

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033047.D
 Acq On : 27 Jul 2024 23:52
 Operator : MA/JU
 Sample : P3299-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240717

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:09:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1959m	0.400	ng	0.05
7) Naphthalene-d8	10.415	136	8054m	0.400	ng	0.11
13) Acenaphthene-d10	14.197	164	5879	0.400	ng	0.02
19) Phenanthrene-d10	16.964	188	12090	0.400	ng	# 0.00
29) Chrysene-d12	21.167	240	11776	0.400	ng	0.00
35) Perylene-d12	23.359	264	11747	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	1351m	0.273	ng	0.07
5) Phenol-d6	7.091	99	1056m	0.172	ng	0.31
8) Nitrobenzene-d5	8.984	82	1902m	0.314	ng	0.25
11) 2-Methylnaphthalene-d10	12.003	152	3753m	0.305	ng	0.09
14) 2,4,6-Tribromophenol	15.760	330	693	0.276	ng	0.03
15) 2-Fluorobiphenyl	12.861	172	5602m	0.256	ng	0.05
27) Fluoranthene-d10	18.985	212	12321	0.394	ng	0.00
31) Terphenyl-d14	19.570	244	10794	0.447	ng	-0.02

Target Compounds Qvalue

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

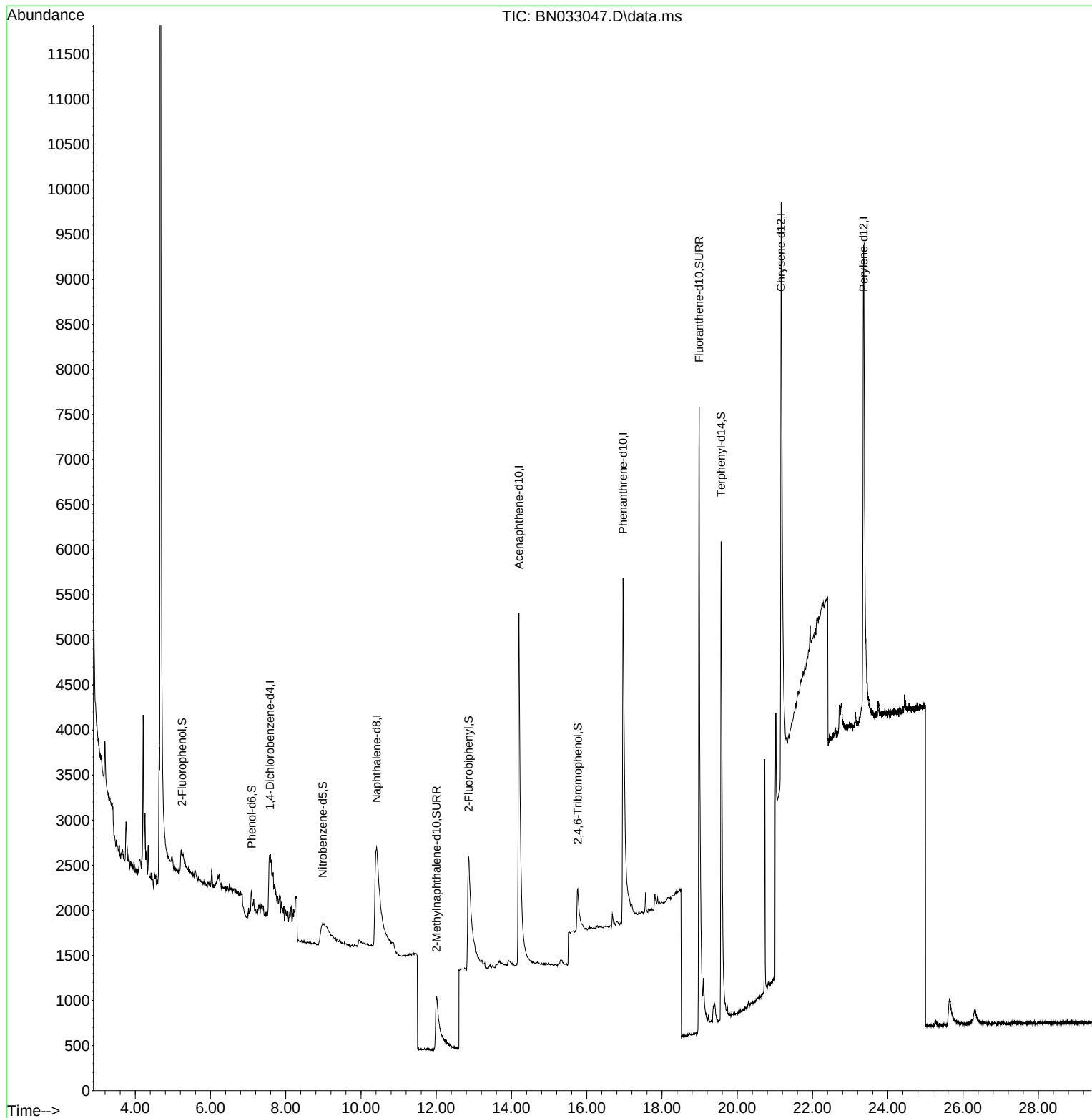
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ALS Vial : 63 Sample Multiplier: 1

