

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017738.D
 Acq On : 06 Dec 2021 19:19
 Operator : CG/JU
 Sample : M4917-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-35

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 07 06:52:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	16623	0.40	ng	0.00
7) Naphthalene-d8	10.532	136	67925	0.40	ng	# 0.00
13) Acenaphthene-d10	14.373	164	47190	0.40	ng	0.00
19) Phenanthrene-d10	17.117	188	95367	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	93663	0.40	ng	# 0.01
35) Perylene-d12	23.617	264	87358	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	8138	0.23	ng	0.02
5) Phenol-d6	6.940	99	4325	0.11	ng	0.00
8) Nitrobenzene-d5	8.897	82	63959m	1.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	39729	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	14243	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	65056	0.37	ng	0.00
27) Fluoranthene-d10	19.149	212	126311	0.39	ng	0.00
31) Terphenyl-d14	19.755	244	110963	0.46	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.583	128	172249	1.02	ng	99
10) Hexachlorobutadiene	10.887	225	28	0.00	ng	# 100
12) 2-Methylnaphthalene	12.196	142	7308	0.06	ng	# 63
17) Acenaphthene	14.436	154	8383	0.07	ng	99
21) 4-Bromophenyl-phenylether	16.314	248	266	0.00	ng	# 1
24) Pentachlorophenol	16.776	266	1165	0.24	ng	94
34) Bis(2-ethylhexyl)phtha...	21.240	149	20459	0.14	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.989	276	964	0.01	ng	# 64

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

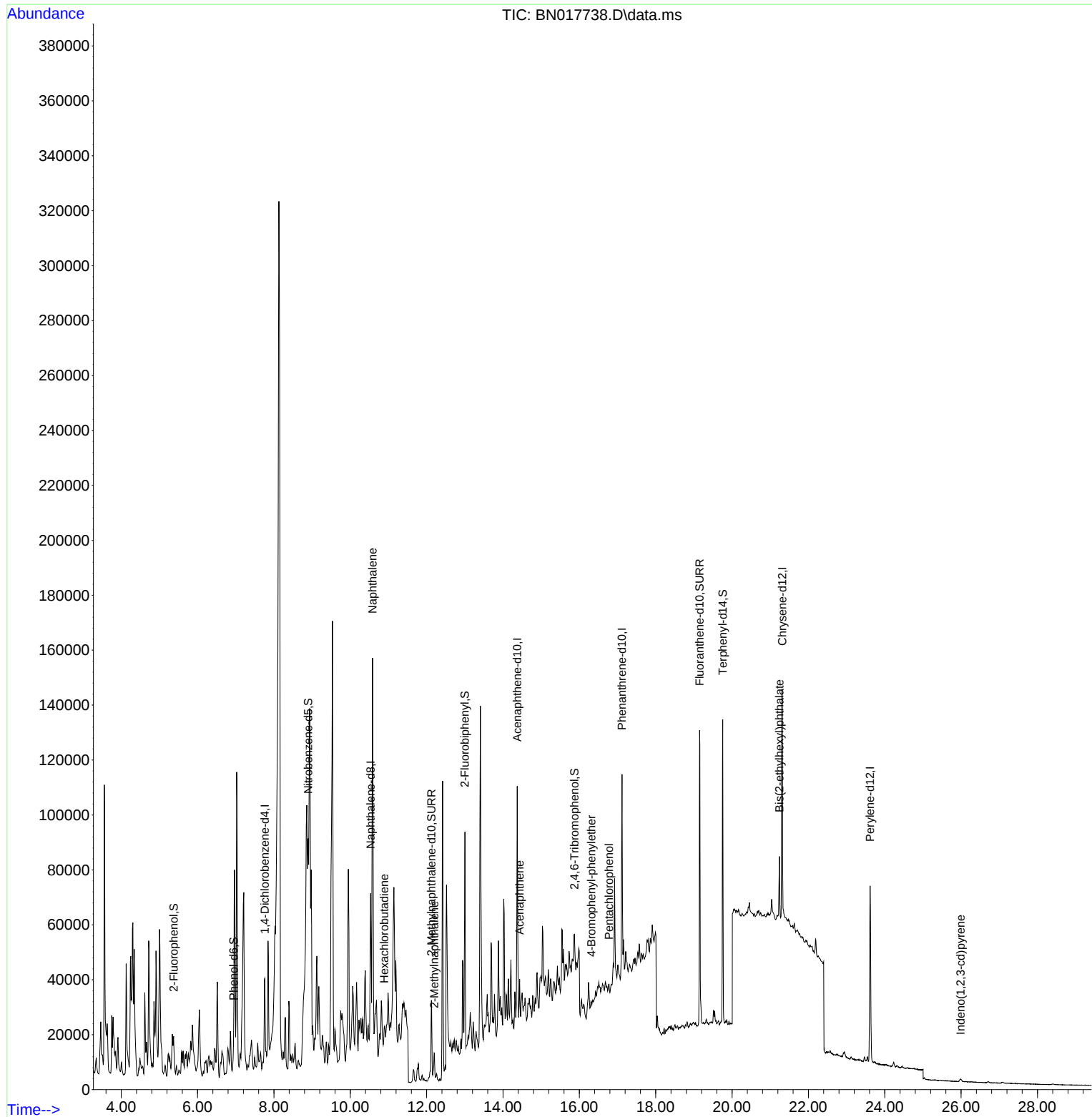
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017738.D
Acq On : 06 Dec 2021 19:19
Operator : CG/JU
Sample : M4917-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

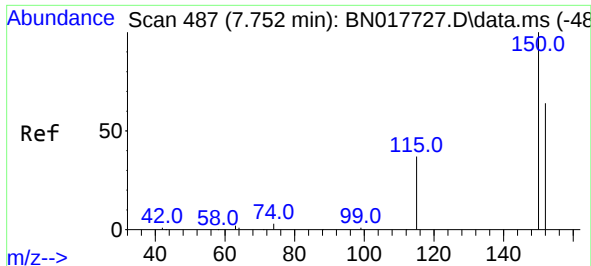
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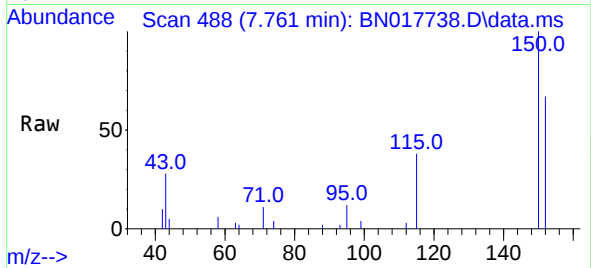
Quant Time: Dec 07 06:52:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 15:58:05 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.761 min Scan# 487
Delta R.T. 0.009 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

