

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052722\
 Data File : BN019990.D
 Acq On : 27 May 2022 16:42
 Operator : CG/JU
 Sample : PB145157BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB145157BL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/28/2022
 Supervised By :Jagrut Upadhyay 05/31/2022

Quant Time: May 28 04:37:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 07:42:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3255	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	11085	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	6901	0.400	ng	0.01
19) Phenanthrene-d10	17.215	188	13964	0.400	ng	0.01
29) Chrysene-d12	21.396	240	7831	0.400	ng	0.00
35) Perylene-d12	23.741	264	6839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2930	0.360	ng	0.00
5) Phenol-d6	7.024	99	3189	0.313	ng	0.01
8) Nitrobenzene-d5	9.003	82	2240m	0.268	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	6087	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	362	0.133	ng	0.01
15) 2-Fluorobiphenyl	13.095	172	8261	0.274	ng	0.00
27) Fluoranthene-d10	19.244	212	10895	0.275	ng	0.00
31) Terphenyl-d14	19.839	244	7276	0.394	ng	0.00

Target Compounds Qvalue

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

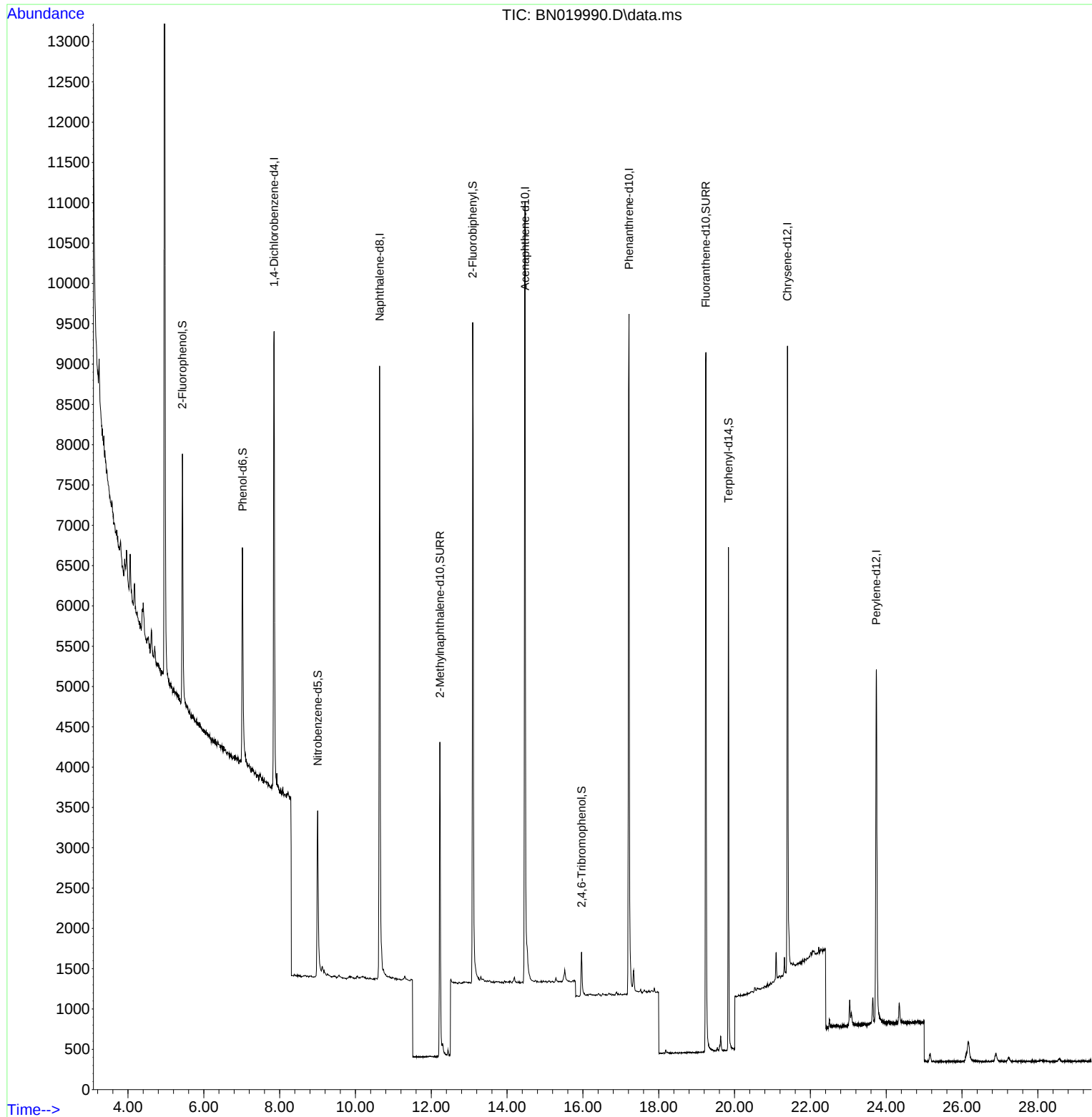
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Data File : BN019990.D
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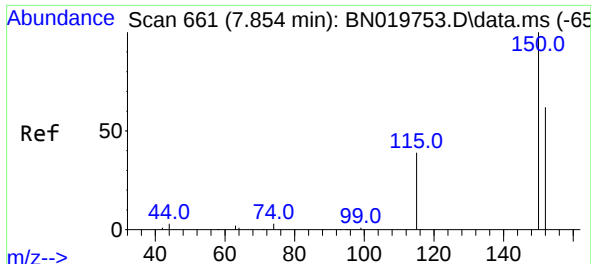
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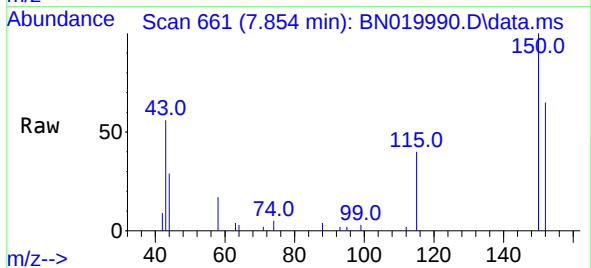
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.007 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