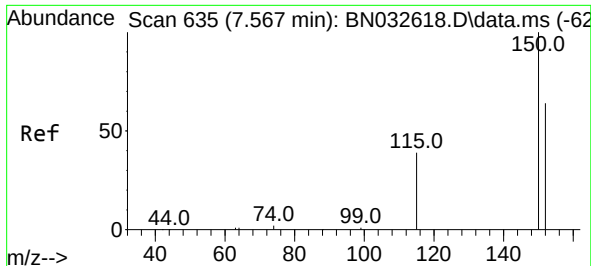
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Quant Time: Jul 29 01:09:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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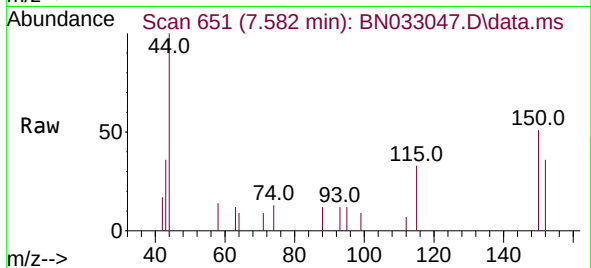
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.582 min Scan# 61
Delta R.T. 0.051 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

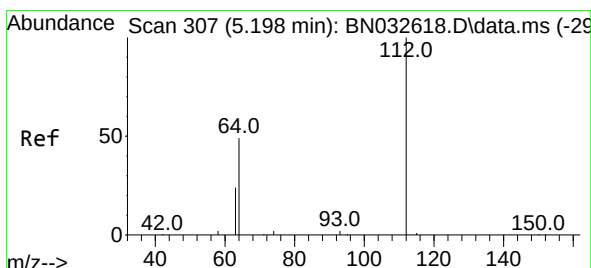
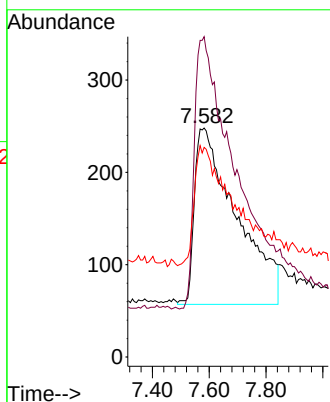
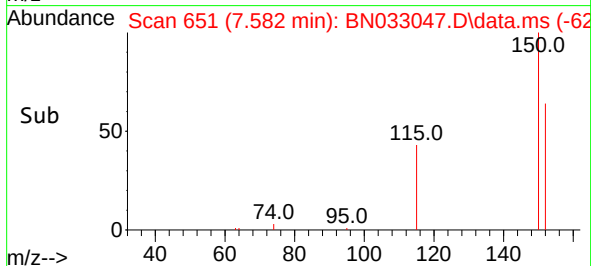
Instrument :
BNA_N
ClientSampleId :
SP-303-20240717



Tgt Ion:152 Resp: 195
Ion Ratio Lower Upper
152 100
150 139.9 123.8 185.6
115 91.5 52.8 79.2

