

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017722.D
 Acq On : 04 Dec 2021 11:17
 Operator : CG/JU
 Sample : M4917-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-36

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 02:14:30 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	7.755	152	23239	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	96176	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	64530	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	132092	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	137710	0.40	ng	# 0.00
35) Perylene-d12	23.613	264	137578	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	6431	0.12	ng	0.02
5) Phenol-d6	6.943	99	4529	0.08	ng	0.02
8) Nitrobenzene-d5	8.900	82	18209	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	36703	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	14691	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	61501	0.25	ng	0.00
27) Fluoranthene-d10	19.154	212	117198	0.27	ng	0.00
31) Terphenyl-d14	19.754	244	103131	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	564	0.03	ng	# 1
17) Acenaphthene	14.435	154	22435	0.13	ng	95
18) Fluorene	15.425	166	10349	0.05	ng	# 95
24) Pentachlorophenol	16.776	266	437	0.29	ng	99
25) Phenanthrene	17.153	178	29873m	0.09	ng	
28) Fluoranthene	19.184	202	14525	0.03	ng	# 96
30) Pyrene	19.546	202	13077	0.03	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.240	149	27970	0.21	ng	# 95

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

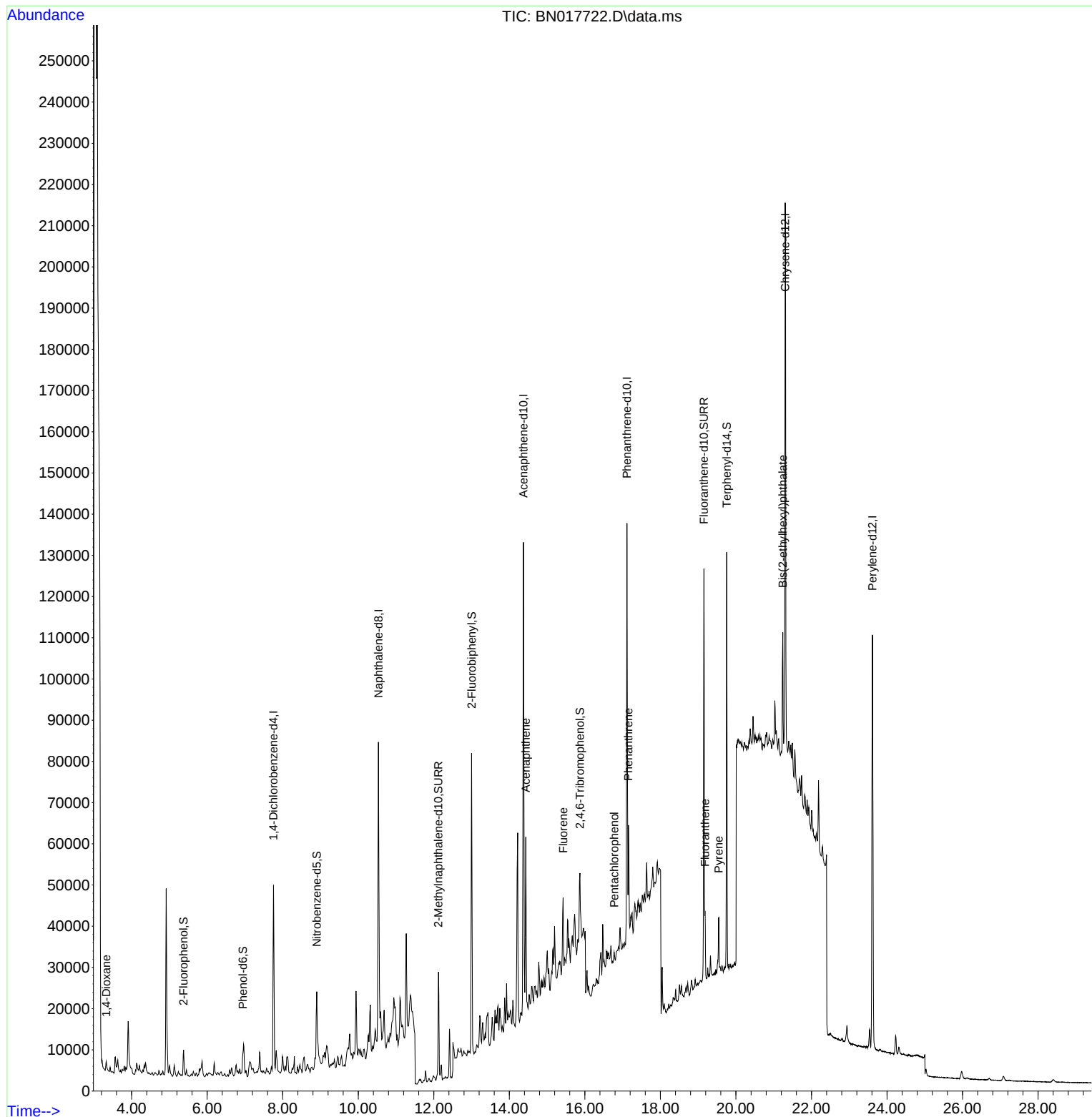
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017722.D
Acq On : 04 Dec 2021 11:17
Operator : CG/JU
Sample : M4917-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

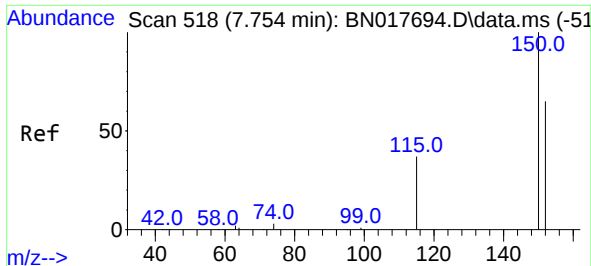
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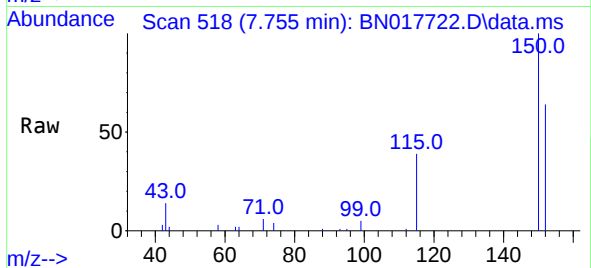
Quant Time: Dec 06 02:14:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.755 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

