

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034557.D
 Acq On : 11 Oct 2024 16:23
 Operator : RC/JU
 Sample : P4282-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241002DL

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 17:27:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	3752	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	10492	0.400	ng	0.01
13) Acenaphthene-d10	14.019	164	6659	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	12028	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	6979	0.400	ng	0.00
35) Perylene-d12	23.110	264	10316	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	645	0.061	ng	0.00
5) Phenol-d6	6.650	99	296m	0.024	ng	0.08
8) Nitrobenzene-d5	8.557	82	935m	0.117	ng	0.04
11) 2-Methylnaphthalene-d10	11.765	152	2266m	0.146	ng	0.04
14) 2,4,6-Tribromophenol	15.555	330	298	0.099	ng	0.02
15) 2-Fluorobiphenyl	12.651	172	3395	0.125	ng	0.01
27) Fluoranthene-d10	18.825	212	6100	0.201	ng	0.00
31) Terphenyl-d14	19.443	244	5726	0.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.018	88	13245	2.824	ng	99

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

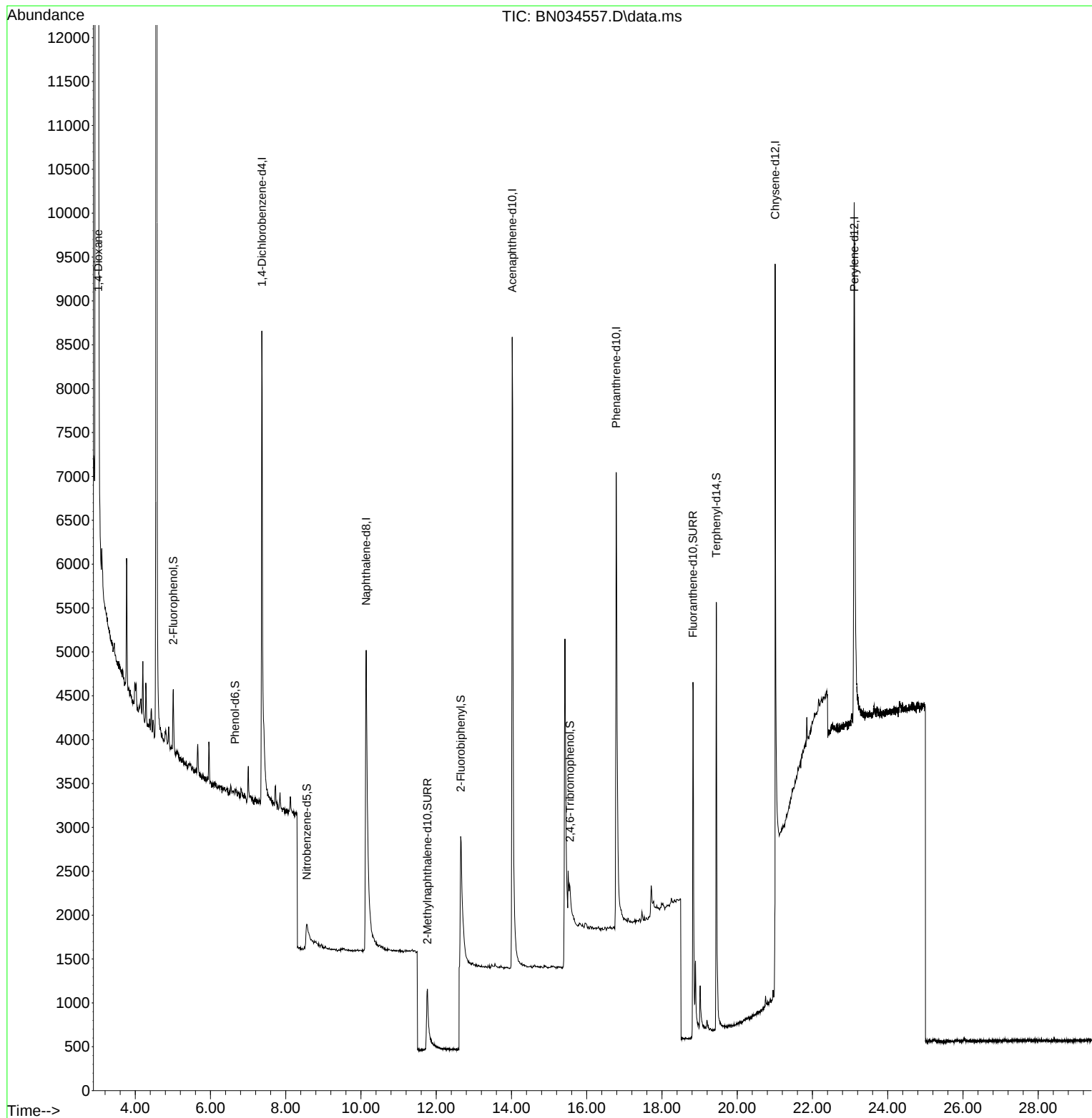
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
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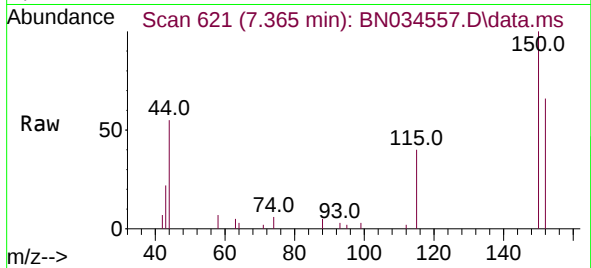
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.365 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