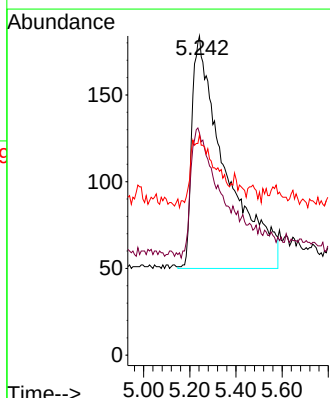
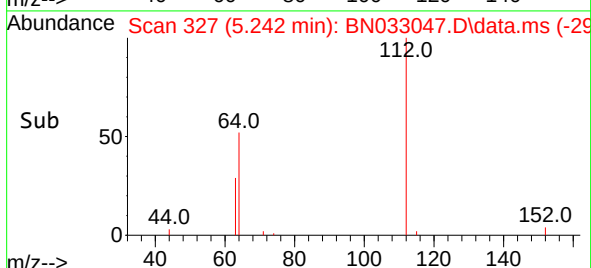
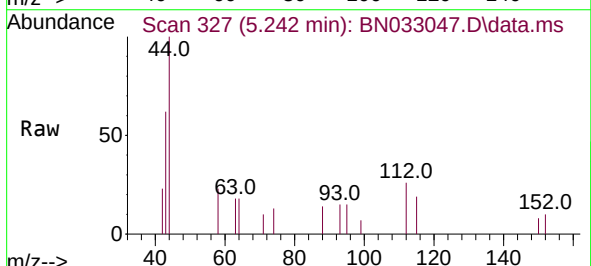
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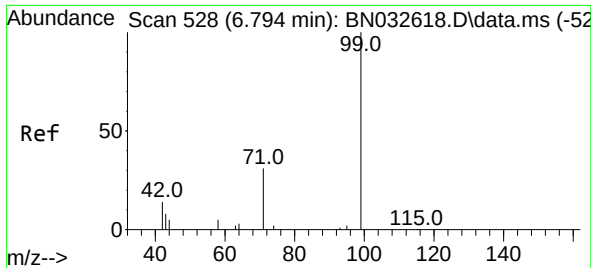
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#4
2-Fluorophenol
Concen: 0.273 ng m
RT: 5.242 min Scan# 327
Delta R.T. 0.066 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

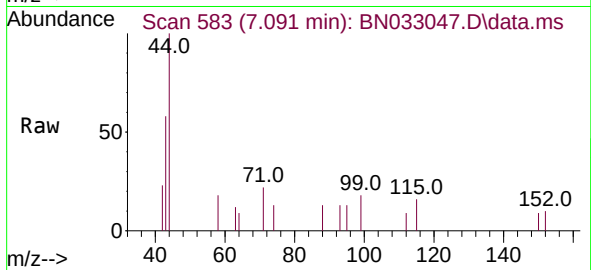
Tgt Ion:112 Resp: 1351
Ion Ratio Lower Upper
112 100
64 42.6 40.2 60.4
63 22.6 22.2 33.4





#5
Phenol-d6
Concen: 0.172 ng m
RT: 7.091 min Scan# 51
Delta R.T. 0.312 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

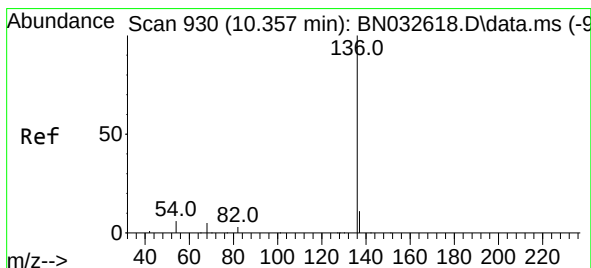
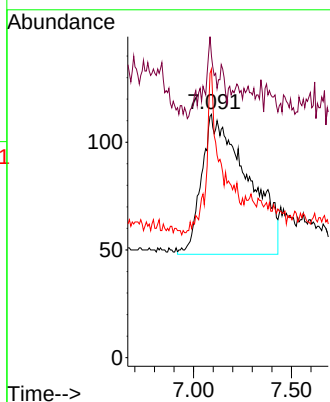
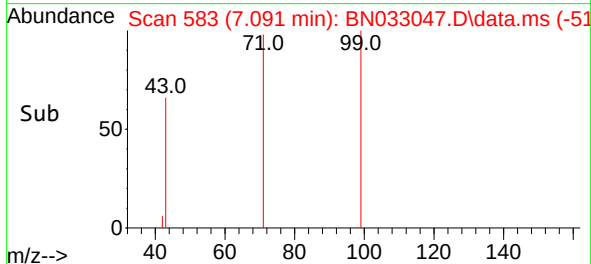
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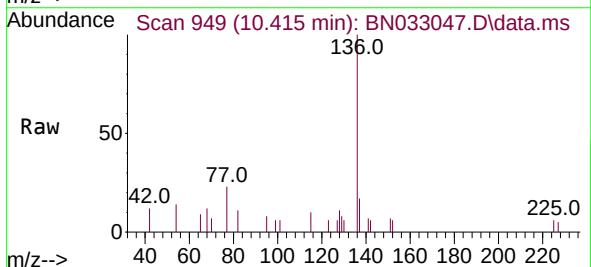
Tgt Ion: 99 Resp: 1050
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.4 22.3 33.5#