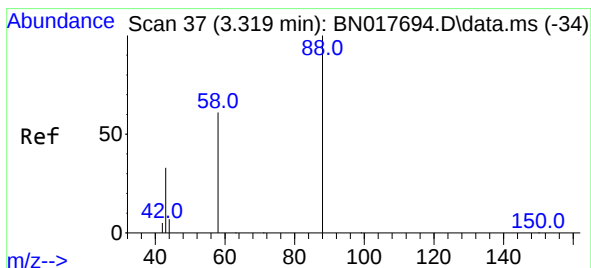
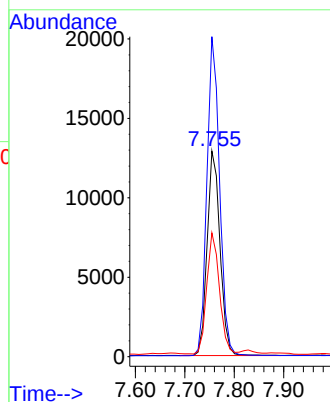
Instrument :
BNA_N
ClientSampleId :
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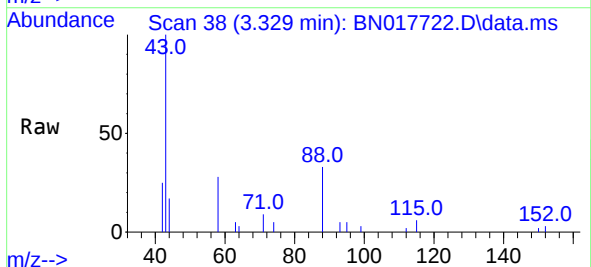
Tgt Ion:152 Resp: 23239
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.4
115 60.3 45.6 68.4

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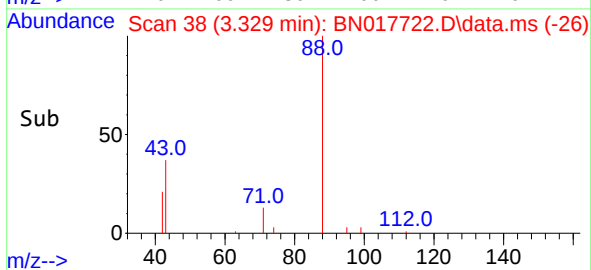
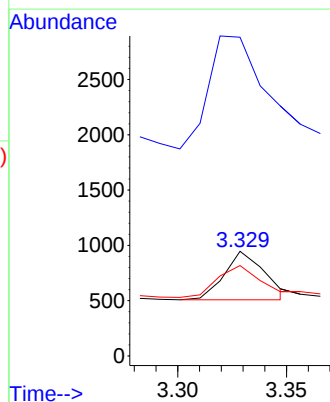
Reviewed By :Jagrut Upadhyay 12/06/2021
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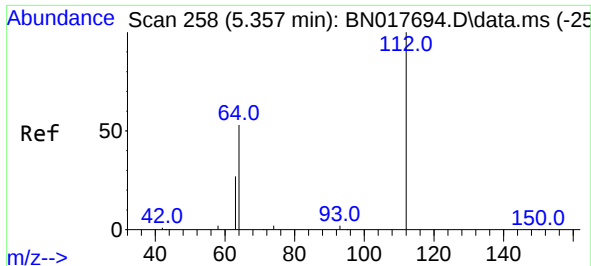


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.329 min Scan# 38
Delta R.T. 0.010 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17



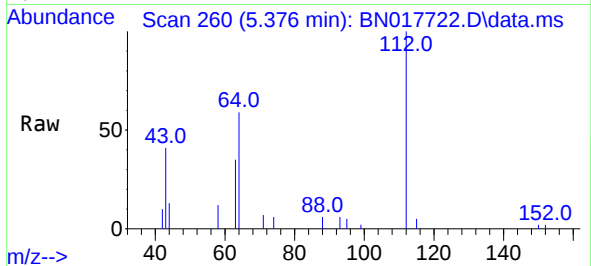
Tgt Ion: 88 Resp: 564
Ion Ratio Lower Upper
88 100
43 316.3 24.7 37.1#
58 69.9 63.0 94.6





#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.376 min Scan# 20
Delta R.T. 0.019 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

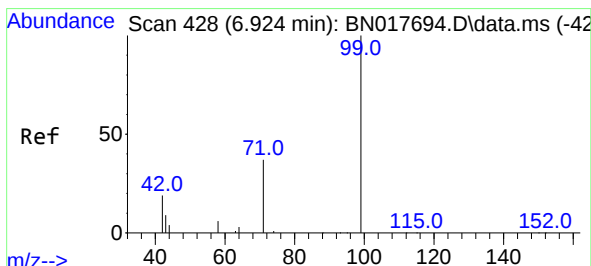
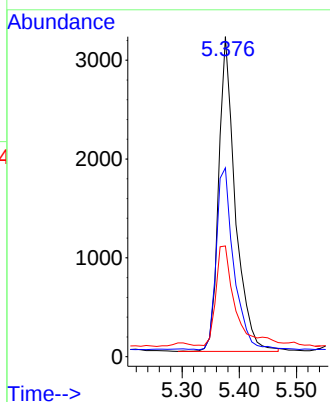
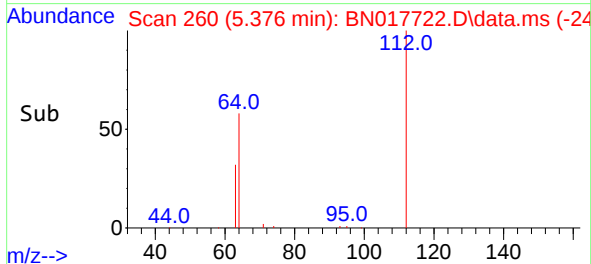
Instrument :
BNA_N
ClientSampleId :
MW-36



Tgt Ion: 112 Resp: 643
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 35.9 24.6 37.0

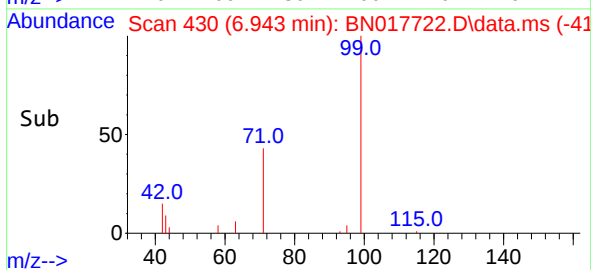
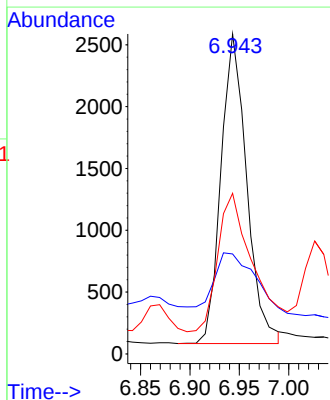
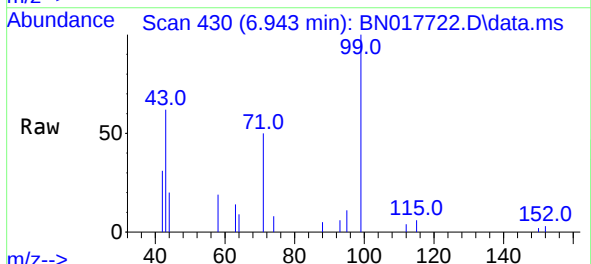
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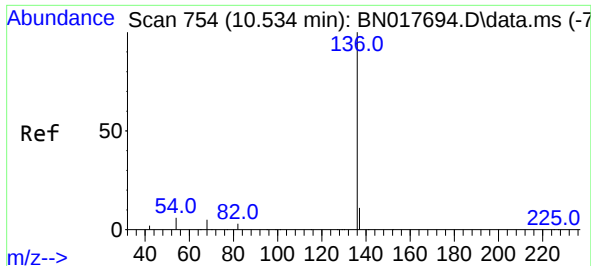
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#5
Phenol-d6
Concen: 0.08 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.019 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