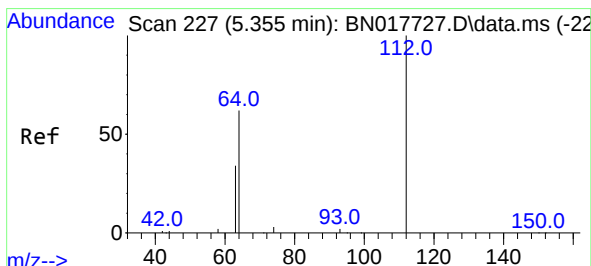
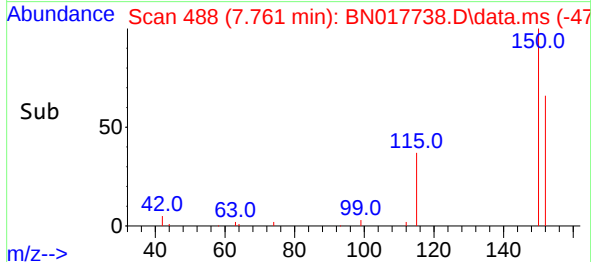
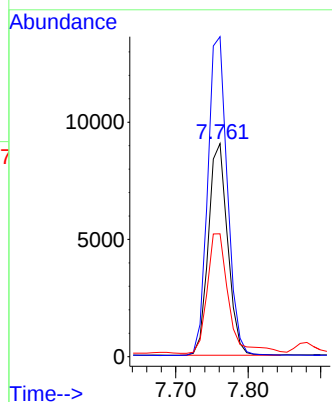
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:152 Resp: 1662
Ion Ratio Lower Upper
152 100
150 150.1 123.0 184.4
115 57.7 45.6 68.4

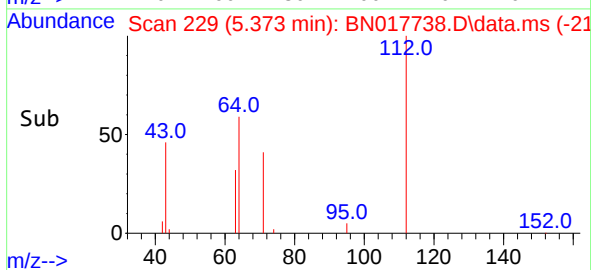
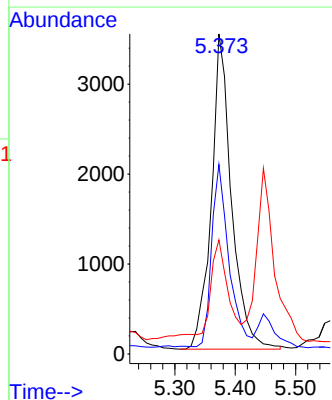
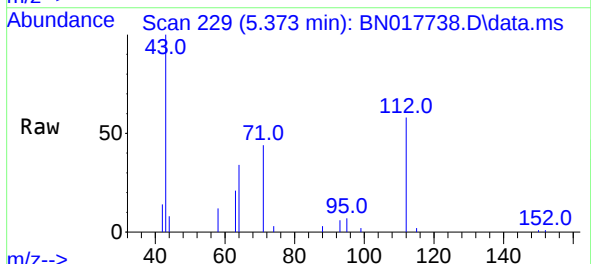
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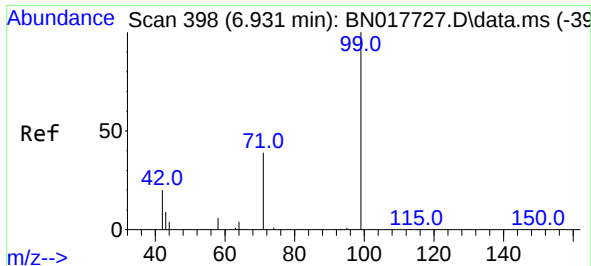
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.373 min Scan# 229
Delta R.T. 0.018 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

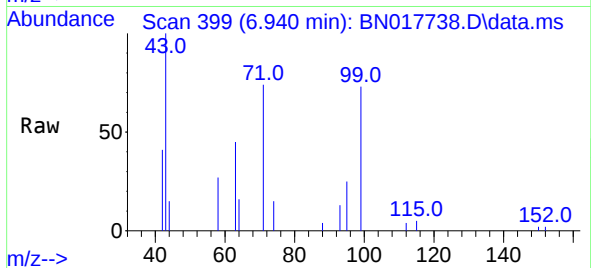
Tgt Ion:112 Resp: 8138
Ion Ratio Lower Upper
112 100
64 48.9 47.6 71.4
63 25.9 24.6 37.0





#5
Phenol-d6
Concen: 0.11 ng
RT: 6.940 min Scan# 398
Delta R.T. 0.009 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

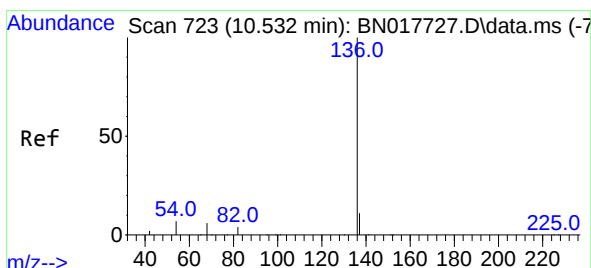
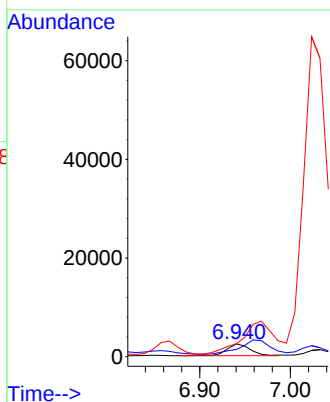
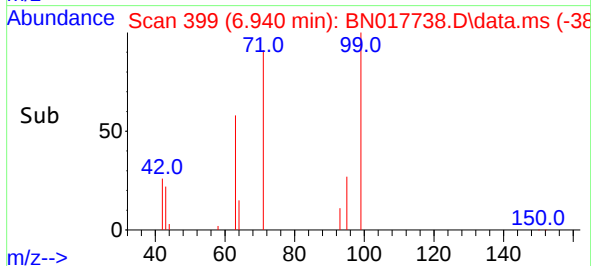
Instrument :
BNA_N
ClientSampleId :
MW-35



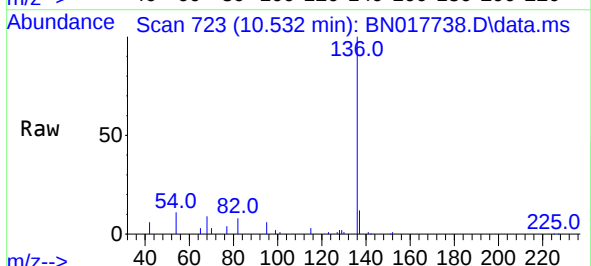
Tgt Ion: 99 Resp: 432
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6
71 0.0 24.8 37.2

