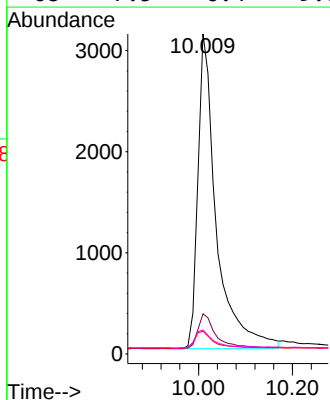
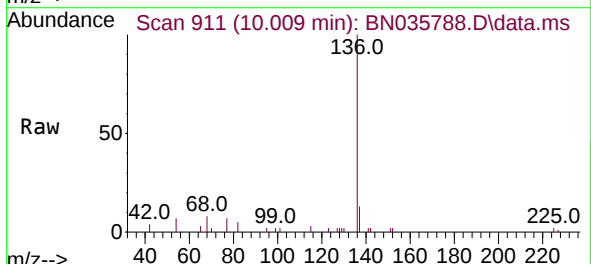
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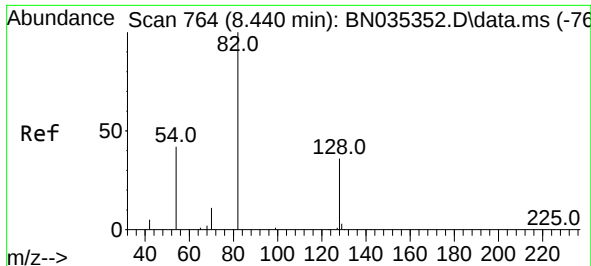
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

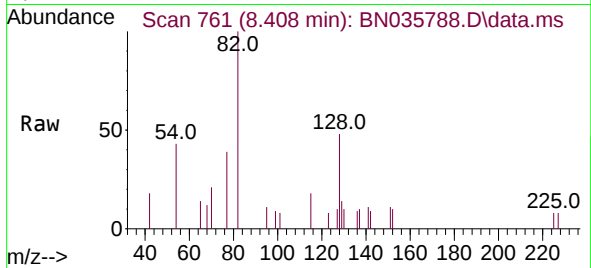
Tgt Ion:136 Resp: 8523
Ion Ratio Lower Upper
136 100
137 12.5 10.2 15.2
54 7.1 6.1 9.1
68 7.5 6.4 9.6





#8
Nitrobenzene-d5
Concen: 0.380 ng m
RT: 8.408 min Scan# 70
Delta R.T. -0.000 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

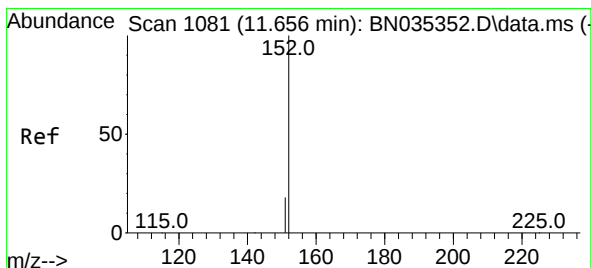
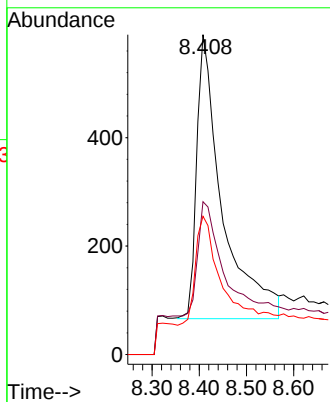
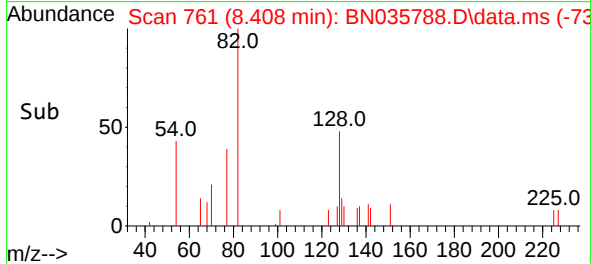
Instrument :
BNA_N
ClientSampleId :
RE132D7-20241217



Tgt Ion: 82 Resp: 1970
Ion Ratio Lower Upper
82 100
128 47.8 33.4 50.0
54 43.2 36.7 55.1