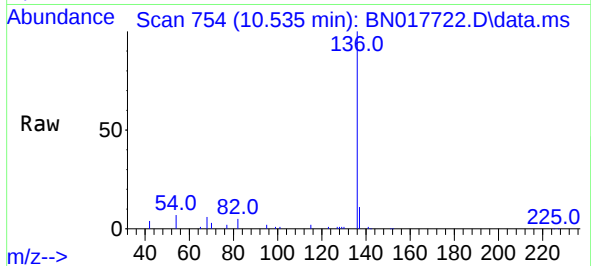
Tgt Ion: 99 Resp: 4529
Ion Ratio Lower Upper
99 100
42 25.3 17.0 25.6
71 59.3 24.8 37.2#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

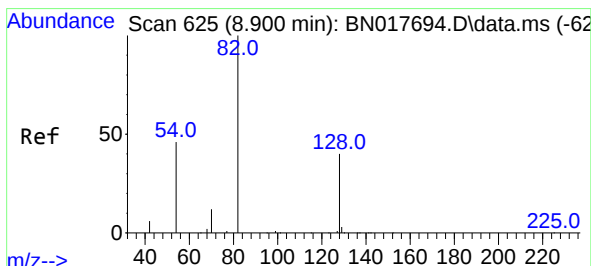
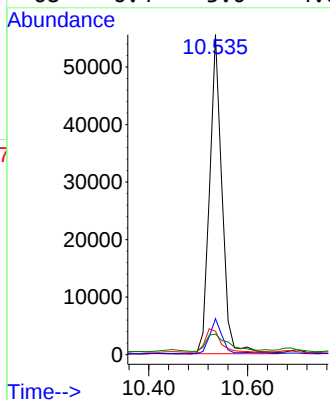
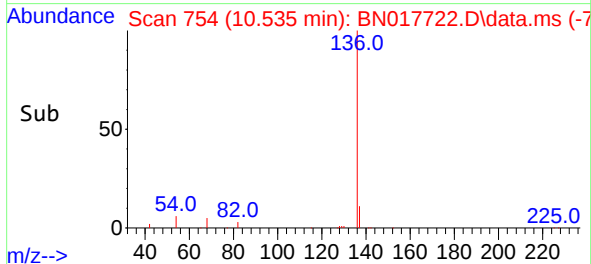
Instrument :
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Tgt Ion:	136	Resp:	96170
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.3	4.0	6.0
68	6.4	3.0	4.6

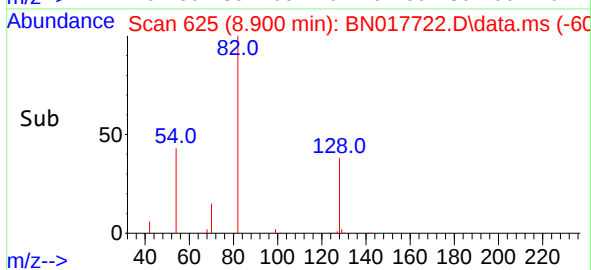
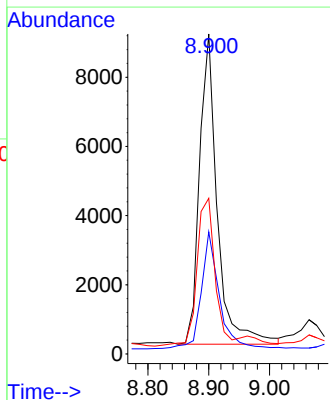
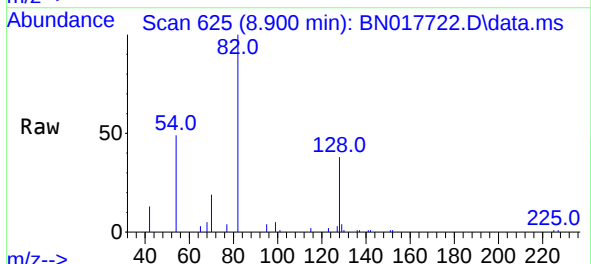
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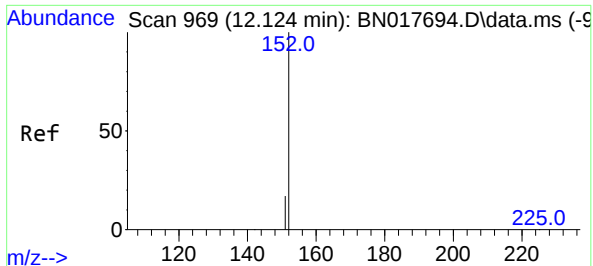
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.900 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

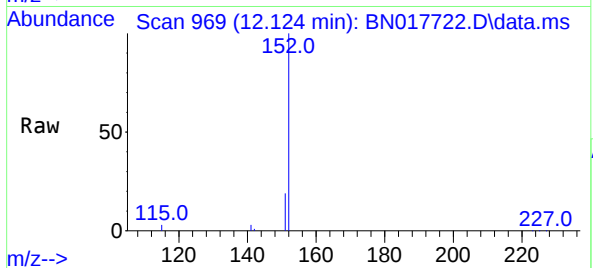
Tgt Ion:	82	Resp:	18209
Ion	Ratio	Lower	Upper
82	100		
128	38.2	27.7	41.5
54	48.7	49.2	73.8





#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.124 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