Instrument :

BNA_N

ClientSampleId :

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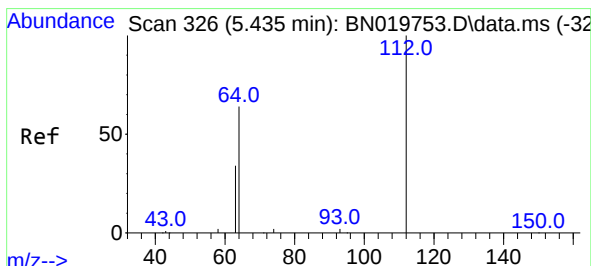
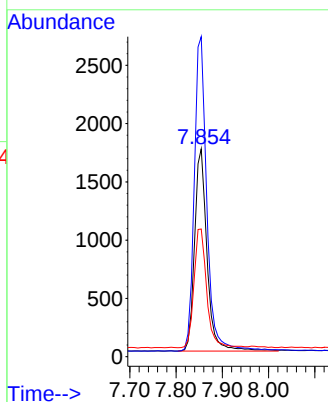
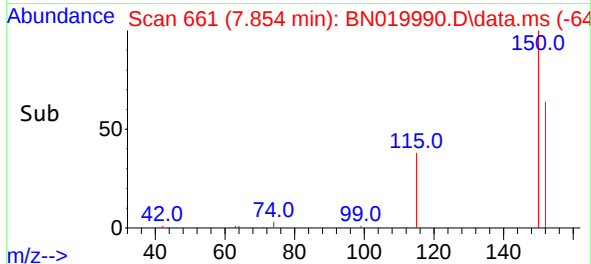


Tgt Ion:152 Resp: 325
Ion Ratio Lower Upper
152 100
150 153.9 127.9 191.9
115 61.4 51.4 77.2