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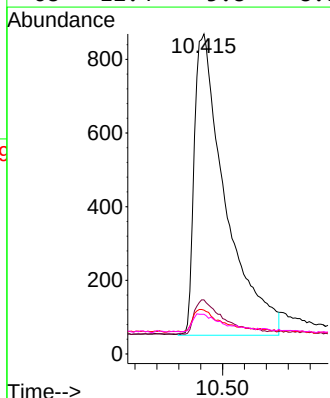
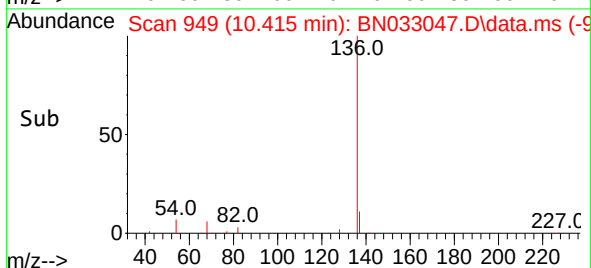
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

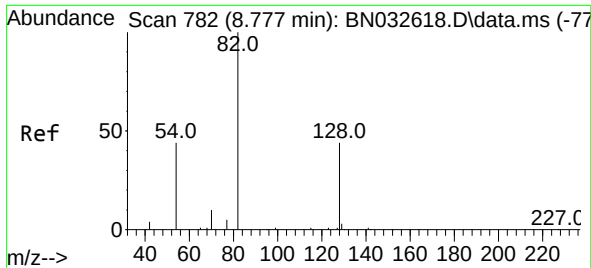


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.415 min Scan# 949
Delta R.T. 0.111 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52



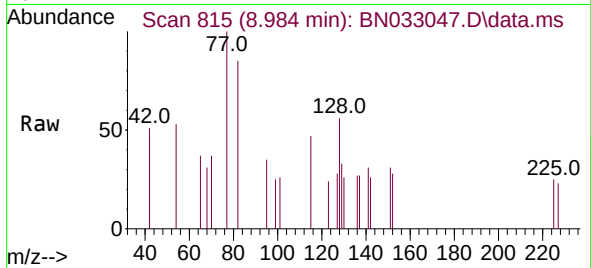
Tgt Ion:136 Resp: 8054
Ion Ratio Lower Upper
136 100
137 16.9 9.9 14.9#
54 13.7 6.5 9.7#
68 12.4 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.314 ng m
RT: 8.984 min Scan# 815
Delta R.T. 0.250 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

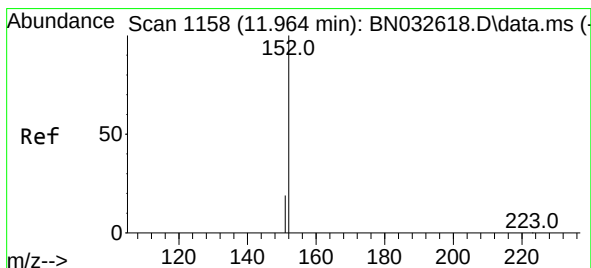
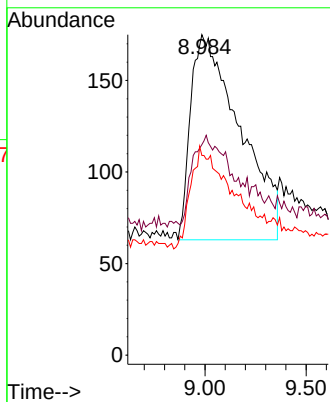
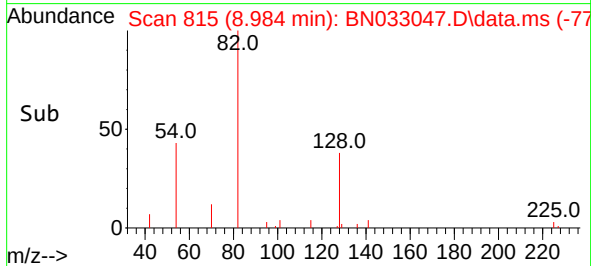
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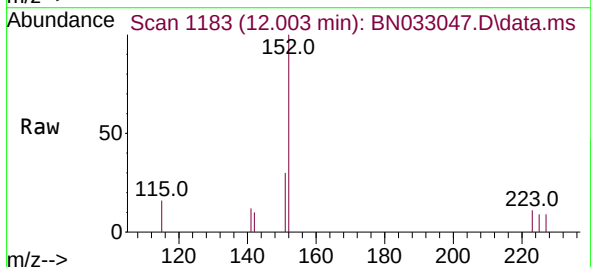
Tgt Ion: 82 Resp: 190
Ion Ratio Lower Upper
82 100
128 65.7 41.7 62.5
54 62.3 39.5 59.3

