

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017785.D
 Acq On : 08 Dec 2021 05:34
 Operator : CG/JU
 Sample : M4918-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-45A

Quant Time: Dec 08 07:35:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19634	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	77842	0.400	ng	0.00
13) Acenaphthene-d10	14.348	164	58294	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	121313	0.400	ng	0.00
29) Chrysene-d12	21.283	240	116550	0.400	ng	0.00
35) Perylene-d12	23.586	264	109566	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9461	0.199	ng	0.00
5) Phenol-d6	6.904	99	4988	0.111	ng	0.00
8) Nitrobenzene-d5	8.859	82	22734	0.439	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	51700	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	16686	0.548	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	104902	0.491	ng	0.00
27) Fluoranthene-d10	19.130	212	155838	0.384	ng	0.00
31) Terphenyl-d14	19.730	244	136310	0.545	ng	0.00
Target Compounds						
9) Naphthalene	10.545	128	20166	0.099	ng	97
12) 2-Methylnaphthalene	12.161	142	8257	0.056	ng	97
24) Pentachlorophenol	16.752	266	167	0.285	ng	89
34) Bis(2-ethylhexyl)phtha...	21.219	149	48192	0.296	ng	99

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

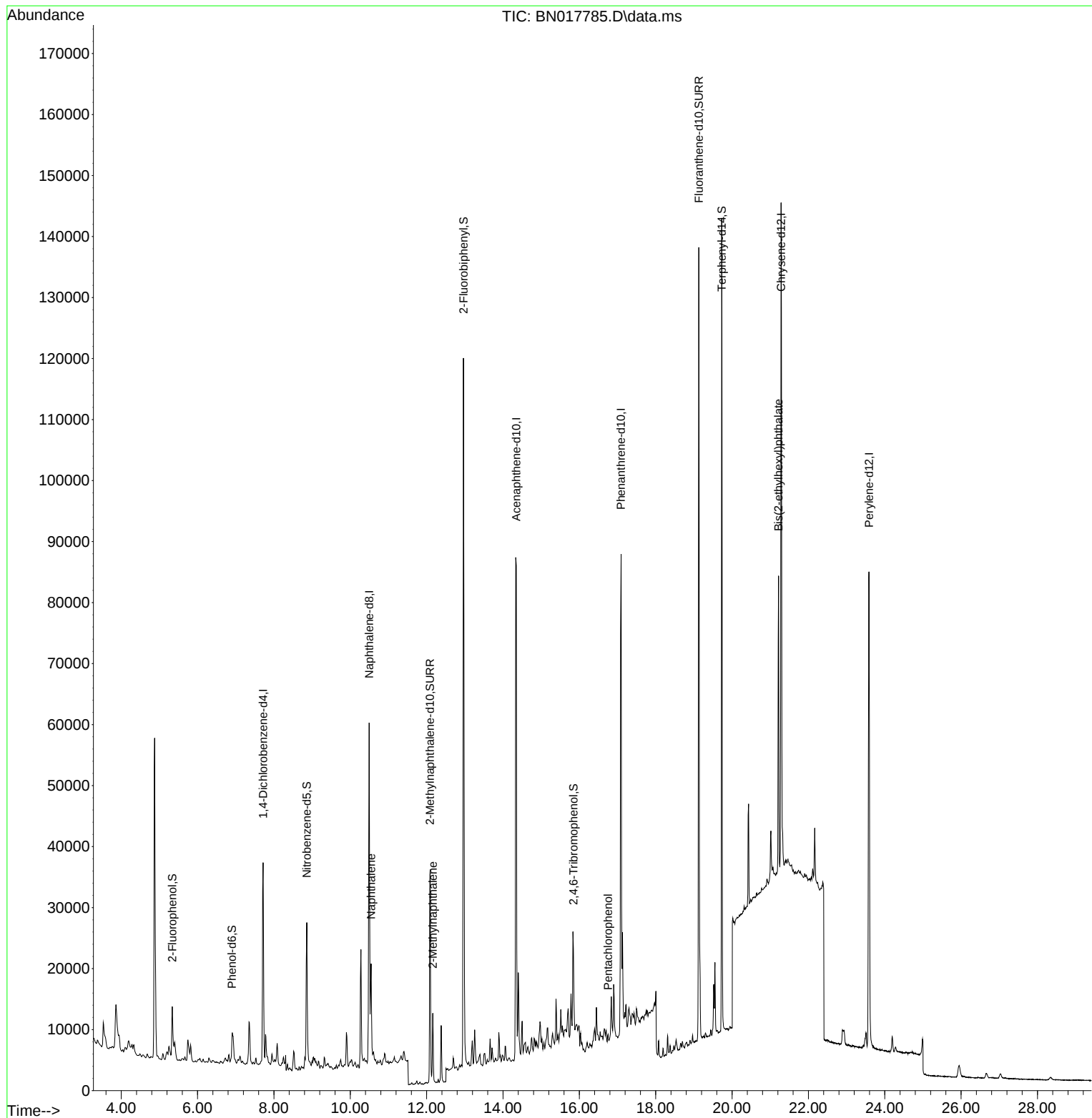
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017785.D
Acq On : 08 Dec 2021 05:34
Operator : CG/JU
Sample : M4918-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