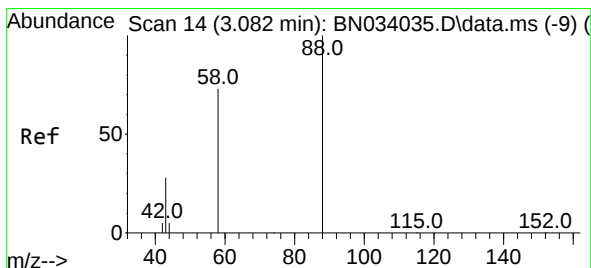
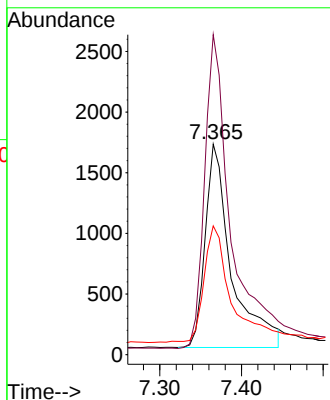
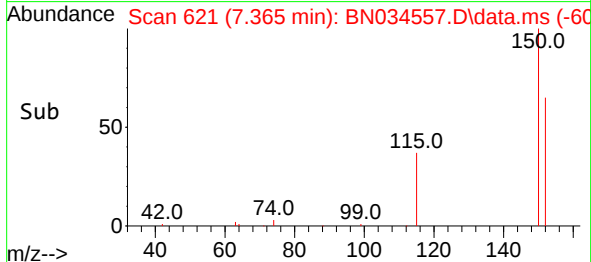
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL



Tgt Ion: 152 Resp: 375
Ion Ratio Lower Upper
152 100
150 152.0 124.6 187.0
115 61.2 50.0 75.0

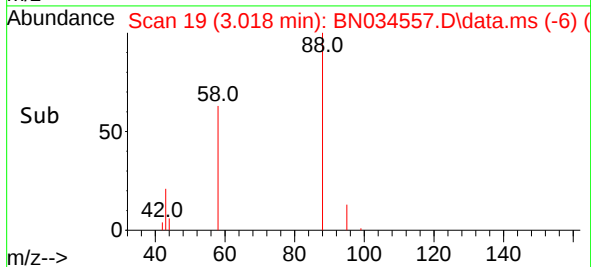
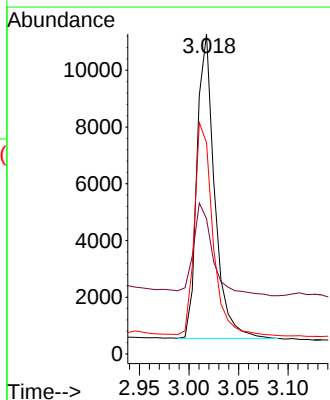
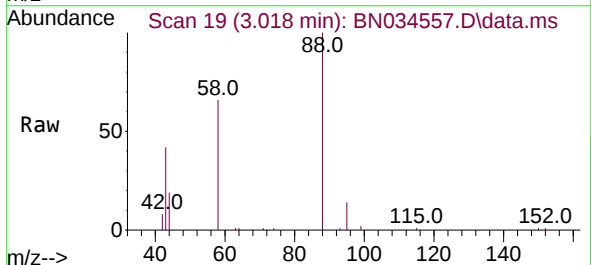
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#2
1,4-Dioxane
Concen: 2.824 ng
RT: 3.018 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