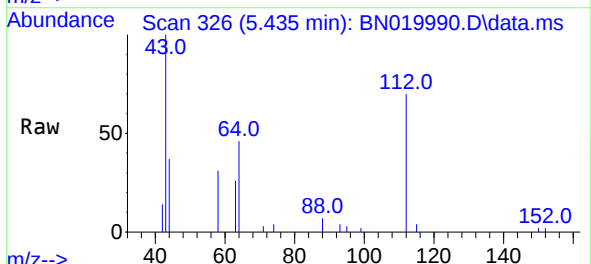
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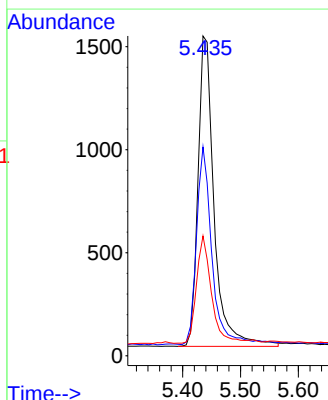
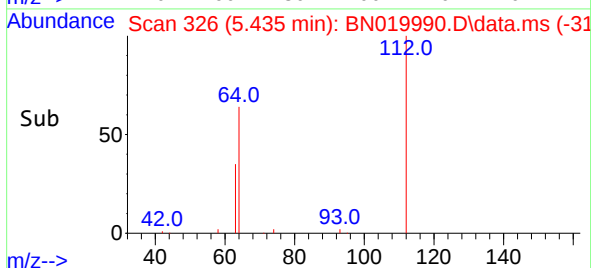
Reviewed By :Christian Giraldo 05/28/2022
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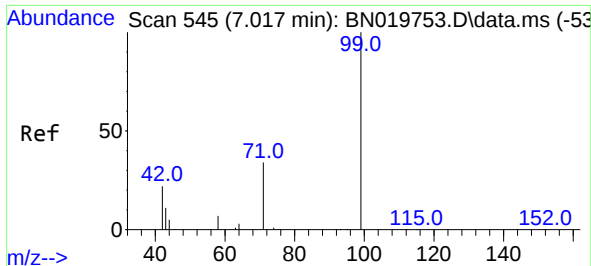


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.000 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42



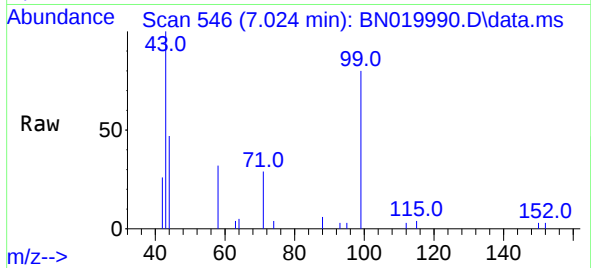
Tgt Ion:112 Resp: 2930
Ion Ratio Lower Upper
112 100
64 59.8 49.1 73.7
63 31.9 26.3 39.5





#5
Phenol-d6
Concen: 0.313 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.014 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

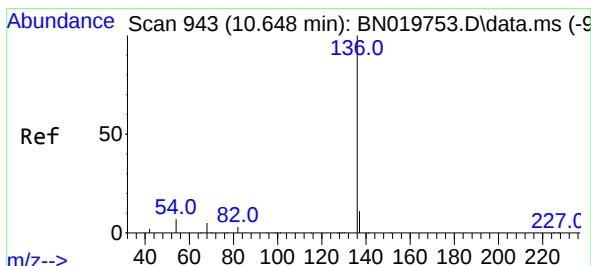
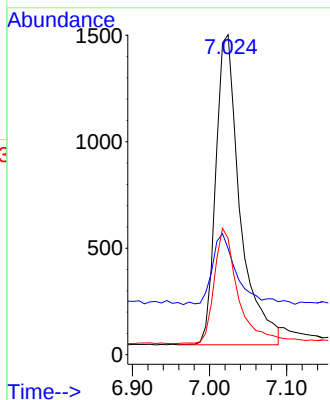
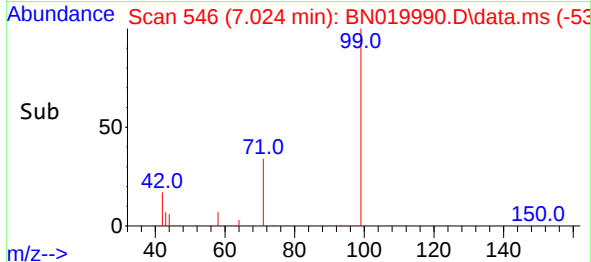
Instrument :
BNA_N
ClientSampleId :
PB145157BL



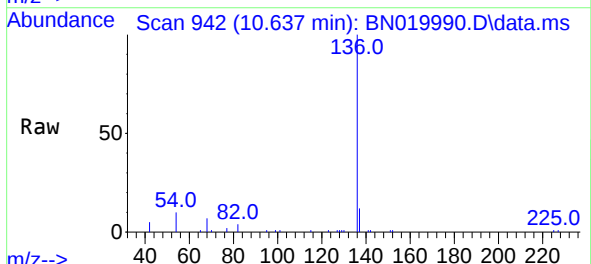
Tgt Ion: 99 Resp: 3189
Ion Ratio Lower Upper
99 100
42 22.8 19.3 28.9
71 36.0 27.5 41.3

