

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017737.D
 Acq On : 06 Dec 2021 18:43
 Operator : CG/JU
 Sample : M4917-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-32

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 06:52:05 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	17322	0.40	ng	0.00
7) Naphthalene-d8	10.532	136	71666	0.40	ng	# 0.00
13) Acenaphthene-d10	14.373	164	48025	0.40	ng	# 0.00
19) Phenanthrene-d10	17.117	188	99543	0.40	ng	0.00
29) Chrysene-d12	21.304	240	86647	0.40	ng	# 0.00
35) Perylene-d12	23.613	264	71699	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	5245	0.14	ng	0.02
5) Phenol-d6	6.941	99	3669	0.09	ng	0.00
8) Nitrobenzene-d5	8.897	82	14028m	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	35656	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	13320	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	66289	0.37	ng	0.00
27) Fluoranthene-d10	19.149	212	123106	0.37	ng	0.00
31) Terphenyl-d14	19.755	244	122872	0.55	ng	0.00
Target Compounds						
9) Naphthalene	10.583	128	716768	4.03	ng	Qvalue 100
10) Hexachlorobutadiene	10.913	225	5	0.00	ng	# 18
12) 2-Methylnaphthalene	12.197	142	32154	0.26	ng	# 94
17) Acenaphthene	14.436	154	8459	0.07	ng	# 81
18) Fluorene	15.426	166	14970	0.09	ng	# 91
21) 4-Bromophenyl-phenylether	16.290	248	31	0.00	ng	# 1
22) Hexachlorobenzene	16.436	284	43	0.00	ng	# 1
24) Pentachlorophenol	16.776	266	1682	0.27	ng	97
25) Phenanthrene	17.154	178	36318	0.14	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.230	149	20997	0.15	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.989	276	553	0.00	ng	# 55

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

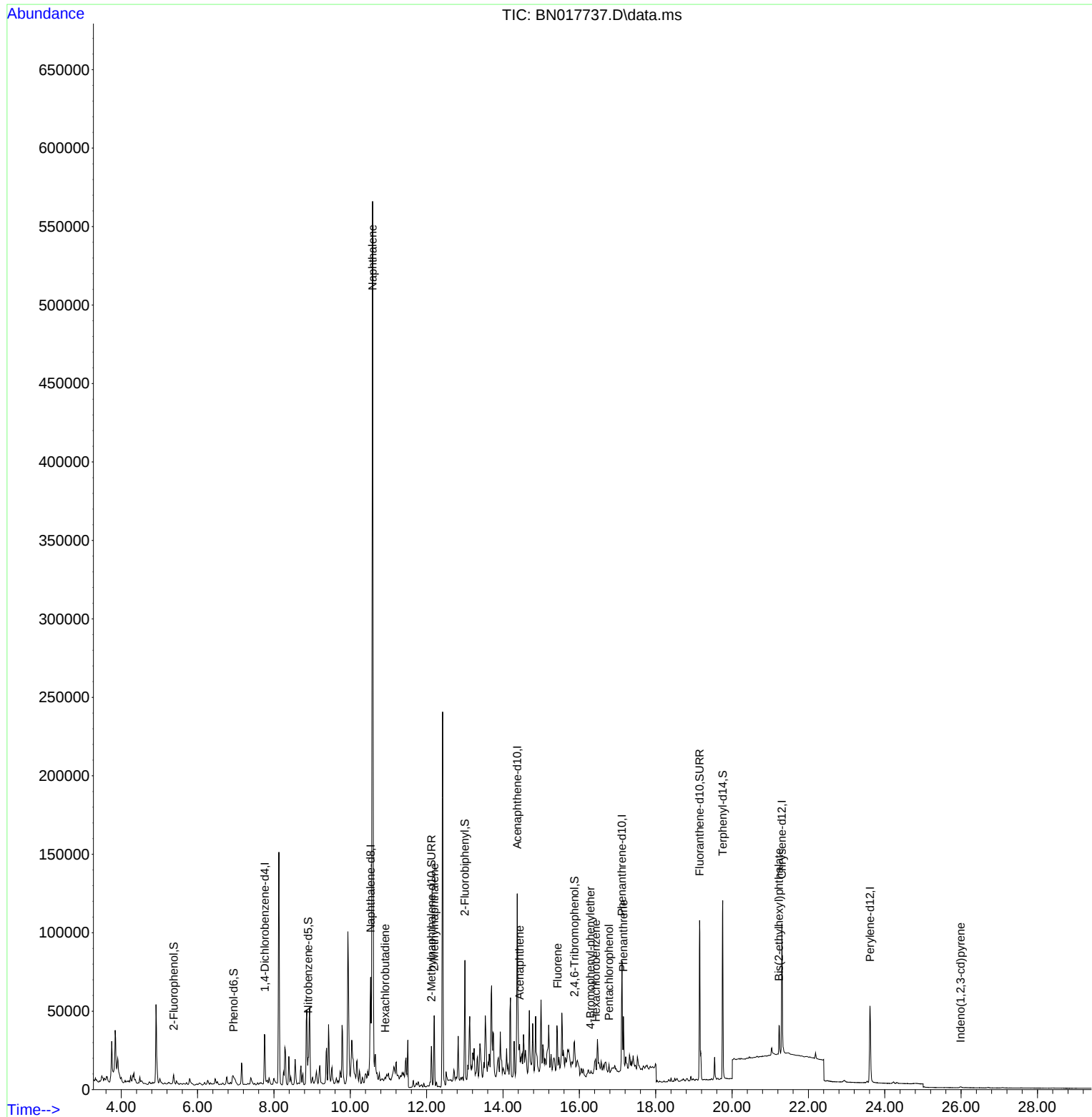
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017737.D
Acq On : 06 Dec 2021 18:43
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

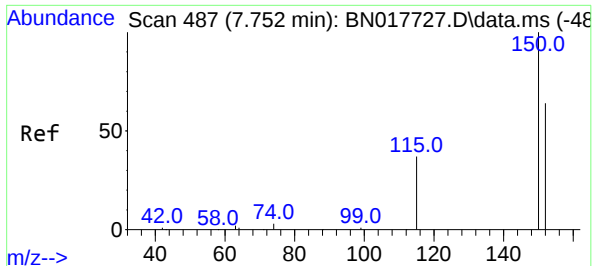
Instrument :
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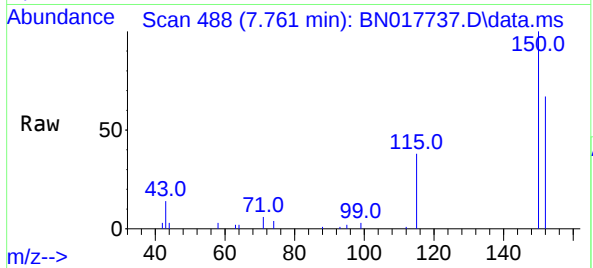
Quant Time: Dec 07 06:52:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 15:58:05 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.761 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

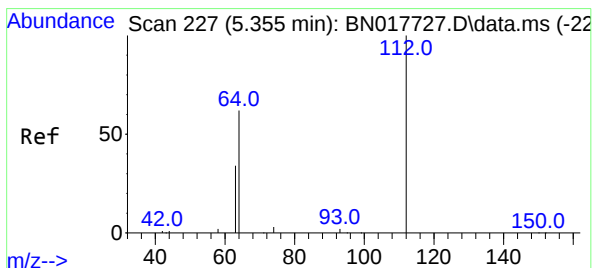
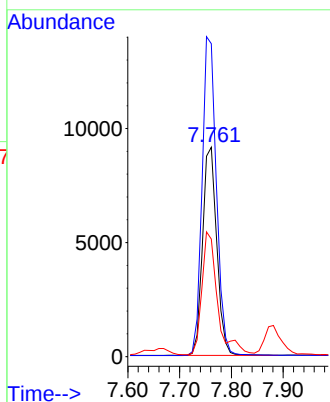
Instrument :
BNA_N
ClientSampleId :
MW-32



