

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034549.D
 Acq On : 11 Oct 2024 09:15
 Operator : RC/JU
 Sample : P4263-04DL 2X
 Misc :
 ALS Vial : 125 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20240930DL

Quant Time: Oct 11 10:59:38 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.372	152	4287	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	12310	0.400	ng	0.01
13) Acenaphthene-d10	14.029	164	7425	0.400	ng	0.01
19) Phenanthrene-d10	16.795	188	14129	0.400	ng	0.02
29) Chrysene-d12	21.008	240	8780	0.400	ng	0.00
35) Perylene-d12	23.112	264	10183	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	993	0.082	ng	0.00
5) Phenol-d6	6.643	99	517m	0.037	ng	0.07
8) Nitrobenzene-d5	8.557	82	1045m	0.111	ng	0.04
11) 2-Methylnaphthalene-d10	11.757	152	2574m	0.142	ng	0.03
14) 2,4,6-Tribromophenol	15.554	330	333	0.099	ng	0.02
15) 2-Fluorobiphenyl	12.650	172	3666	0.121	ng	0.01
27) Fluoranthene-d10	18.829	212	6432	0.180	ng	0.00
31) Terphenyl-d14	19.447	244	4414	0.252	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.024	88	17928	3.345	ng	Qvalue 99

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

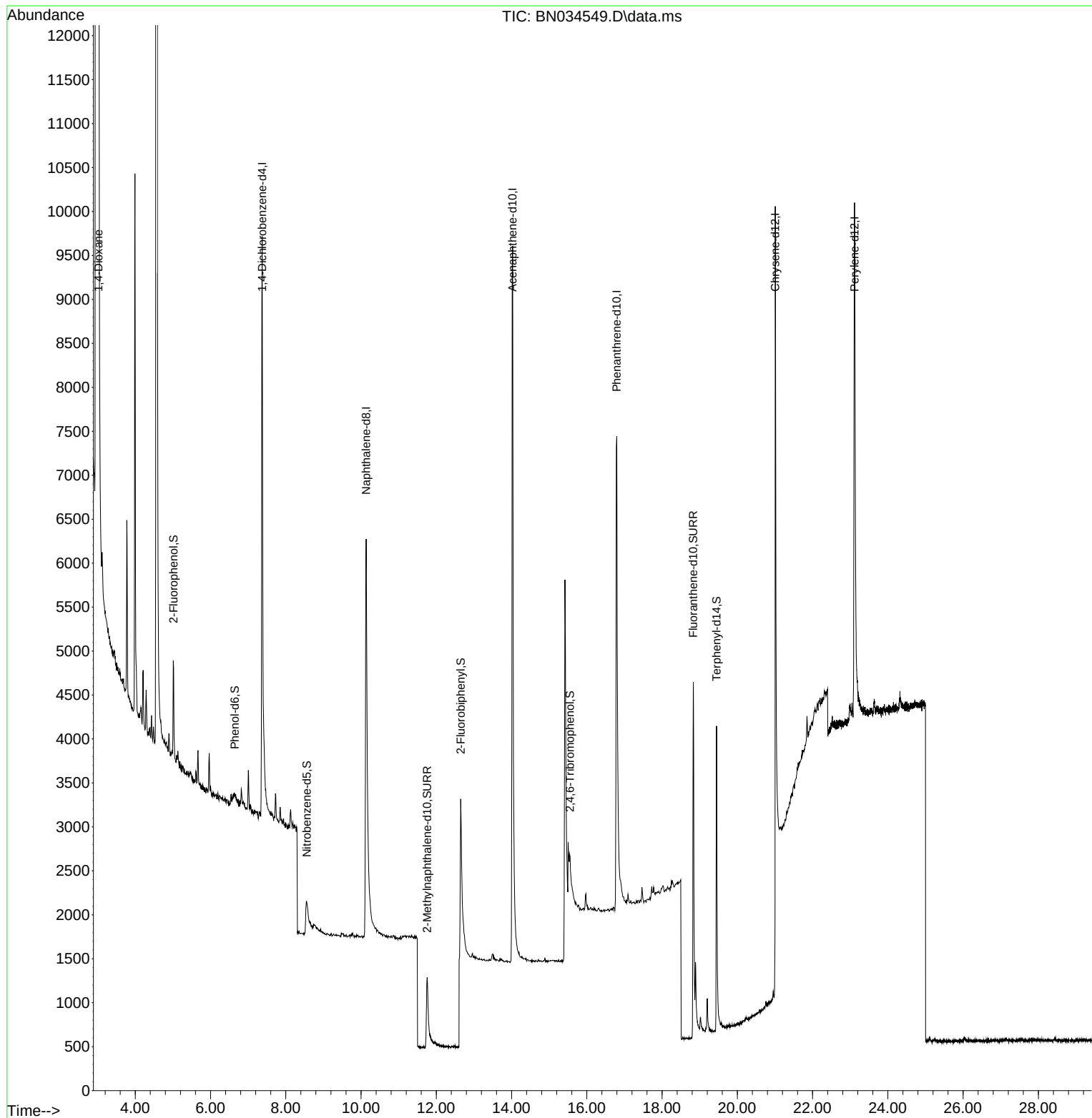
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034549.D
Acq On : 11 Oct 2024 09:15
Operator : RC/JU
Sample : P4263-04DL 2X
Misc :
ALS Vial : 125 Sample Multiplier: 1