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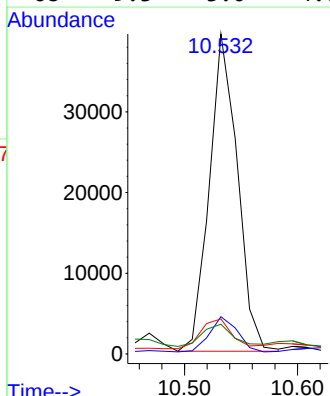
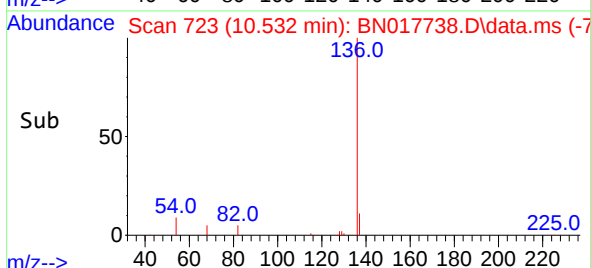
Reviewed By :Jagrut Upadhyay 12/07/2021
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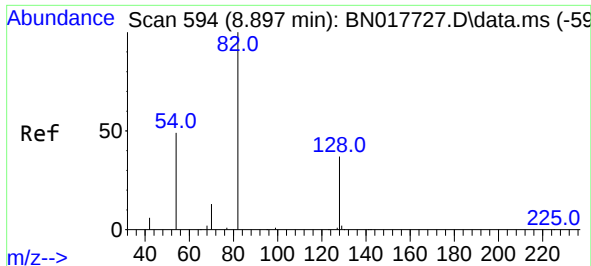


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19



Tgt Ion:136 Resp: 67925
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 10.9 4.0 6.0#
68 9.3 3.0 4.6#





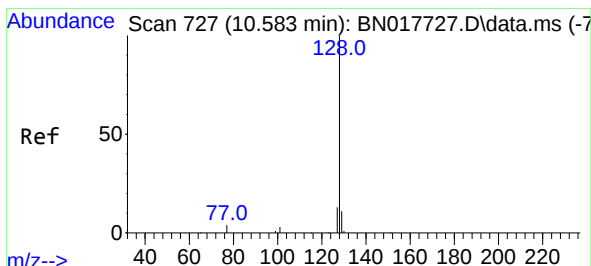
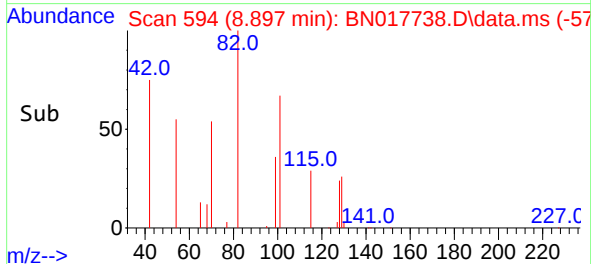
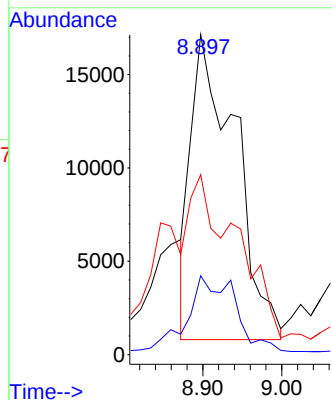
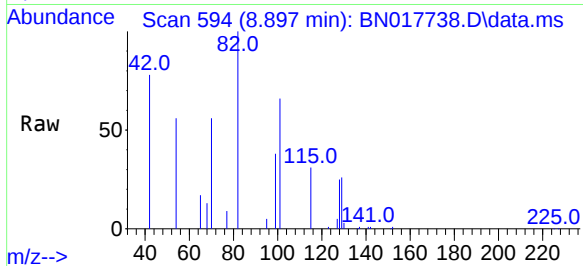
#8
Nitrobenzene-d5
Concen: 1.39 ng m
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

Instrument :
BNA_N
ClientSampleId :
MW-35

Tgt Ion: 82 Resp: 63958
Ion Ratio Lower Upper
82 100
128 24.6 27.7 41.5
54 56.3 49.2 73.8

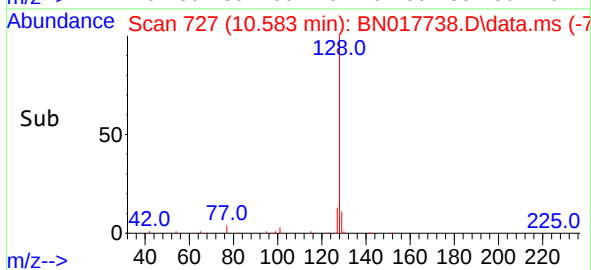
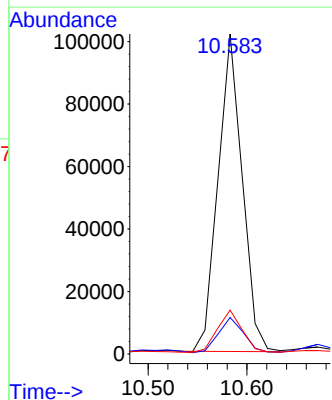
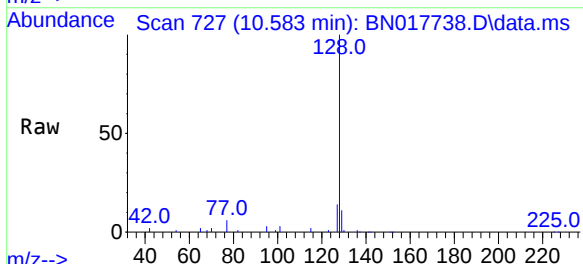
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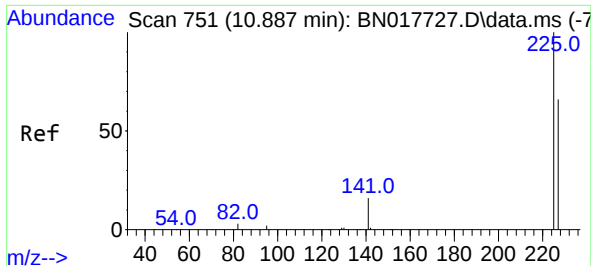
Reviewed By :Jagrut Upadhyay 12/07/2021
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#9
Naphthalene
Concen: 1.02 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