Tgt Ion:152 Resp: 1732
Ion Ratio Lower Upper
152 100
150 149.4 123.0 184.4
115 56.2 45.6 68.4

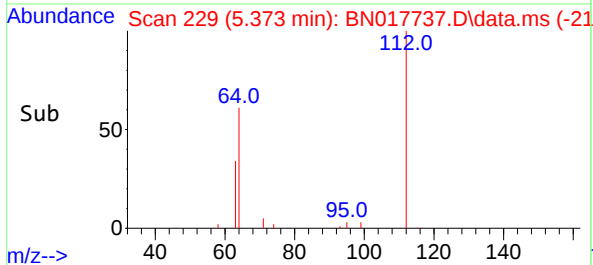
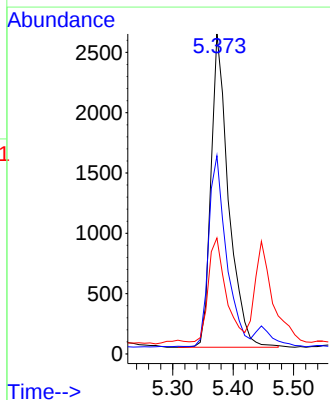
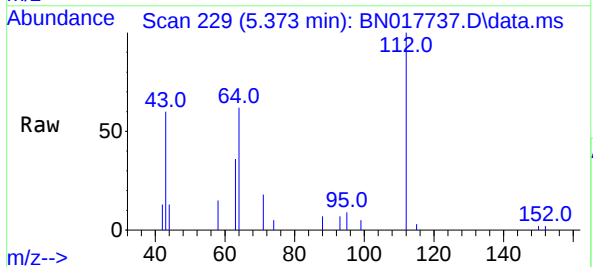
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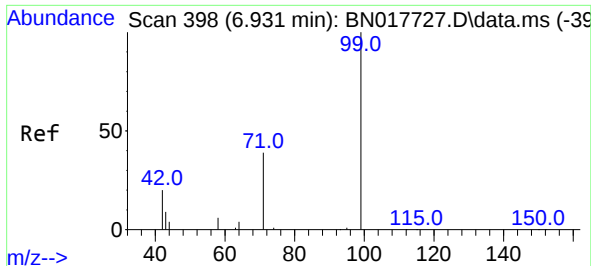
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.373 min Scan# 229
Delta R.T. 0.018 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

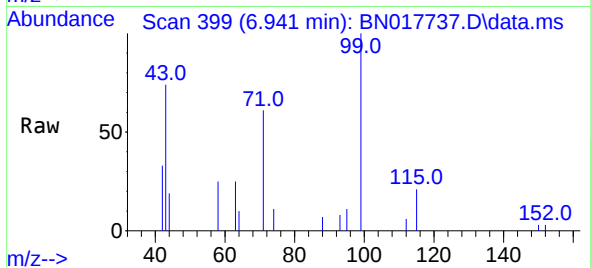
Tgt Ion:112 Resp: 5245
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 33.4 24.6 37.0





#5
Phenol-d6
Concen: 0.09 ng
RT: 6.941 min Scan# 399
Delta R.T. 0.009 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

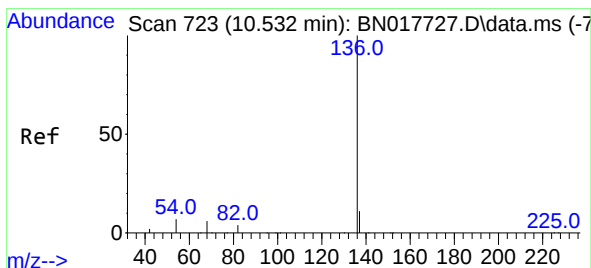
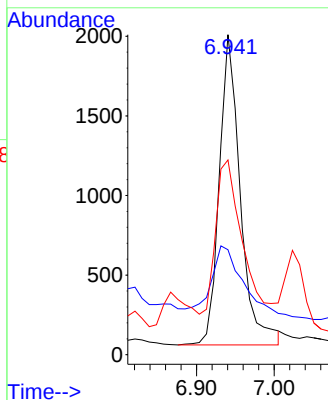
Instrument :
BNA_N
ClientSampleId :
MW-32



Tgt Ion: 99 Resp: 366
Ion Ratio Lower Upper
99 100
42 30.8 17.0 25.6
71 60.1 24.8 37.2

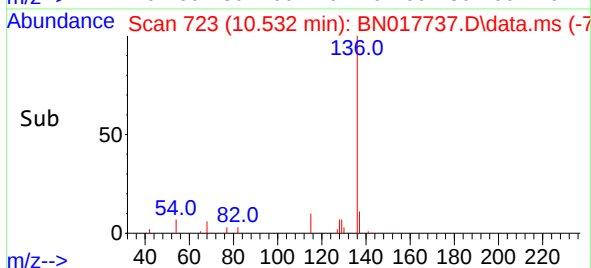
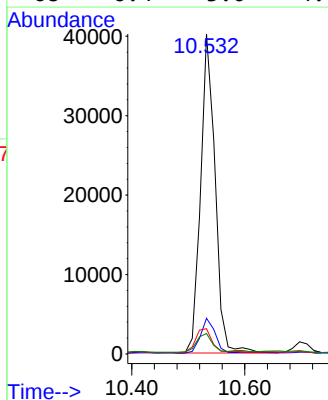
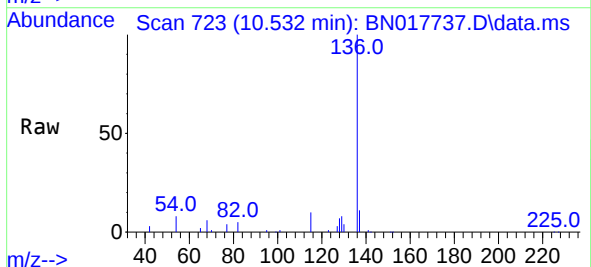
Manual Integrations
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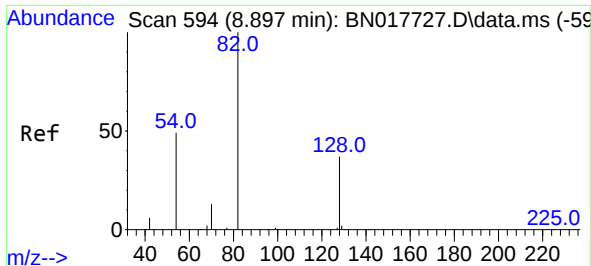
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:136 Resp: 71666
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 4.0 6.0#
68 6.4 3.0 4.6#