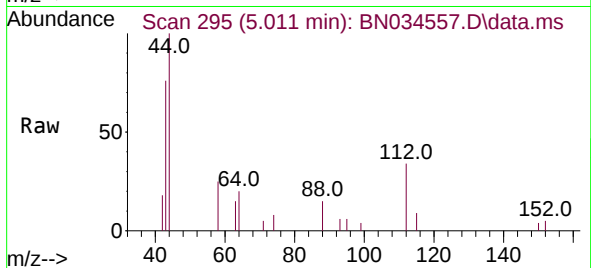
Tgt Ion: 88 Resp: 13245
Ion Ratio Lower Upper
88 100
43 33.4 25.8 38.8
58 73.0 58.8 88.2





#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.011 min Scan# 290
Delta R.T. -0.000 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

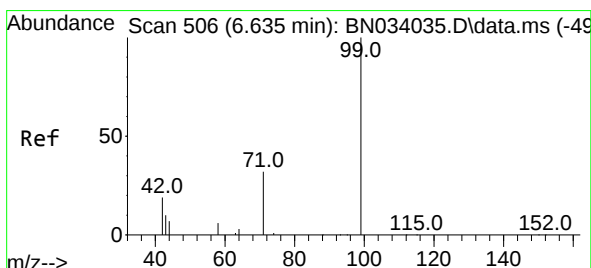
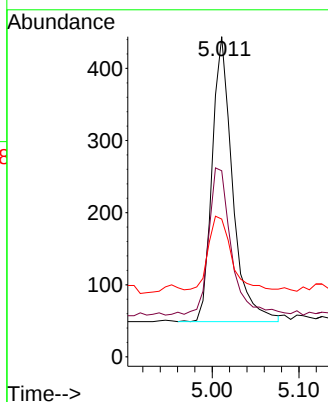
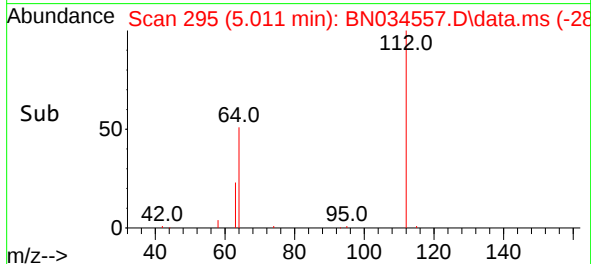
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 112 Resp: 649
Ion Ratio Lower Upper
112 100
64 57.2 48.6 72.8
63 29.3 25.6 38.4

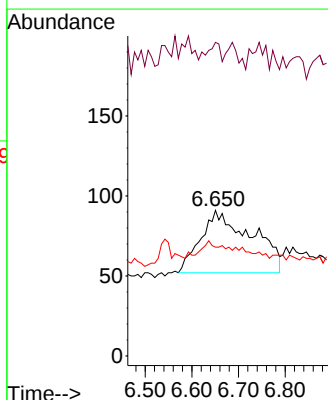
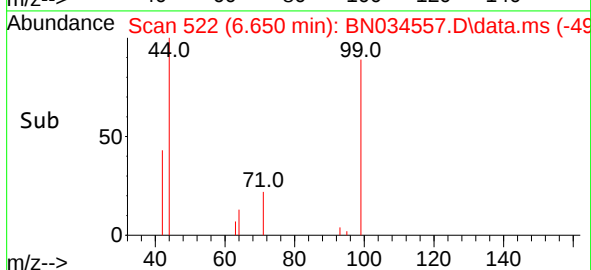
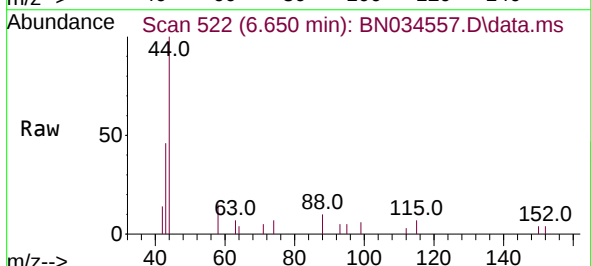
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#5
Phenol-d6
Concen: 0.024 ng m
RT: 6.650 min Scan# 522
Delta R.T. 0.079 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Tgt Ion: 99 Resp: 296
Ion Ratio Lower Upper
99 100
42 6.1 17.8 26.8#
71 12.8 26.2 39.2#