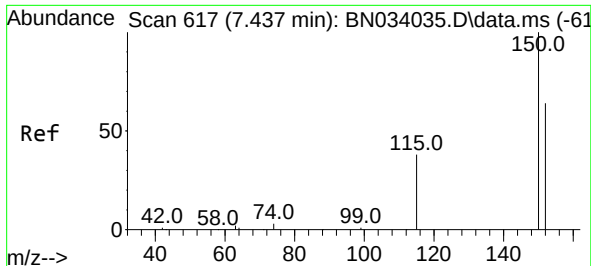
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL

Quant Time: Oct 11 10:59:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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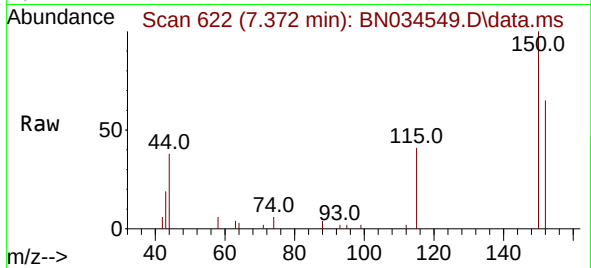
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.372 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

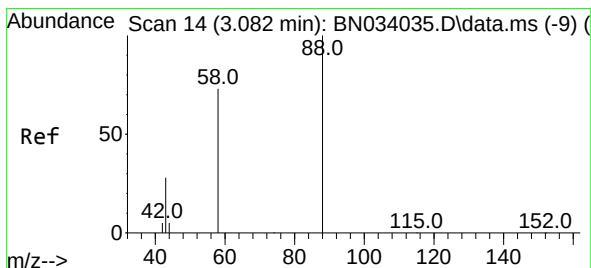
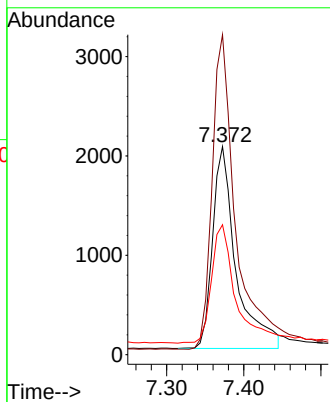
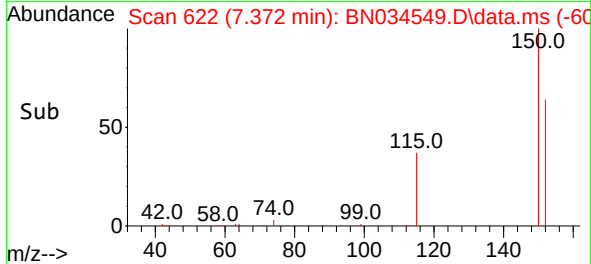
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL



Tgt Ion:152 Resp: 428
Ion Ratio Lower Upper
152 100
150 153.7 124.6 187.0
115 62.4 50.0 75.0

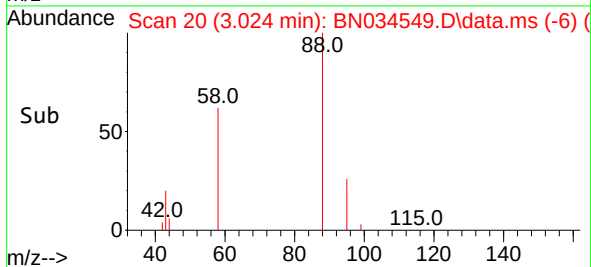
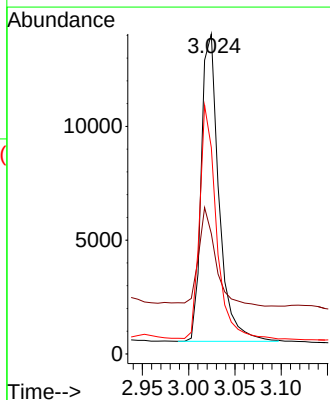
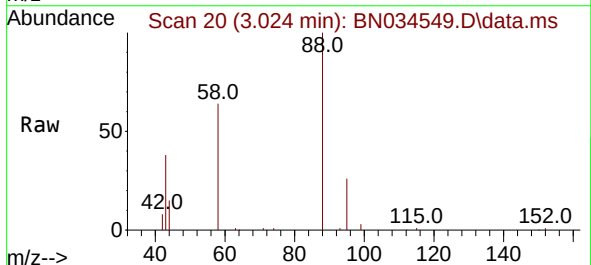
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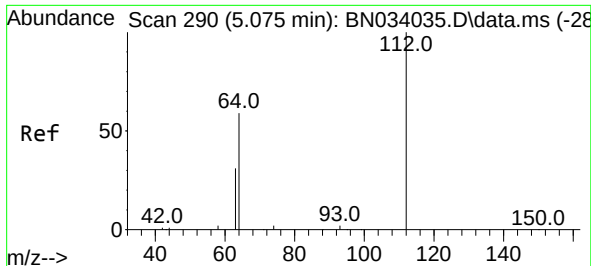
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Supervised By :mohammad ahmed 10/14/2024