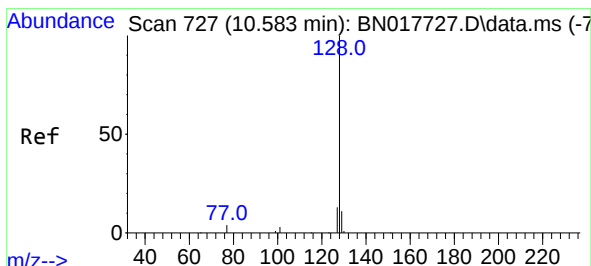
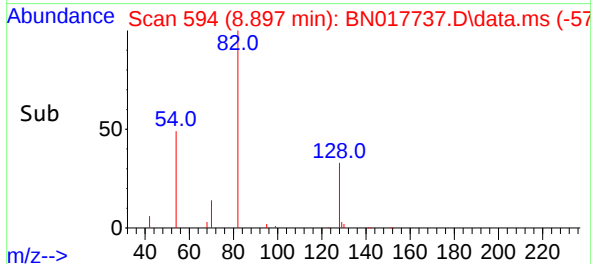
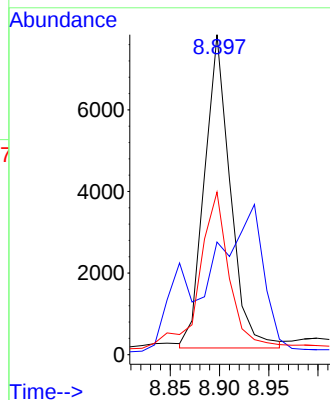
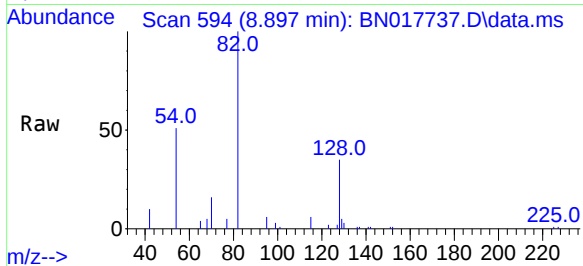
#8
Nitrobenzene-d5
Concen: 0.29 ng m
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Instrument :
BNA_N
ClientSampleId :
MW-32

Tgt Ion: 82 Resp: 14028
Ion Ratio Lower Upper
82 100
128 35.2 27.7 41.5
54 50.8 49.2 73.8

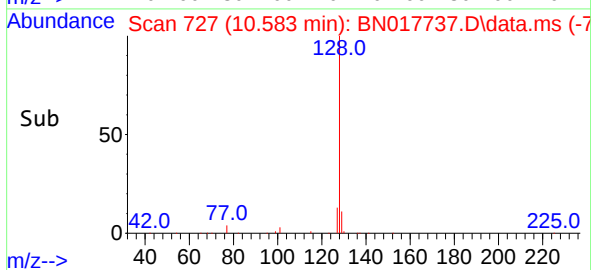
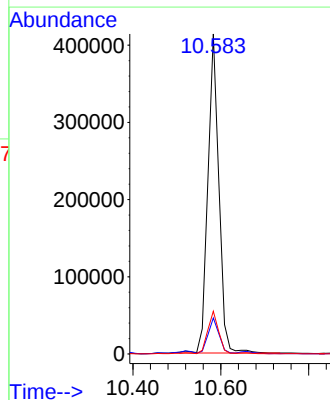
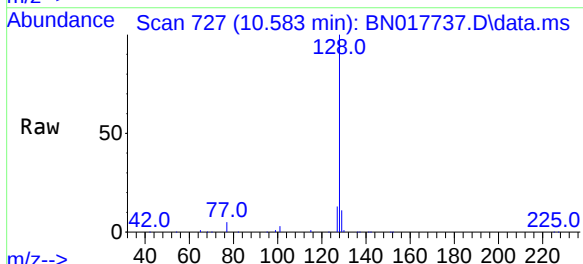
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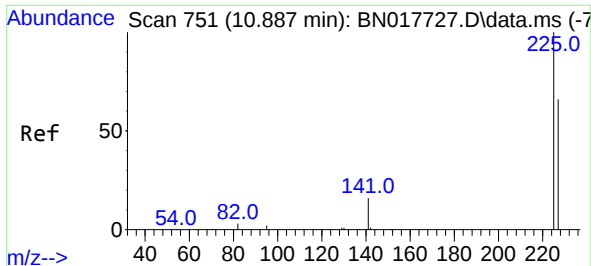
Reviewed By :Jagrut Upadhyay 12/07/2021
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#9
Naphthalene
Concen: 4.03 ng
RT: 10.583 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

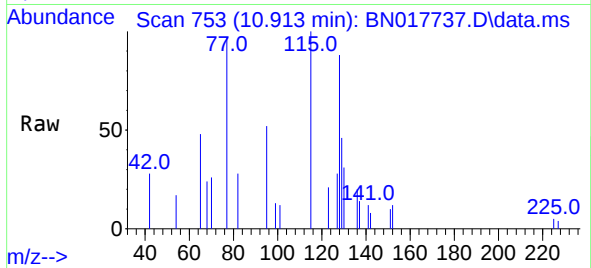
Tgt Ion:128 Resp: 716768
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 15.8





#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.913 min Scan# 753
Delta R.T. 0.025 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

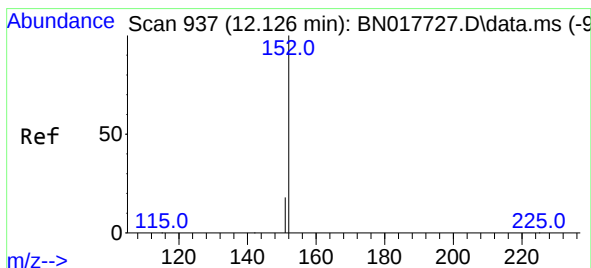
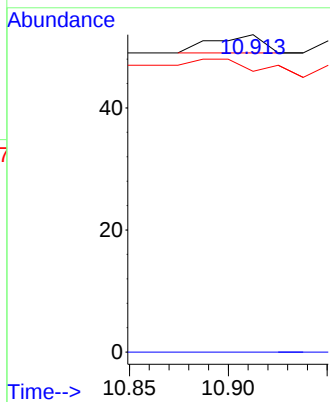
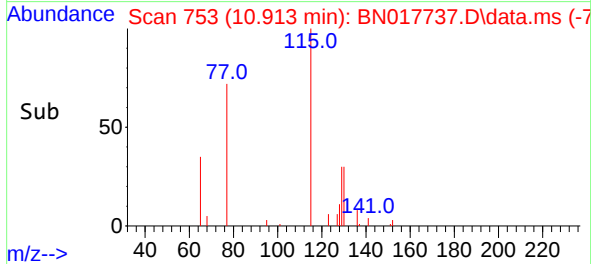
Instrument :
BNA_N
ClientSampleId :
MW-32



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

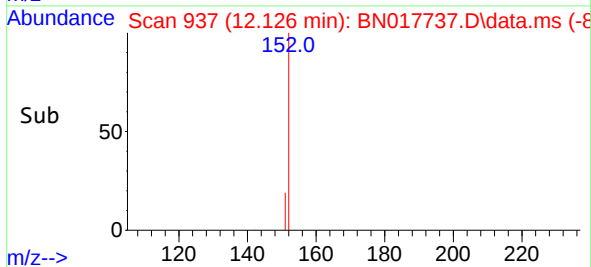
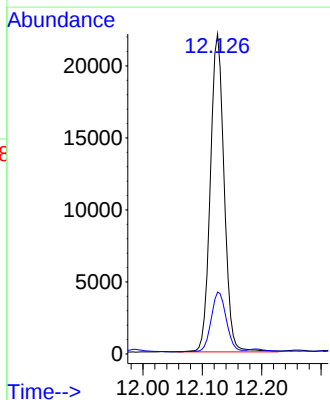
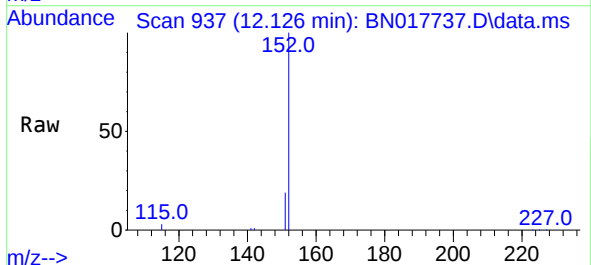
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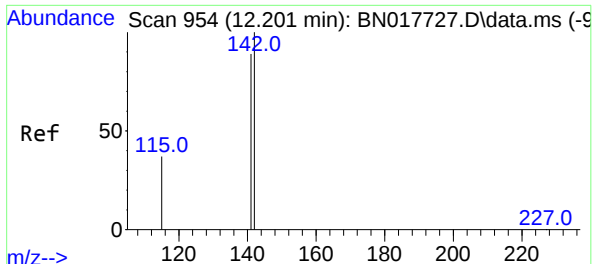
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.126 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:152 Resp: 35656
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.26 ng