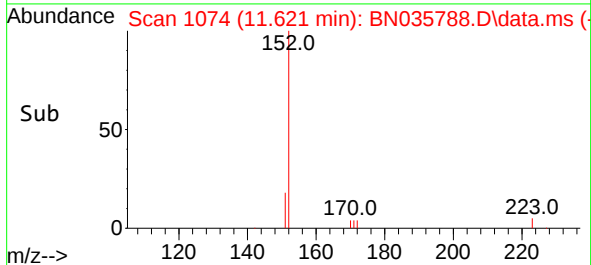
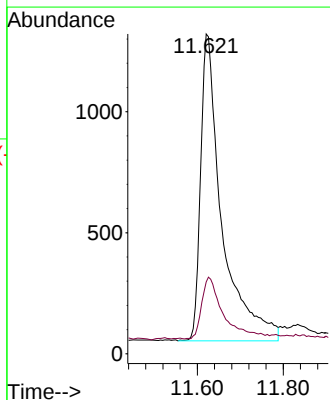
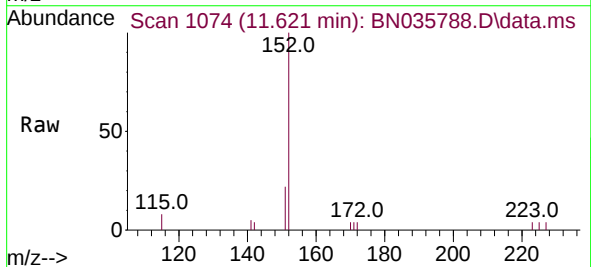
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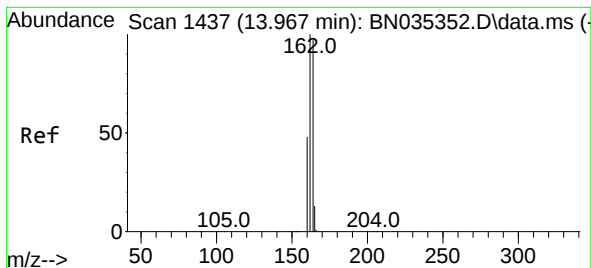
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

Tgt Ion:152 Resp: 4361
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.925 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN035788.D

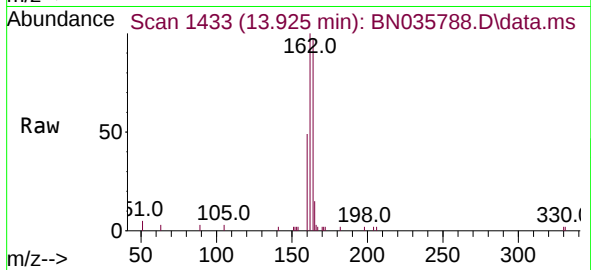
Acq: 23 Dec 2024 17:28

Instrument :

BNA_N

ClientSampleId :

RE132D7-20241217



Tgt Ion:164 Resp: 497

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.2

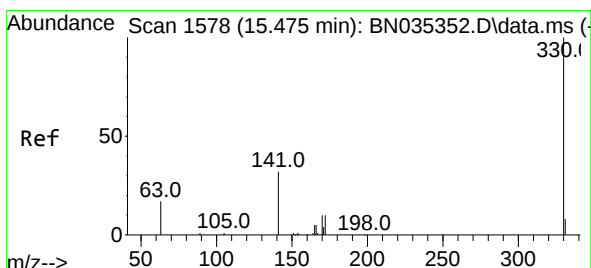
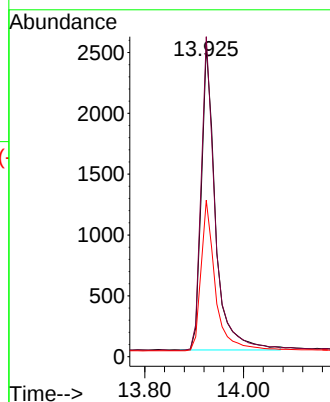
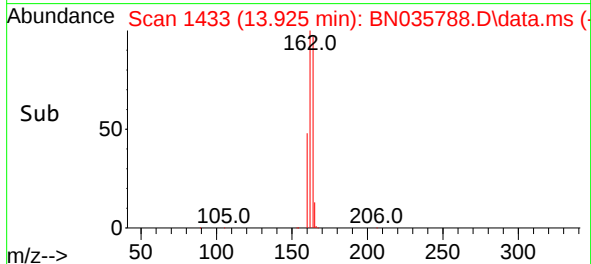
160 50.4 40.1 60.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024