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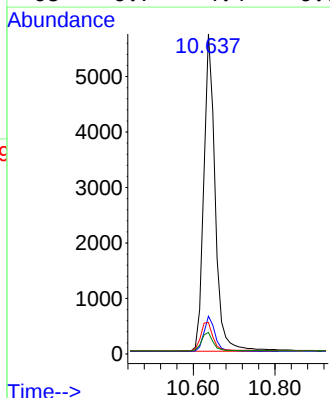
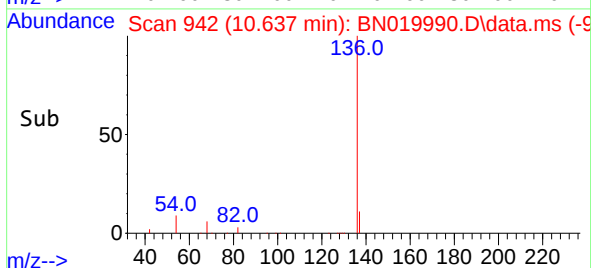
Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

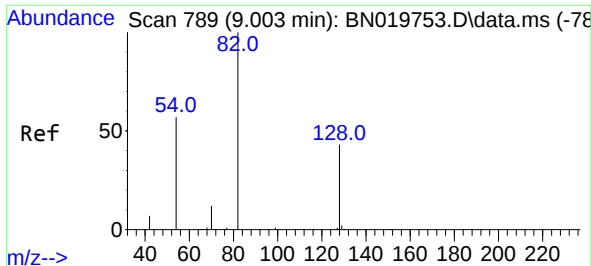


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42



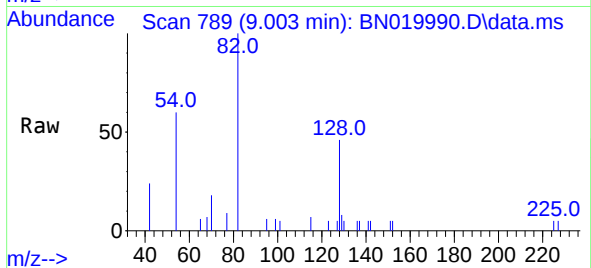
Tgt Ion:136 Resp: 11085
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.8 6.2 9.2#
68 6.7 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.268 ng m
RT: 9.003 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

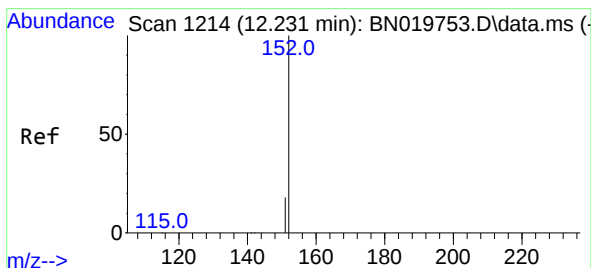
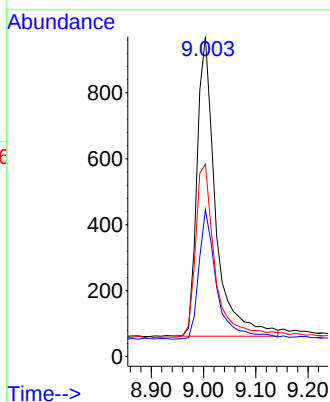
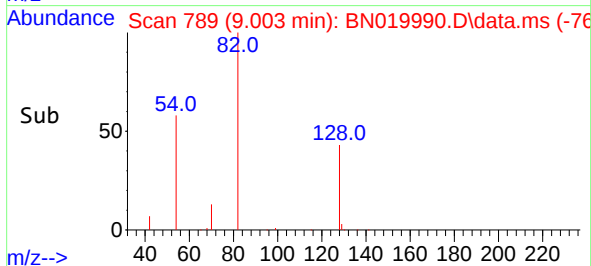
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Tgt Ion: 82 Resp: 2240
Ion Ratio Lower Upper
82 100
128 46.0 35.0 52.6
54 60.2 46.2 69.4