RT: 12.197 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017737.D

Acq: 06 Dec 2021 18:43

Instrument :

BNA_N

ClientSampleId :

MW-32

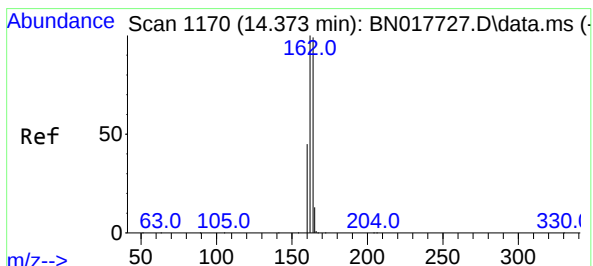
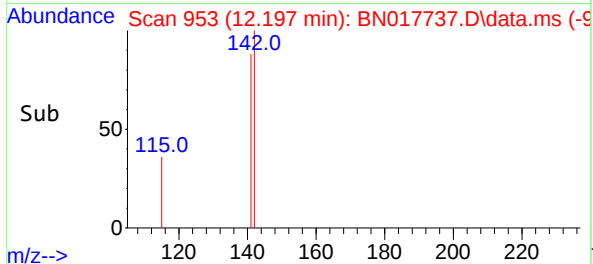
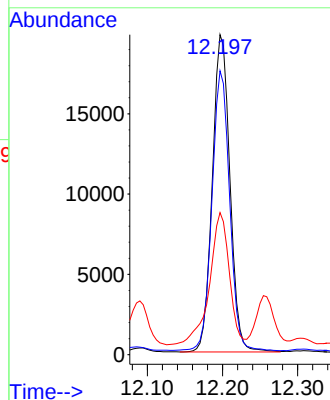
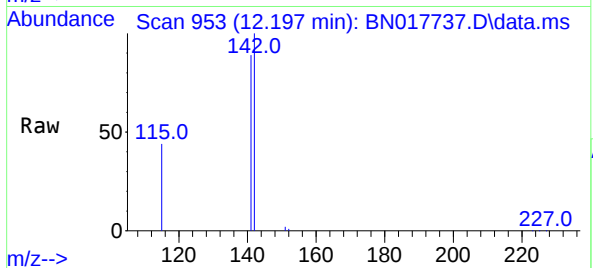
Tgt Ion:142 Resp: 32154

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	106.0
115	44.4	25.8	38.6

Manual Integrations

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Supervised By :Sohil Jodhani 12/10/2021



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.373 min Scan# 1170

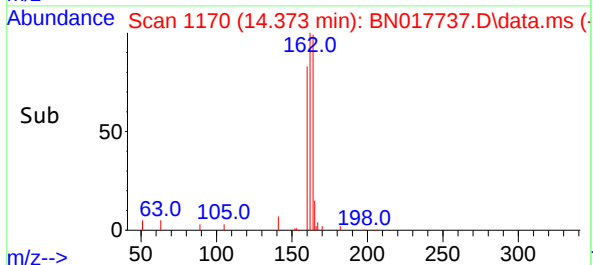
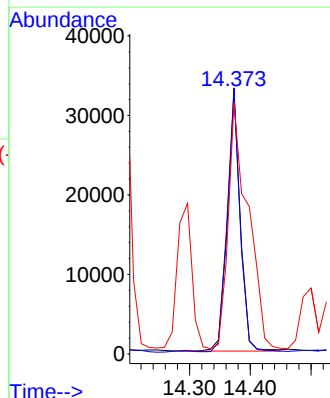
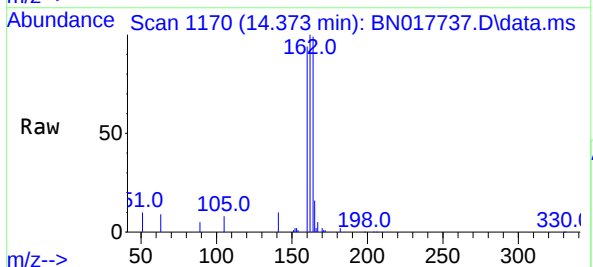
Delta R.T. -0.000 min

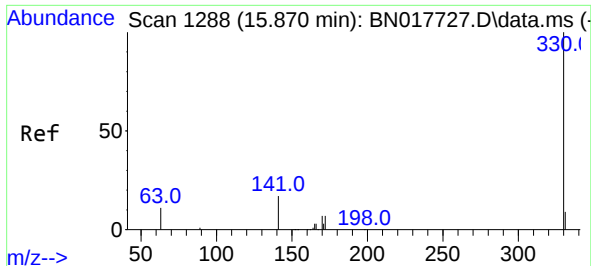
Lab File: BN017737.D

Acq: 06 Dec 2021 18:43

Tgt Ion:164 Resp: 48025

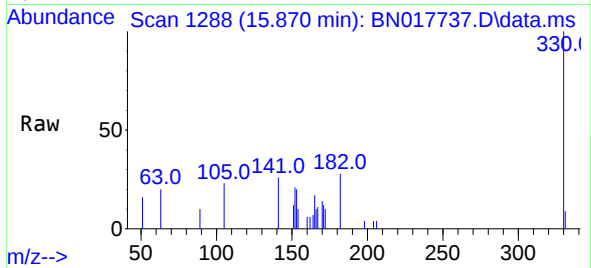
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.2
160	95.3	36.8	55.2





#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

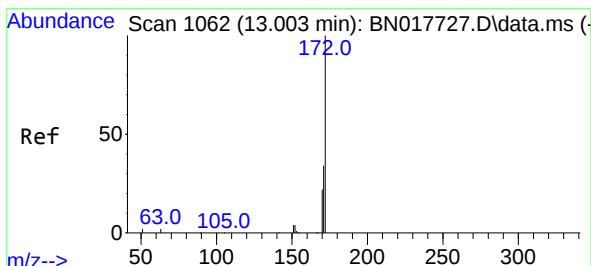
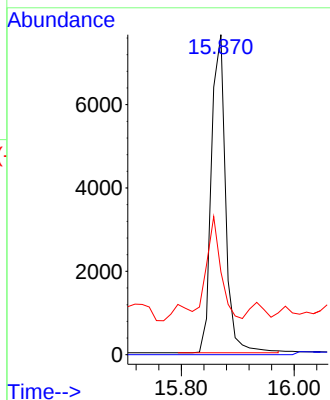
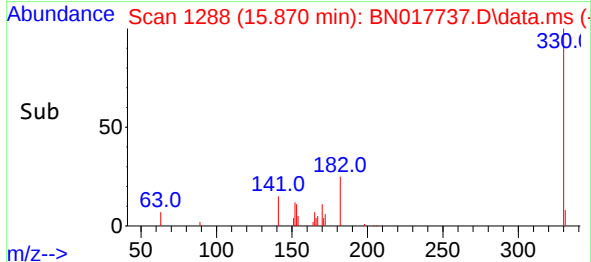
Instrument :
BNA_N
ClientSampleId :
MW-32