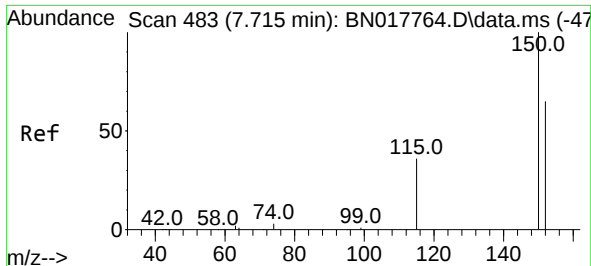
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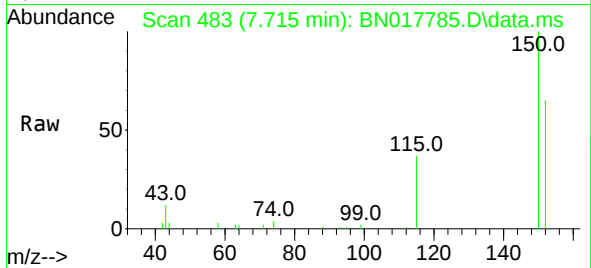
Quant Time: Dec 08 07:35:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

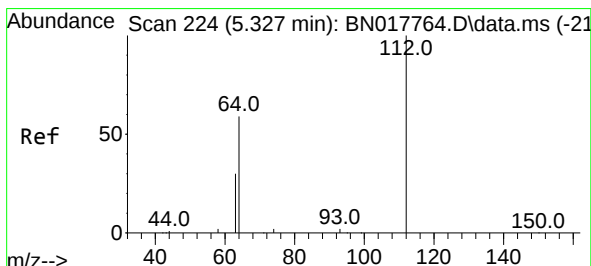
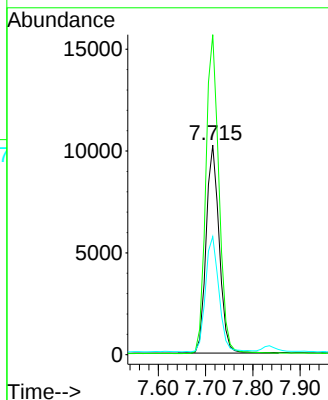
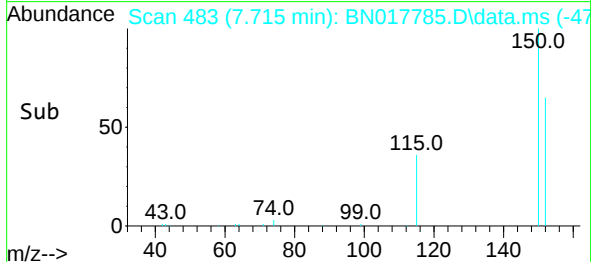
Instrument :
BNA_N
ClientSampleId :
MW-45A



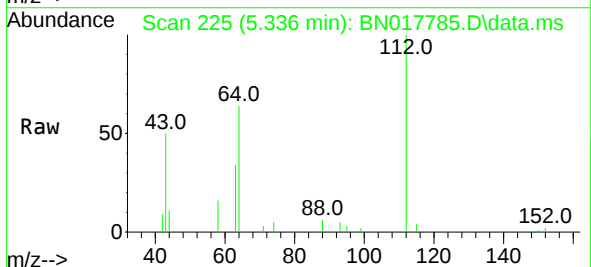
Tgt Ion:152 Resp: 19634
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.4
115 56.3 45.3 67.9

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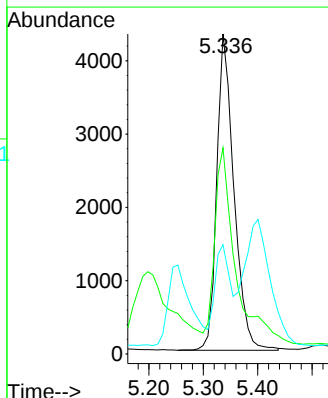
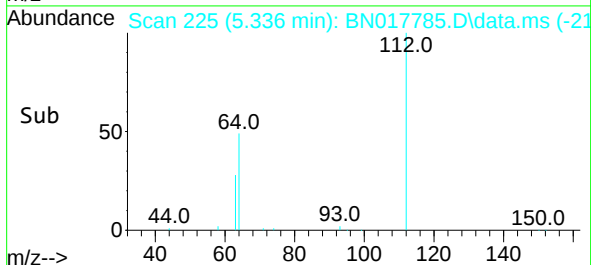
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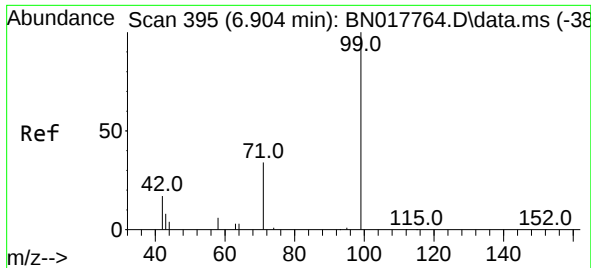


#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34



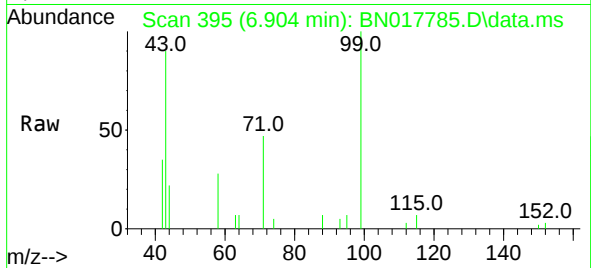
Tgt Ion:112 Resp: 9461
Ion Ratio Lower Upper
112 100
64 63.7 49.3 73.9
63 22.2 25.8 38.8#





#5
Phenol-d6
Concen: 0.111 ng
RT: 6.904 min Scan# 395
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