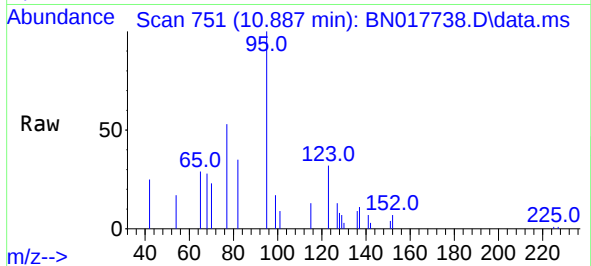
Tgt Ion:128 Resp: 172249
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.7 10.6 15.8





#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.887 min Scan# 751
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

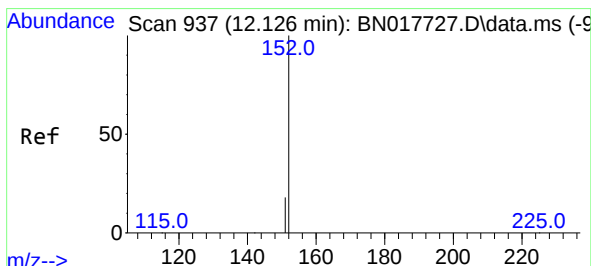
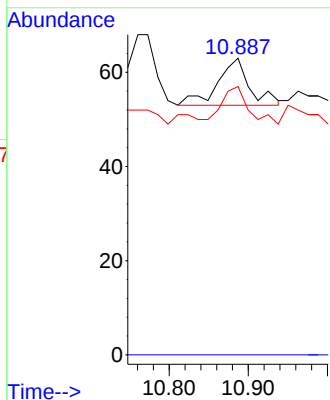
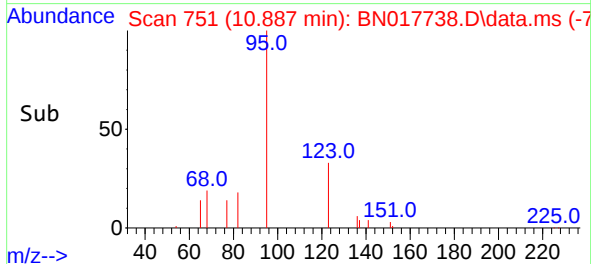
Instrument :
BNA_N
ClientSampleId :
MW-35



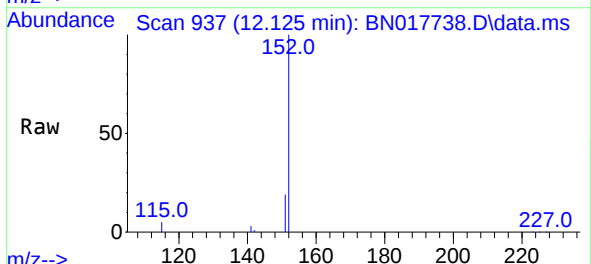
Tgt Ion: 225 Resp: 28
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.1 76.7

Manual Integrations
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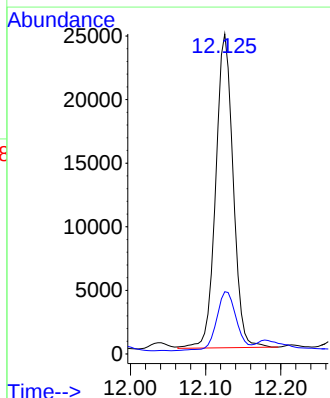
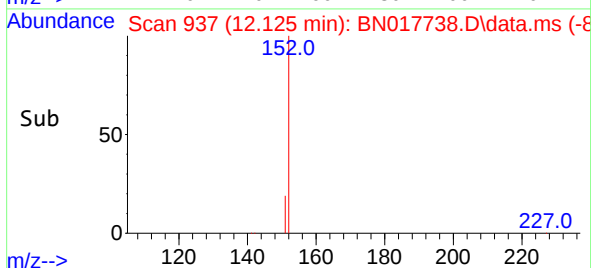
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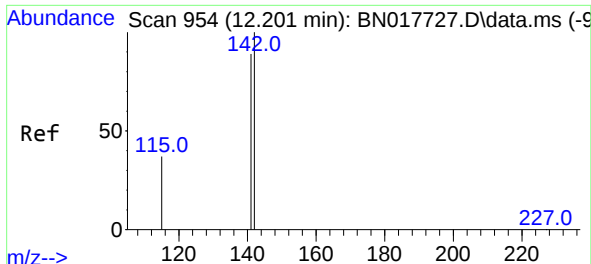


#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.125 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19



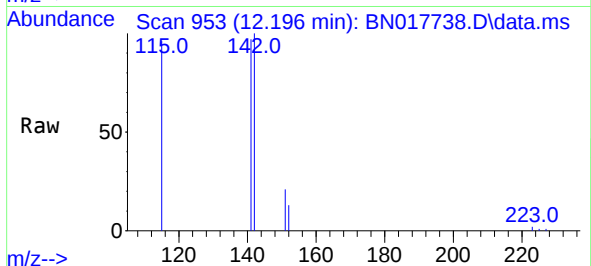
Tgt Ion: 152 Resp: 39729
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4





#12
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.196 min Scan# 91
Delta R.T. -0.005 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

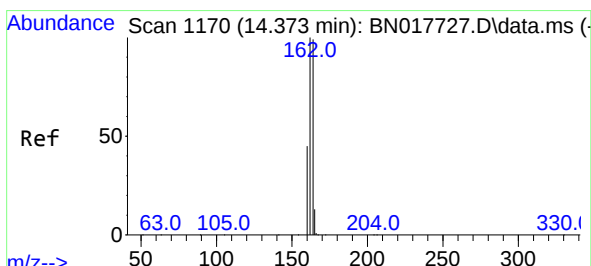
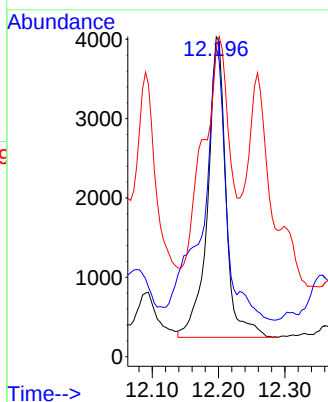
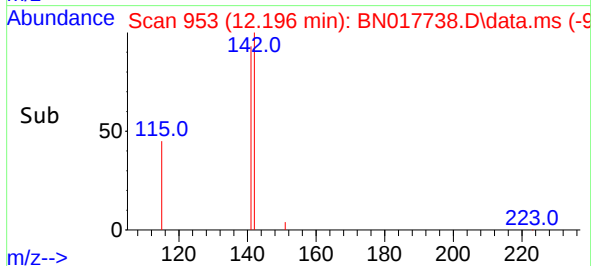
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:142 Resp: 7308
Ion Ratio Lower Upper
142 100
141 96.6 70.6 106.0
115 96.4 25.8 38.6