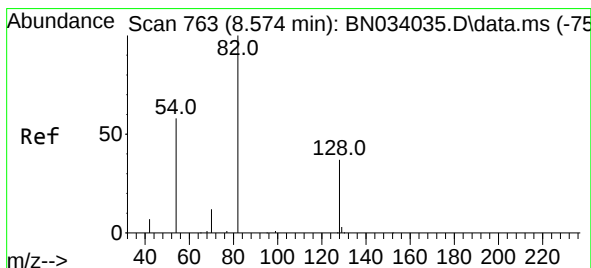
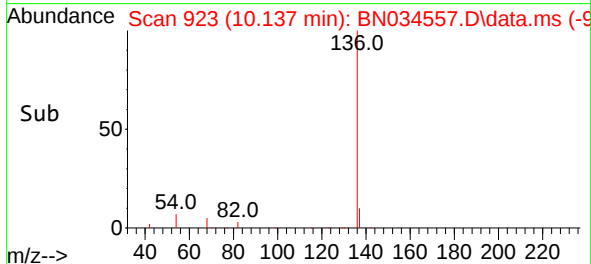
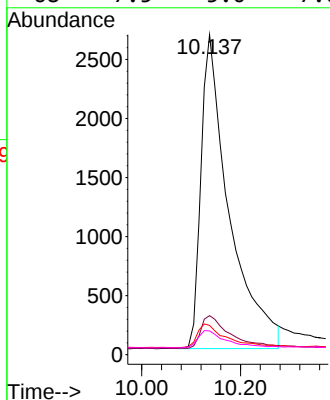
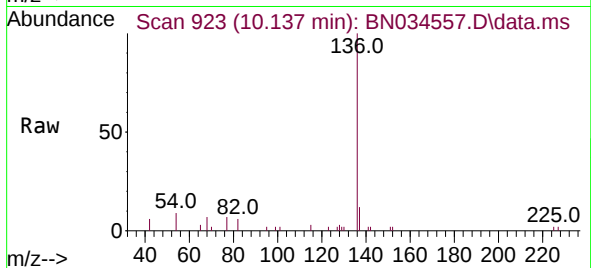
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

Tgt Ion:	136	Resp:	1049
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.0	13.6
54	9.2	6.8	10.2
68	7.5	5.0	7.6

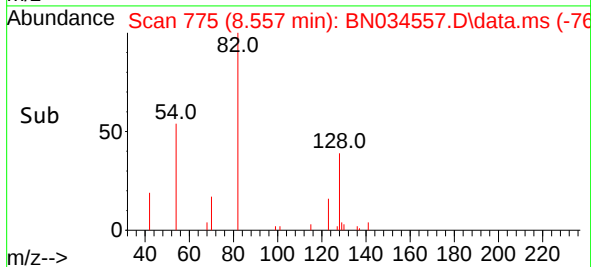
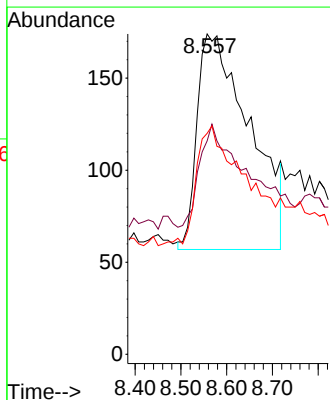
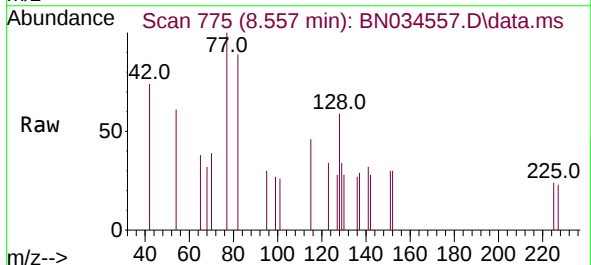
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#8
Nitrobenzene-d5
Concen: 0.117 ng m
RT: 8.557 min Scan# 775
Delta R.T. 0.043 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

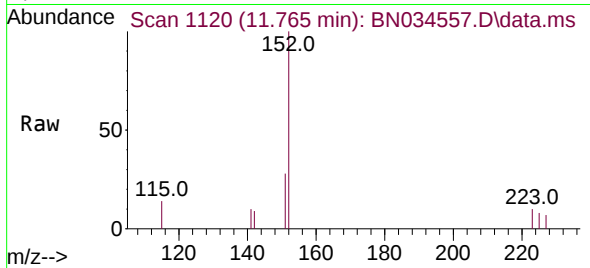
Tgt Ion:	82	Resp:	935
Ion Ratio	Lower	Upper	
82	100		
128	66.7	31.4	47.2
54	69.0	47.4	71.0