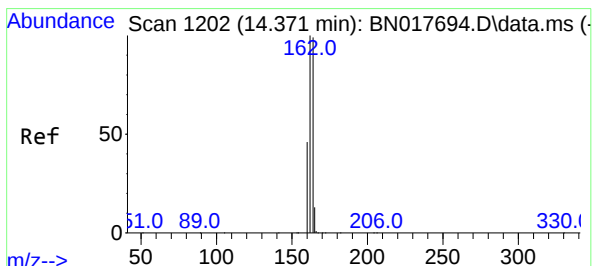
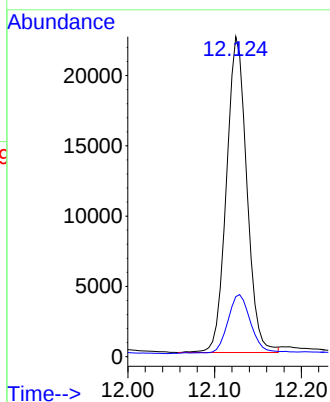
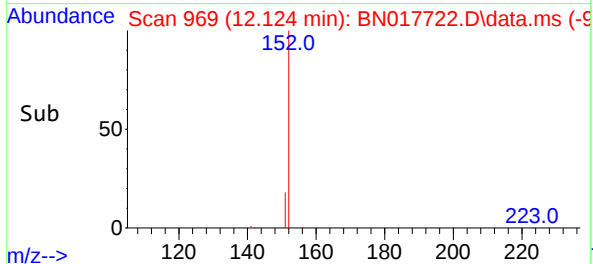
Instrument :
BNA_N
ClientSampleId :
MW-36



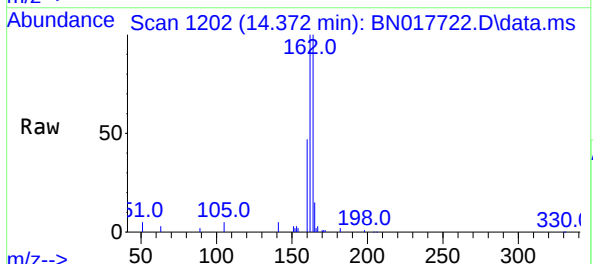
Tgt Ion:152 Resp: 3670
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

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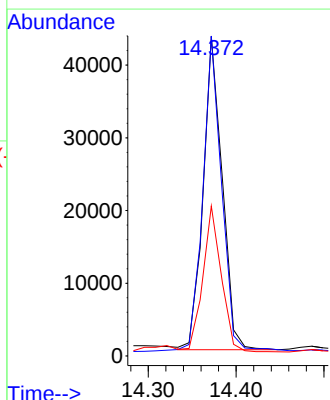
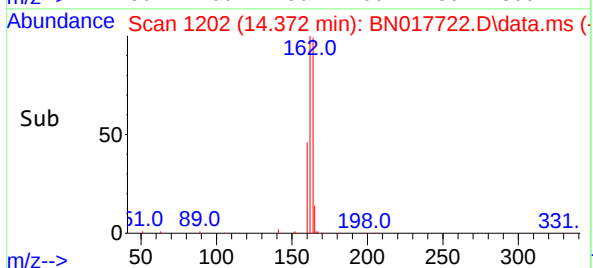
Reviewed By :Jagrut Upadhyay 12/06/2021
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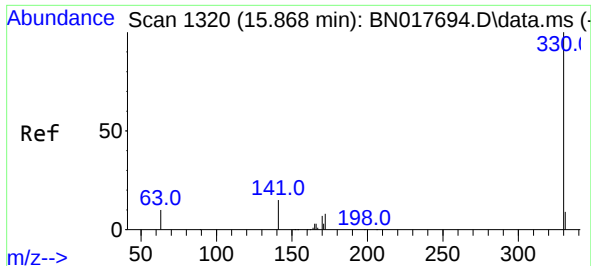


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17



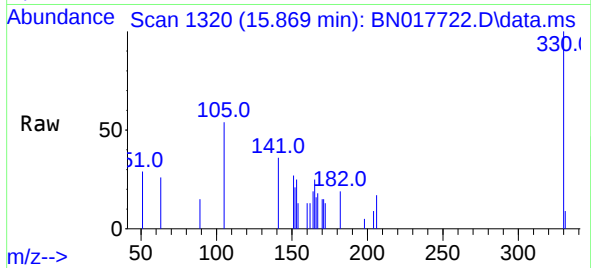
Tgt Ion:164 Resp: 64530
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.2
160 46.9 36.8 55.2





#14
2,4,6-Tribromophenol
Concen: 0.49 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

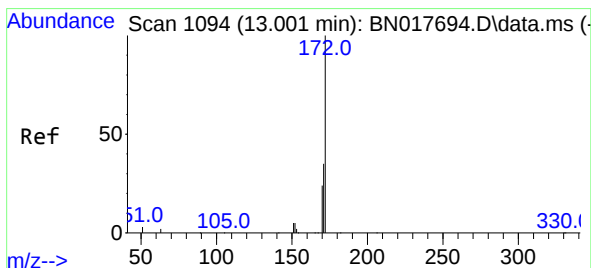
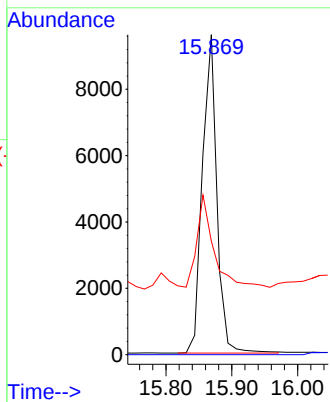
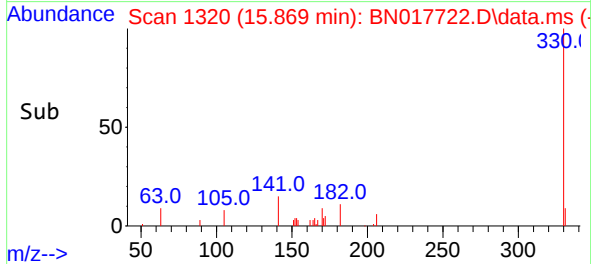
Instrument :
BNA_N
ClientSampleId :
MW-36



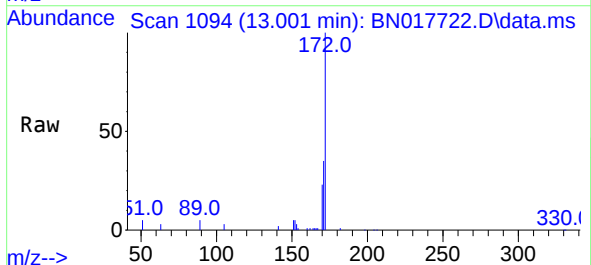
Tgt Ion: 330 Resp: 1469
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.1 28.9 43.3