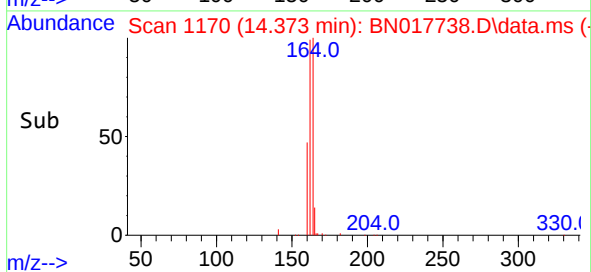
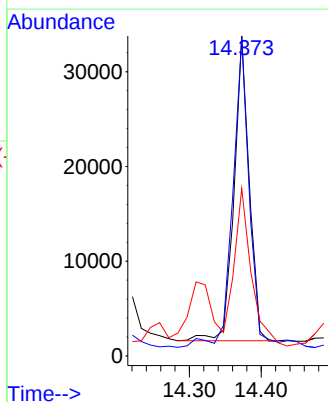
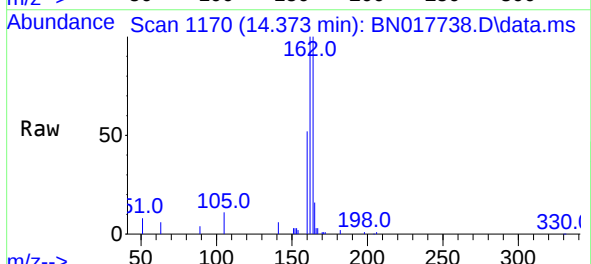
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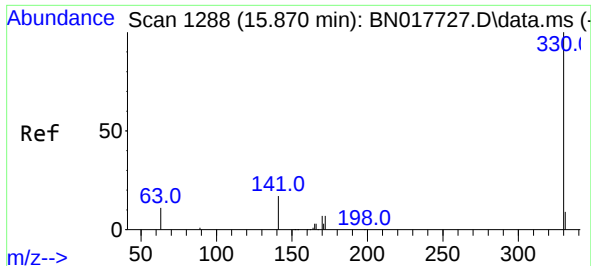
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.373 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

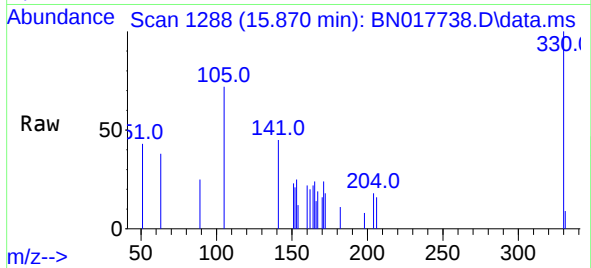
Tgt Ion:164 Resp: 47190
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.2
160 52.4 36.8 55.2





#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

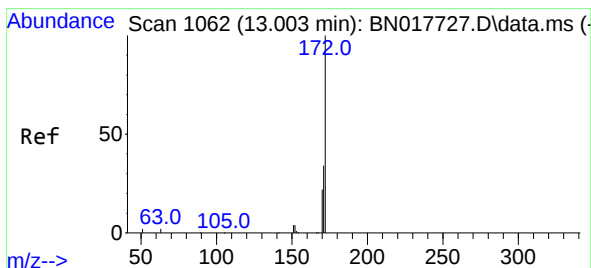
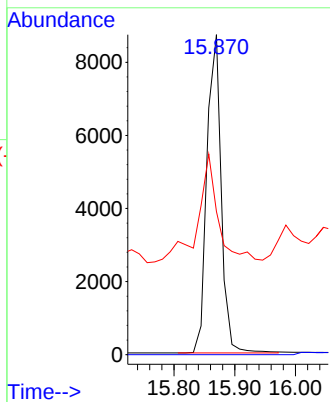
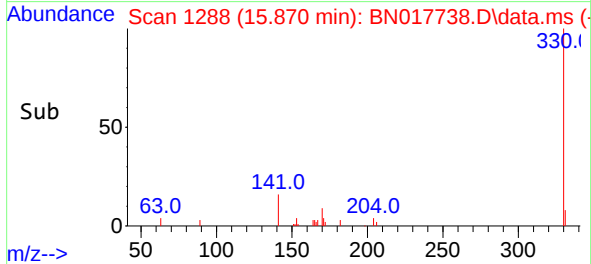
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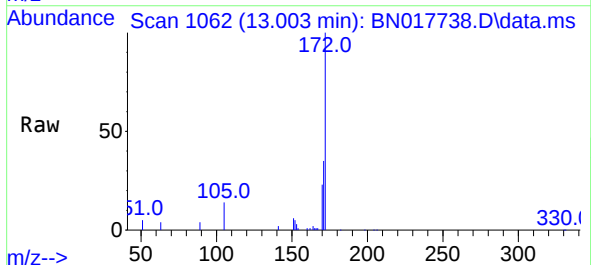
Tgt Ion:330 Resp: 1424
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.9 28.9 43.3

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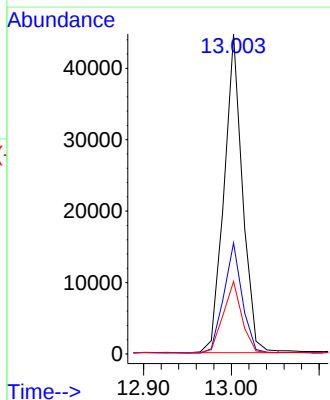
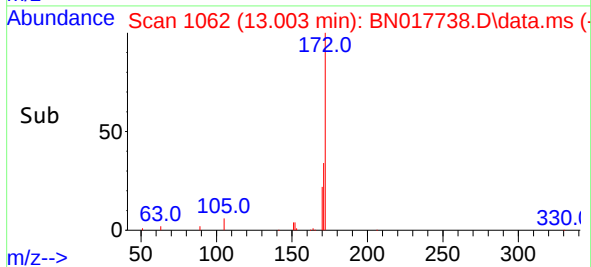
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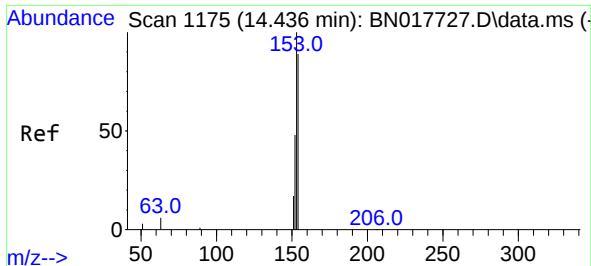