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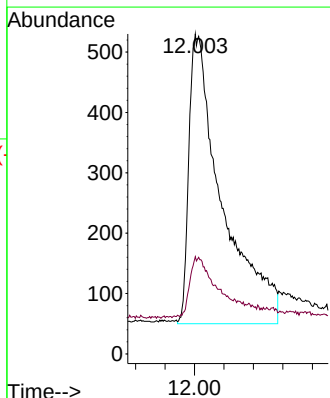
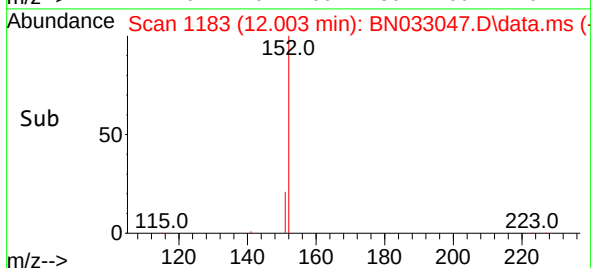
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

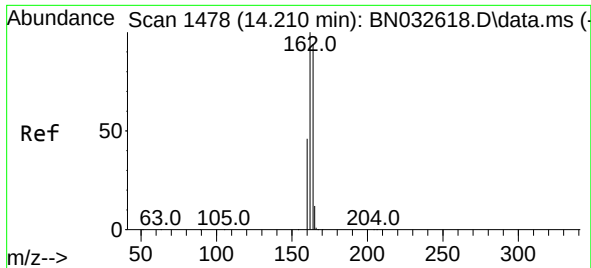


#11
2-Methylnaphthalene-d10
Concen: 0.305 ng m
RT: 12.003 min Scan# 1183
Delta R.T. 0.088 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52



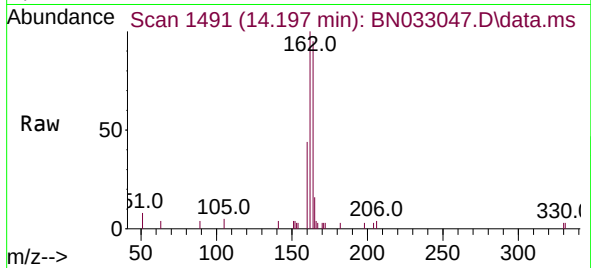
Tgt Ion:152 Resp: 3753
Ion Ratio Lower Upper
152 100
151 4.3 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.197 min Scan# 1478
Delta R.T. 0.019 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

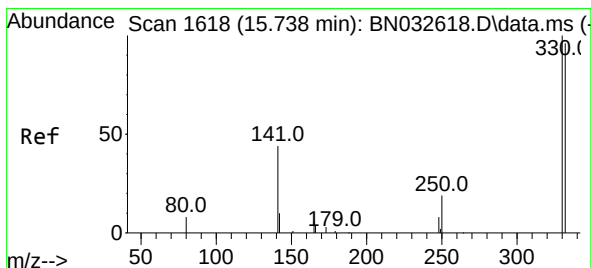
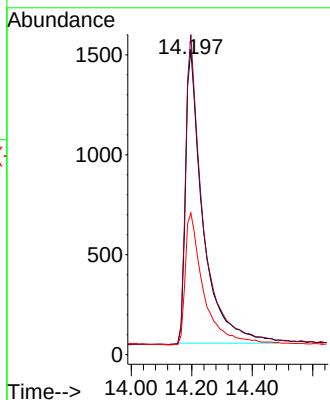
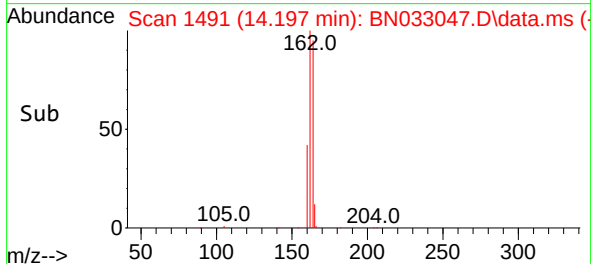
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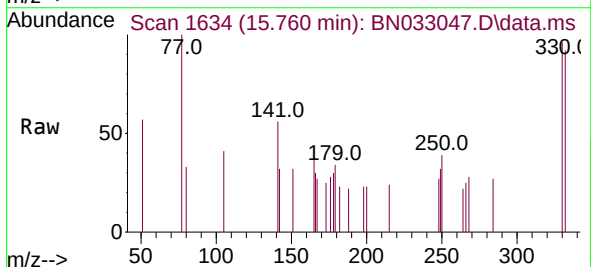
Tgt Ion:164 Resp: 5879
Ion Ratio Lower Upper
164 100
162 104.8 85.0 127.4
160 46.4 39.4 59.2