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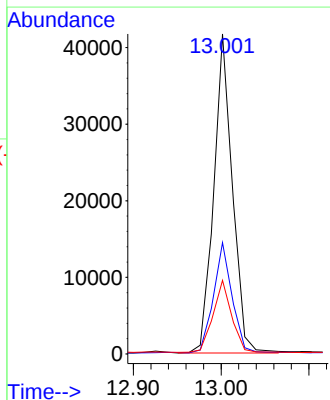
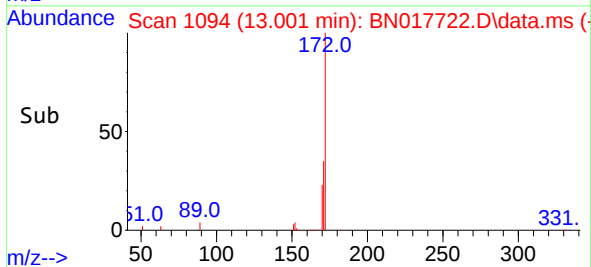
Reviewed By : Jagrut Upadhyay 12/06/2021
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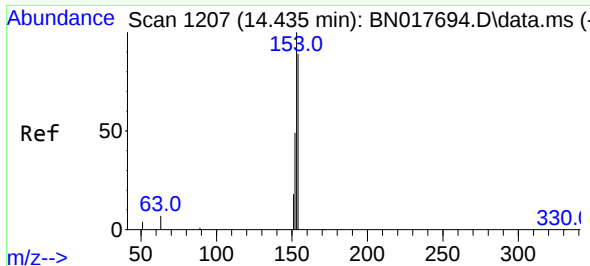


#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17



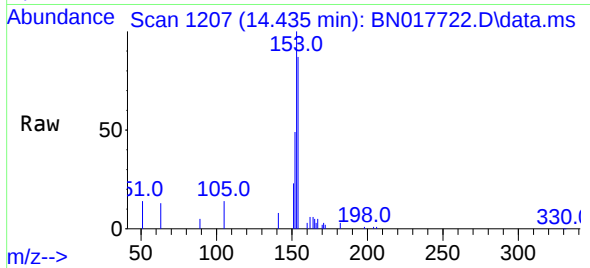
Tgt Ion: 172 Resp: 61501
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.0 19.4 29.2





#17
Acenaphthene
Concen: 0.13 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

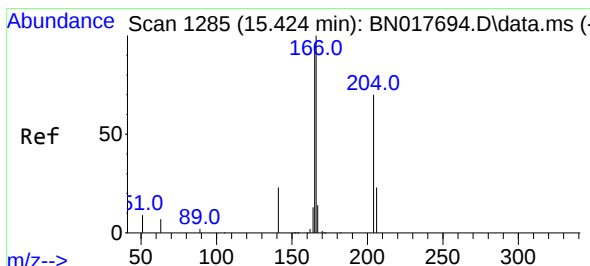
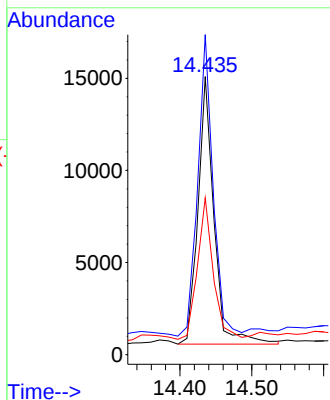
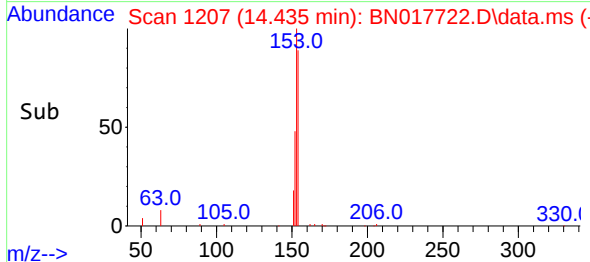
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:154 Resp: 22435
Ion Ratio Lower Upper
154 100
153 107.7 91.2 136.8
152 52.3 44.3 66.5

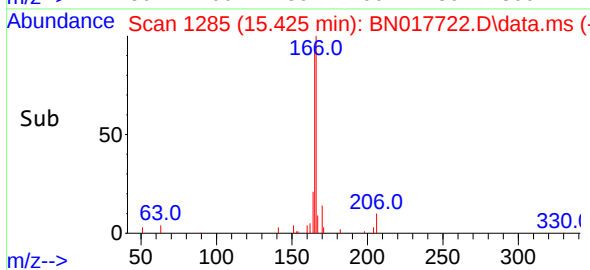
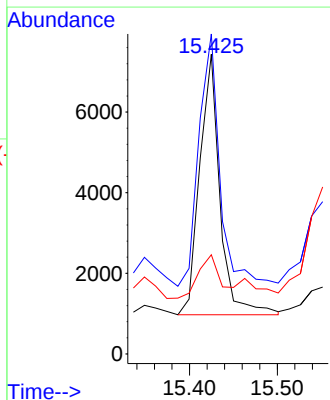
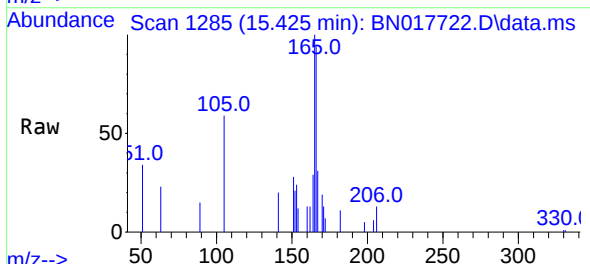
Manual Integrations
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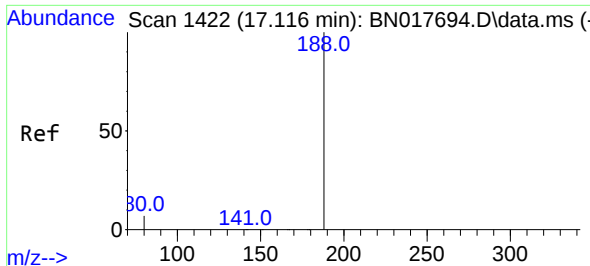
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#18
Fluorene
Concen: 0.05 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

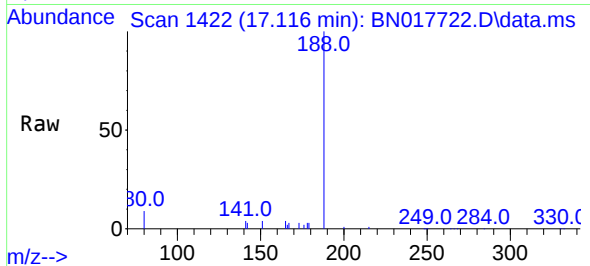
Tgt Ion:166 Resp: 10349
Ion Ratio Lower Upper
166 100
165 101.6 77.9 116.9
167 18.4 10.9 16.3#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