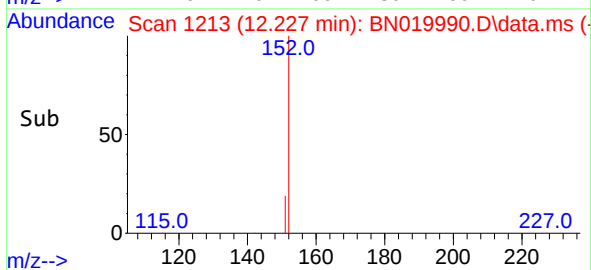
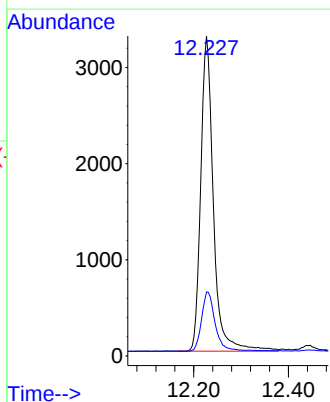
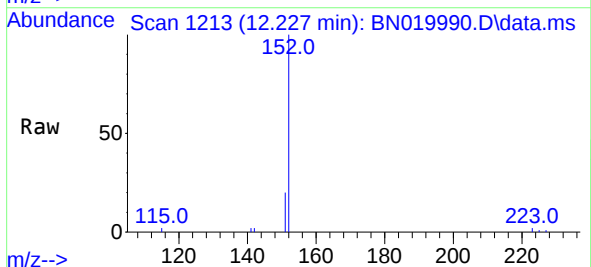
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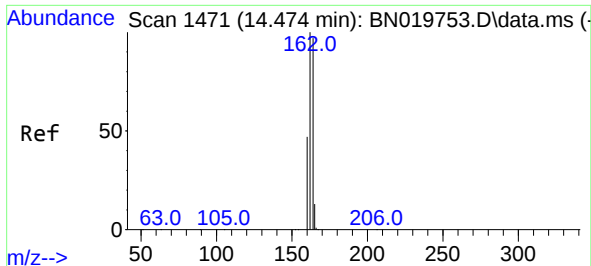
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#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.227 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

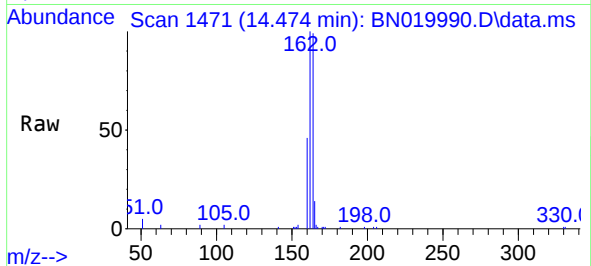
Tgt Ion:152 Resp: 6087
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.011 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

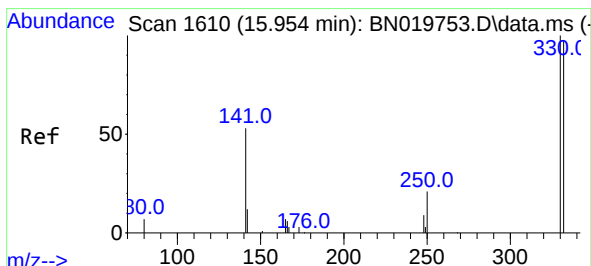
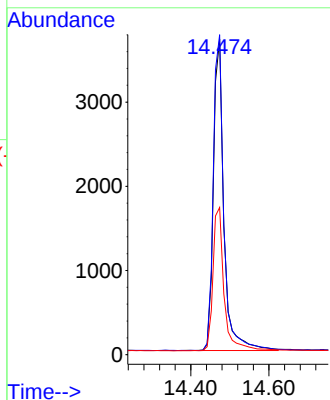
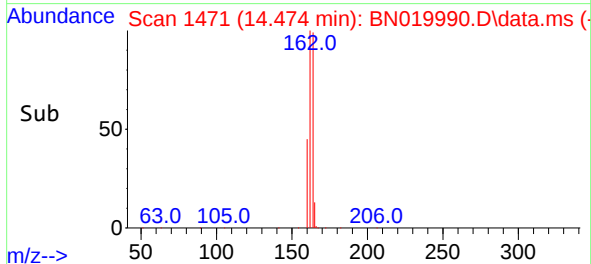
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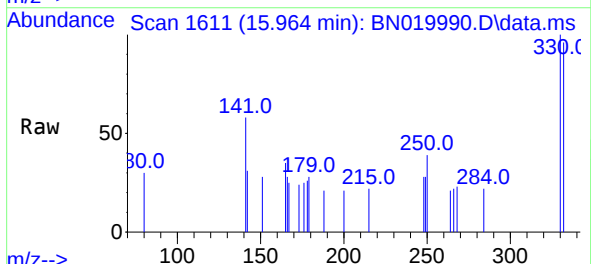
Tgt Ion:164 Resp: 690
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 46.7 38.6 58.0