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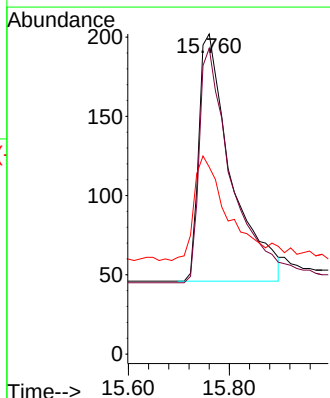
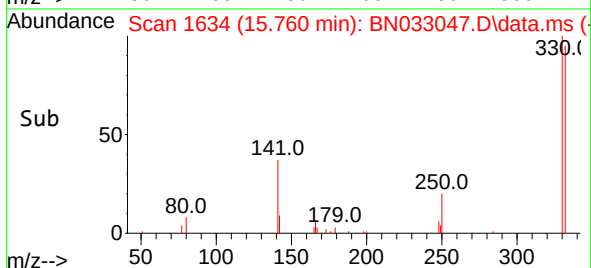
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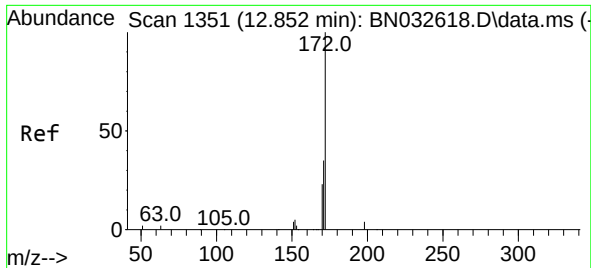


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.760 min Scan# 1634
Delta R.T. 0.035 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52



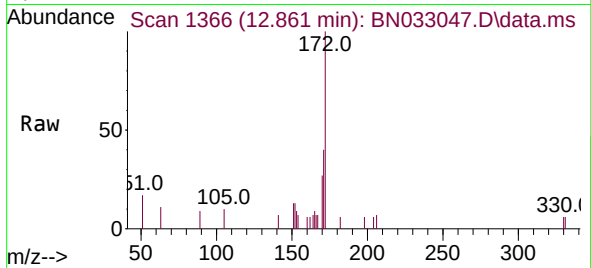
Tgt Ion:330 Resp: 693
Ion Ratio Lower Upper
330 100
332 94.7 77.8 116.8
141 45.7 34.2 51.2





#15
2-Fluorobiphenyl
Concen: 0.256 ng m
RT: 12.861 min Scan# 1366
Delta R.T. 0.051 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

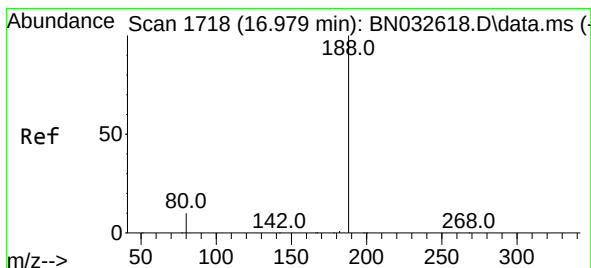
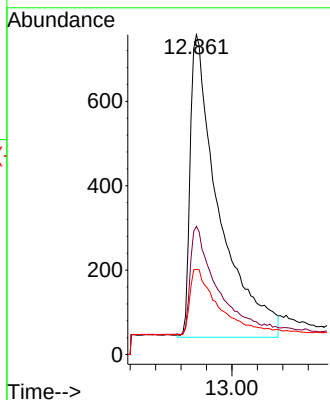
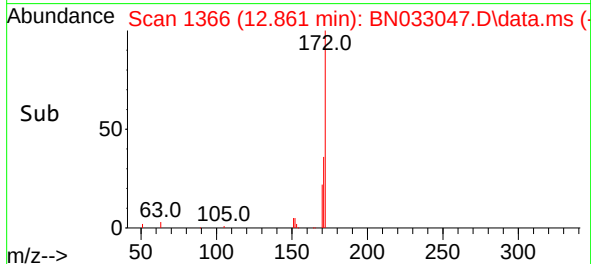
Instrument :
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Tgt Ion:172 Resp: 560
Ion Ratio Lower Upper
172 100
171 40.1 28.6 43.0
170 26.6 19.0 28.6