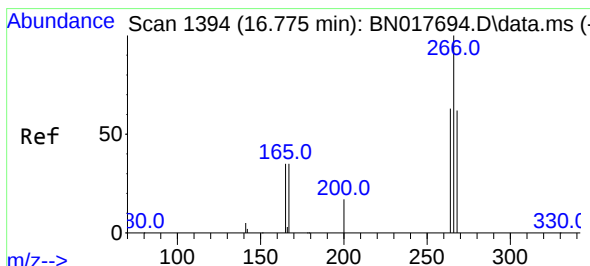
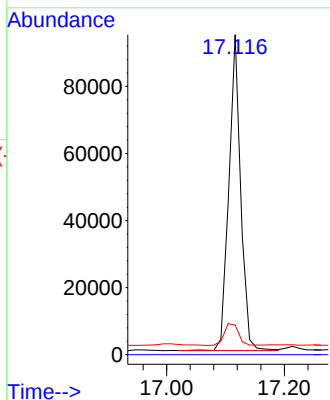
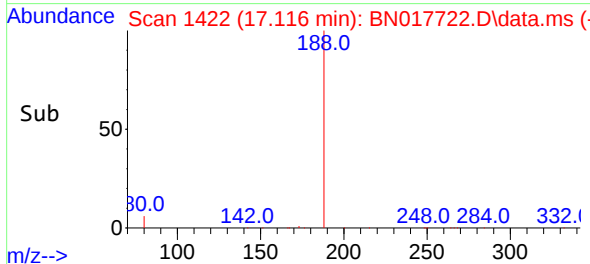
Instrument :
BNA_N
ClientSampleId :
MW-36



Tgt Ion:188 Resp: 132092
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.1 9.1

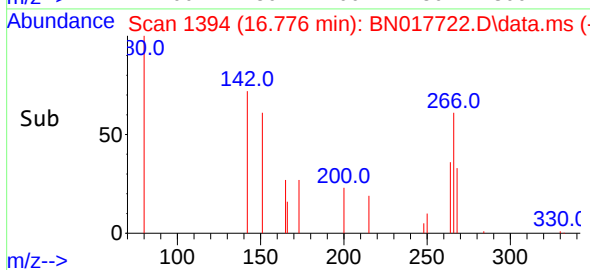
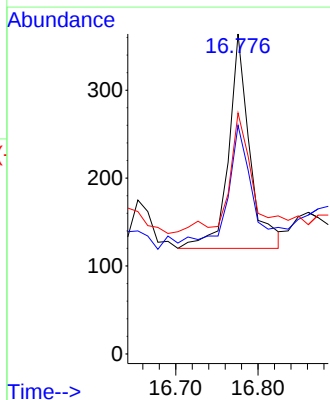
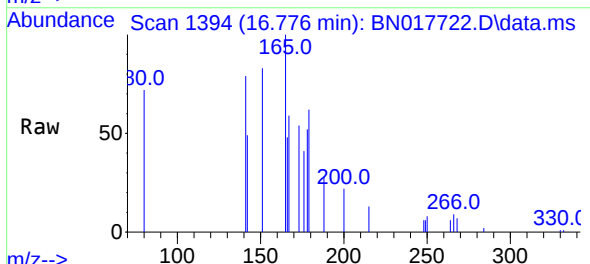
Manual Integrations
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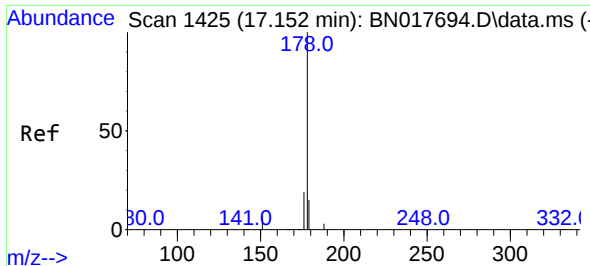
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

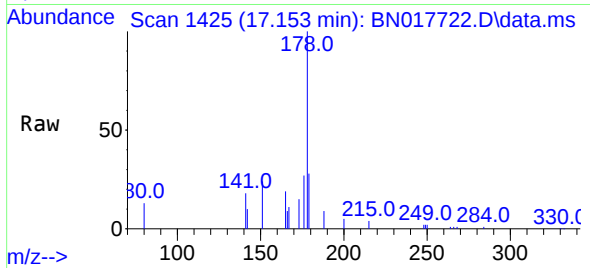
Tgt Ion:266 Resp: 437
Ion Ratio Lower Upper
266 100
264 61.8 49.8 74.8
268 64.5 51.3 76.9





#25
Phenanthrene
Concen: 0.09 ng m
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

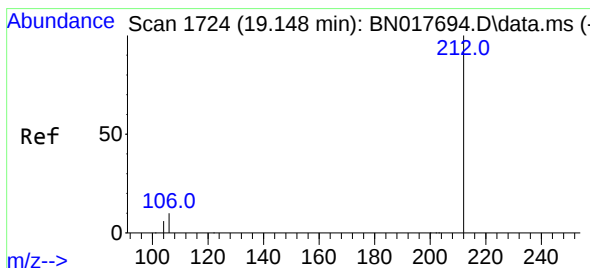
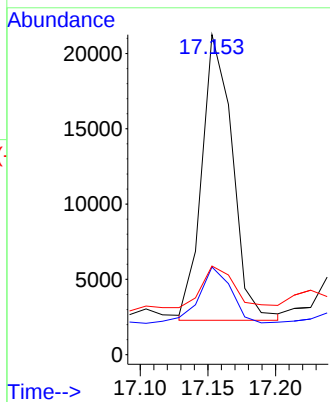
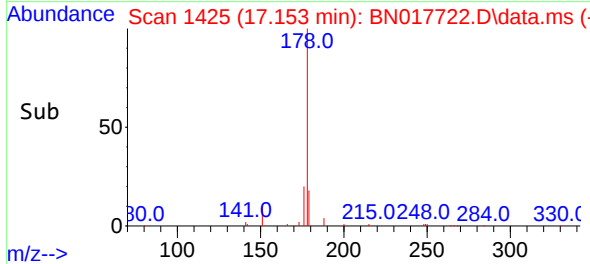
Instrument :
BNA_N
ClientSampleId :
MW-36



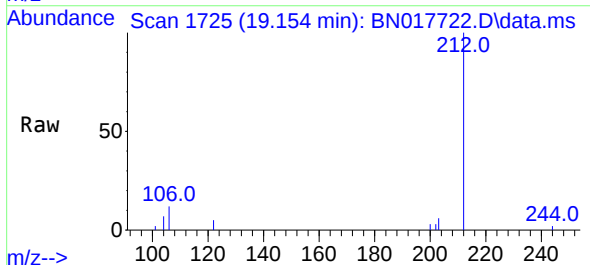
Tgt Ion:178 Resp: 2987
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.6
179 26.5 12.3 18.5