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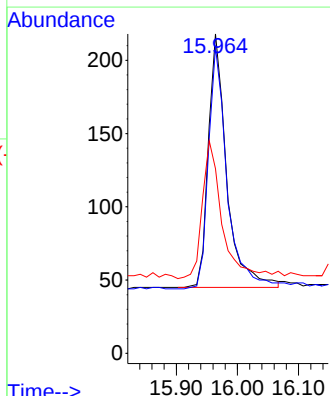
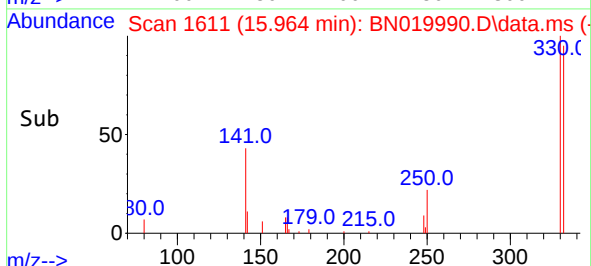
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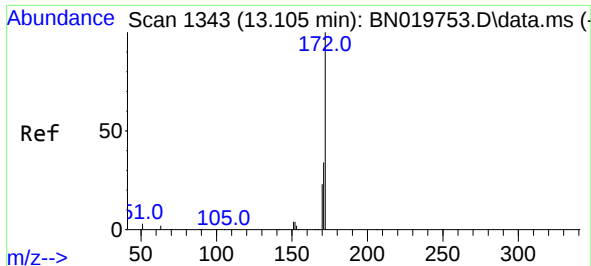


#14
2,4,6-Tribromophenol
Concen: 0.133 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.010 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42



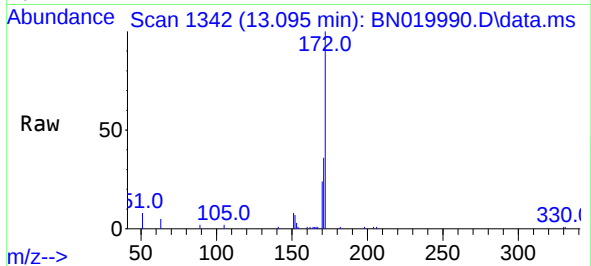
Tgt Ion:330 Resp: 362
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 59.4 41.0 61.4





#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 13.095 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

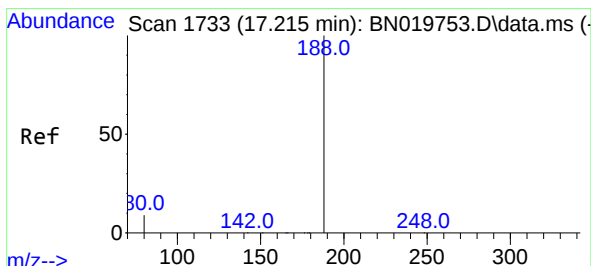
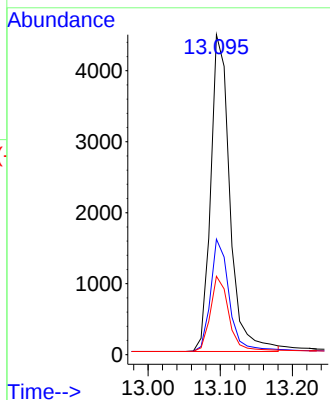
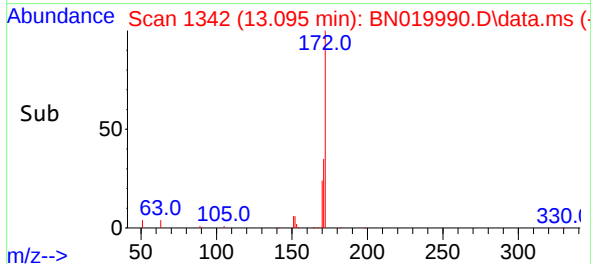
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Tgt Ion:172 Resp: 826
Ion Ratio Lower Upper
172 100
171 36.1 27.2 40.8
170 24.5 18.2 27.4

