

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017714.D
 Acq On : 04 Dec 2021 06:31
 Operator : CG/JU
 Sample : M4917-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-24

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 06 02:13:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	18608	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	75580	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	50945	0.40	ng	# 0.00
19) Phenanthrene-d10	17.116	188	103860	0.40	ng	0.00
29) Chrysene-d12	21.303	240	107240	0.40	ng	# 0.00
35) Perylene-d12	23.609	264	102503	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	6888	0.16	ng	0.02
5) Phenol-d6	6.934	99	4025	0.09	ng	0.00
8) Nitrobenzene-d5	8.900	82	17283m	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	39413	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	12905	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	70477	0.36	ng	0.00
27) Fluoranthene-d10	19.149	212	125188	0.37	ng	0.00
31) Terphenyl-d14	19.749	244	112665	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	413	0.03	ng	# 1
9) Naphthalene	10.586	128	55426	0.29	ng	# 1
12) 2-Methylnaphthalene	12.195	142	4614	0.04	ng	# 57
17) Acenaphthene	14.435	154	13686	0.10	ng	97
18) Fluorene	15.425	166	8193m	0.05	ng	
24) Pentachlorophenol	16.776	266	554	0.30	ng	97
25) Phenanthrene	17.153	178	18543m	0.07	ng	
28) Fluoranthene	19.179	202	7720	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.229	149	16104	0.16	ng	# 95

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

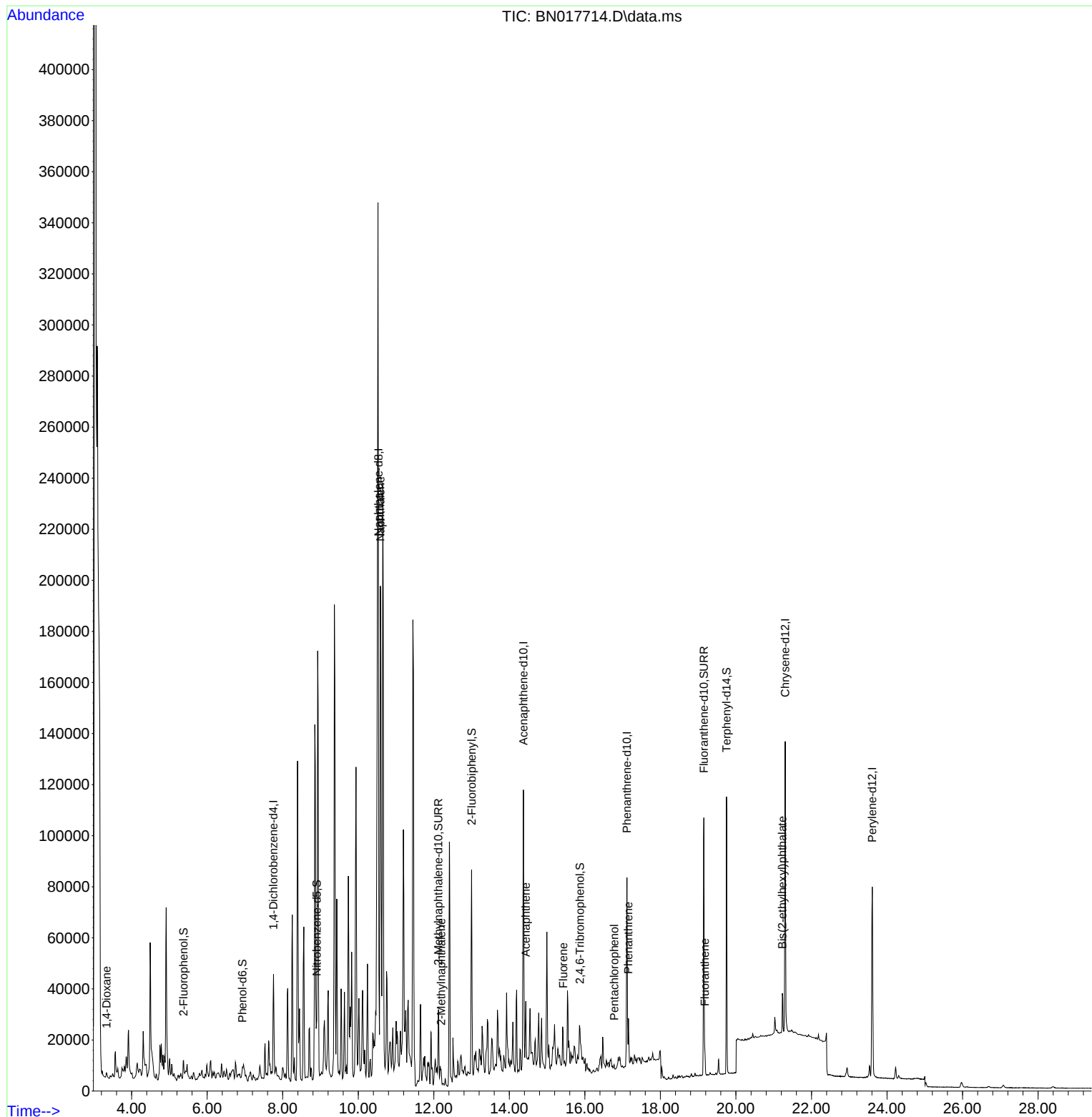
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017714.D
Acq On : 04 Dec 2021 06:31
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

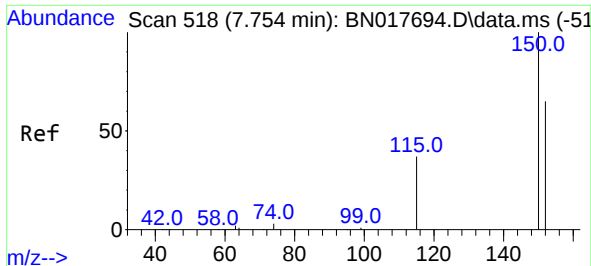
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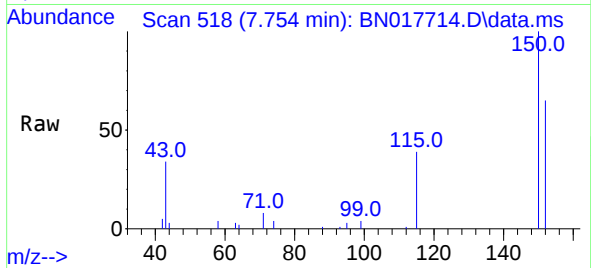
Quant Time: Dec 06 02:13:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.754 min Scan# 518
 Delta R.T. 0.000 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