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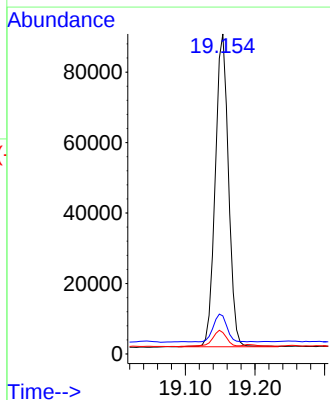
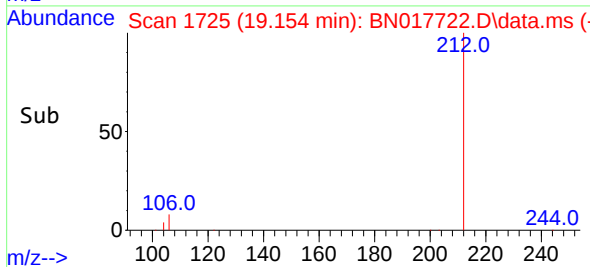
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

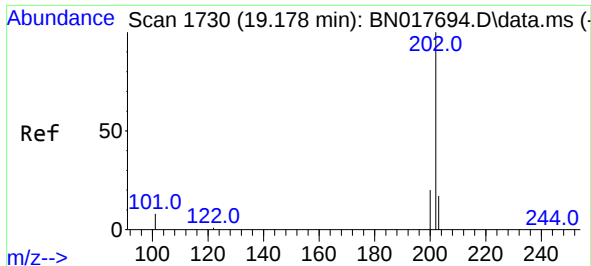


#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.154 min Scan# 1725
Delta R.T. 0.005 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17



Tgt Ion:212 Resp: 117198
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 5.6 5.8 8.6#





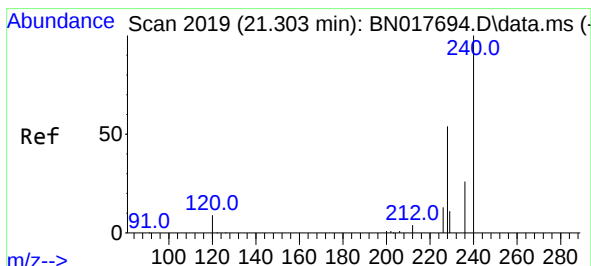
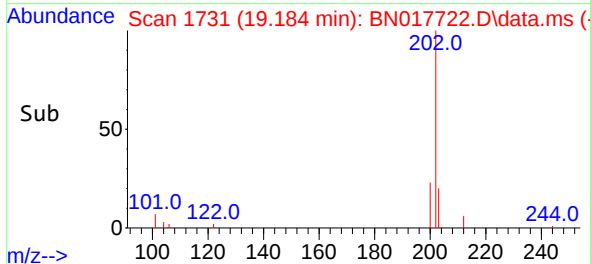
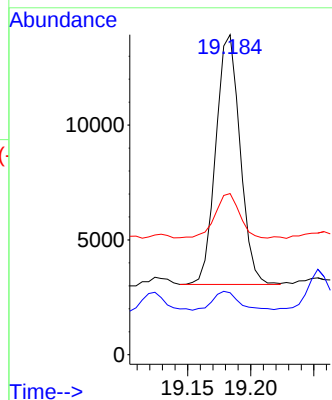
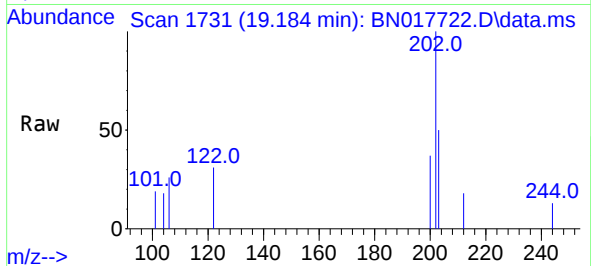
#28
Fluoranthene
Concen: 0.03 ng
RT: 19.184 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Instrument :
BNA_N
ClientSampleId :
MW-36

Tgt Ion:202 Resp: 1452
Ion Ratio Lower Upper
202 100
101 7.9 8.9 13.3
203 17.9 13.8 20.6

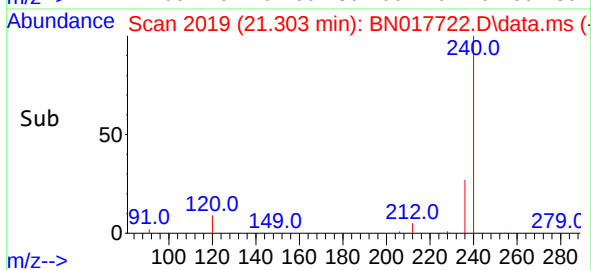
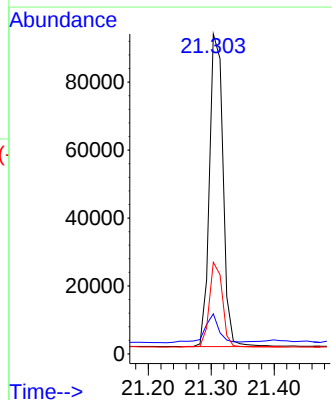
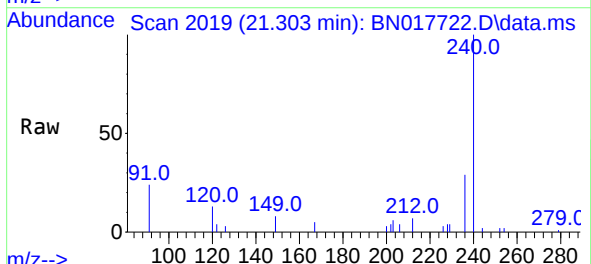
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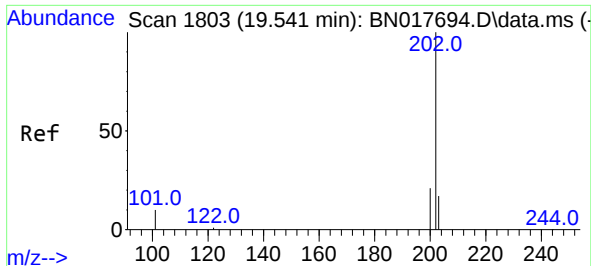
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:240 Resp: 137710
Ion Ratio Lower Upper
240 100
120 12.5 4.2 6.2
236 28.6 20.0 30.0