#2
1,4-Dioxane
Concen: 3.345 ng
RT: 3.024 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Tgt Ion: 88 Resp: 17928
Ion Ratio Lower Upper
88 100
43 31.5 25.8 38.8
58 72.3 58.8 88.2





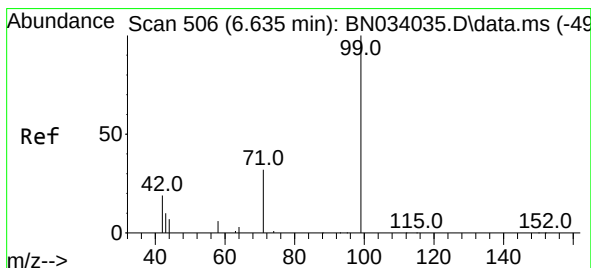
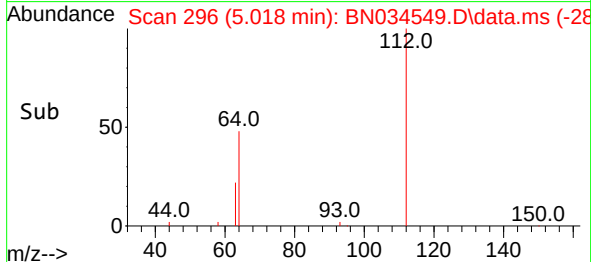
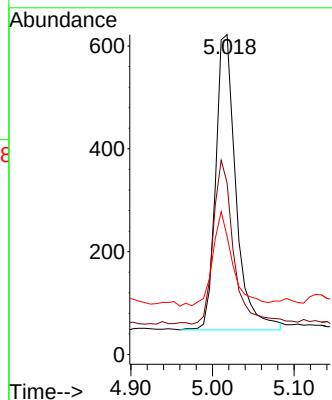
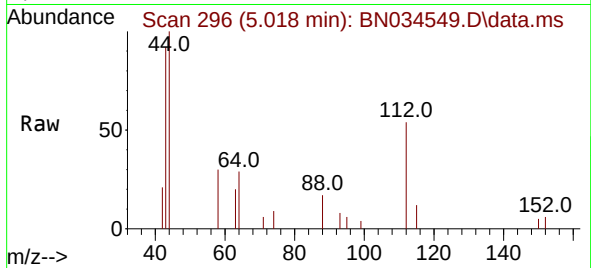
#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.018 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL

Tgt Ion:112 Resp: 99
Ion Ratio Lower Upper
112 100
64 55.2 48.6 72.8
63 30.7 25.6 38.4

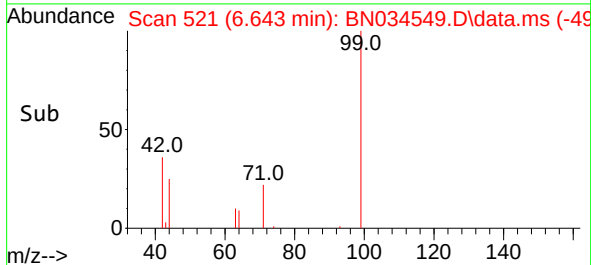
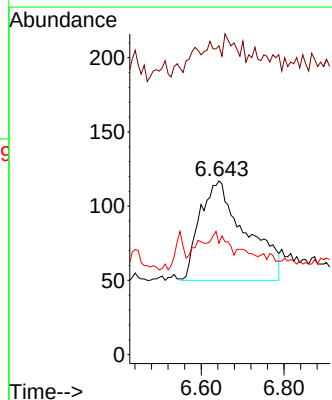
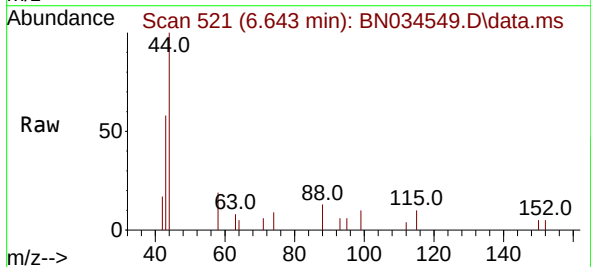
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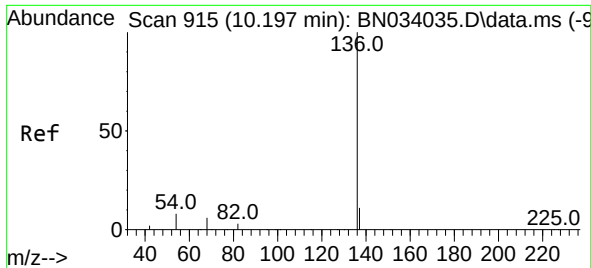
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Supervised By :mohammad ahmed 10/14/2024