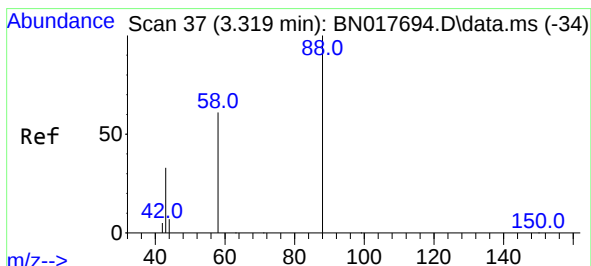
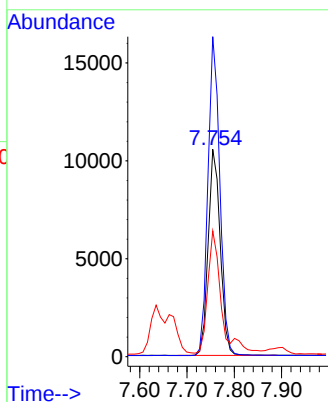
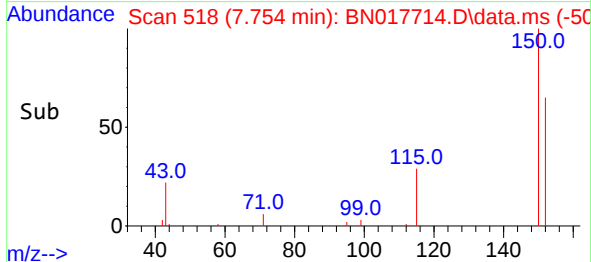
Instrument :
 BNA_N
 ClientSampleId :
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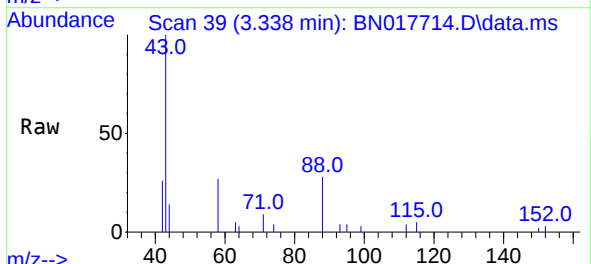
Tgt Ion: 152 Resp: 18608
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.4
 115 60.7 45.6 68.4

Manual Integrations
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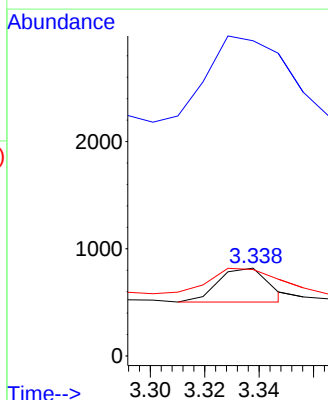
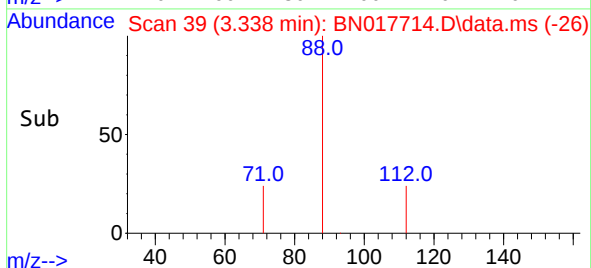
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

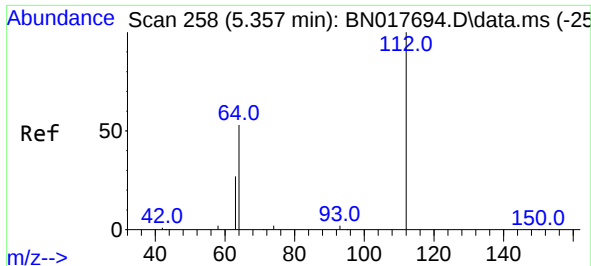


#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.338 min Scan# 39
 Delta R.T. 0.019 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31



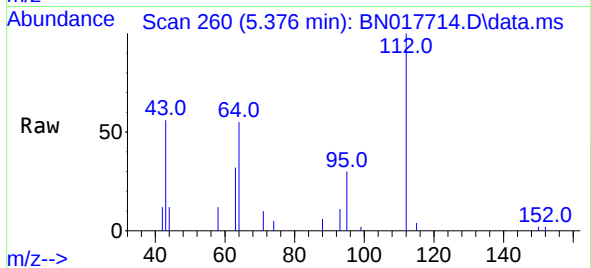
Tgt Ion: 88 Resp: 413
 Ion Ratio Lower Upper
 88 100
 43 354.2 24.7 37.1#
 58 92.5 63.0 94.6





#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.376 min Scan# 211
Delta R.T. 0.019 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

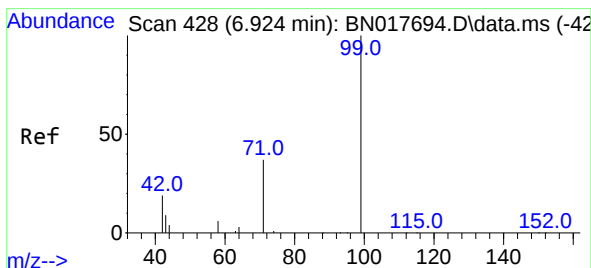
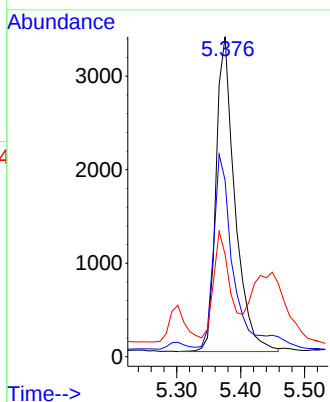
Instrument :
BNA_N
ClientSampleId :
MW-24



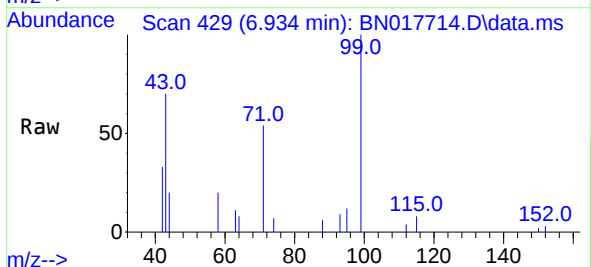
Tgt Ion: 112 Resp: 688
Ion Ratio Lower Upper
112 100
64 62.7 47.6 71.4
63 29.7 24.6 37.0

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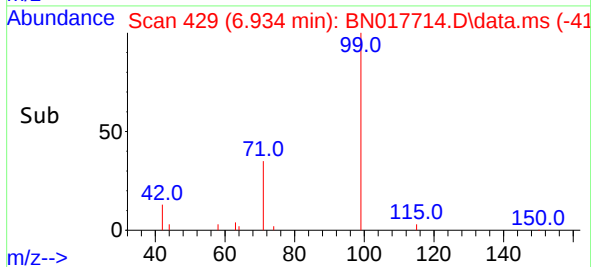
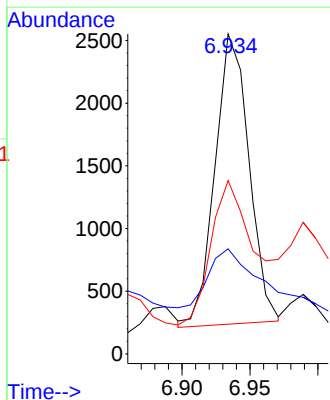
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

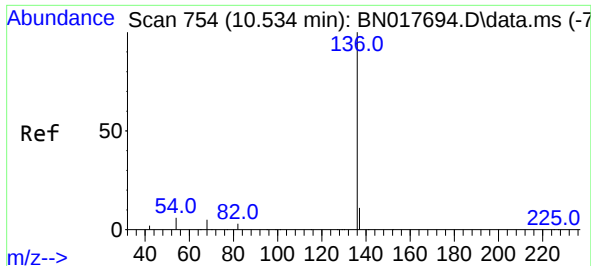


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.934 min Scan# 429
Delta R.T. 0.010 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31