#14

2,4,6-Tribromophenol

Concen: 0.183 ng

RT: 15.453 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN035788.D

Acq: 23 Dec 2024 17:28

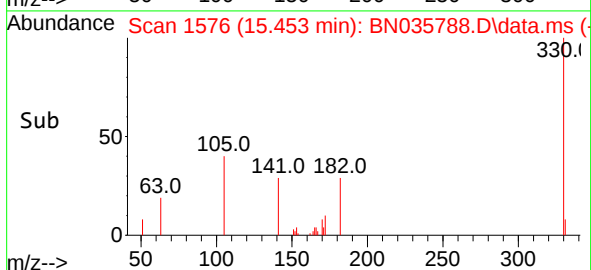
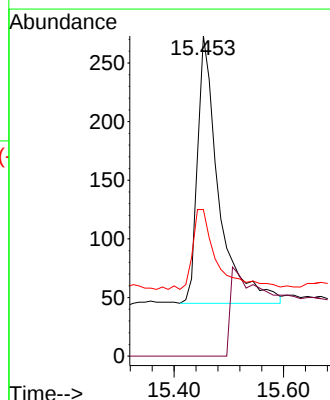
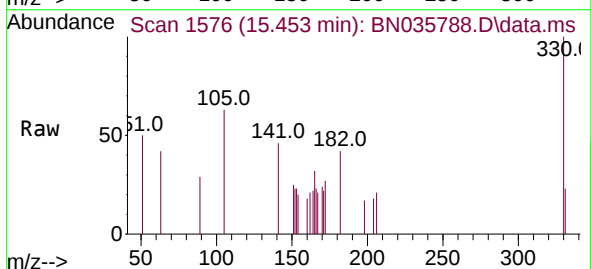
Tgt Ion:330 Resp: 647

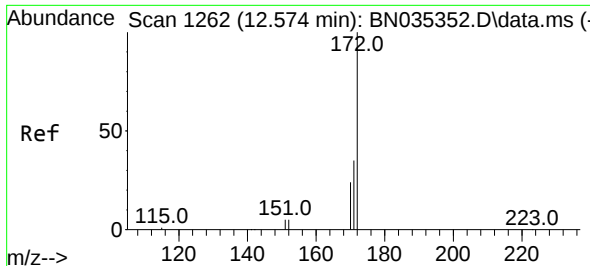
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

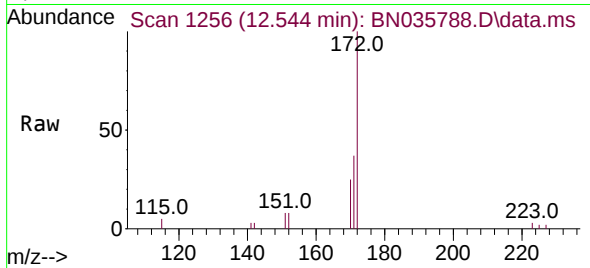
141 33.4 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.544 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

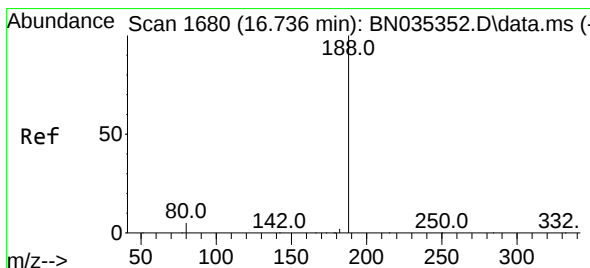
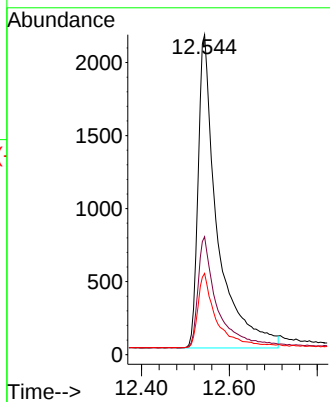
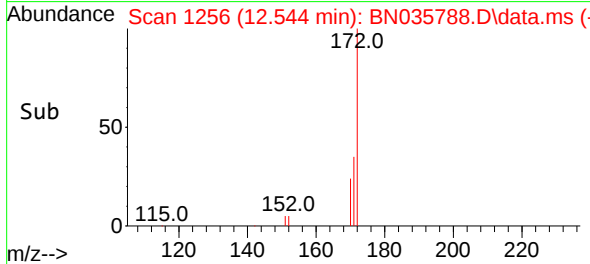
Instrument :
BNA_N
ClientSampleId :
RE132D7-20241217