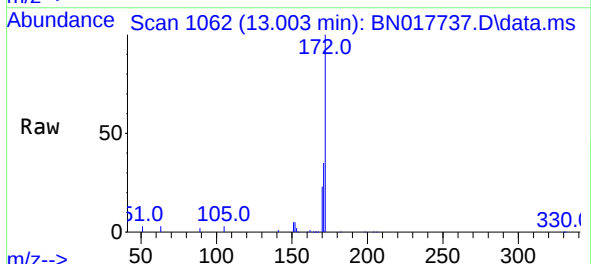
Tgt Ion: 330 Resp: 13320
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.6 28.9 43.3

Manual Integrations
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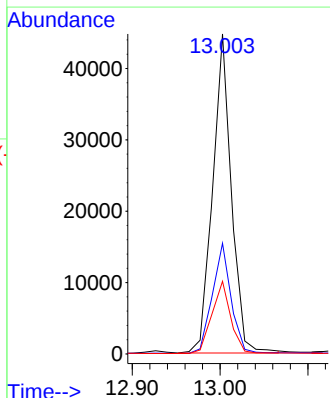
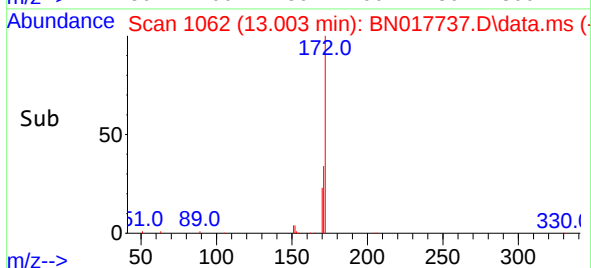
Reviewed By : Jagrut Upadhyay 12/07/2021
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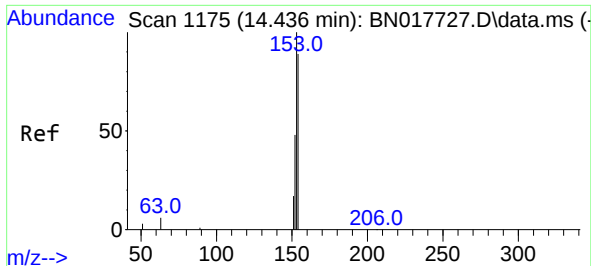


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.003 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43



Tgt Ion: 172 Resp: 66289
Ion Ratio Lower Upper
172 100
171 34.6 28.7 43.1
170 22.7 19.4 29.2





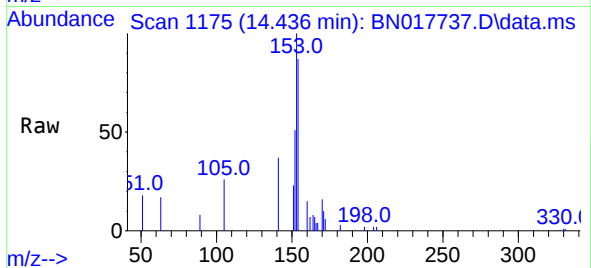
#17
Acenaphthene
Concen: 0.07 ng
RT: 14.436 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Instrument :

BN017737.D

ClientSampleId :

MW-32

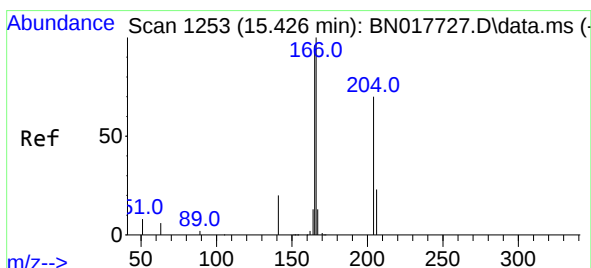
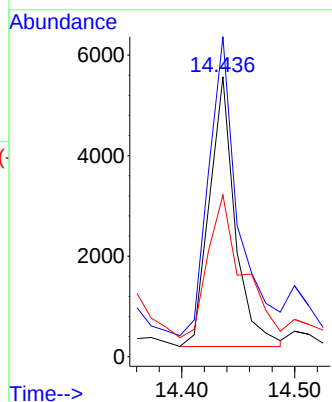


Tgt Ion:154 Resp: 845
Ion Ratio Lower Upper
154 100
153 126.8 91.2 136.8
152 80.3 44.3 66.5

Manual Integrations

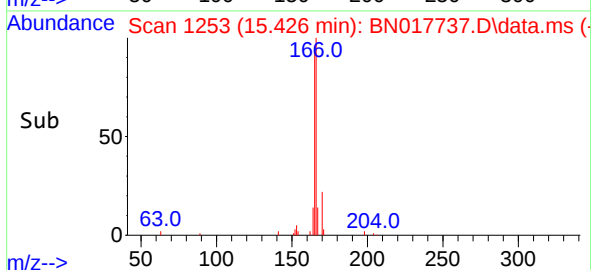
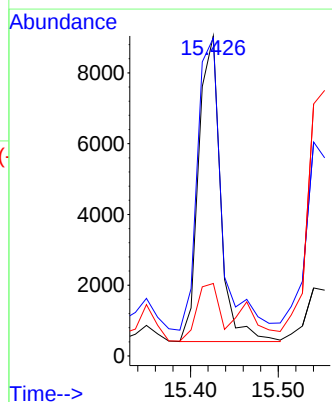
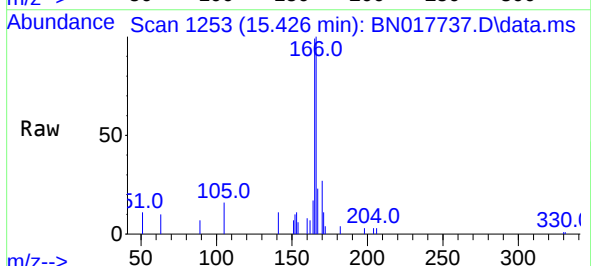
APPROVED

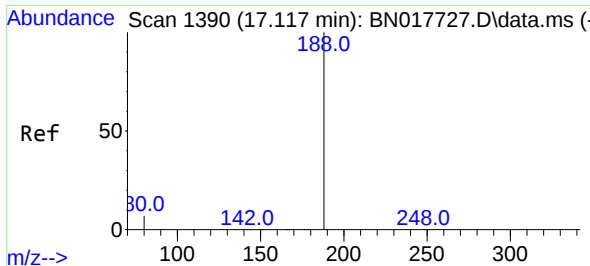
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#18
Fluorene
Concen: 0.09 ng
RT: 15.426 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

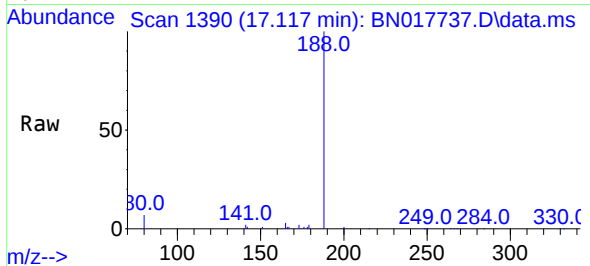
Tgt Ion:166 Resp: 14970
Ion Ratio Lower Upper
166 100
165 104.9 77.9 116.9
167 22.8 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