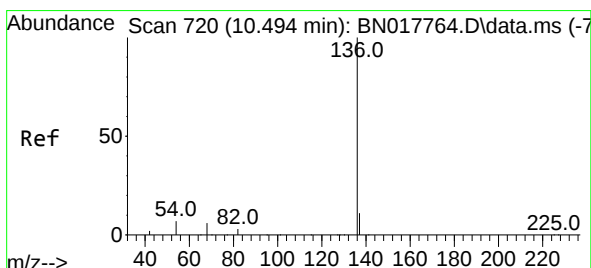
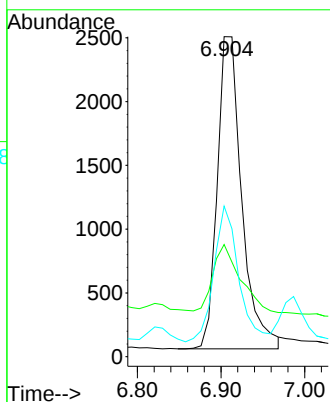
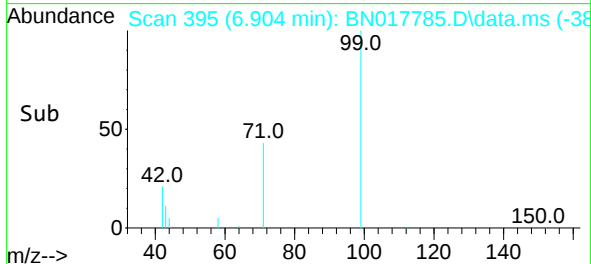
Instrument :
BNA_N
ClientSampleId :
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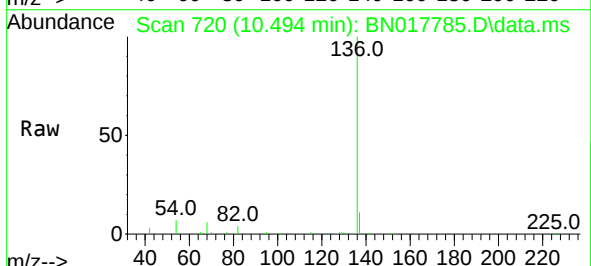
Tgt Ion: 99 Resp: 4988
Ion Ratio Lower Upper
99 100
42 24.4 16.6 25.0
71 43.9 29.0 43.4

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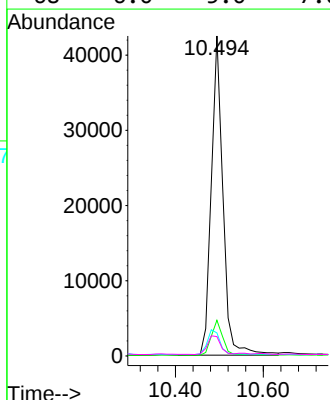
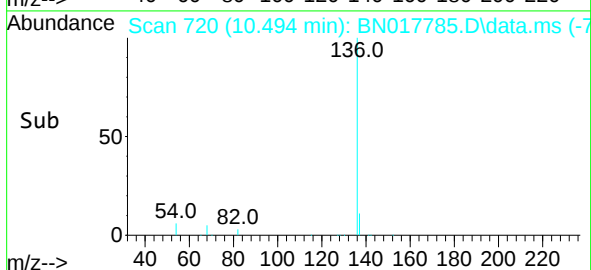
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

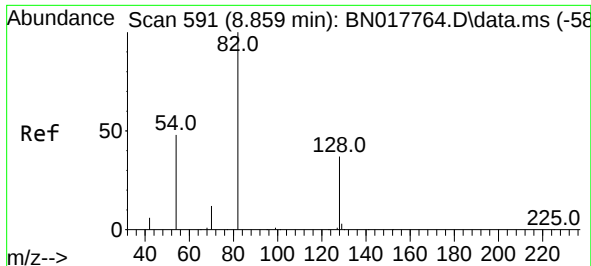


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34



Tgt Ion:136 Resp: 77842
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.2 5.9 8.9
68 6.0 5.0 7.6





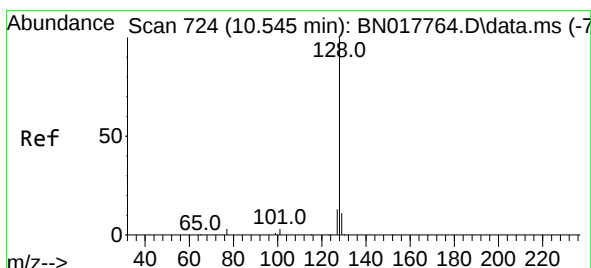
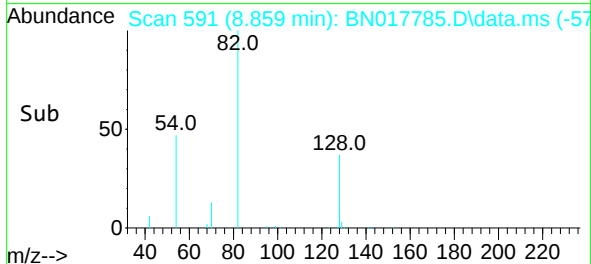
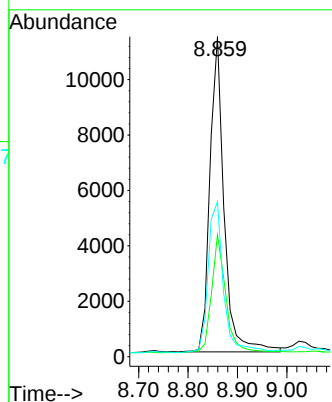
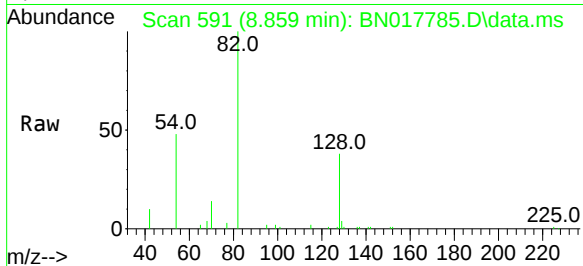
#8
Nitrobenzene-d5
Concen: 0.439 ng
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Instrument :
BNA_N
ClientSampleId :
MW-45A