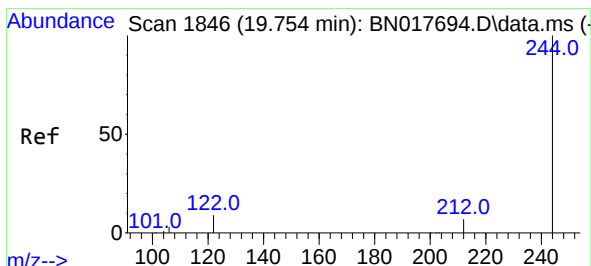
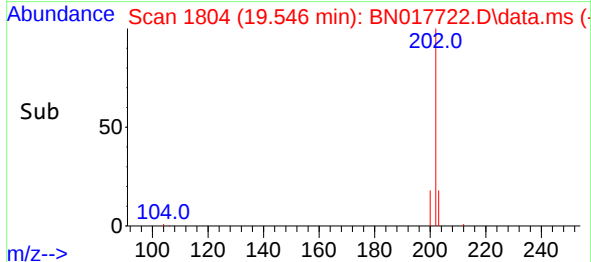
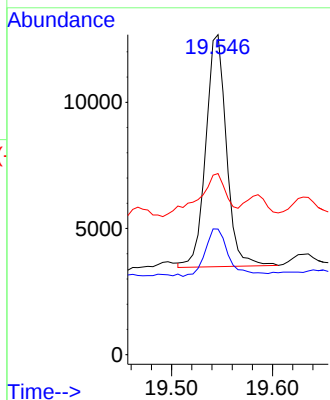
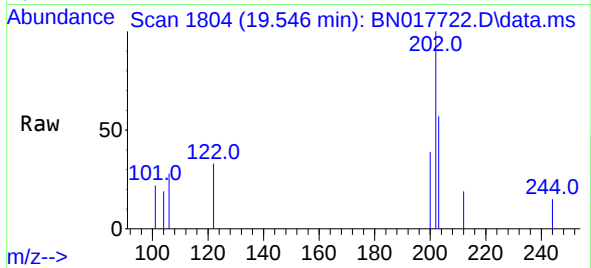
#30
Pyrene
Concen: 0.03 ng
RT: 19.546 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Instrument :
BNA_N
ClientSampleId :
MW-36

Tgt Ion:202 Resp: 1307
Ion Ratio Lower Upper
202 100
200 23.7 16.5 24.7
203 25.0 14.0 21.0

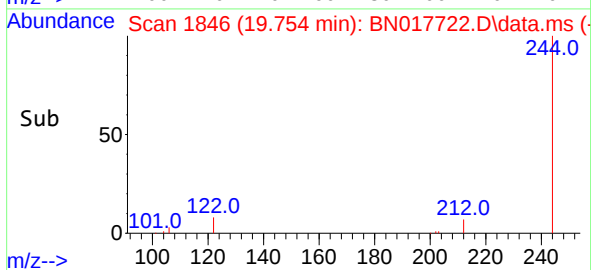
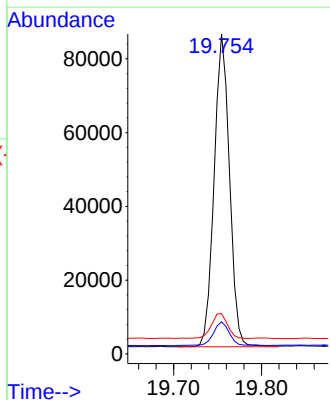
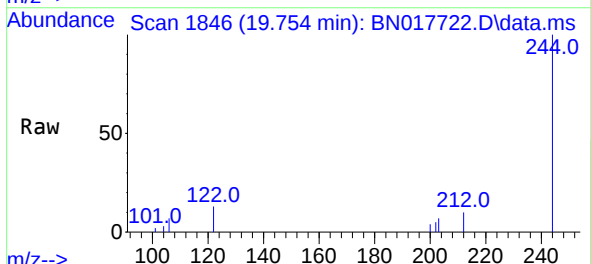
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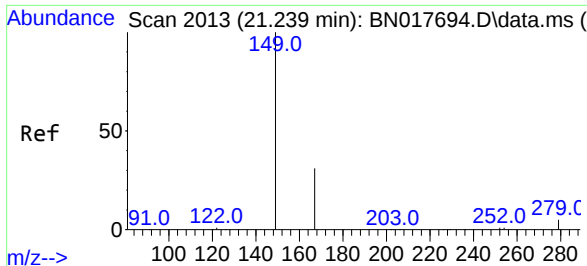
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

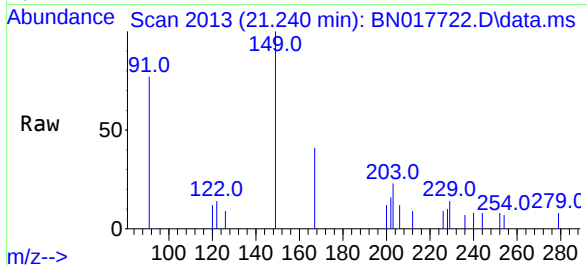
Tgt Ion:244 Resp: 103131
Ion Ratio Lower Upper
244 100
212 10.0 5.7 8.5#
122 12.6 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.240 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

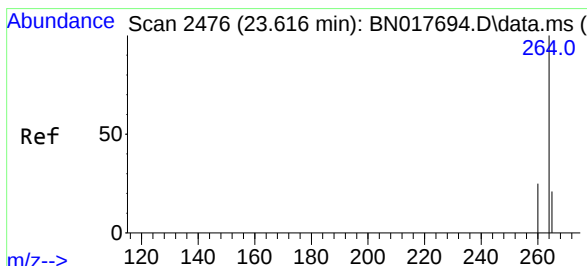
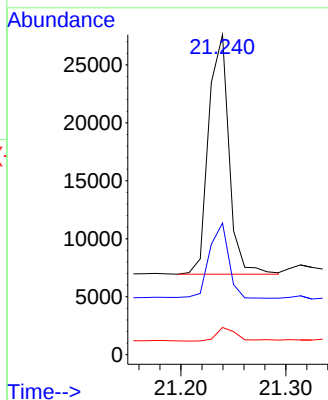
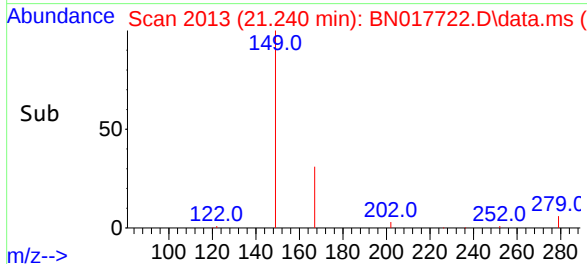
Instrument :
BNA_N
ClientSampleId :
MW-36



Tgt Ion:149 Resp: 27970
Ion Ratio Lower Upper
149 100
167 29.6 21.8 32.6
279 5.3 3.4 5.0

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



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.613 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BN017722.D
Acq: 04 Dec 2021 11:17

Tgt Ion:264 Resp: 137578
Ion Ratio Lower Upper
264 100
260 25.5 19.4 29.2
265 26.2 18.6 28.0