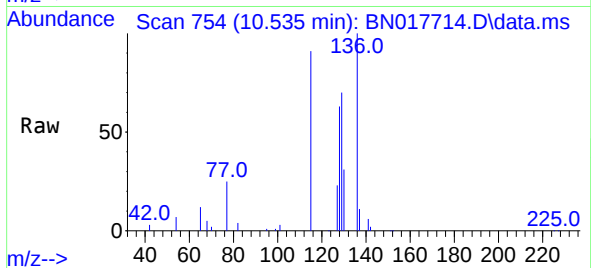
Tgt Ion: 99 Resp: 4025
Ion Ratio Lower Upper
99 100
42 29.8 17.0 25.6#
71 60.2 24.8 37.2#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

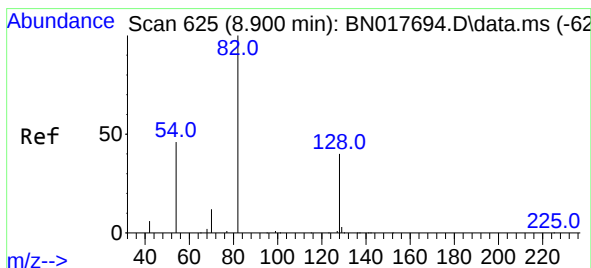
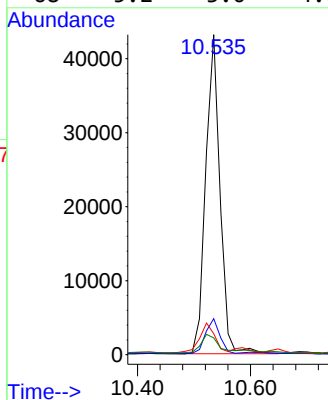
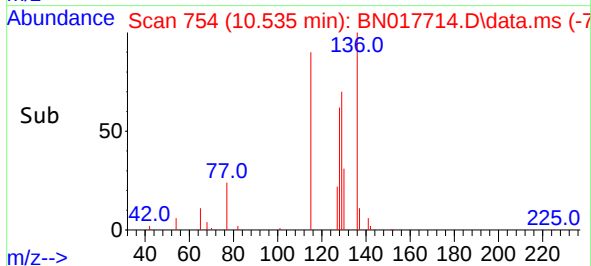
Instrument :
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MW-24



Tgt Ion: 136 Resp: 75580
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 4.0 6.0
68 5.2 3.0 4.6#

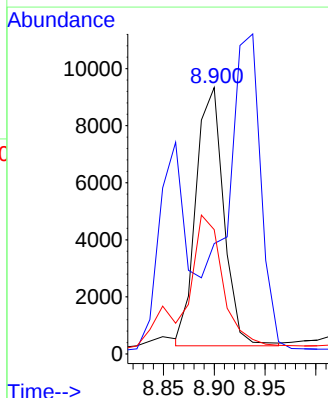
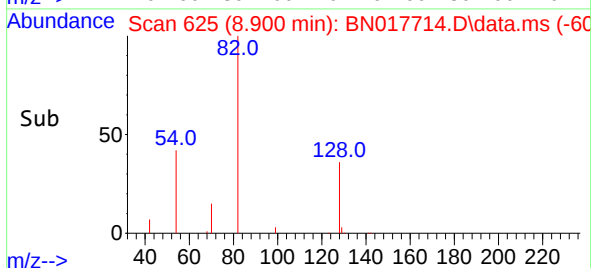
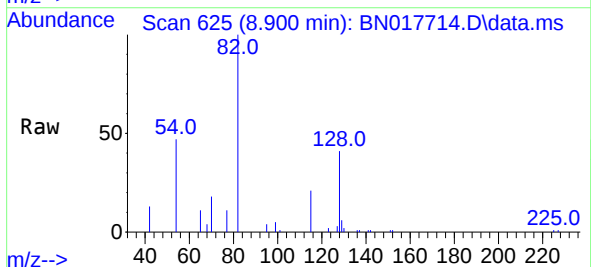
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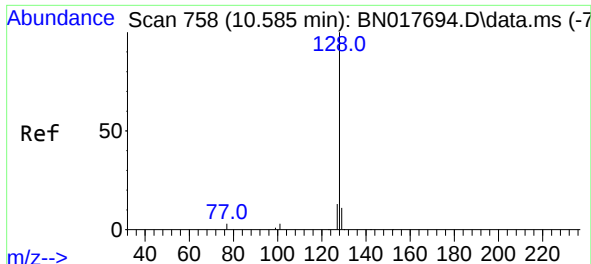
Reviewed By :Jagrut Upadhyay 12/06/2021
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#8
Nitrobenzene-d5
Concen: 0.47 ng m
RT: 8.900 min Scan# 625
Delta R.T. -0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

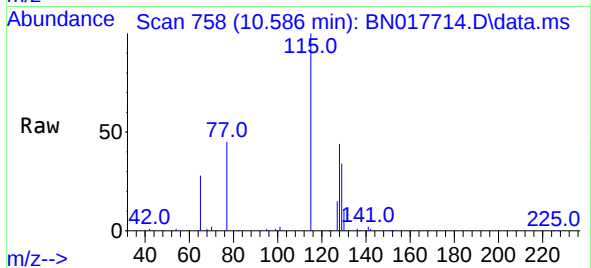
Tgt Ion: 82 Resp: 17283
Ion Ratio Lower Upper
82 100
128 41.4 27.7 41.5
54 46.6 49.2 73.8#





#9
Naphthalene
Concen: 0.29 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

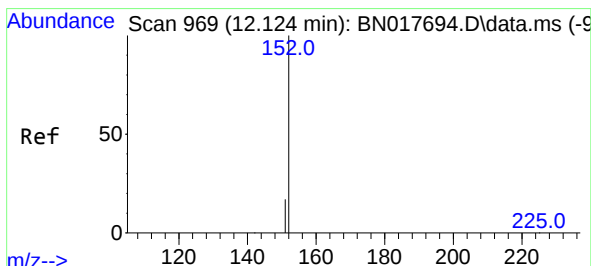
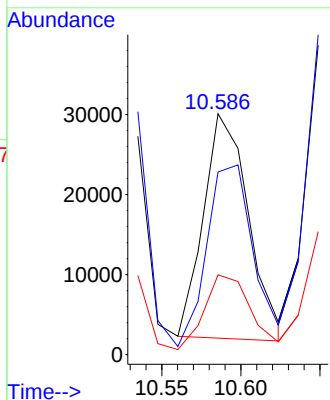
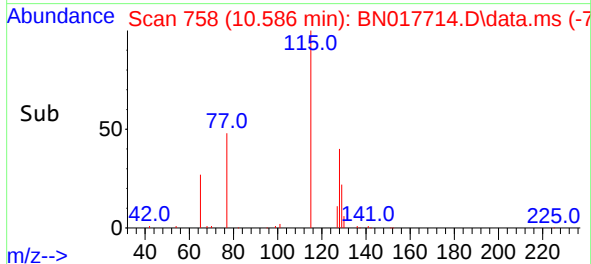
Instrument :
BNA_N
ClientSampleId :
MW-24