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19



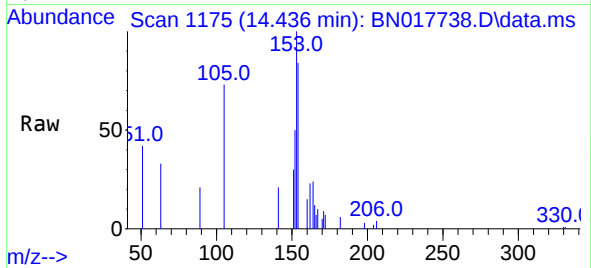
Tgt Ion:172 Resp: 65056
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 22.7 19.4 29.2





#17
Acenaphthene
Concen: 0.07 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

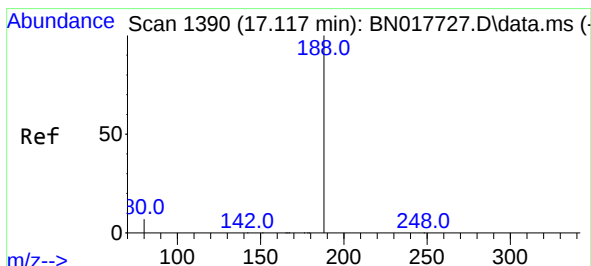
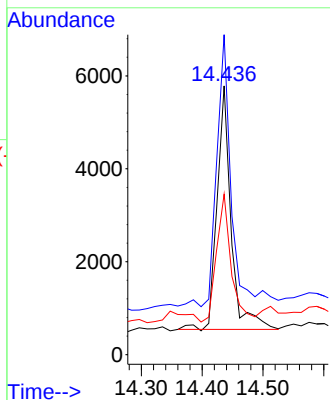
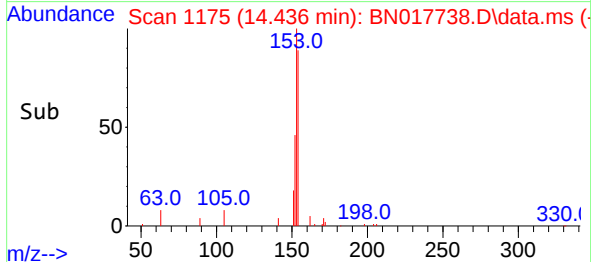
Instrument :
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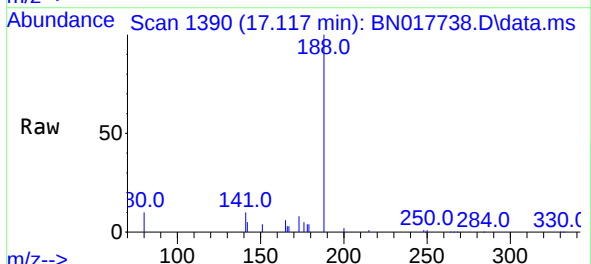
Tgt Ion:154 Resp: 838
Ion Ratio Lower Upper
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153 115.9 91.2 136.8
152 54.8 44.3 66.5

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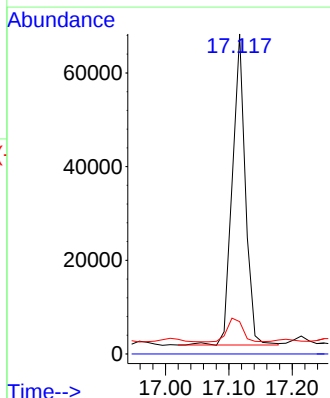
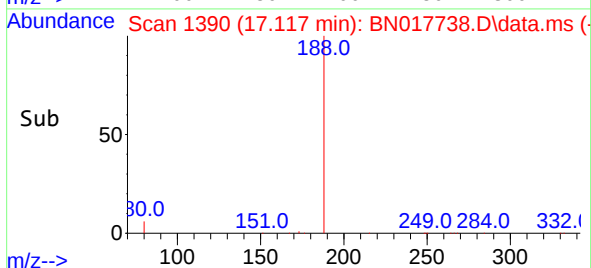
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

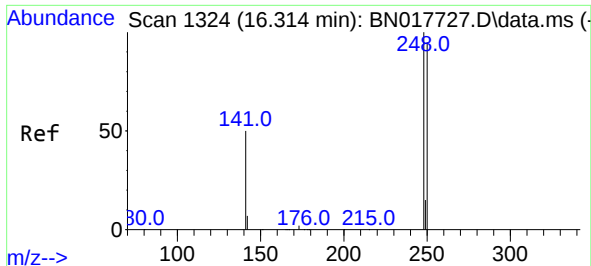


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.117 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19



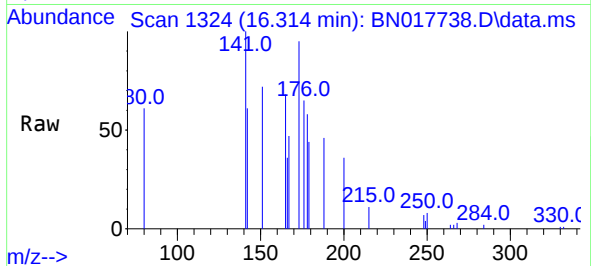
Tgt Ion:188 Resp: 95367
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 6.1 9.1#





#21
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

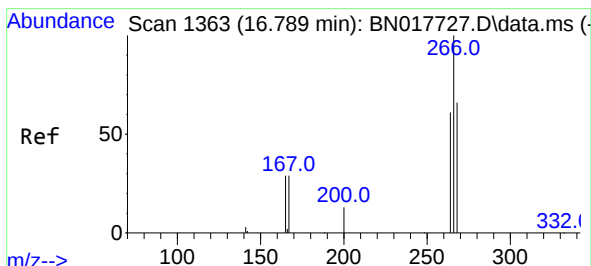
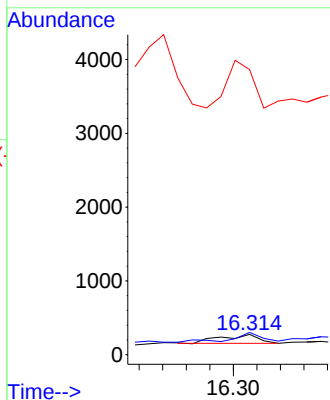
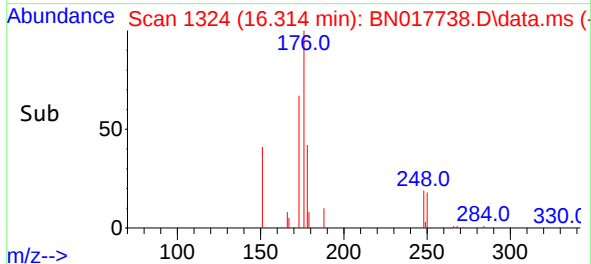
Instrument :
BNA_N
ClientSampleId :
MW-35