Tgt Ion: 82 Resp: 22734
Ion Ratio Lower Upper
82 100
128 38.1 30.2 45.2
54 48.4 39.0 58.6

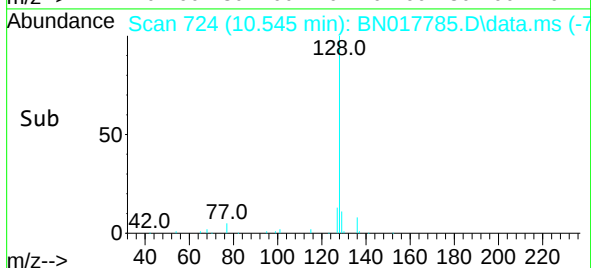
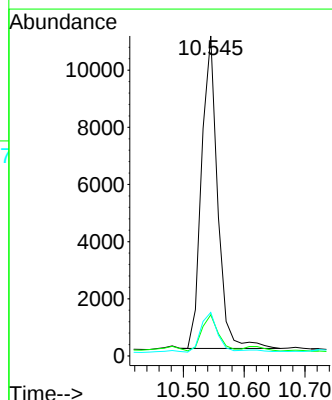
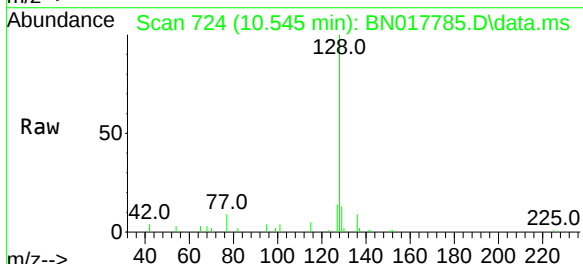
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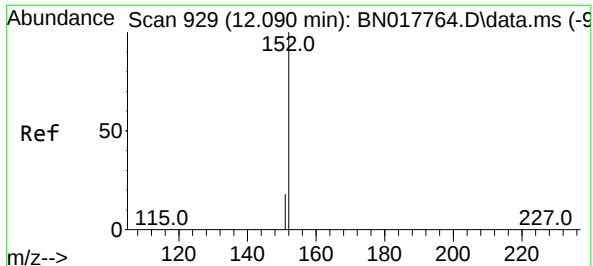
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Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.099 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:128 Resp: 20166
Ion Ratio Lower Upper
128 100
129 12.9 8.8 13.2
127 13.6 10.6 15.8





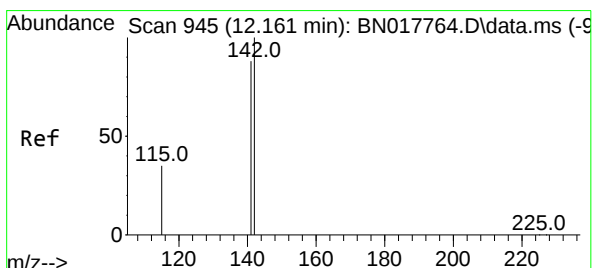
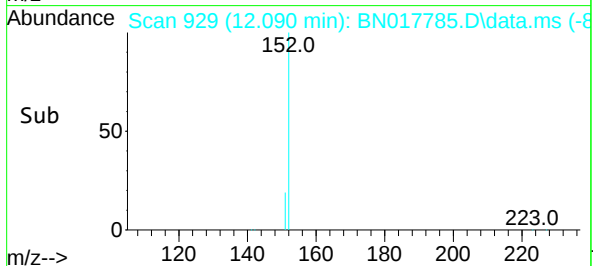
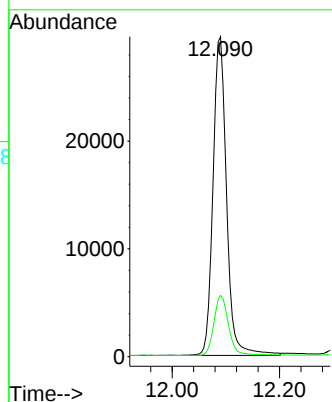
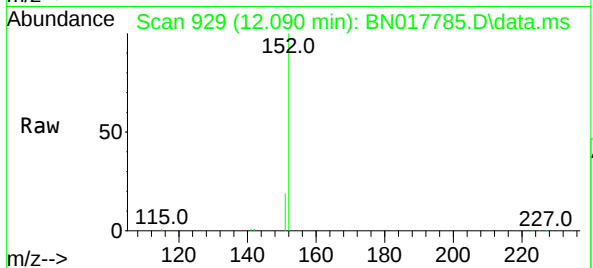
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.090 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Instrument :
BNA_N
ClientSampleId :
MW-45A