Tgt Ion:128 Resp: 55420
Ion Ratio Lower Upper
128 100
129 75.9 8.8 13.2
127 33.2 10.6 15.8

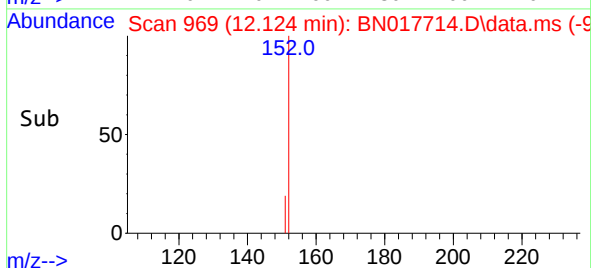
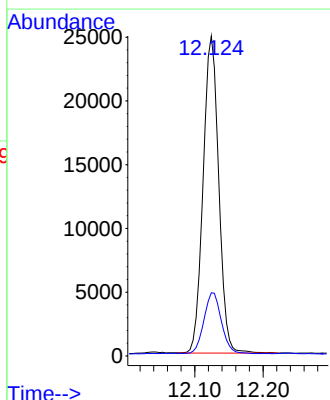
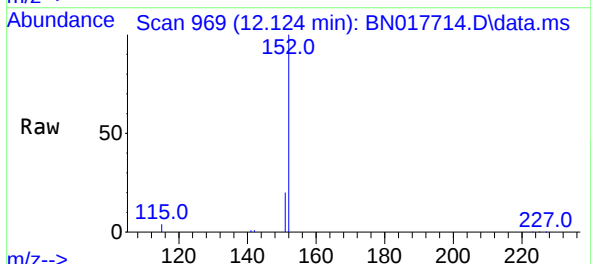
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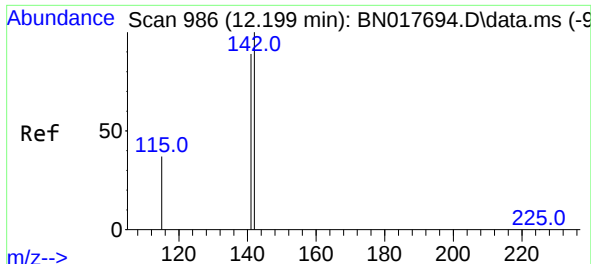
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

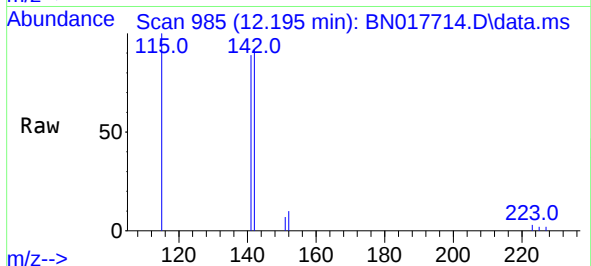
Tgt Ion:152 Resp: 39413
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.4





#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.195 min Scan# 986
Delta R.T. -0.004 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

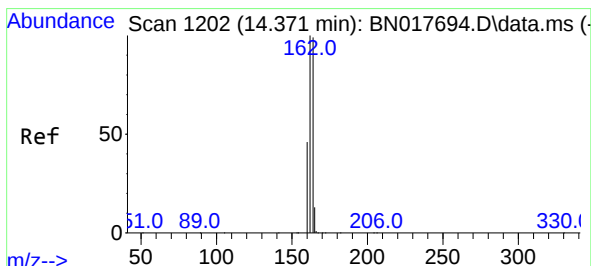
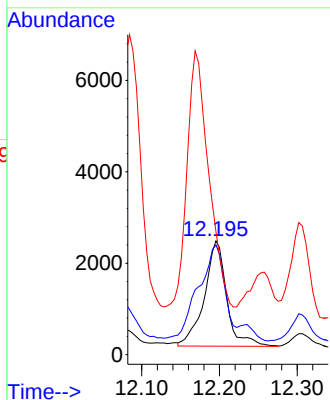
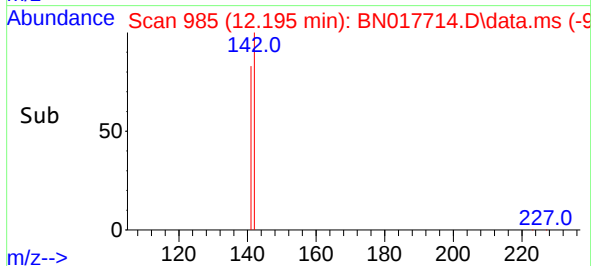
Instrument :
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MW-24



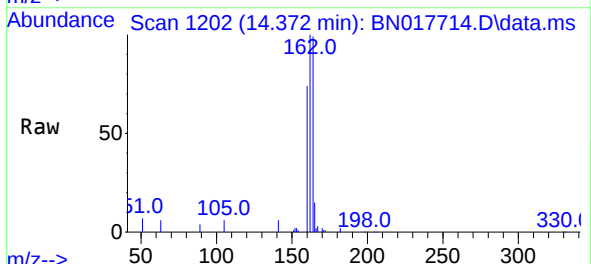
Tgt Ion:142 Resp: 4614
Ion Ratio Lower Upper
142 100
141 96.5 70.6 106.0
115 108.2 25.8 38.6

Manual Integrations
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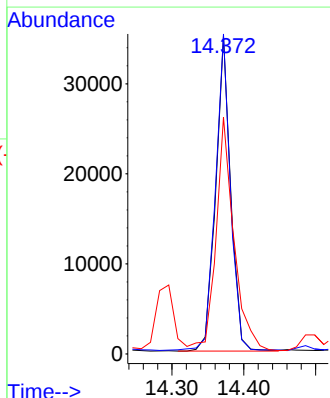
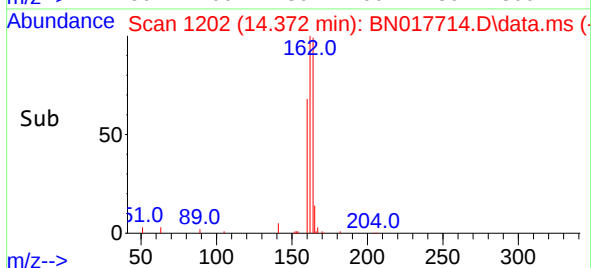
Reviewed By :Jagrut Upadhyay 12/06/2021
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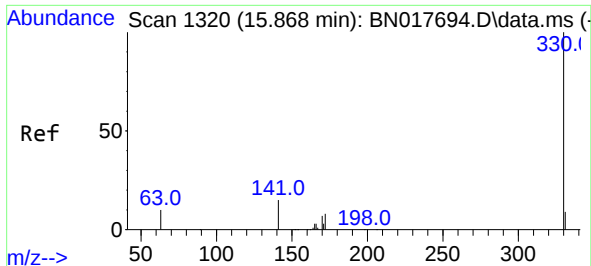