#11
2-Methylnaphthalene-d10
Concen: 0.146 ng m
RT: 11.765 min Scan# 1113
Delta R.T. 0.038 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

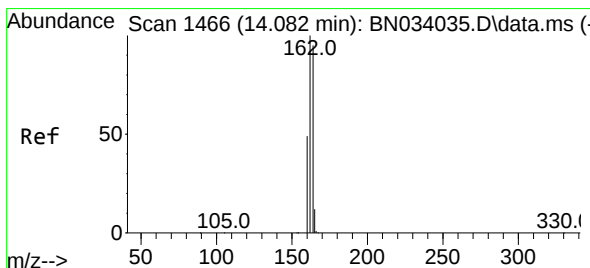
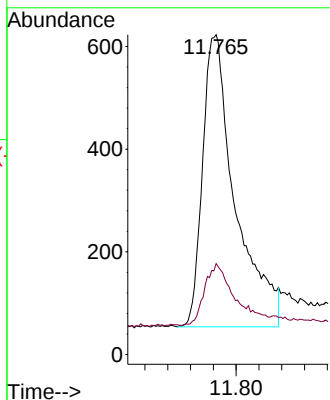
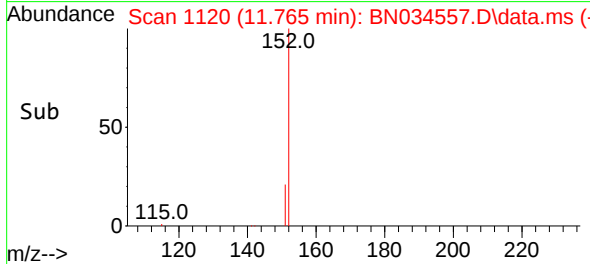
Instrument :
BNA_N
ClientSampleId :
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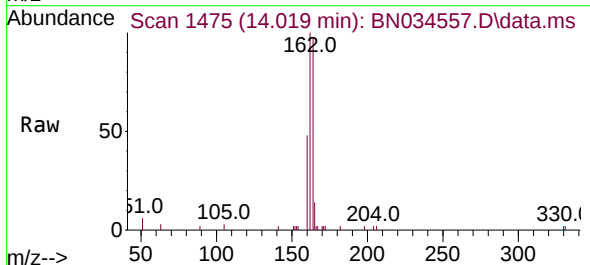
Tgt Ion:152 Resp: 2260
Ion Ratio Lower Upper
152 100
151 17.8 16.8 25.2

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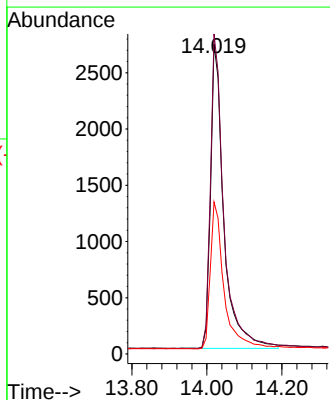
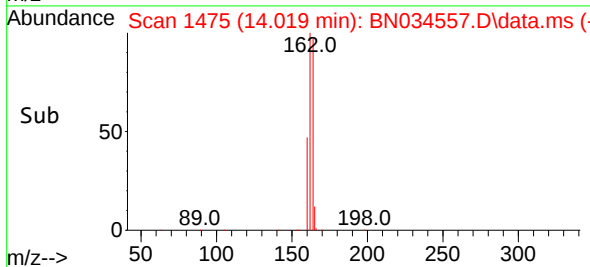
Reviewed By :Jagrut Upadhyay 10/14/2024
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23



Tgt Ion:164 Resp: 6659
Ion Ratio Lower Upper
164 100
162 103.2 84.2 126.2
160 49.1 41.7 62.5