Tgt Ion:172 Resp: 6520
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 25.4 19.8 29.8

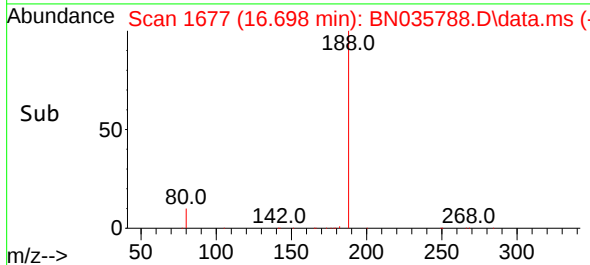
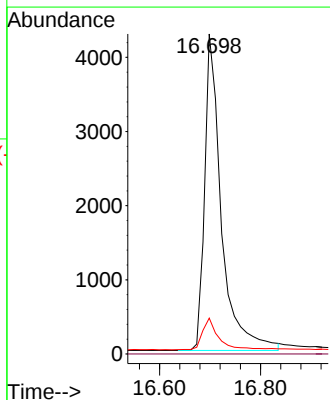
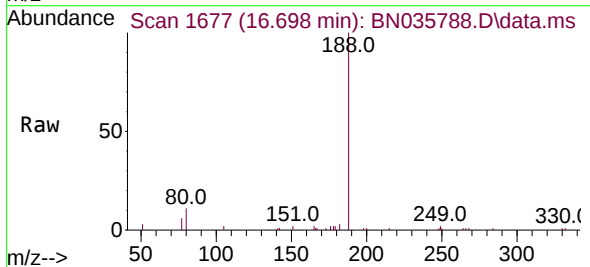
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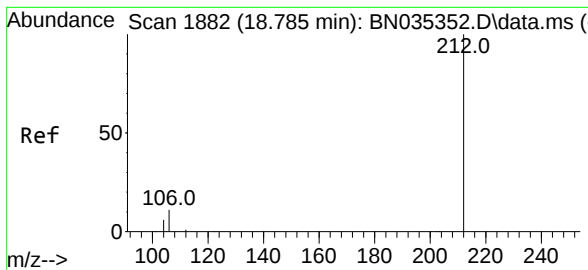
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

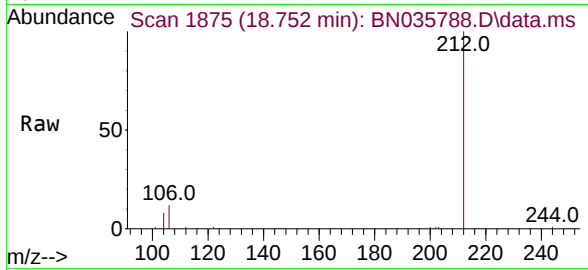
Tgt Ion:188 Resp: 9853
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 4.6 6.8#





#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 18.752 min Scan# 1188
Delta R.T. -0.009 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

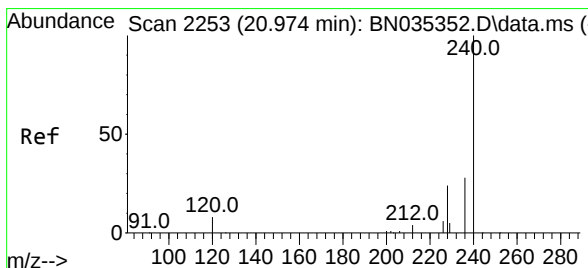
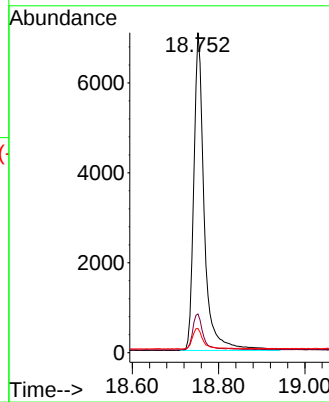
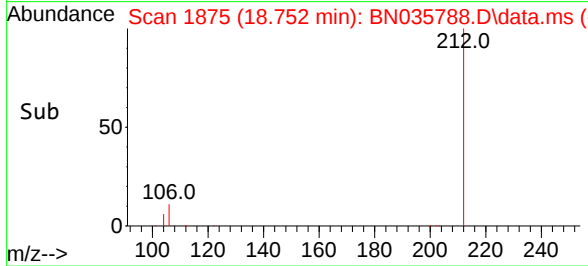
Instrument :
BNA_N
ClientSampleId :
RE132D7-20241217