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31



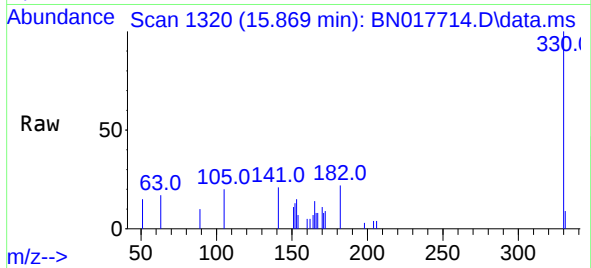
Tgt Ion:164 Resp: 50945
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.2
160 74.5 36.8 55.2





#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

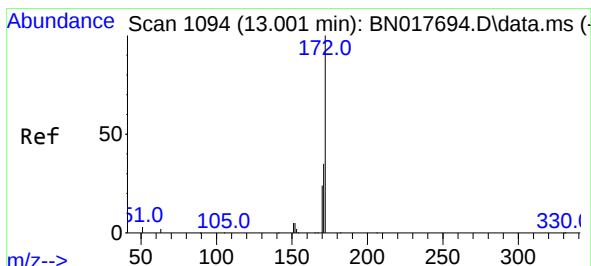
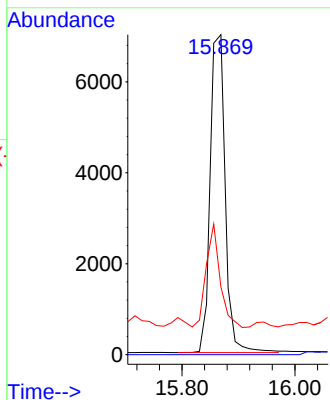
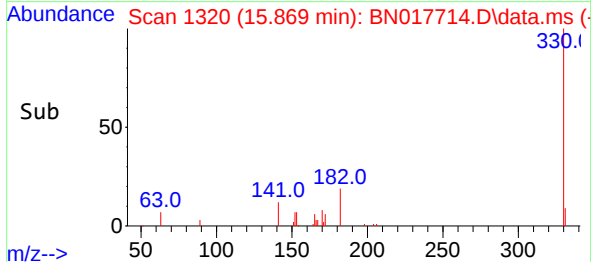
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MW-24



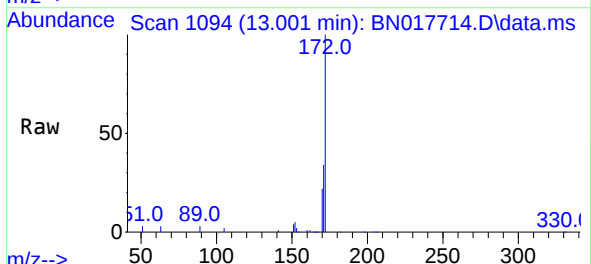
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Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.2 28.9 43.3

Manual Integrations
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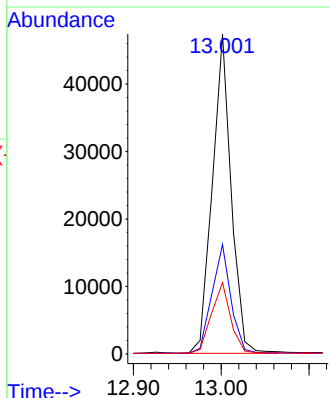
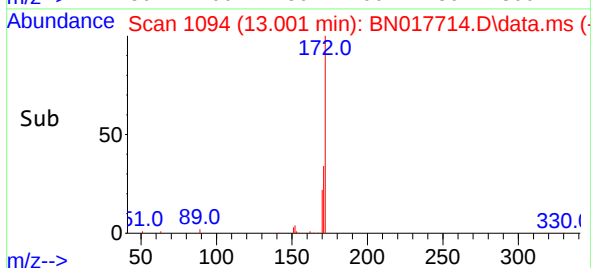
Reviewed By : Jagrut Upadhyay 12/06/2021
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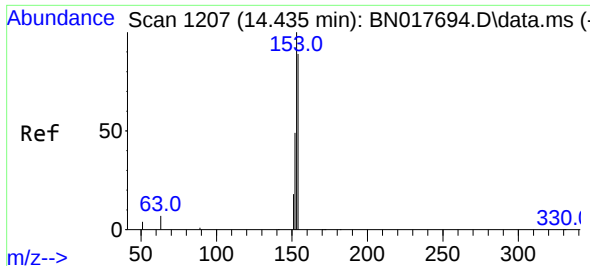


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31



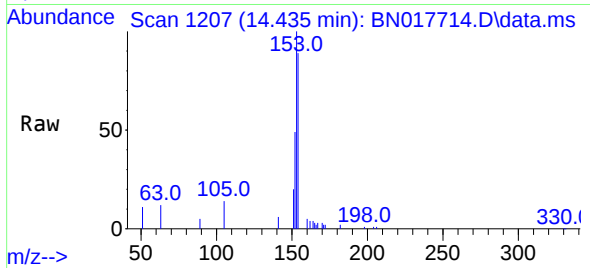
Tgt Ion: 172 Resp: 70477
Ion Ratio Lower Upper
172 100
171 34.2 28.7 43.1
170 22.3 19.4 29.2





#17
Acenaphthene
Concen: 0.10 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

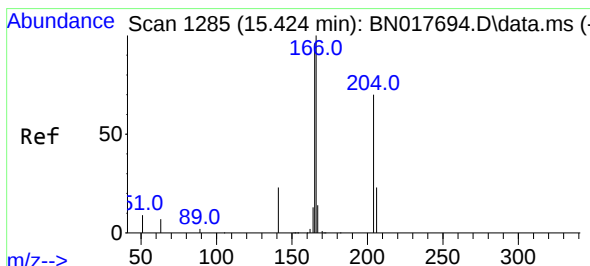
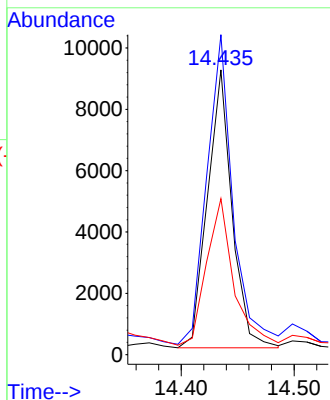
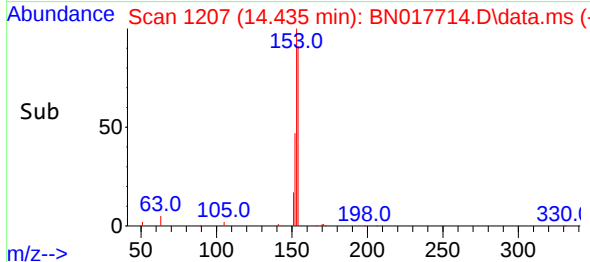
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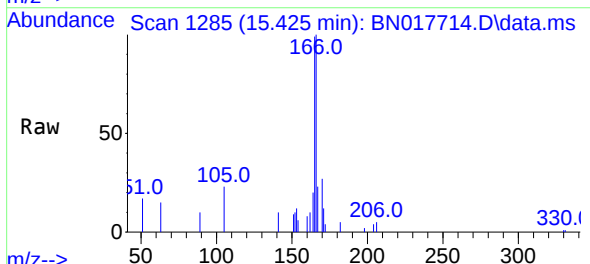
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Ion Ratio Lower Upper
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153 117.2 91.2 136.8
152 58.0 44.3 66.5