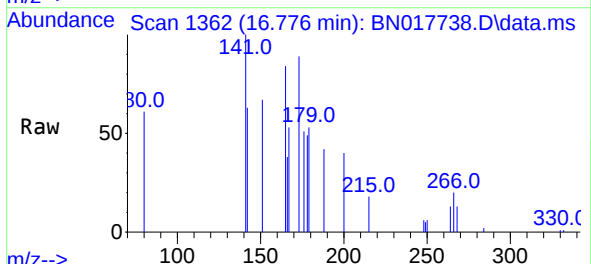
Tgt Ion:248 Resp: 260
Ion Ratio Lower Upper
248 100
250 109.8 71.8 107.8
141 1405.5 70.9 106.1

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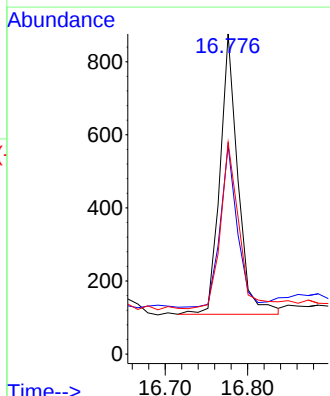
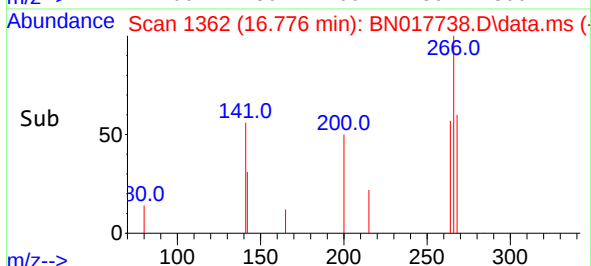
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

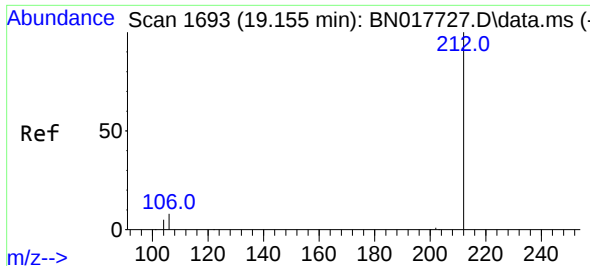


#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.776 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19



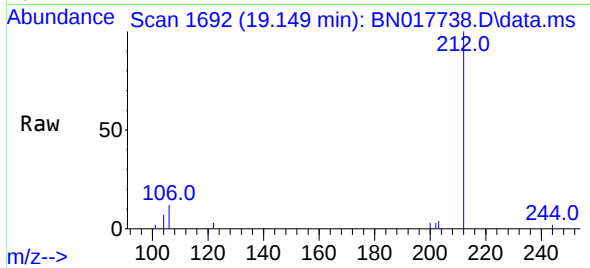
Tgt Ion:266 Resp: 1165
Ion Ratio Lower Upper
266 100
264 55.8 49.8 74.8
268 61.0 51.3 76.9





#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.149 min Scan# 10
Delta R.T. -0.005 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

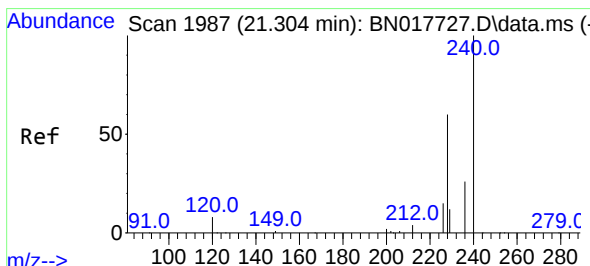
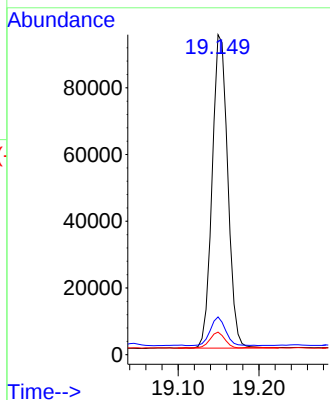
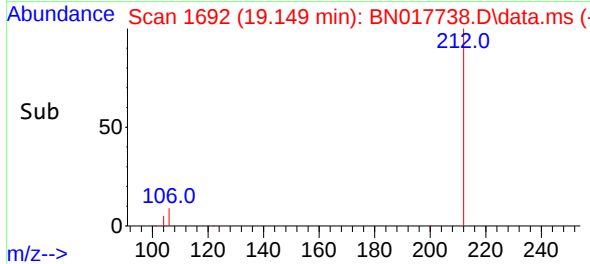
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:212 Resp: 12631
Ion Ratio Lower Upper
212 100
106 9.0 10.5 15.7
104 5.0 5.8 8.6

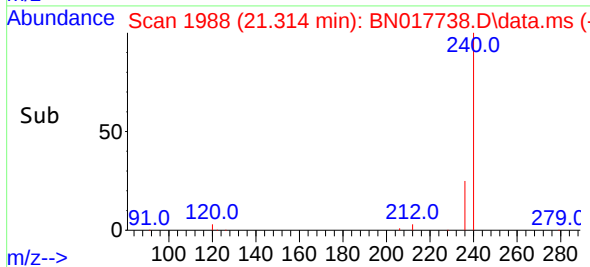
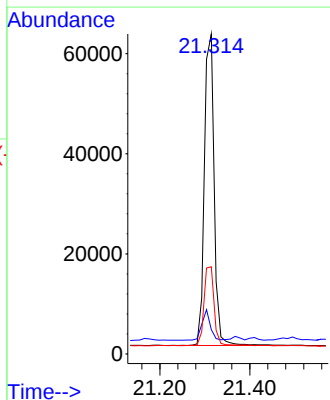
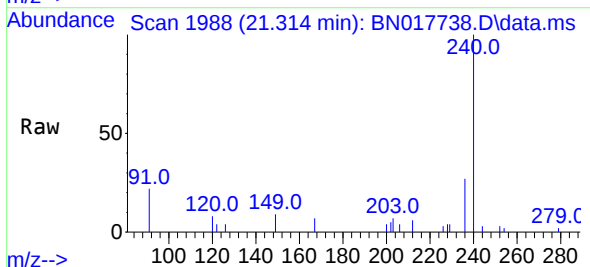
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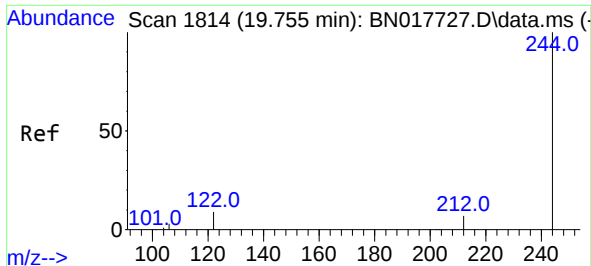
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 1988
Delta R.T. 0.010 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