#5
Phenol-d6
Concen: 0.037 ng m
RT: 6.643 min Scan# 521
Delta R.T. 0.072 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

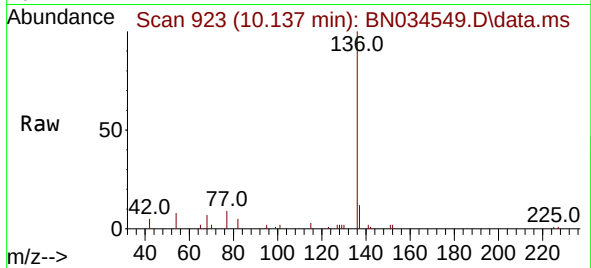
Tgt Ion: 99 Resp: 517
Ion Ratio Lower Upper
99 100
42 2.1 17.8 26.8#
71 7.2 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.010 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

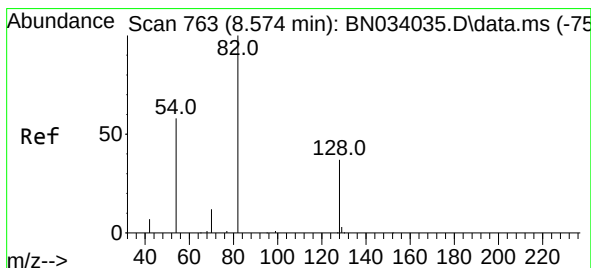
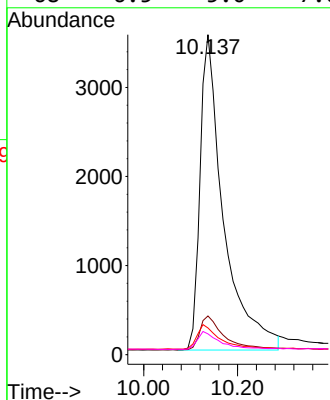
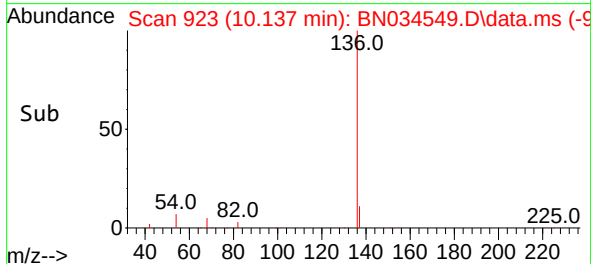
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL



Tgt Ion: 136 Resp: 12310
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 8.3 6.8 10.2
68 6.5 5.0 7.6

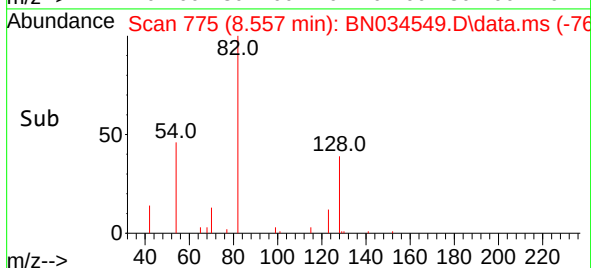
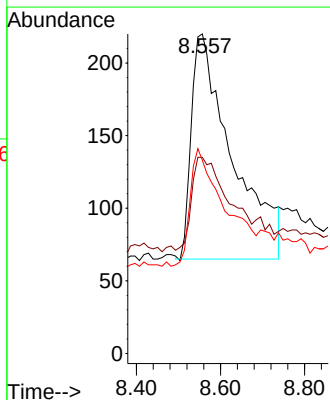
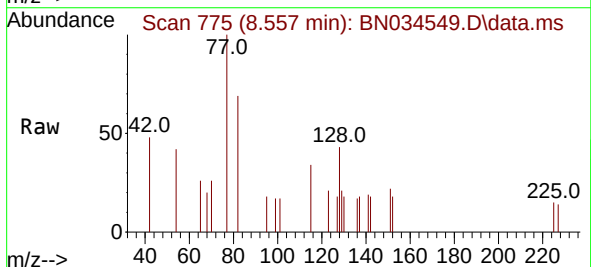
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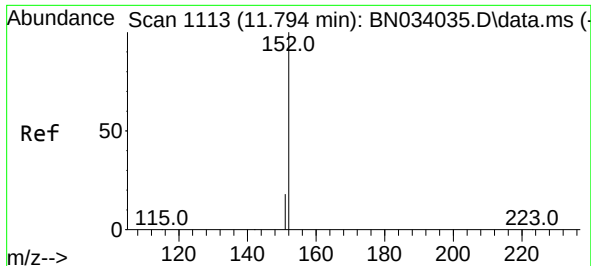
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#8
Nitrobenzene-d5
Concen: 0.111 ng m
RT: 8.557 min Scan# 775
Delta R.T. 0.042 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