Tgt Ion:152 Resp: 51700
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6

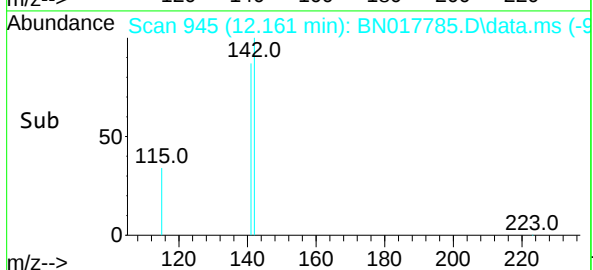
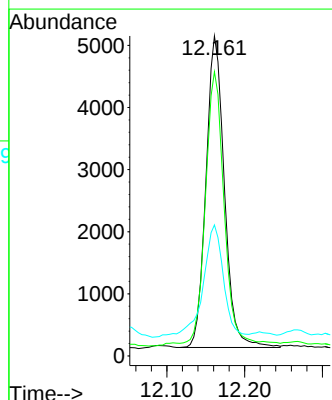
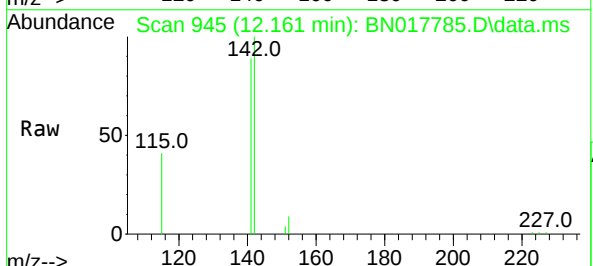
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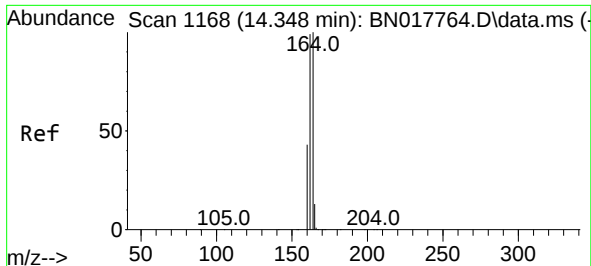
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#12
2-Methylnaphthalene
Concen: 0.056 ng
RT: 12.161 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

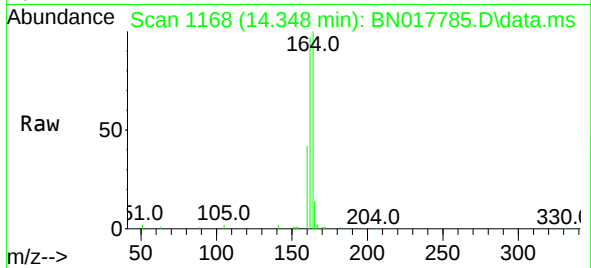
Tgt Ion:142 Resp: 8257
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7
115 41.0 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.348 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

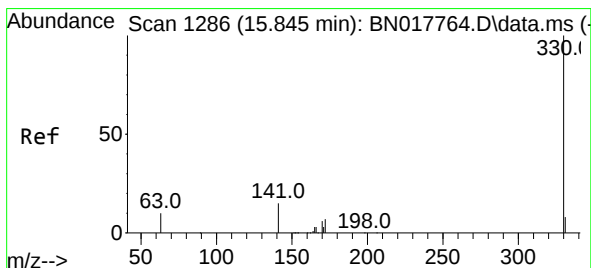
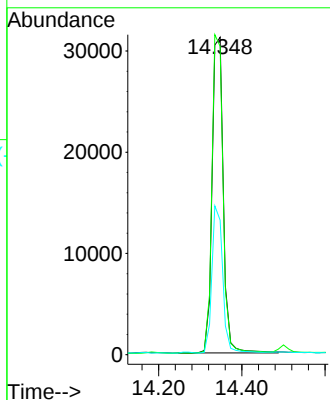
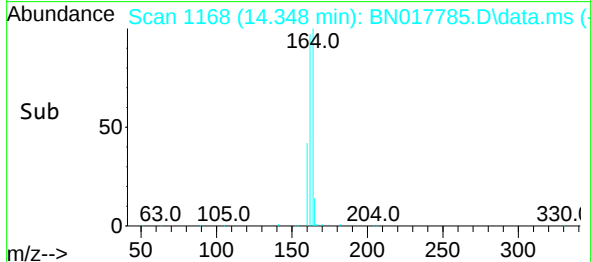
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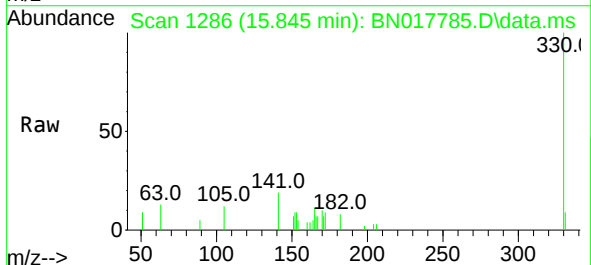
Tgt Ion:164 Resp: 58294
Ion Ratio Lower Upper
164 100
162 97.1 79.0 118.6
160 42.4 34.6 52.0

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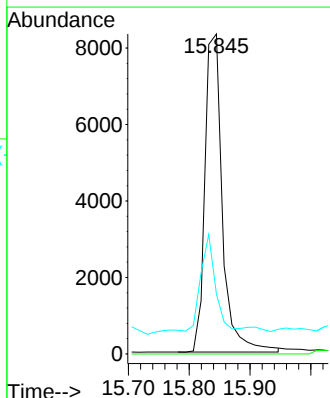
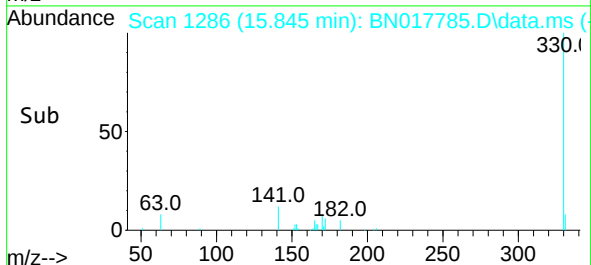
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Supervised By :mohammad ahmed 12/15/2021