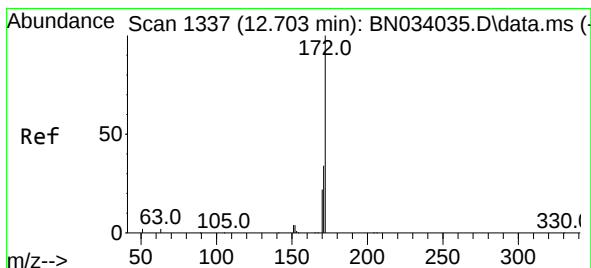
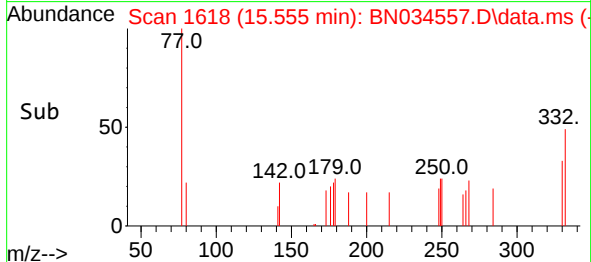
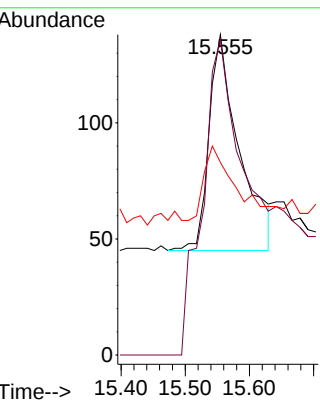
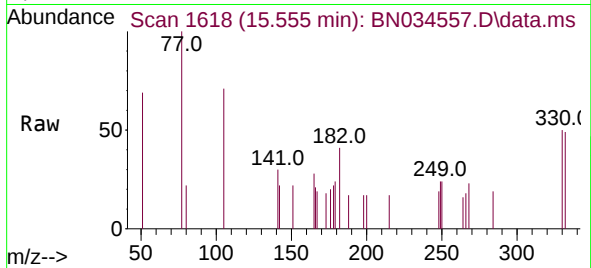
#14
2,4,6-Tribromophenol
Concen: 0.099 ng
RT: 15.555 min Scan# 1618
Delta R.T. 0.018 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

Tgt Ion:330 Resp: 298
Ion Ratio Lower Upper
330 100
332 217.4 77.4 116.0
141 35.9 35.9 53.9

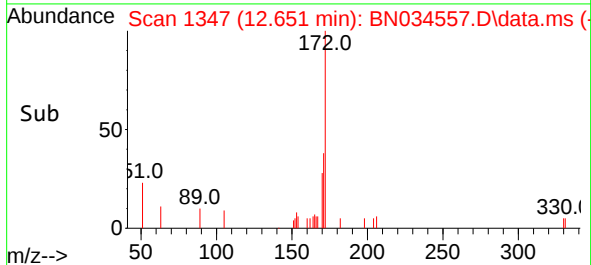
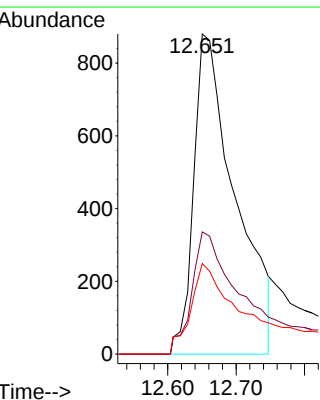
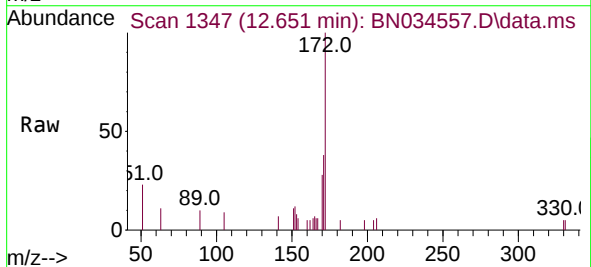
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#15
2-Fluorobiphenyl
Concen: 0.125 ng
RT: 12.651 min Scan# 1347
Delta R.T. 0.014 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

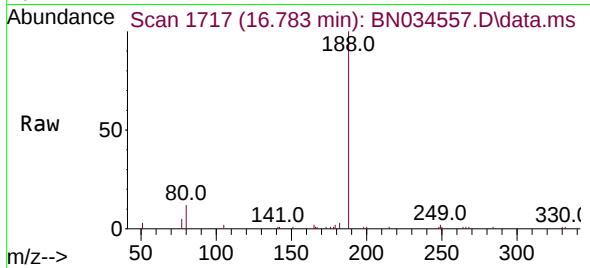
Tgt Ion:172 Resp: 3395
Ion Ratio Lower Upper
172 100
171 38.2 27.3 40.9
170 28.3 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