Manual Integrations
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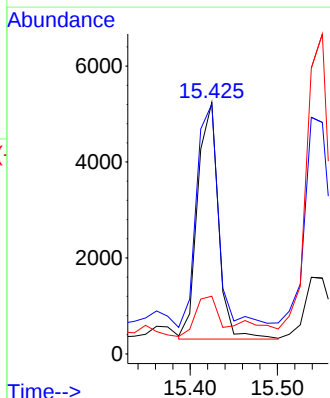
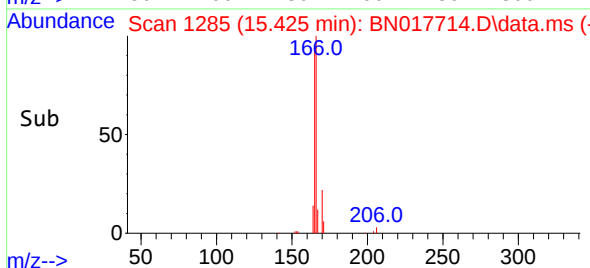
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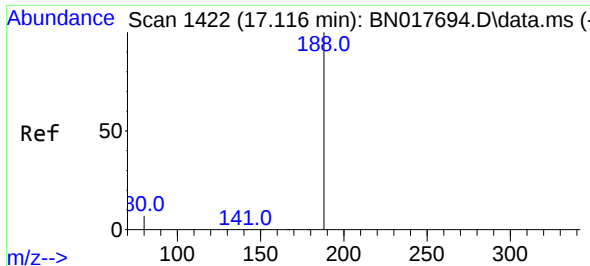


#18
Fluorene
Concen: 0.05 ng m
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31



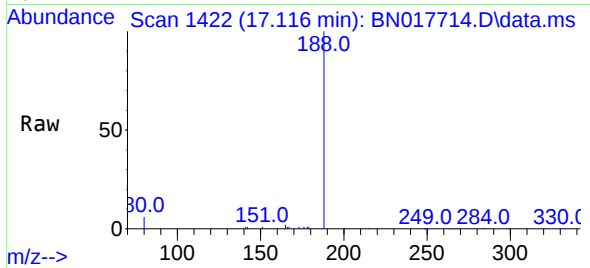
Tgt Ion:166 Resp: 8193
Ion Ratio Lower Upper
166 100
165 100.3 77.9 116.9
167 20.3 10.9 16.3#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

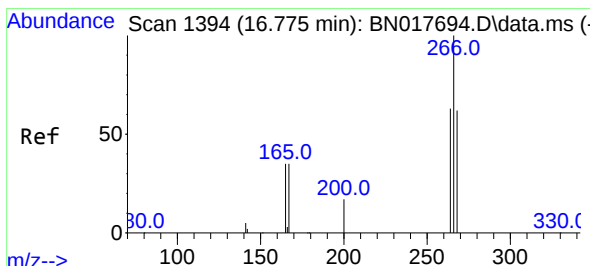
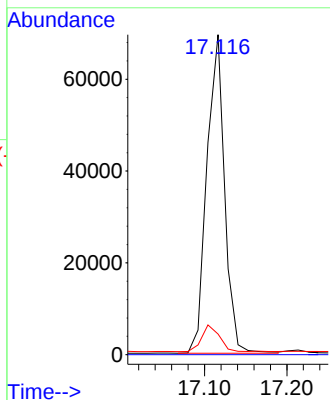
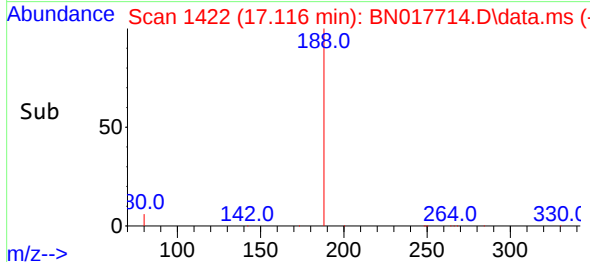
Instrument :
BNA_N
ClientSampleId :
MW-24



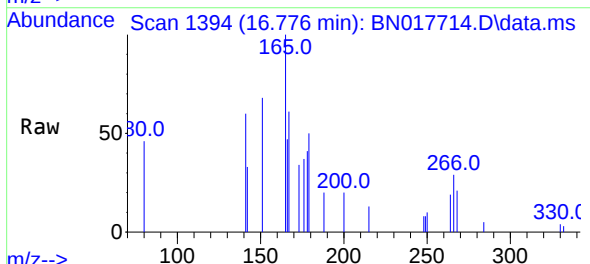
Tgt Ion:188 Resp: 103860
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 6.1 9.1

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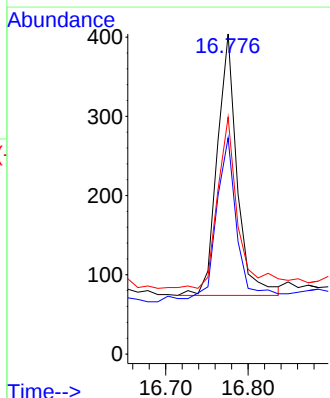
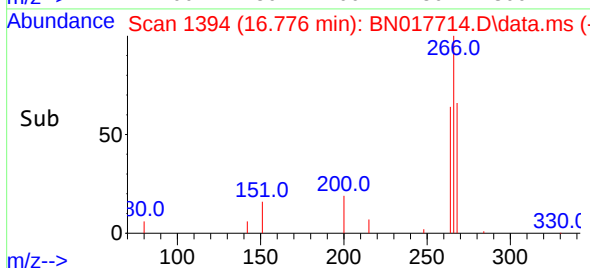
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

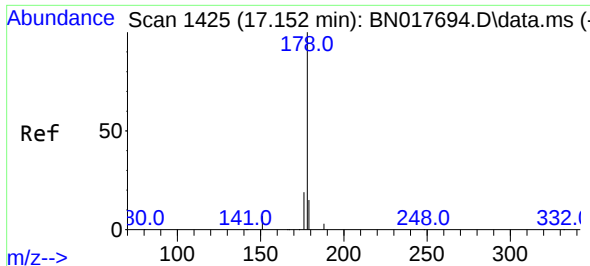


#24
Pentachlorophenol
Concen: 0.30 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31



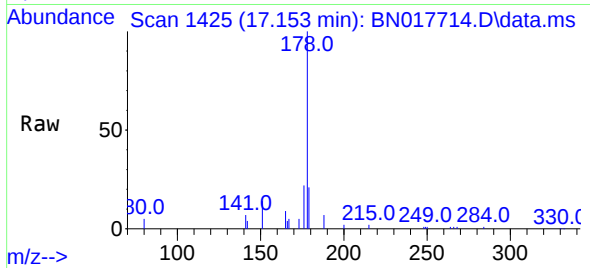
Tgt Ion:266 Resp: 554
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.8
268 68.6 51.3 76.9





#25
Phenanthrene
Concen: 0.07 ng m
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