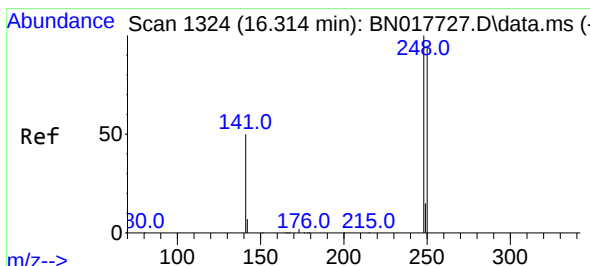
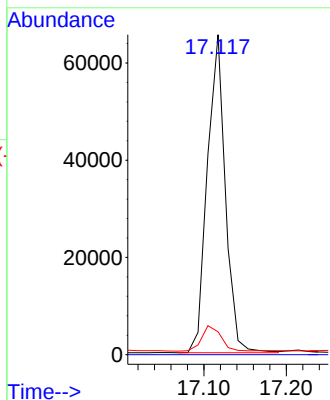
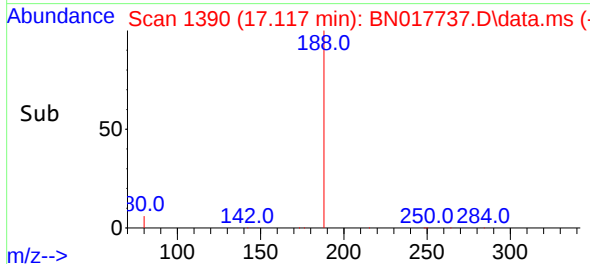
Instrument :
BNA_N
ClientSampleId :
MW-32



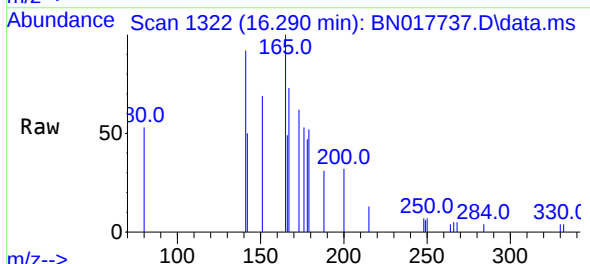
Tgt Ion:188 Resp: 9954
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.1 9.1

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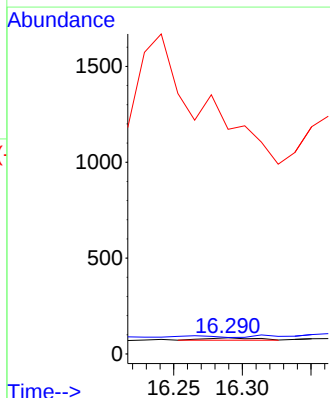
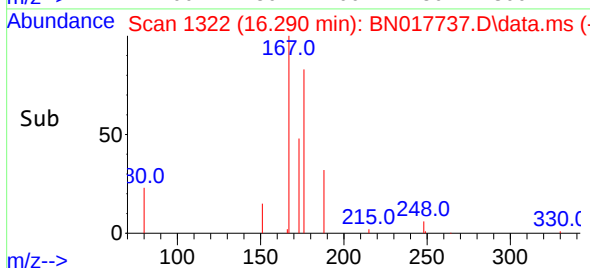
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

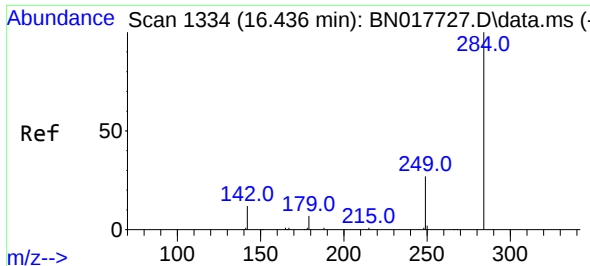


#21
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.290 min Scan# 1322
Delta R.T. -0.024 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43



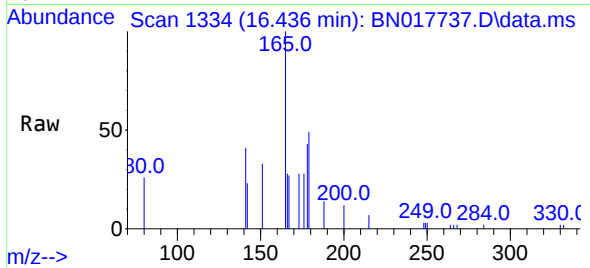
Tgt Ion:248 Resp: 31
Ion Ratio Lower Upper
248 100
250 102.4 71.8 107.8
141 1395.2 70.9 106.3#





#22
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.436 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

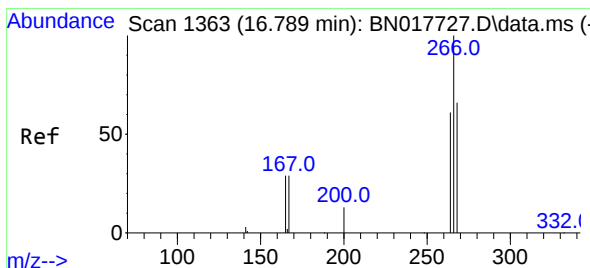
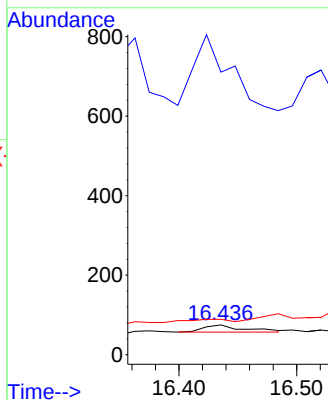
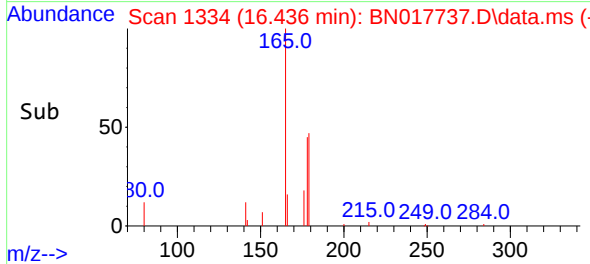
Instrument :
BNA_N
ClientSampleId :
MW-32



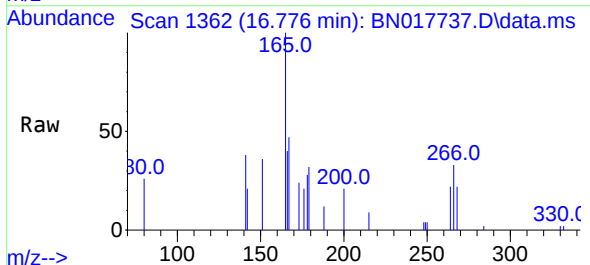
Tgt Ion:284 Resp: 43
Ion Ratio Lower Upper
284 100
142 923.3 28.2 42.2
249 46.5 24.4 36.6

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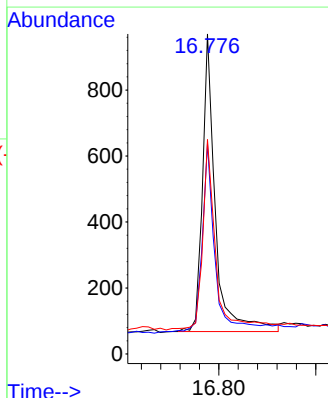
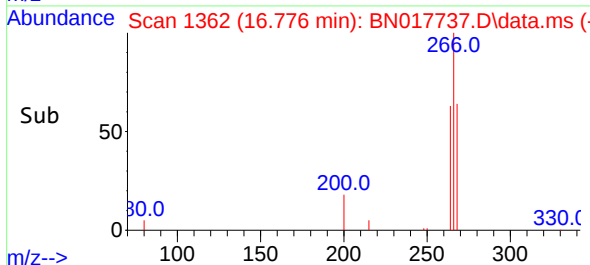
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

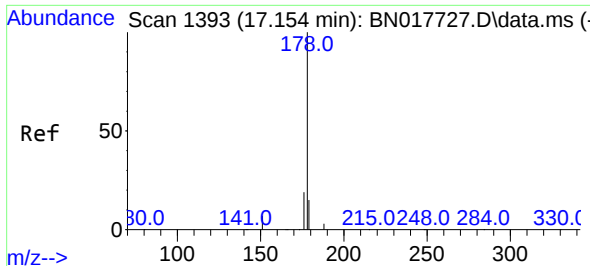


#24
Pentachlorophenol
Concen: 0.27 ng
RT: 16.776 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43