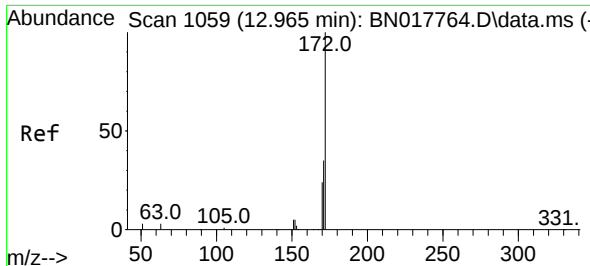


#14
2,4,6-Tribromophenol
Concen: 0.548 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34



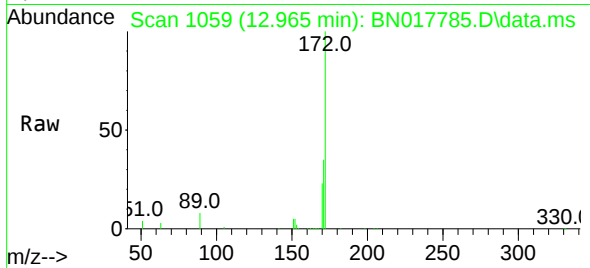
Tgt Ion:330 Resp: 16686
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 24.8 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.491 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

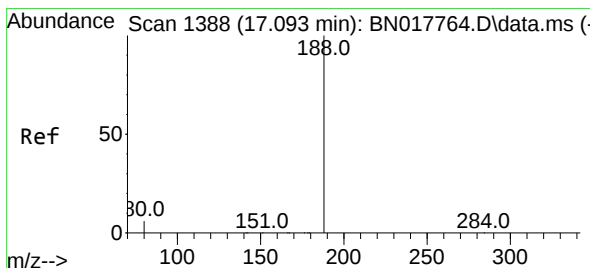
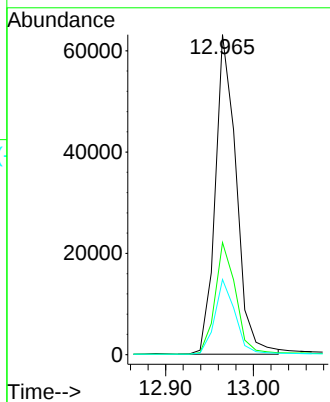
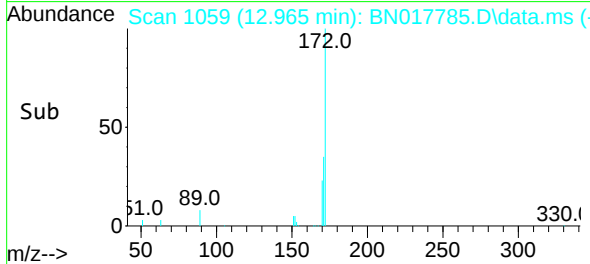
Instrument :
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Tgt Ion:172 Resp: 104902
Ion Ratio Lower Upper
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171 35.1 28.1 42.1
170 23.5 18.9 28.3

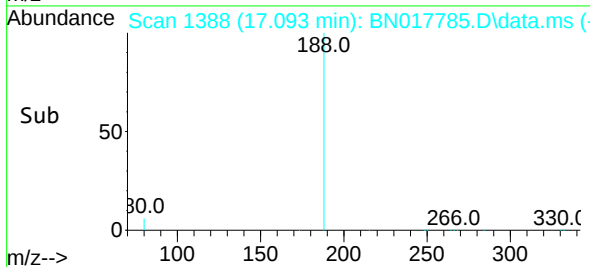
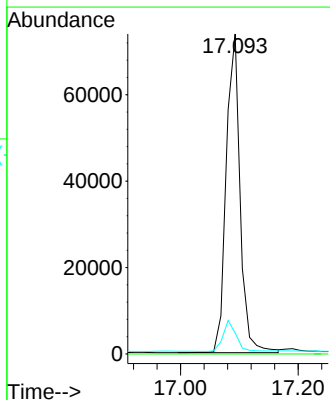
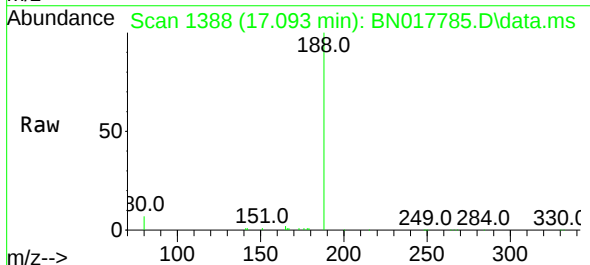
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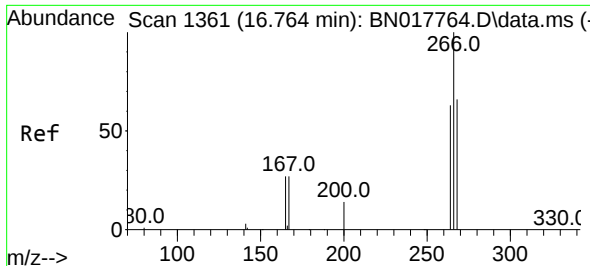
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

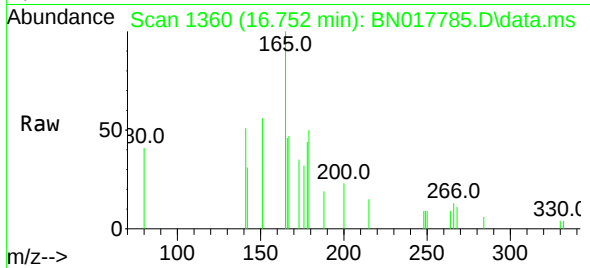
Tgt Ion:188 Resp: 121313
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.1 7.7