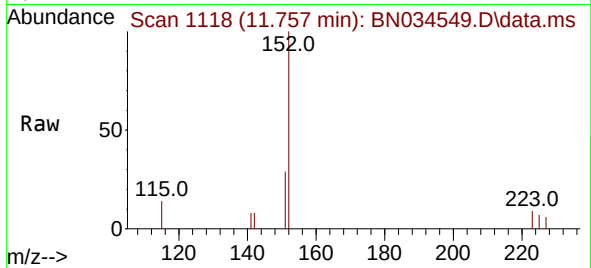
Tgt Ion: 82 Resp: 1045
Ion Ratio Lower Upper
82 100
128 61.4 31.4 47.2#
54 60.5 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.142 ng m
RT: 11.757 min Scan# 1113
Delta R.T. 0.030 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

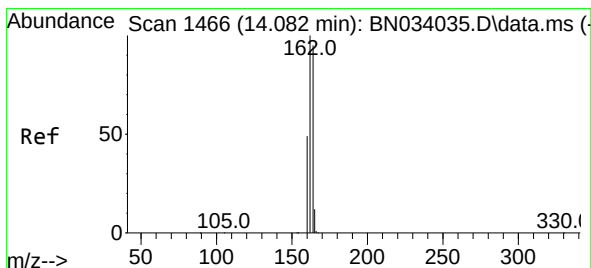
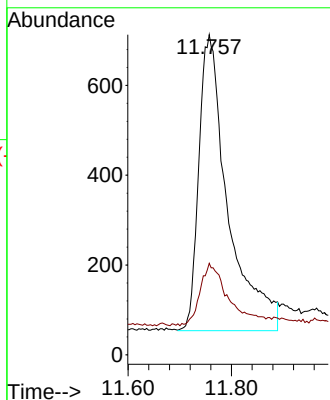
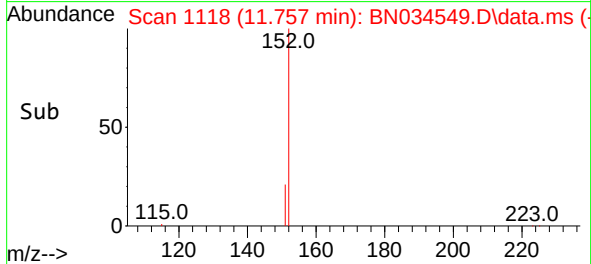
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ClientSampleId :
RE115D2-20240930DL



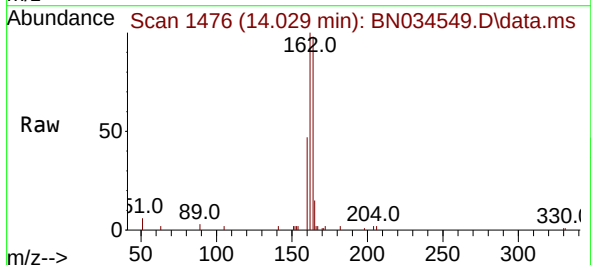
Tgt Ion:152 Resp: 2574
Ion Ratio Lower Upper
152 100
151 18.3 16.8 25.2

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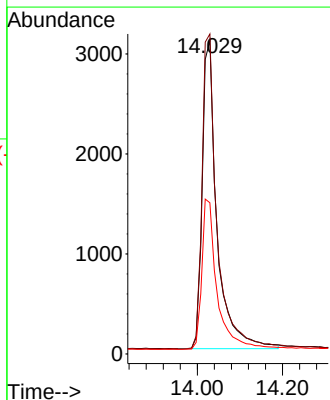
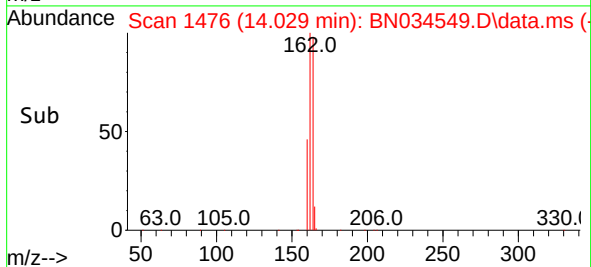
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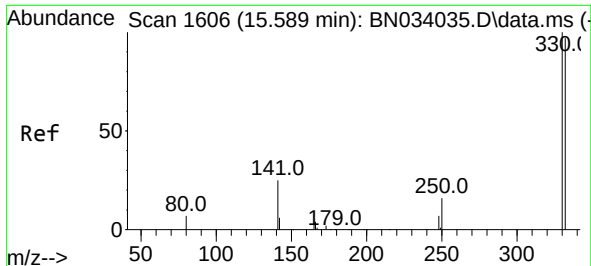


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.029 min Scan# 1476
Delta R.T. 0.014 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15



Tgt Ion:164 Resp: 7425
Ion Ratio Lower Upper
164 100
162 102.1 84.2 126.2
160 48.2 41.7 62.5