Tgt Ion:212 Resp: 1188
Ion Ratio Lower Upper
212 100
106 11.2 9.2 13.8
104 6.5 5.3 7.9

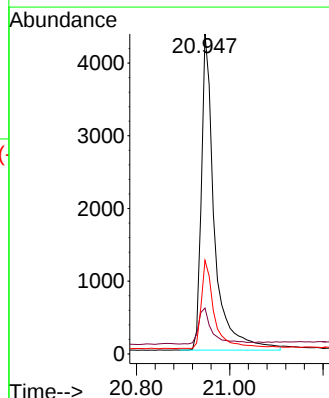
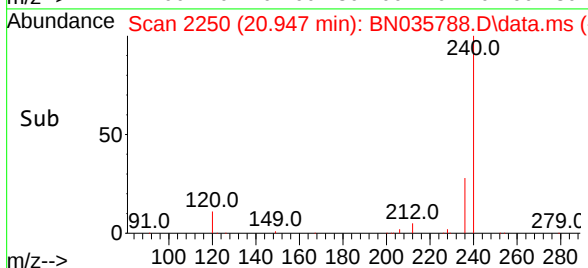
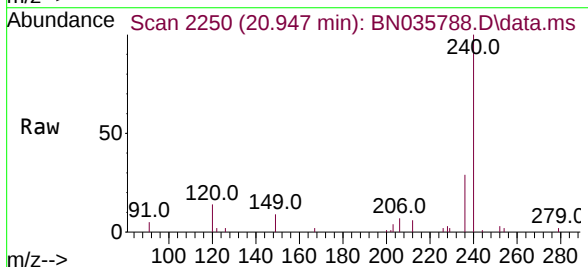
Manual Integrations
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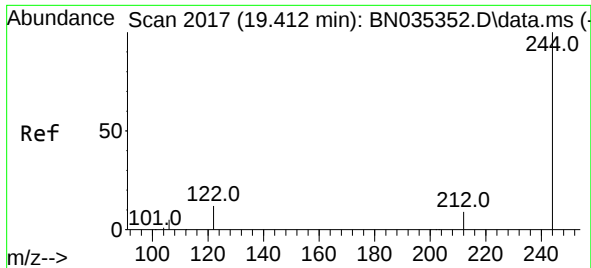
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

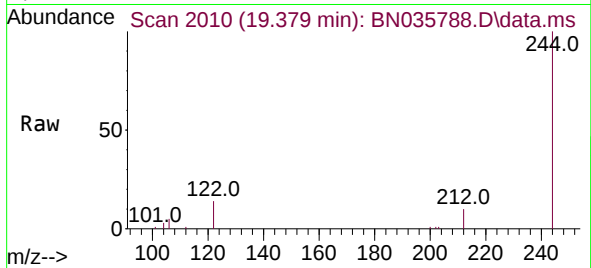
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Ion Ratio Lower Upper
240 100
120 14.4 7.9 11.9#
236 29.3 22.9 34.3





#31
Terphenyl-d14
Concen: 0.552 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.009 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

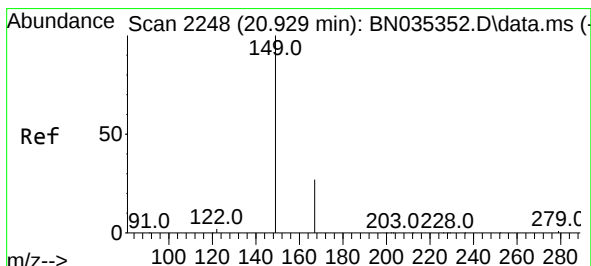
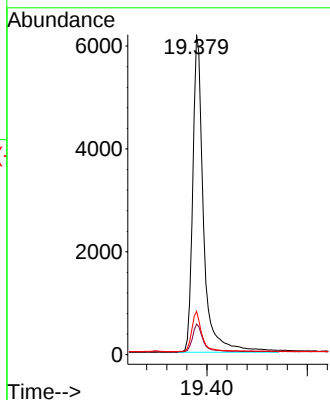
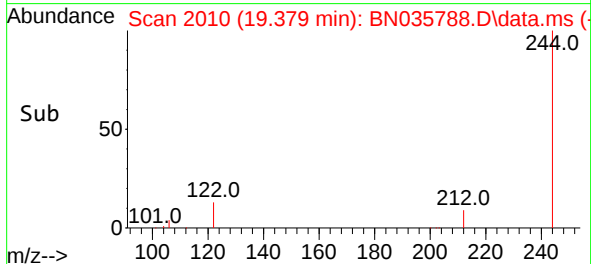
Instrument :
BNA_N
ClientSampleId :
RE132D7-20241217