#24
Pentachlorophenol
Concen: 0.285 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

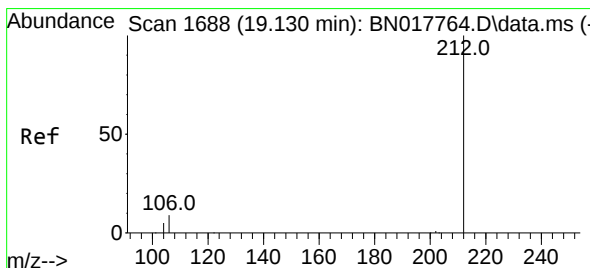
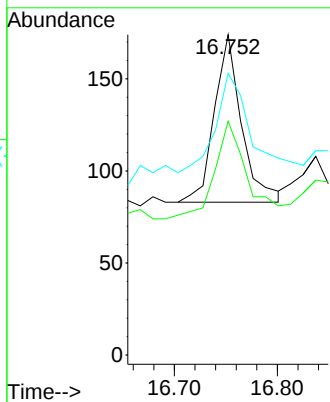
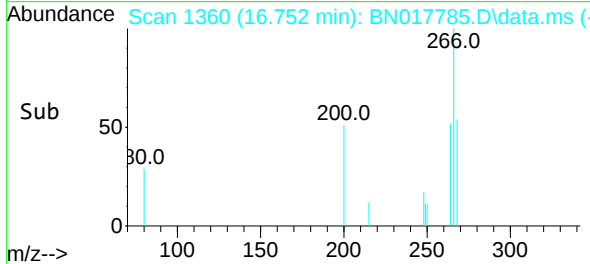
Instrument :
BNA_N
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MW-45A



Tgt Ion:266 Resp: 165838
Ion Ratio Lower Upper
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264 68.9 50.8 76.2
268 76.6 51.8 77.6

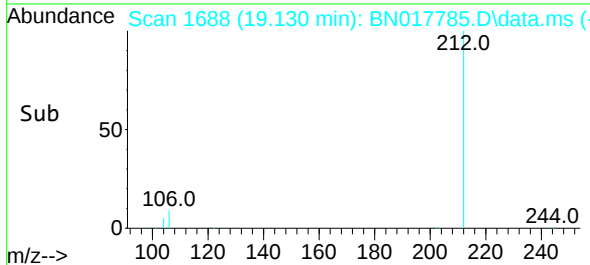
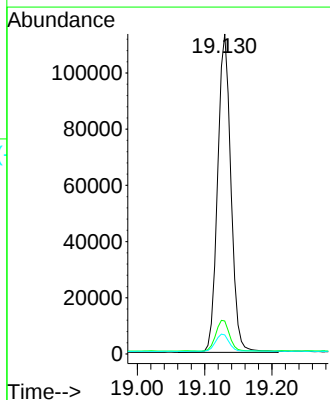
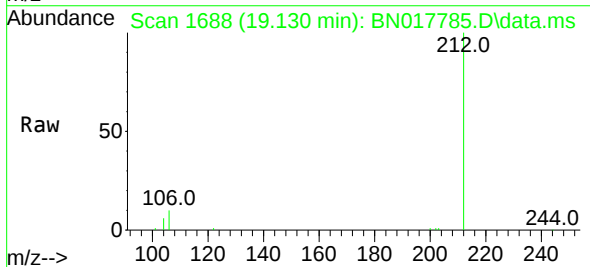
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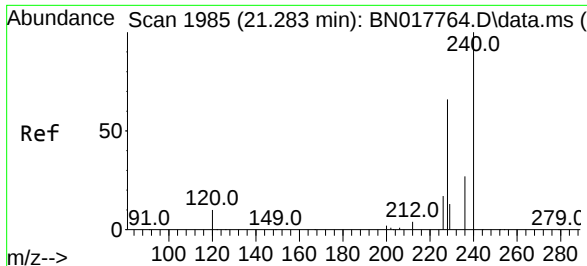
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.130 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:212 Resp: 155838
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.6 4.6 6.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.283 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BN017785.D

Acq: 08 Dec 2021 05:34

Instrument :

BNA_N

ClientSampleId :

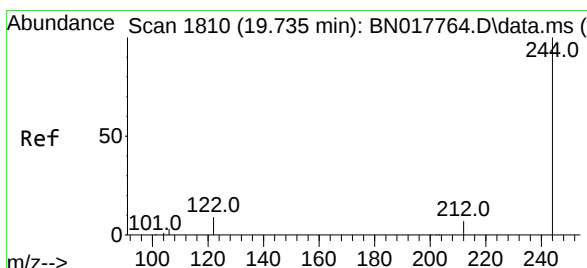
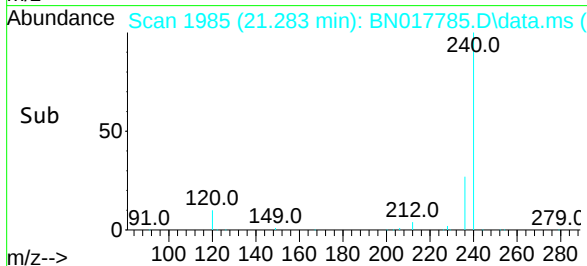
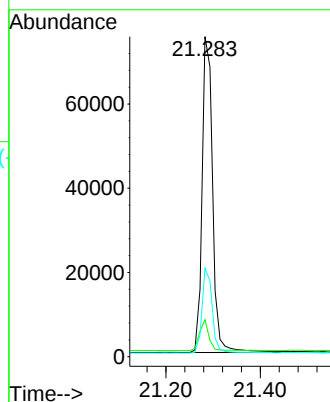
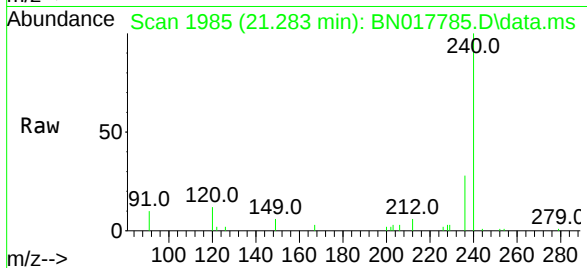
MW-45A