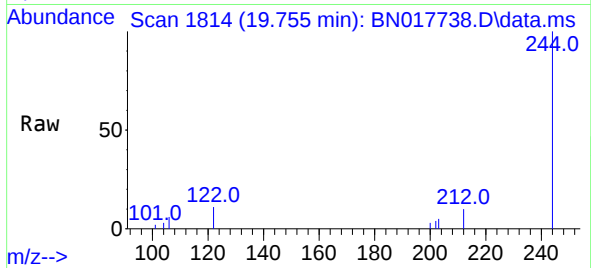
Tgt Ion:240 Resp: 93663
Ion Ratio Lower Upper
240 100
120 7.6 4.2 6.2
236 27.3 20.0 30.0





#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

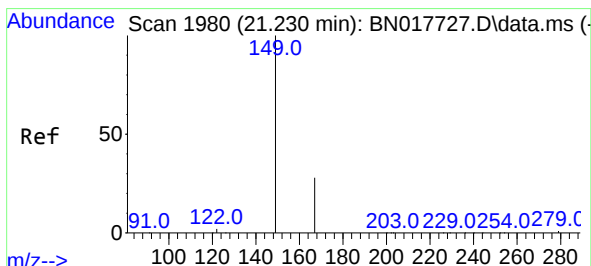
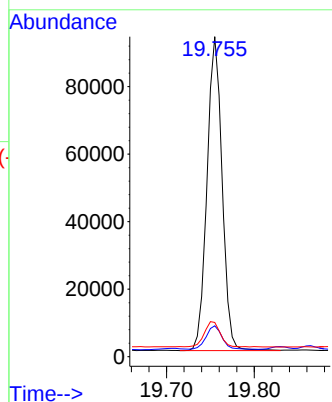
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:244 Resp: 11096
Ion Ratio Lower Upper
244 100
212 9.7 5.7 8.5
122 10.7 8.6 13.0

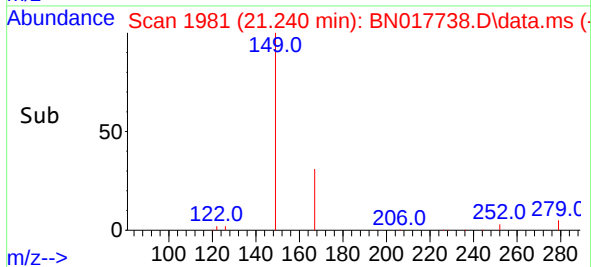
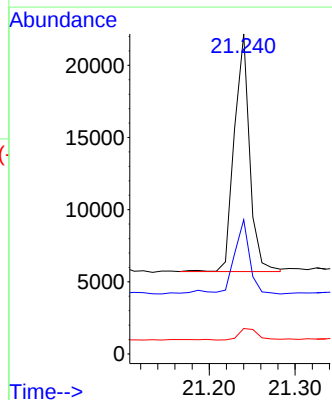
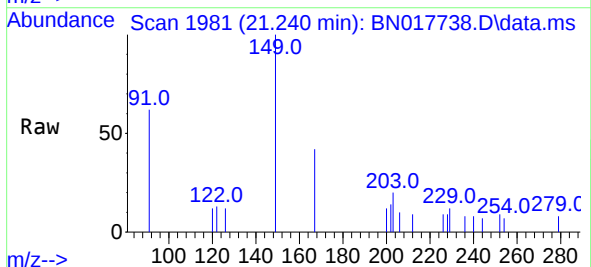
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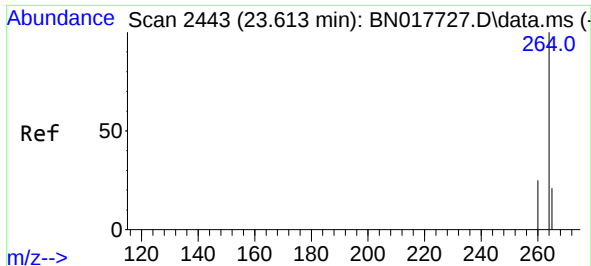
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.240 min Scan# 1981
Delta R.T. 0.010 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

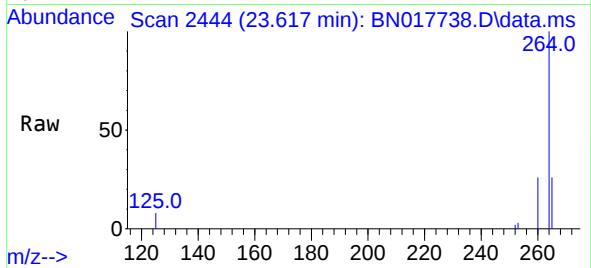
Tgt Ion:149 Resp: 20459
Ion Ratio Lower Upper
149 100
167 30.0 21.8 32.6
279 6.0 3.4 5.0





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.617 min Scan# 2443
Delta R.T. 0.003 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

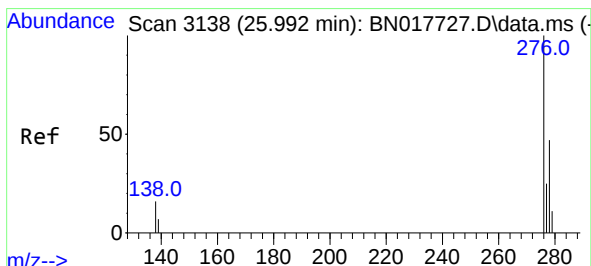
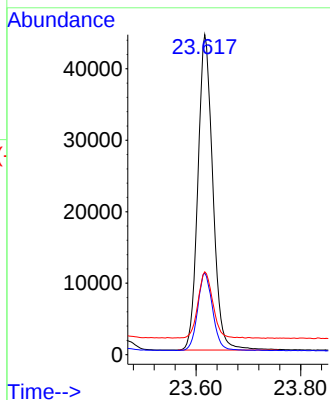
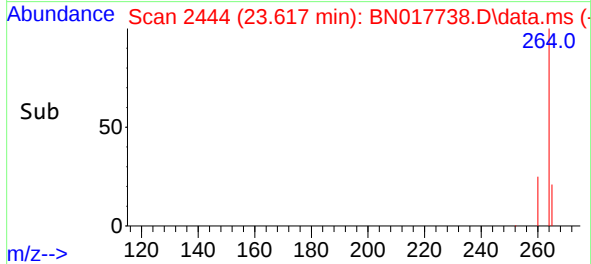
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:264 Resp: 87358
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 25.9 18.6 28.0

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Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.989 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN017738.D
Acq: 06 Dec 2021 19:19

Tgt Ion:276 Resp: 964
Ion Ratio Lower Upper
276 100
138 55.3 19.7 29.5#
277 19.6 20.0 30.0#