Tgt Ion:244 Resp: 924
Ion Ratio Lower Upper
244 100
212 9.5 8.1 12.1
122 13.5 10.3 15.5

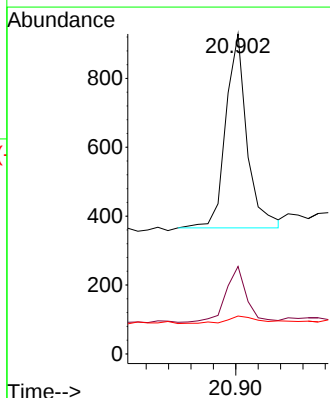
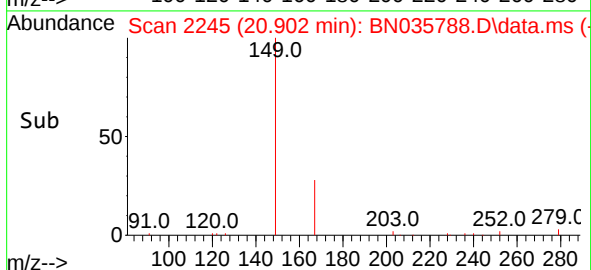
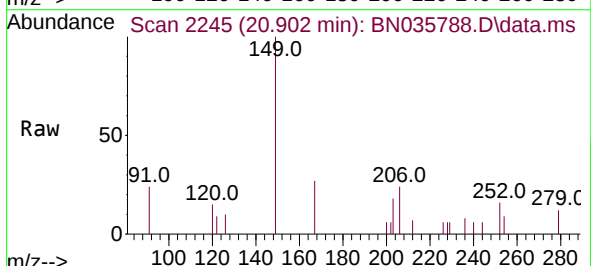
Manual Integrations
APPROVED

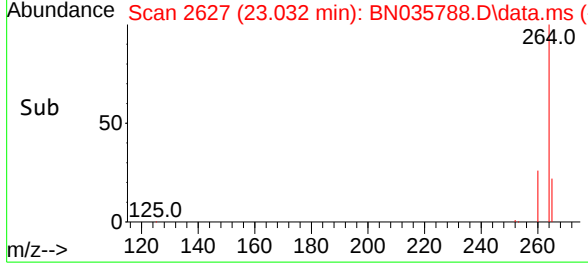
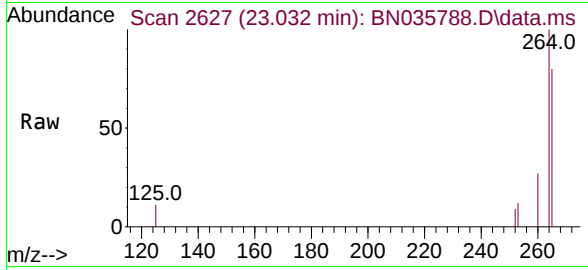
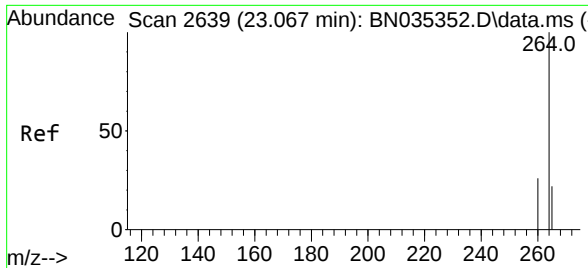
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035788.D
Acq: 23 Dec 2024 17:28

Tgt Ion:149 Resp: 740
Ion Ratio Lower Upper
149 100
167 28.2 22.2 33.4
279 6.2 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.032 min Scan# 20
 Delta R.T. -0.009 min
 Lab File: BN035788.D
 Acq: 23 Dec 2024 17:28

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20241217

Tgt Ion:264 Resp: 889

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	79.7	40.2	60.4

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