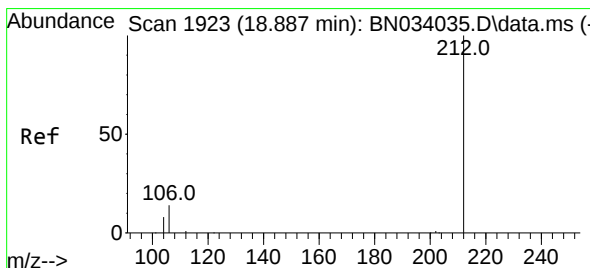
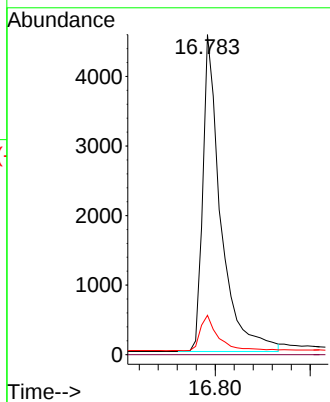
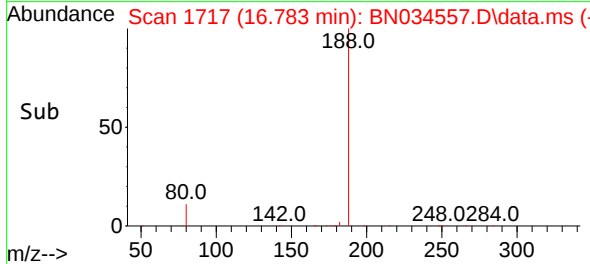
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL



Tgt Ion:188 Resp: 12028
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.4 11.0

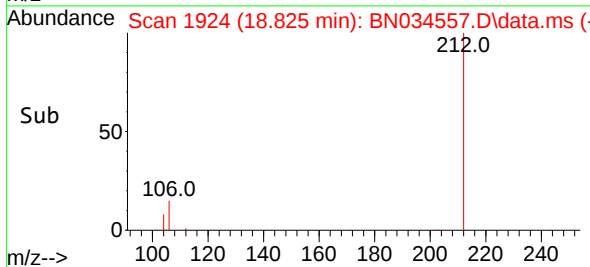
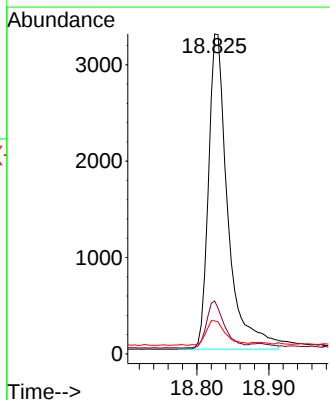
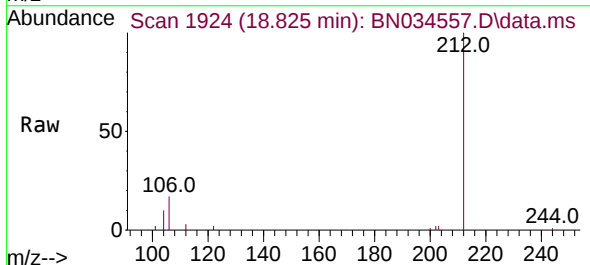
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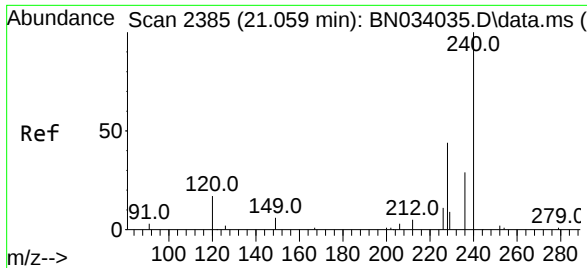
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#27
Fluoranthene-d10
Concen: 0.201 ng
RT: 18.825 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

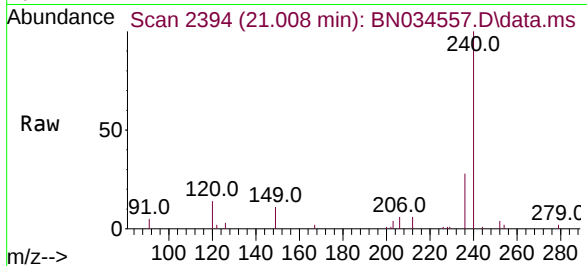
Tgt Ion:212 Resp: 6100
Ion Ratio Lower Upper
212 100
106 13.7 13.4 20.2
104 7.9 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