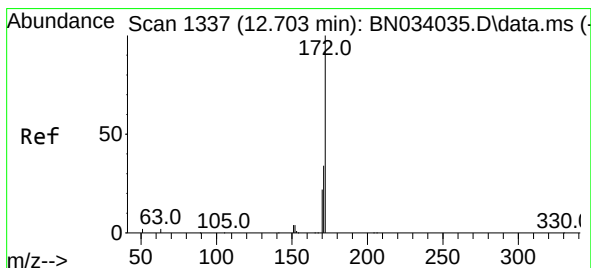
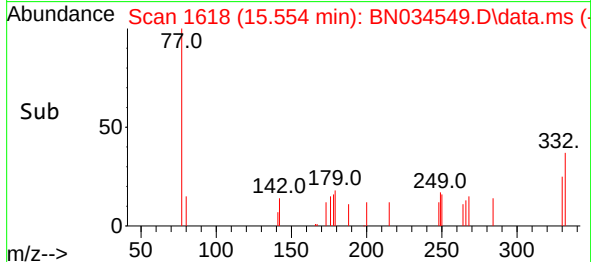
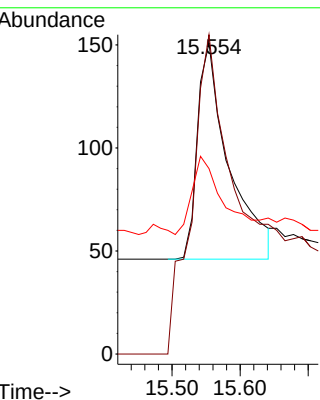
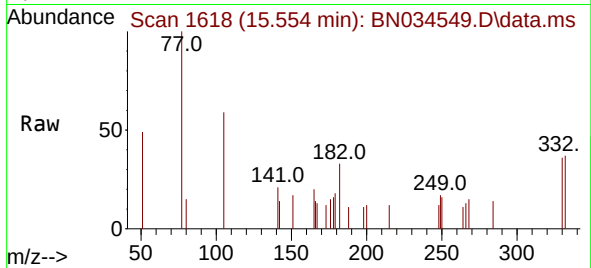
#14
2,4,6-Tribromophenol
Concen: 0.099 ng
RT: 15.554 min Scan# 1618
Delta R.T. 0.017 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL

Tgt Ion: 330 Resp: 330
Ion Ratio Lower Upper
330 100
332 230.9 77.4 116.0
141 36.6 35.9 53.9

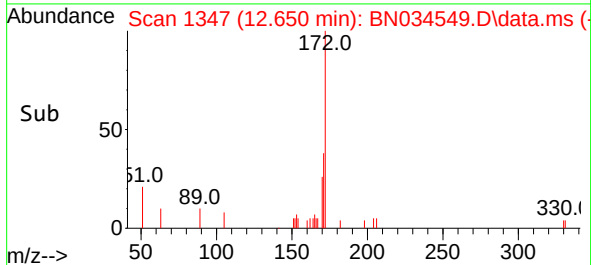
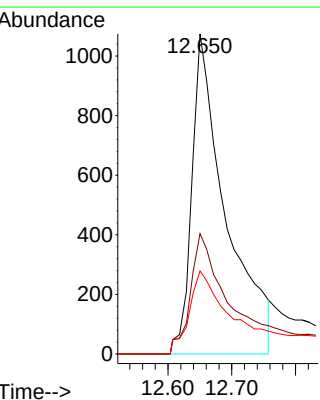
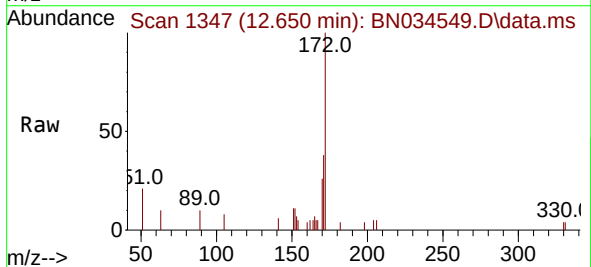
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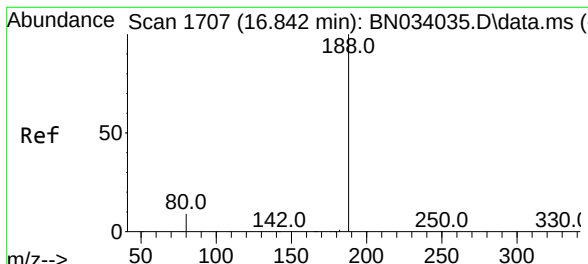
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#15
2-Fluorobiphenyl
Concen: 0.121 ng
RT: 12.650 min Scan# 1347
Delta R.T. 0.014 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Tgt Ion: 172 Resp: 3666
Ion Ratio Lower Upper
172 100
171 37.6 27.3 40.9
170 26.0 18.1 27.1