Tgt Ion:240 Resp: 116550
 Ion Ratio Lower Upper
 240 100
 120 11.5 7.9 11.9
 236 27.7 21.4 32.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021



#31

Terphenyl-d14

Concen: 0.545 ng

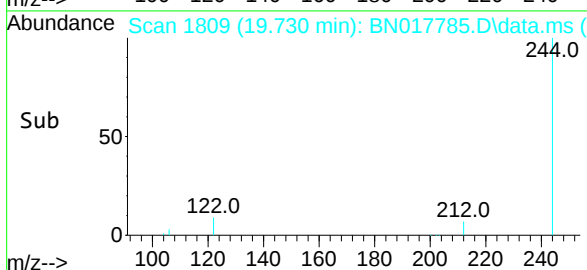
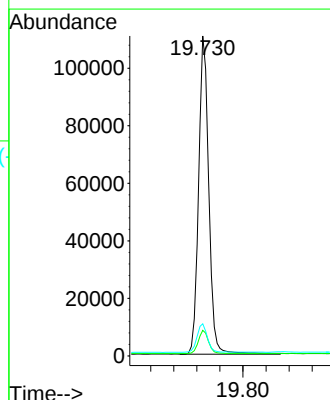
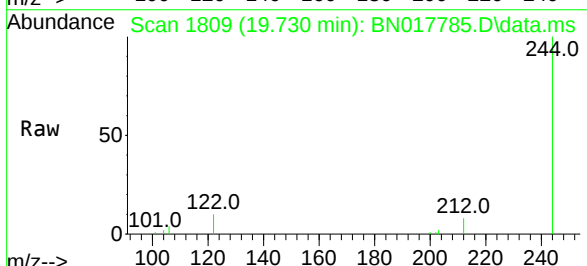
RT: 19.730 min Scan# 1809

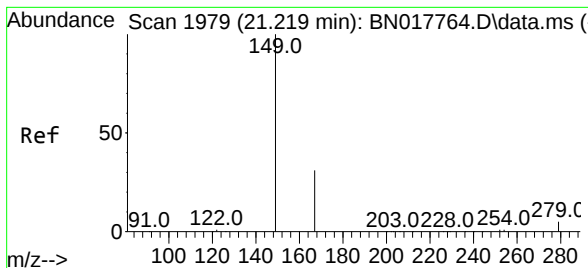
Delta R.T. -0.005 min

Lab File: BN017785.D

Acq: 08 Dec 2021 05:34

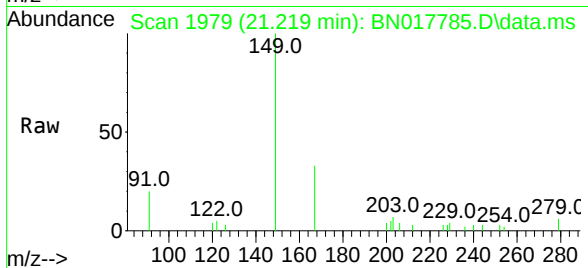
Tgt Ion:244 Resp: 136310
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 10.1 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.219 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

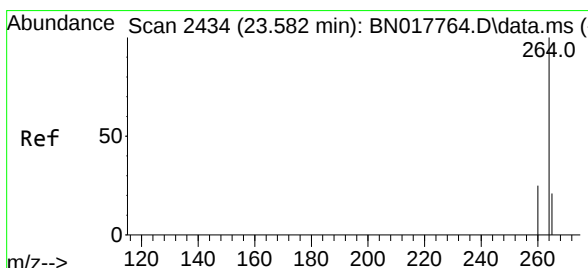
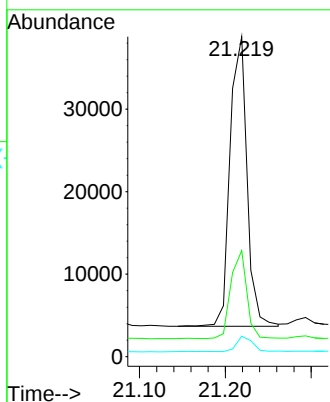
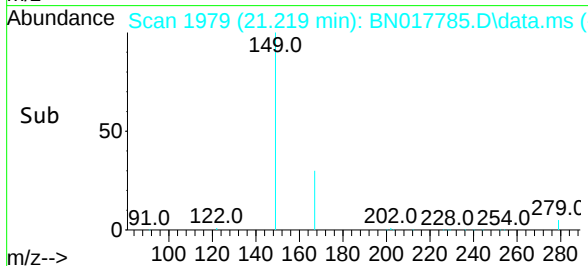
Instrument :
BNA_N
ClientSampleId :
MW-45A



Tgt Ion:149 Resp: 48192
Ion Ratio Lower Upper
149 100
167 28.7 23.5 35.3
279 5.0 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BN017785.D
Acq: 08 Dec 2021 05:34

Tgt Ion:264 Resp: 109566
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 25.6 20.5 30.7