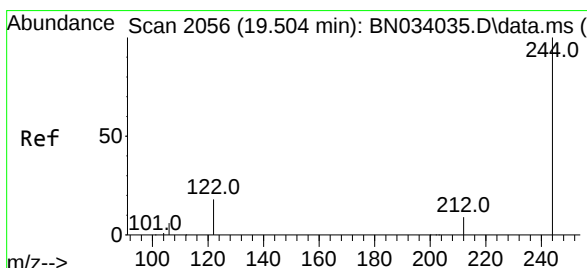
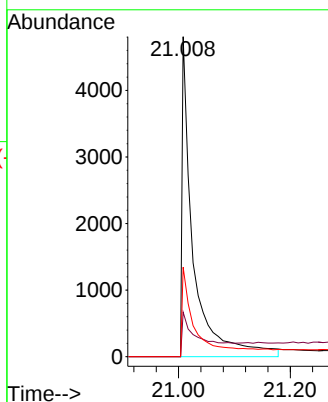
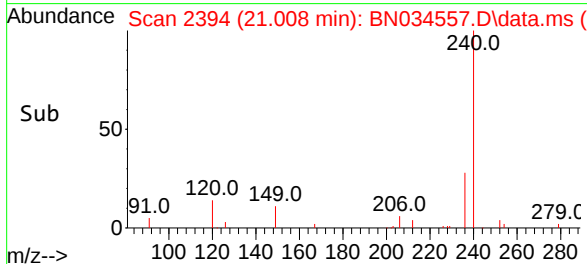
Instrument :
BNA_N
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Tgt Ion:240 Resp: 6979
Ion Ratio Lower Upper
240 100
120 13.9 13.5 20.3
236 27.9 23.4 35.0

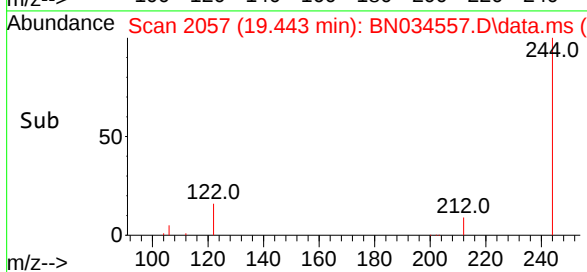
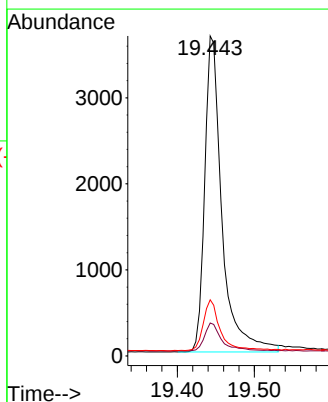
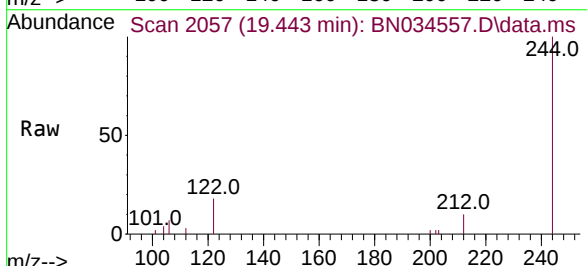
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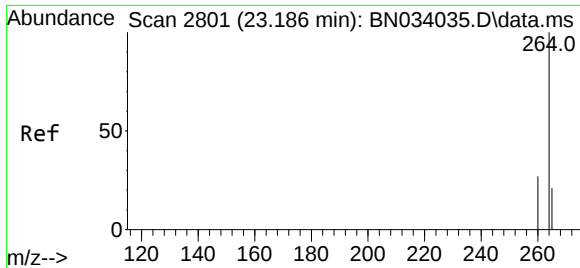
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.443 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Tgt Ion:244 Resp: 5726
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 17.5 14.8 22.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.110 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN034557.D

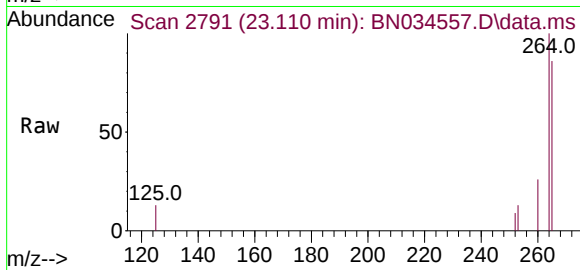
Acq: 11 Oct 2024 16:23

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:264 Resp: 10310

Ion Ratio Lower Upper

264 100

260 25.9 21.7 32.5

265 85.5 52.1 78.1

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Supervised By :mohammad ahmed 10/15/2024