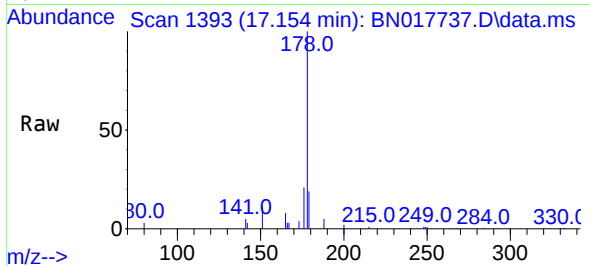
Tgt Ion:266 Resp: 1682
Ion Ratio Lower Upper
266 100
264 59.4 49.8 74.8
268 62.3 51.3 76.9





#25
Phenanthrene
Concen: 0.14 ng
RT: 17.154 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

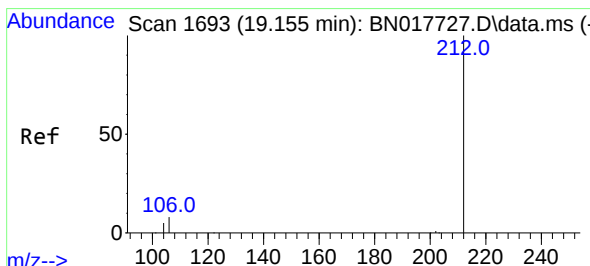
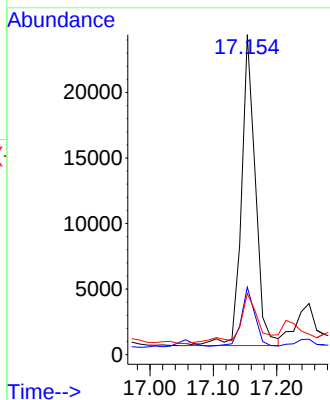
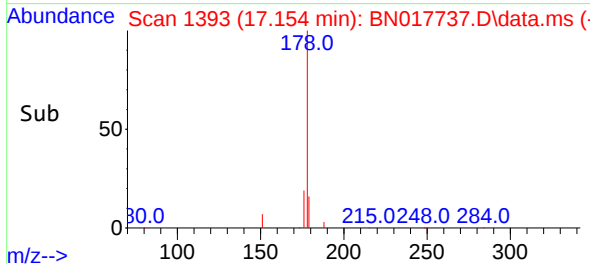
Instrument :
BNA_N
ClientSampleId :
MW-32



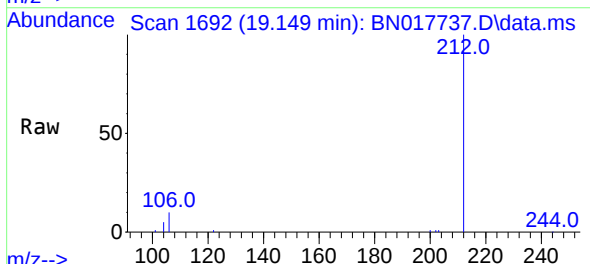
Tgt Ion:178 Resp: 36318
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 21.4 12.3 18.5

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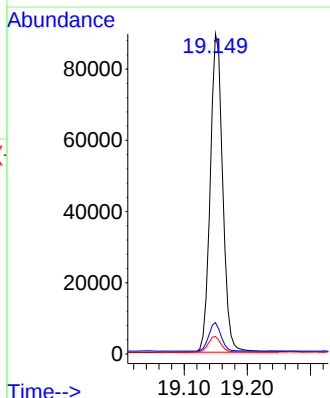
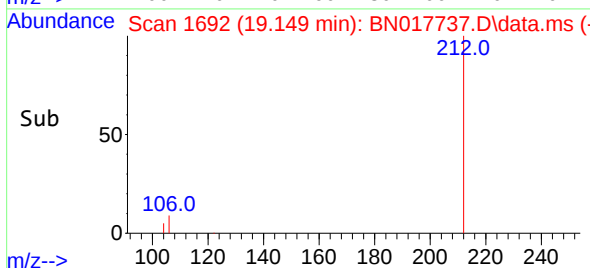
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

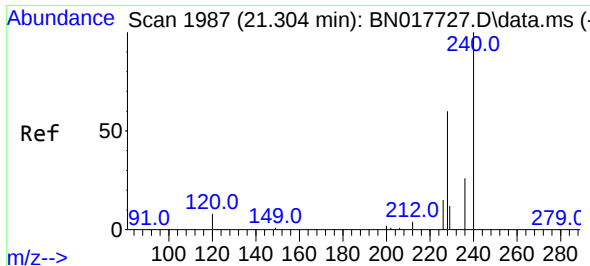


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.149 min Scan# 1692
Delta R.T. -0.005 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43



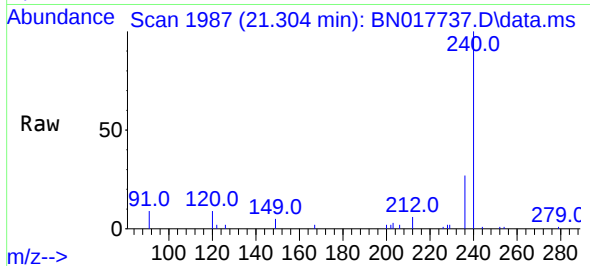
Tgt Ion:212 Resp: 123106
Ion Ratio Lower Upper
212 100
106 8.8 10.5 15.7#
104 5.0 5.8 8.6#





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.304 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

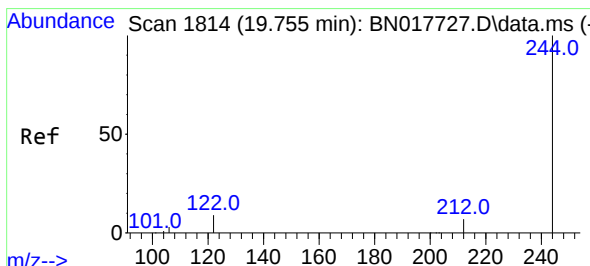
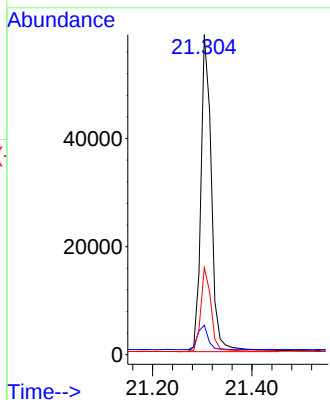
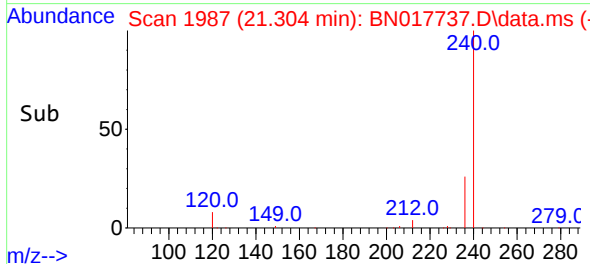
Instrument :
BNA_N
ClientSampleId :
MW-32



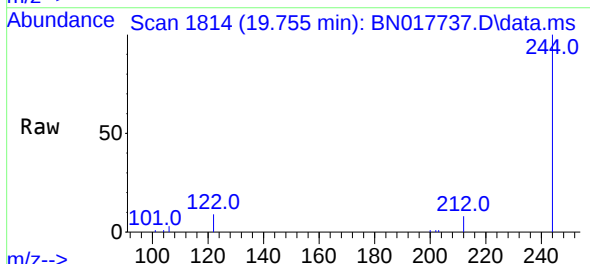
Tgt Ion:240 Resp: 8664
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2
236 27.2 20.0 30.0