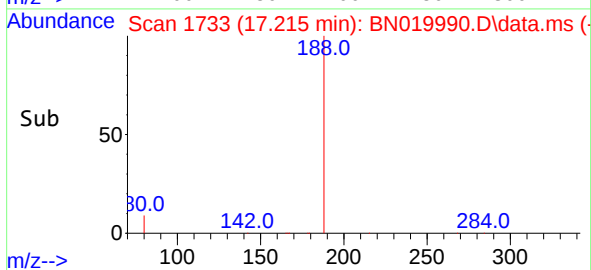
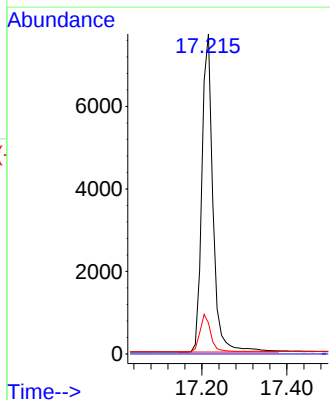
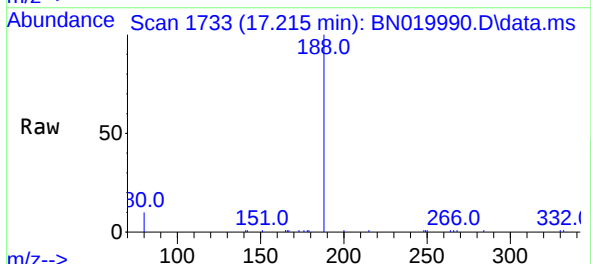
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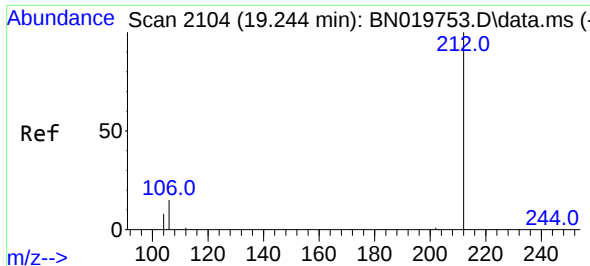
Reviewed By :Christian Giraldo 05/28/2022
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.010 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

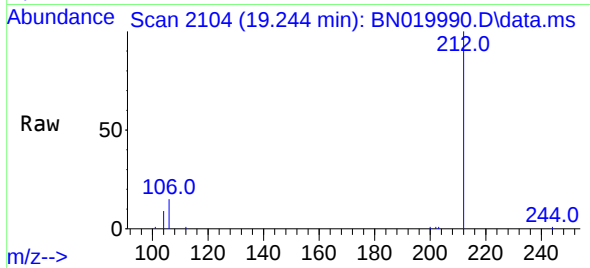
Tgt Ion:188 Resp: 13964
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.4 11.2





#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.244 min Scan# 2104
Delta R.T. 0.004 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

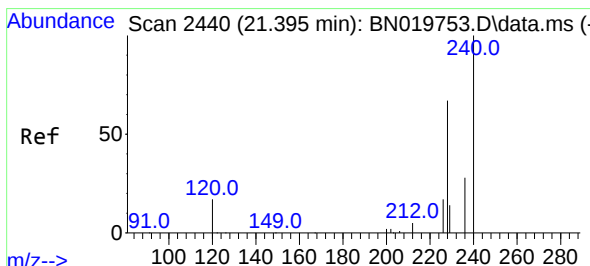
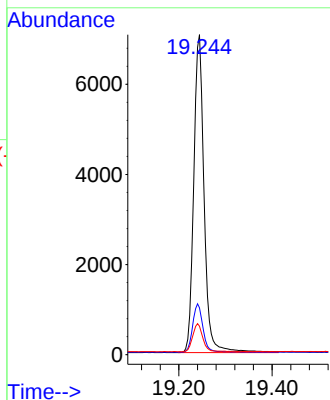
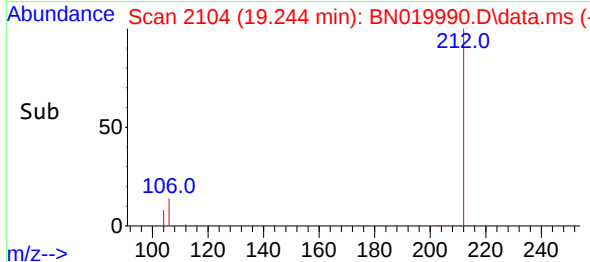
Instrument :
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Tgt Ion: 212 Resp: 1089
Ion Ratio Lower Upper
212 100
106 15.1 12.6 19.0
104 8.5 7.2 10.8