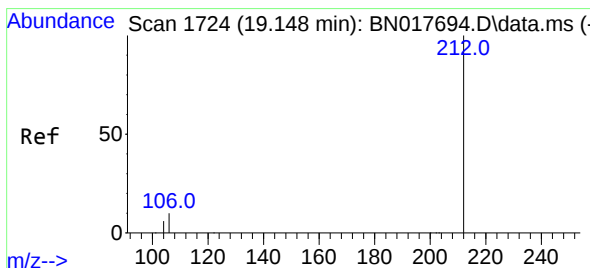
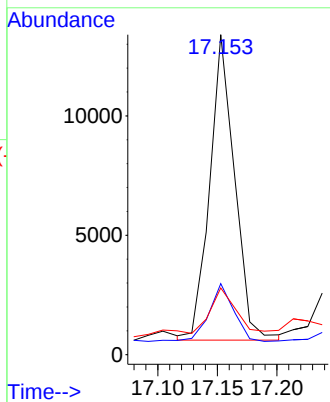
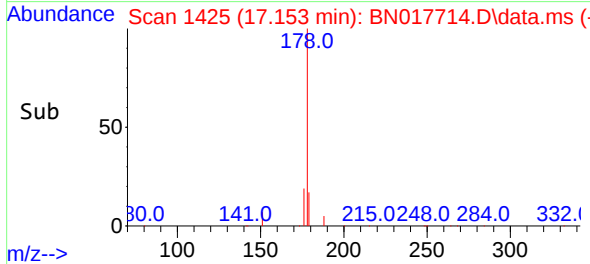
Instrument :
BNA_N
ClientSampleId :
MW-24



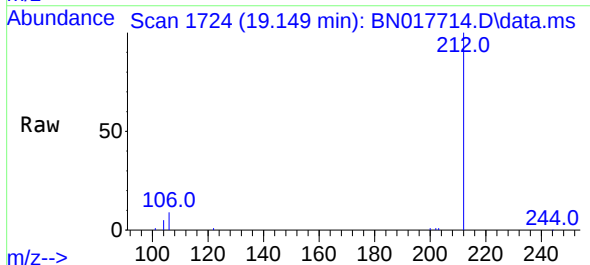
Tgt Ion:178 Resp: 1854
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 23.5 12.3 18.5

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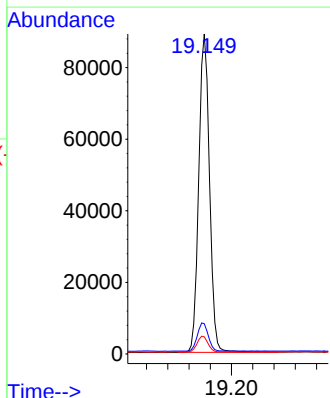
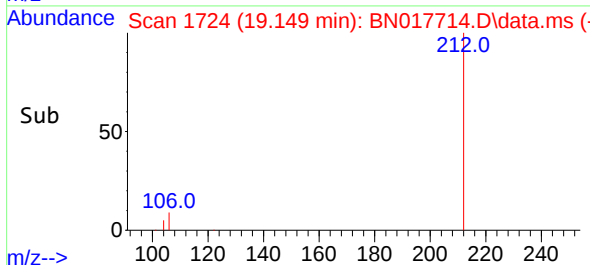
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

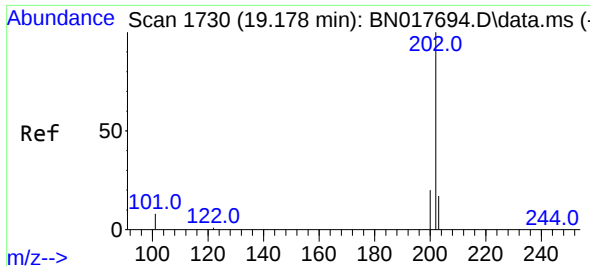


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31



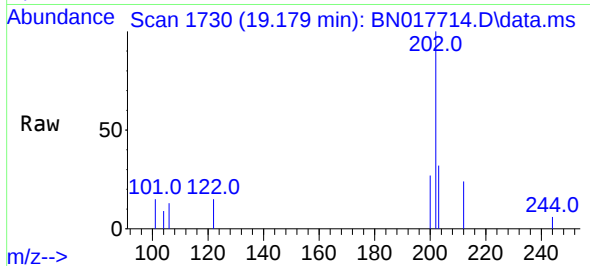
Tgt Ion:212 Resp: 125188
Ion Ratio Lower Upper
212 100
106 8.9 10.5 15.7#
104 5.1 5.8 8.6#





#28
Fluoranthene
Concen: 0.02 ng
RT: 19.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

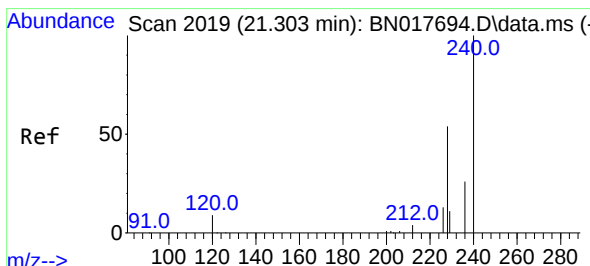
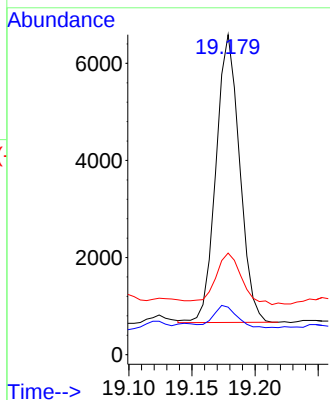
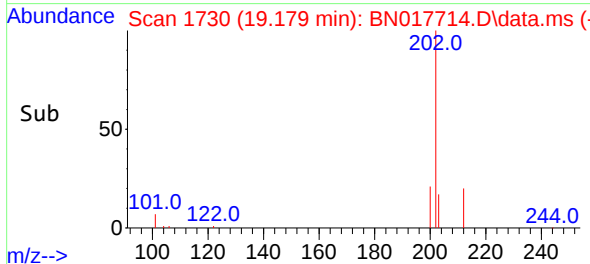
Instrument :
BNA_N
ClientSampleId :
MW-24



Tgt Ion:202 Resp: 7720
Ion Ratio Lower Upper
202 100
101 7.5 8.9 13.3
203 18.9 13.8 20.6