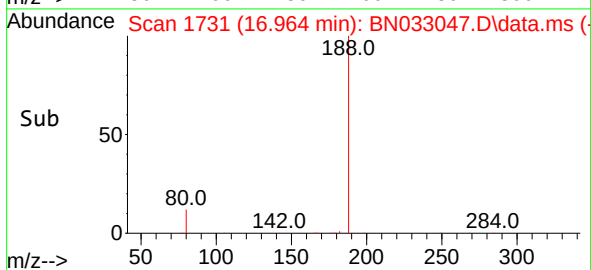
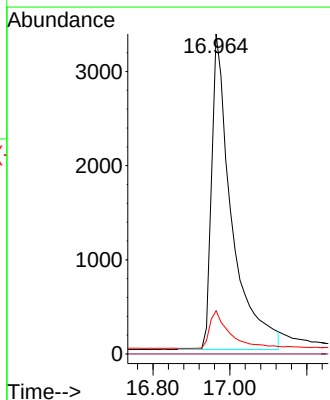
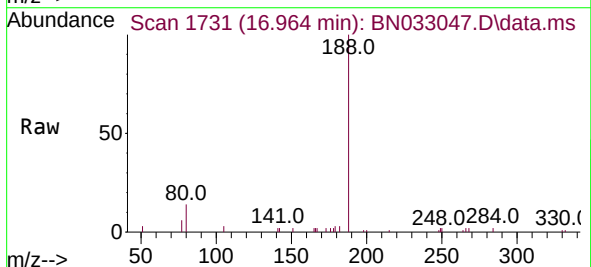
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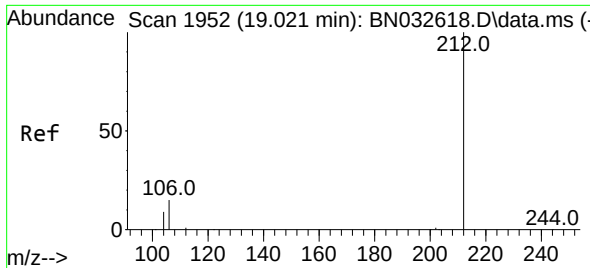
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.964 min Scan# 1731
Delta R.T. 0.010 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

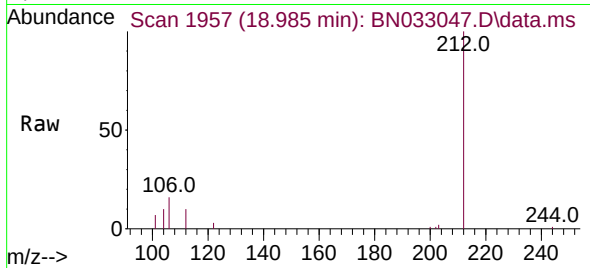
Tgt Ion:188 Resp: 12090
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 8.8 13.2#





#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.985 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

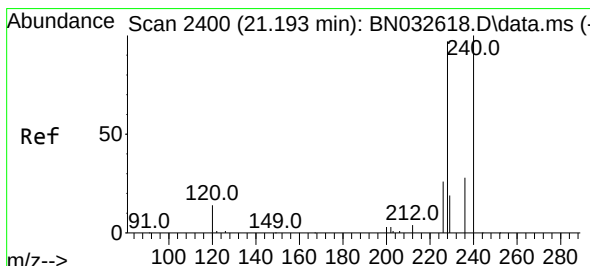
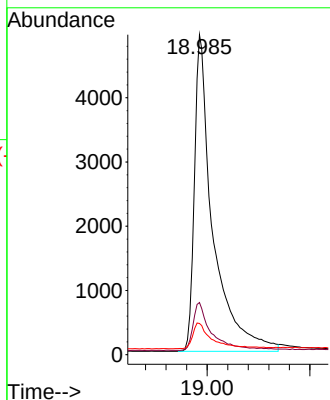
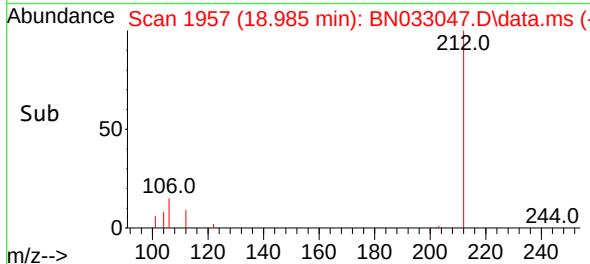
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Tgt Ion:212 Resp: 1232
Ion Ratio Lower Upper
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106 15.3 11.9 17.9
104 8.3 6.9 10.3