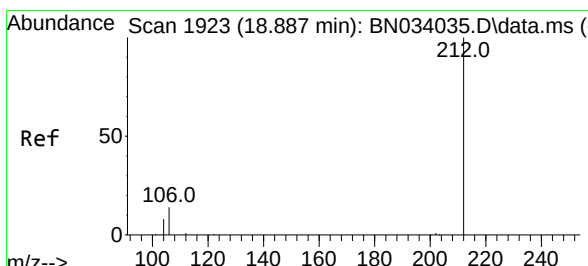
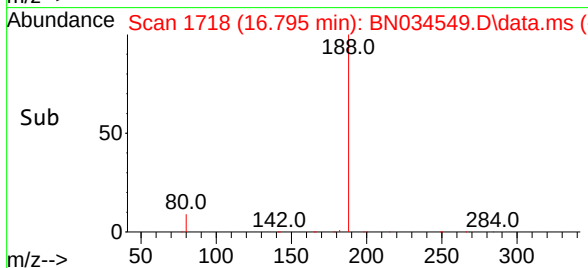
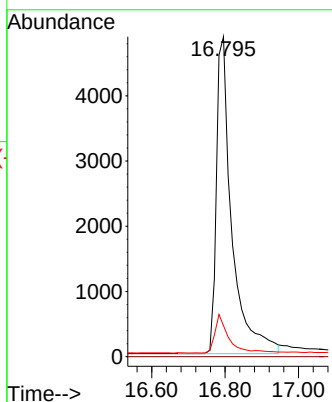
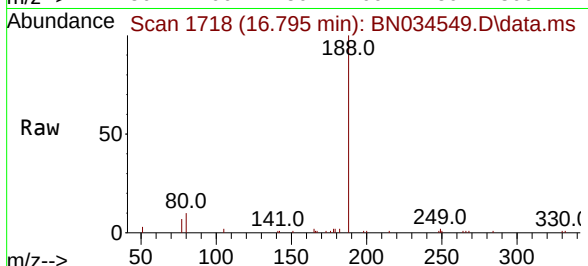
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.795 min Scan# 11
Delta R.T. 0.017 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

Instrument :
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RE115D2-20240930DL

Tgt Ion:	188	Resp:	14129
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.0

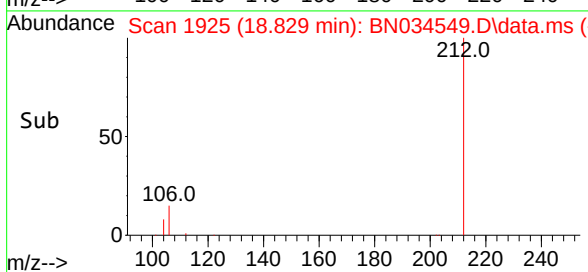
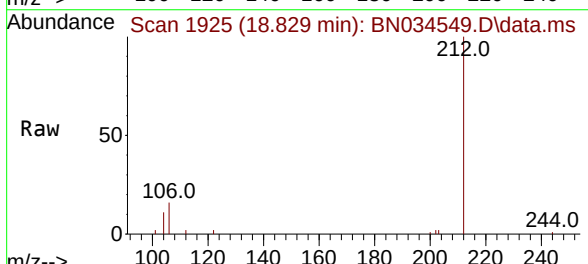
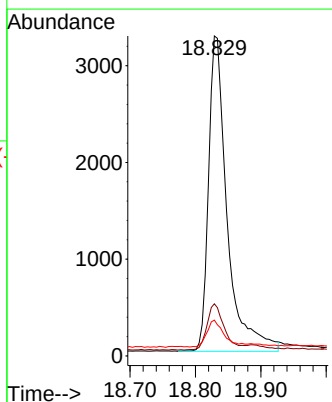
Manual Integrations
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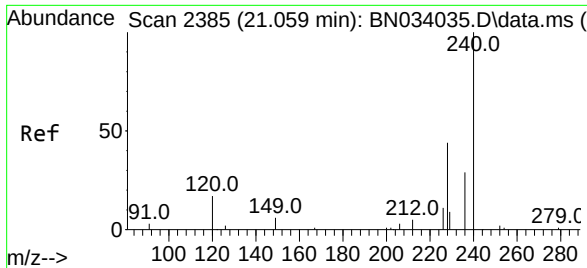
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#27
Fluoranthene-d10
Concen: 0.180 ng
RT: 18.829 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

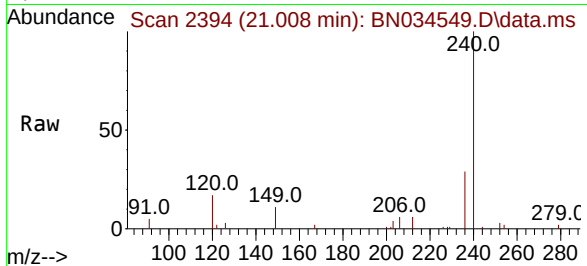
Tgt Ion:	212	Resp:	6432
Ion Ratio	Lower	Upper	
212	100		
106	13.7	13.4	20.2
104	8.0	7.8	11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21008
Delta R.T. 0.002 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