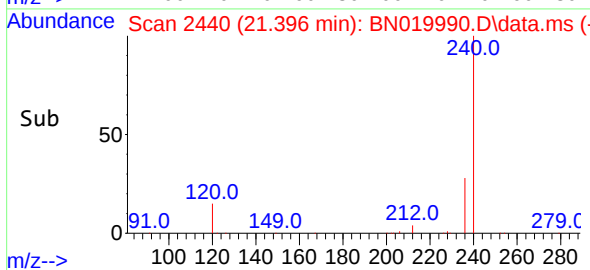
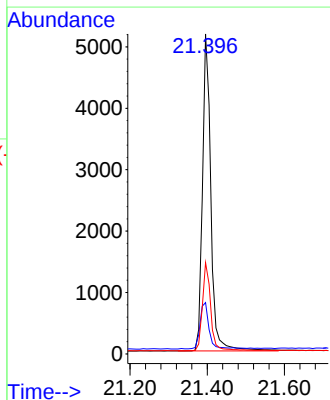
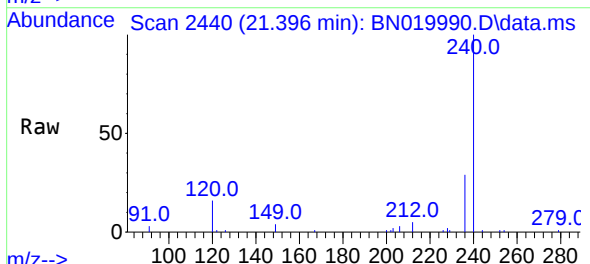
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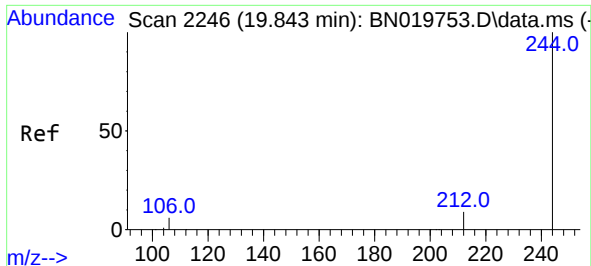
Reviewed By : Christian Giraldo 05/28/2022
Supervised By : Jagrut Upadhyay 05/31/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.396 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

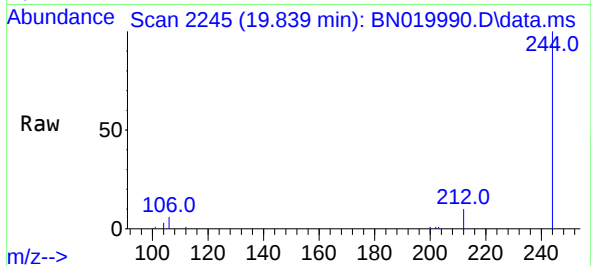
Tgt Ion: 240 Resp: 7831
Ion Ratio Lower Upper
240 100
120 16.0 14.6 21.8
236 28.6 22.6 33.8





#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.839 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

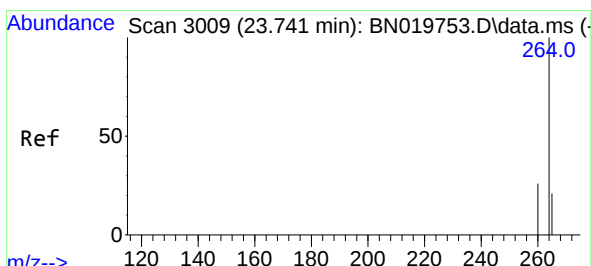
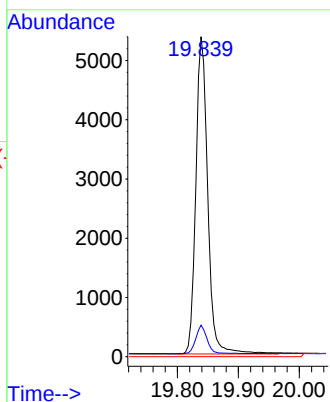
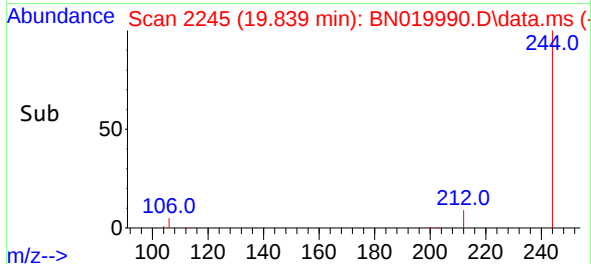
Instrument :
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Tgt Ion:244 Resp: 7270
Ion Ratio Lower Upper
244 100
212 9.9 7.1 10.7
122 0.0 0.0 0.0

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Supervised By :Jagrut Upadhyay 05/31/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BN019990.D
Acq: 27 May 2022 16:42

Tgt Ion:264 Resp: 6839
Ion Ratio Lower Upper
264 100
260 26.3 20.9 31.3
265 32.3 28.0 42.0