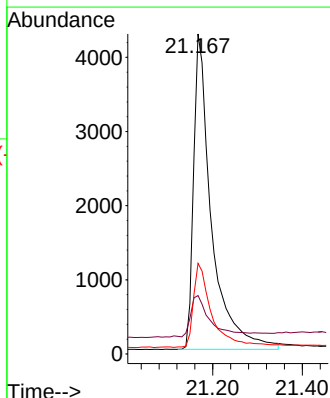
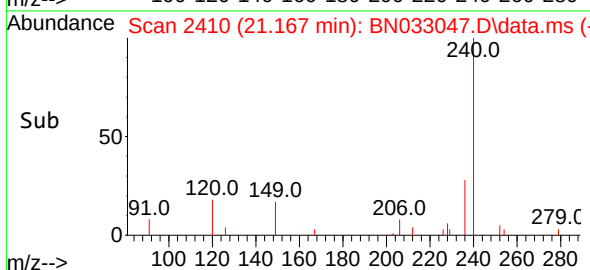
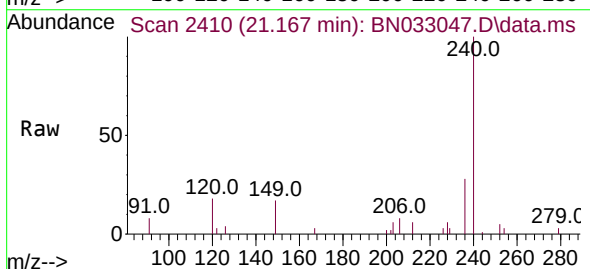
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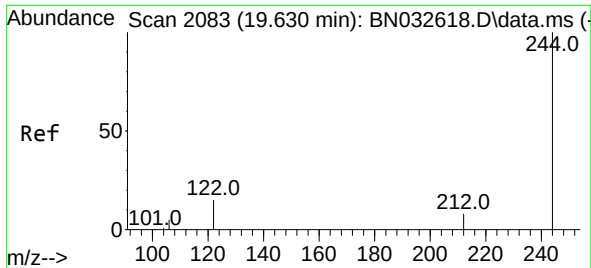
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.167 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Tgt Ion:240 Resp: 11776
Ion Ratio Lower Upper
240 100
120 18.3 14.8 22.2
236 28.3 23.3 34.9





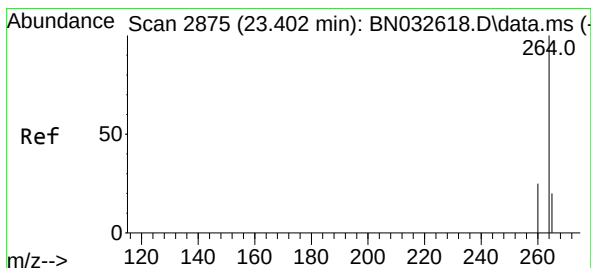
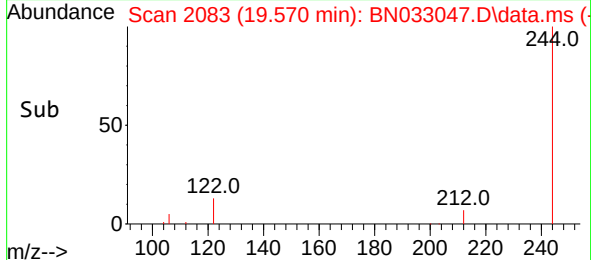
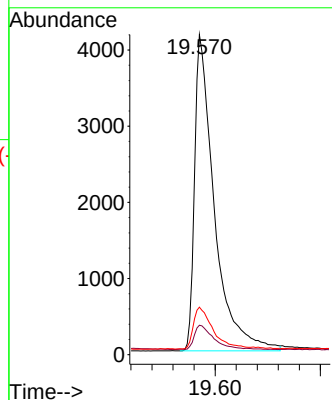
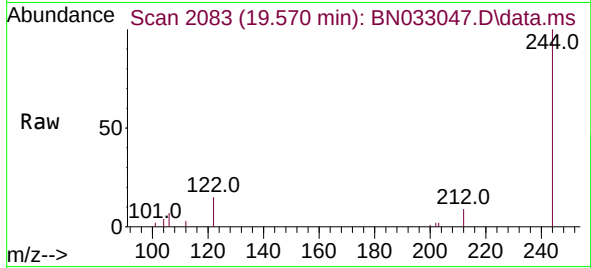
#31
Terphenyl-d14
Concen: 0.447 ng
RT: 19.570 min Scan# 2083
Delta R.T. -0.023 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

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Tgt Ion:244 Resp: 10794
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 14.9 12.6 19.0

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Supervised By :mohammad ahmed 07/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.359 min Scan# 2873
Delta R.T. 0.001 min
Lab File: BN033047.D
Acq: 27 Jul 2024 23:52

Tgt Ion:264 Resp: 11747
Ion Ratio Lower Upper
264 100
260 25.7 20.9 31.3
265 86.7 85.4 128.2