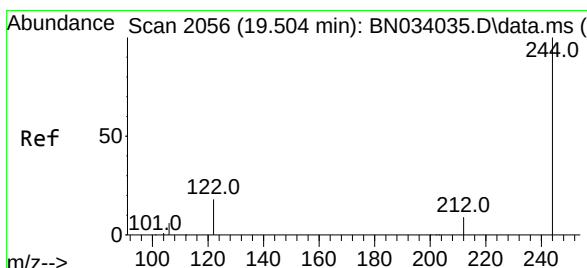
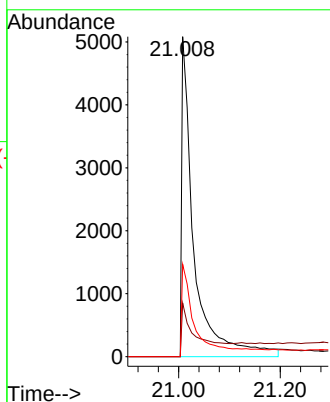
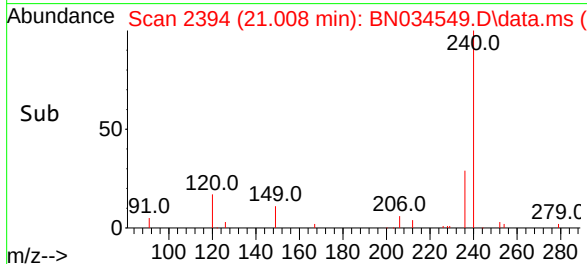
Instrument :
BNA_N
ClientSampleId :
RE115D2-20240930DL



Tgt Ion:240 Resp: 8780
Ion Ratio Lower Upper
240 100
120 16.7 13.5 20.3
236 28.9 23.4 35.0

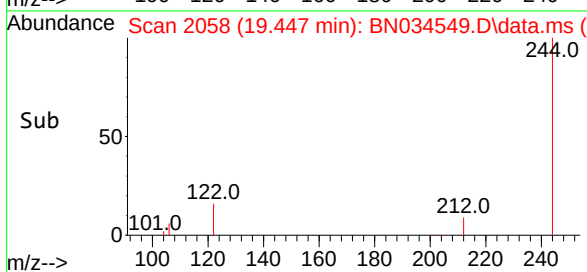
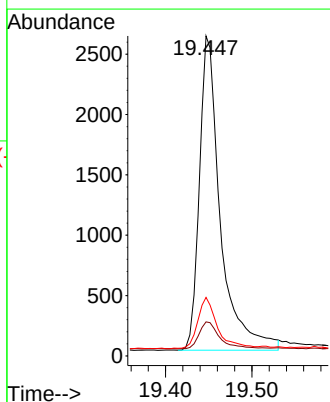
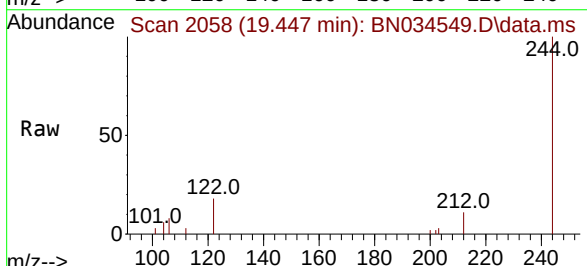
Manual Integrations
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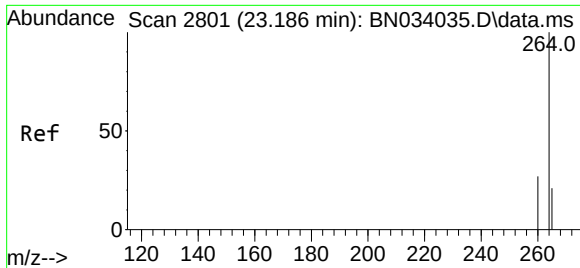
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#31
Terphenyl-d14
Concen: 0.252 ng
RT: 19.447 min Scan# 2058
Delta R.T. -0.003 min
Lab File: BN034549.D
Acq: 11 Oct 2024 09:15

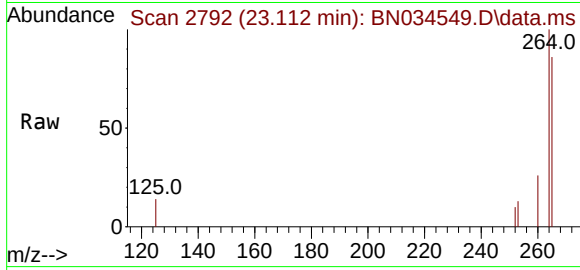
Tgt Ion:244 Resp: 4414
Ion Ratio Lower Upper
244 100
212 10.6 7.8 11.6
122 18.3 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.112 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN034549.D
 Acq: 11 Oct 2024 09:15

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20240930DL



Tgt Ion:264 Resp: 1018

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.7	32.5
265	86.3	52.1	78.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024