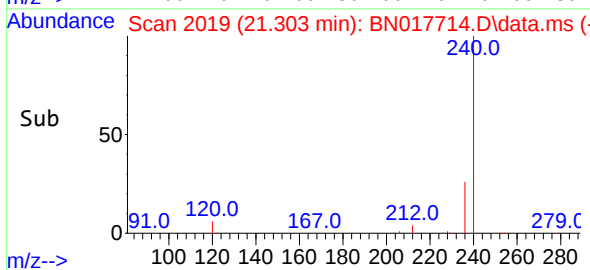
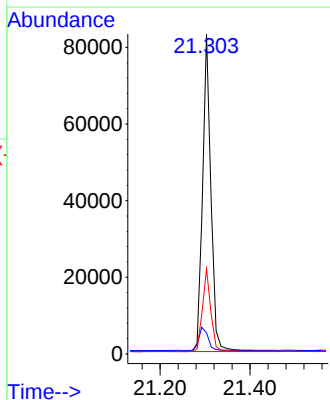
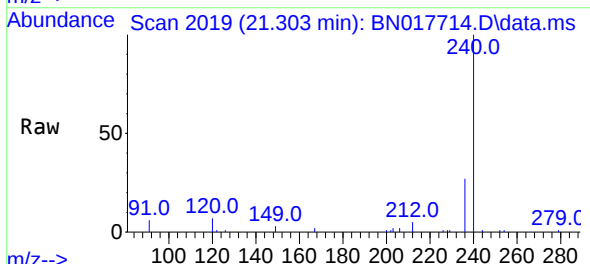
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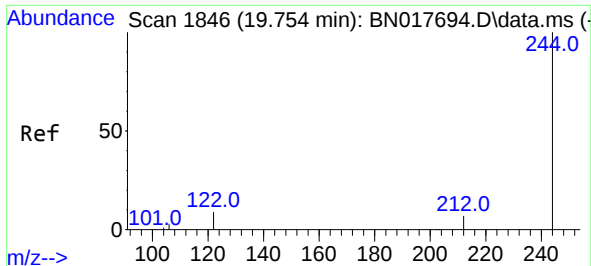
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

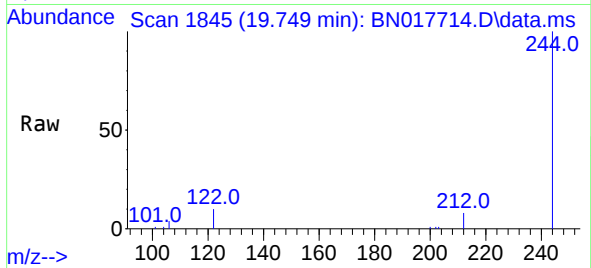
Tgt Ion:240 Resp: 107240
Ion Ratio Lower Upper
240 100
120 6.6 4.2 6.2
236 26.6 20.0 30.0





#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.749 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

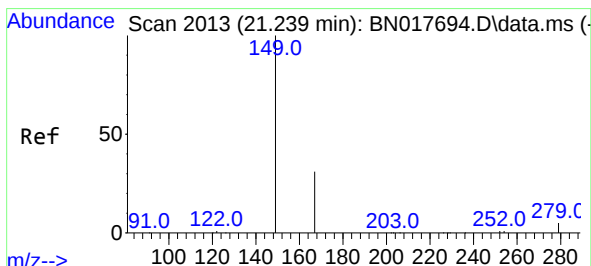
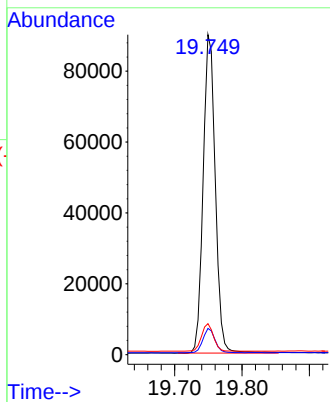
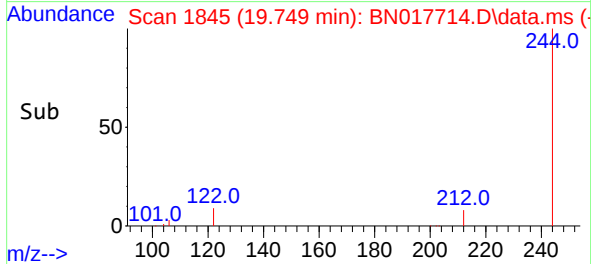
Instrument :
BNA_N
ClientSampleId :
MW-24



Tgt Ion:244 Resp: 11266
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 9.7 8.6 13.0

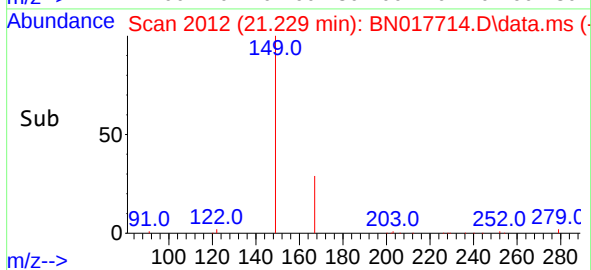
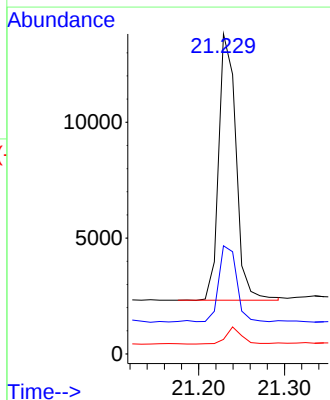
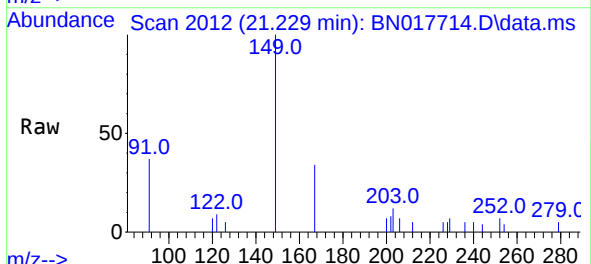
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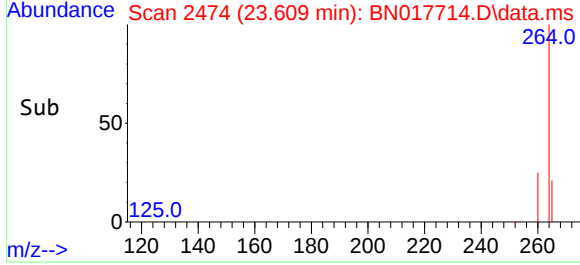
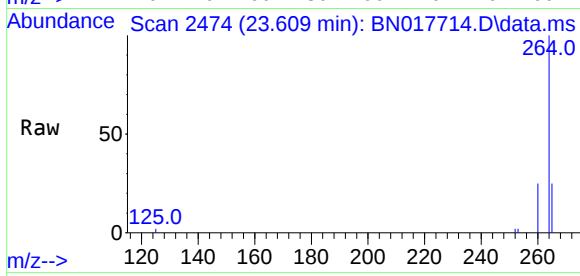
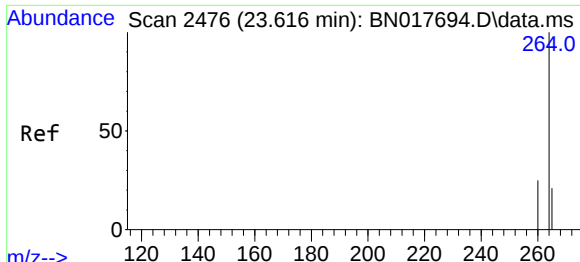
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.229 min Scan# 2012
Delta R.T. -0.010 min
Lab File: BN017714.D
Acq: 04 Dec 2021 06:31

Tgt Ion:149 Resp: 16104
Ion Ratio Lower Upper
149 100
167 29.7 21.8 32.6
279 5.7 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.609 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BN017714.D
 Acq: 04 Dec 2021 06:31

Instrument :
 BNA_N
 ClientSampleId :
 MW-24

Tgt Ion:264 Resp: 102500
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 25.1 18.6 28.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