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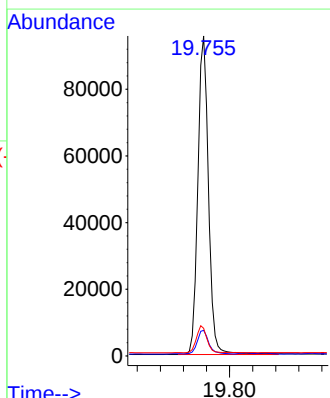
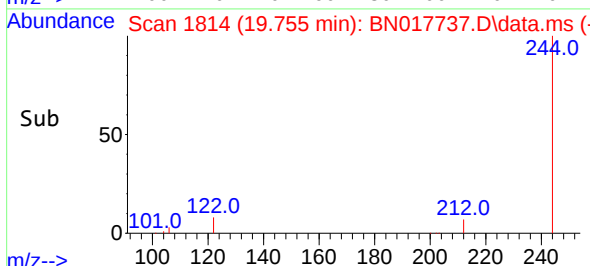
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

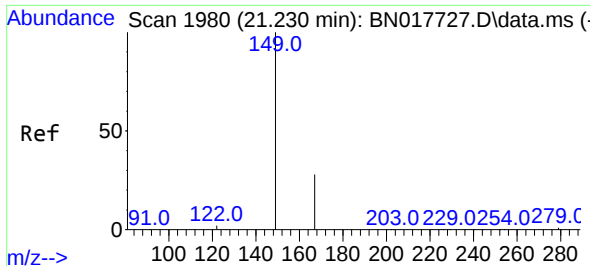


#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43



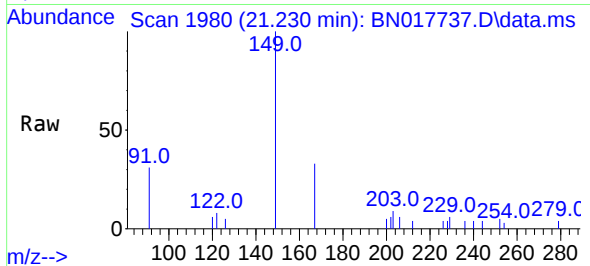
Tgt Ion:244 Resp: 122872
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 8.7 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.230 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

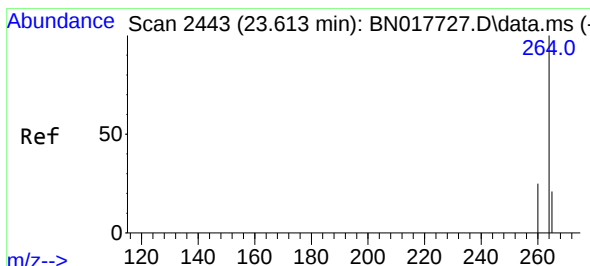
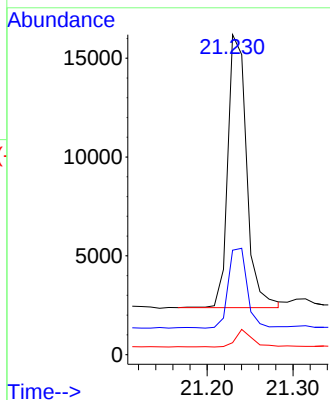
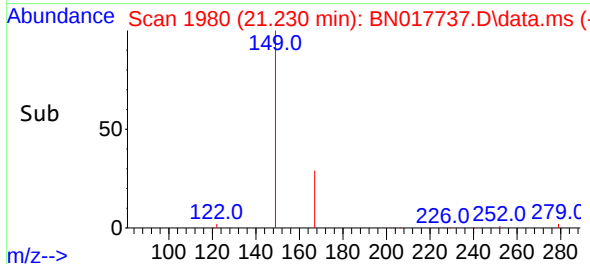
Instrument :
BNA_N
ClientSampleId :
MW-32



Tgt Ion:149 Resp: 20997
Ion Ratio Lower Upper
149 100
167 29.3 21.8 32.6
279 5.5 3.4 5.0

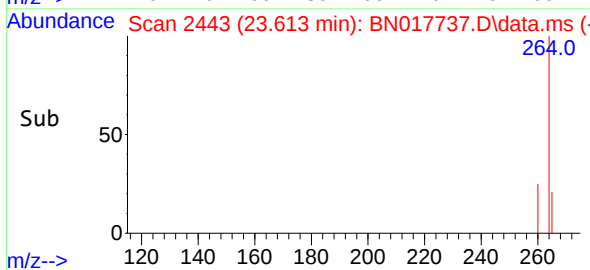
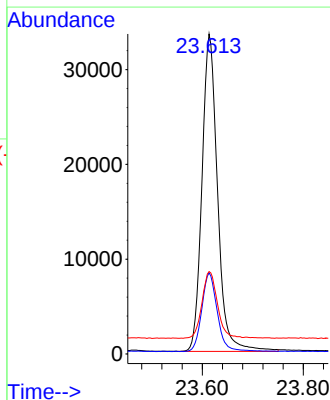
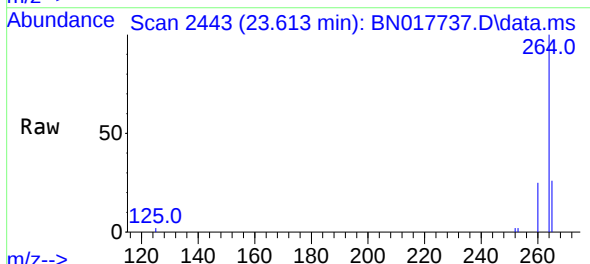
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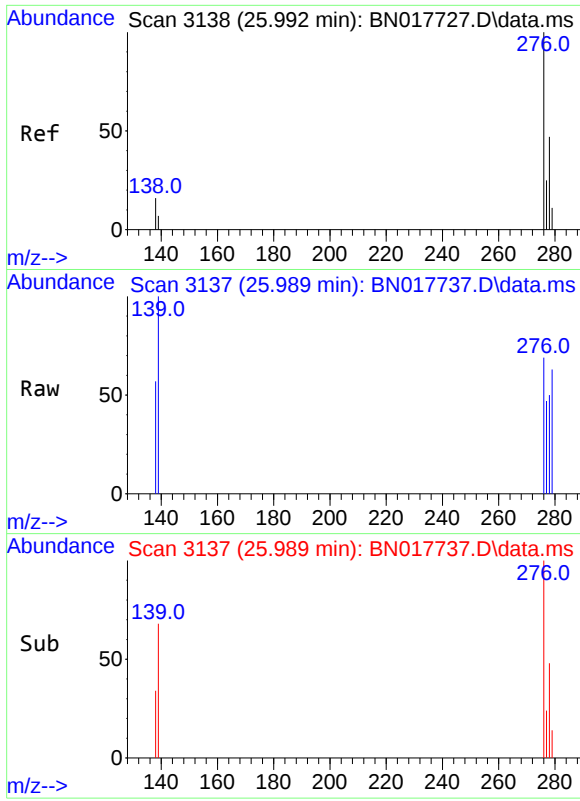
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.613 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Tgt Ion:264 Resp: 71699
Ion Ratio Lower Upper
264 100
260 25.3 19.4 29.2
265 25.8 18.6 28.0





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.989 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN017737.D
Acq: 06 Dec 2021 18:43

Instrument :
BNA_N
ClientSampleId :
MW-32

Tgt Ion: 276 Resp: 55
Ion Ratio Lower Upper
276 100
138 60.8 19.7 29.5
277 16.1 20.0 30.0

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

