

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021530.D
 Acq On : 01 Sep 2022 18:01
 Operator : CG/JU
 Sample : N4360-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20220824

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 00:59:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4077	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	12817	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	6847	0.400	ng	0.01
19) Phenanthrene-d10	17.470	188	14993	0.400	ng	# 0.00
29) Chrysene-d12	21.664	240	9541	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	4719	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1203	0.151	ng	0.00
5) Phenol-d6	7.224	99	871	0.086	ng	0.00
8) Nitrobenzene-d5	9.243	82	2802m	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	10772	0.373	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	725	0.322	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	12184	0.407	ng	0.00
27) Fluoranthene-d10	19.501	212	15848	0.411	ng	0.00
31) Terphenyl-d14	20.097	244	12000	0.560	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	1348	0.264	ng	95
34) Bis(2-ethylhexyl)phtha...	21.557	149	884	0.066	ng	98

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

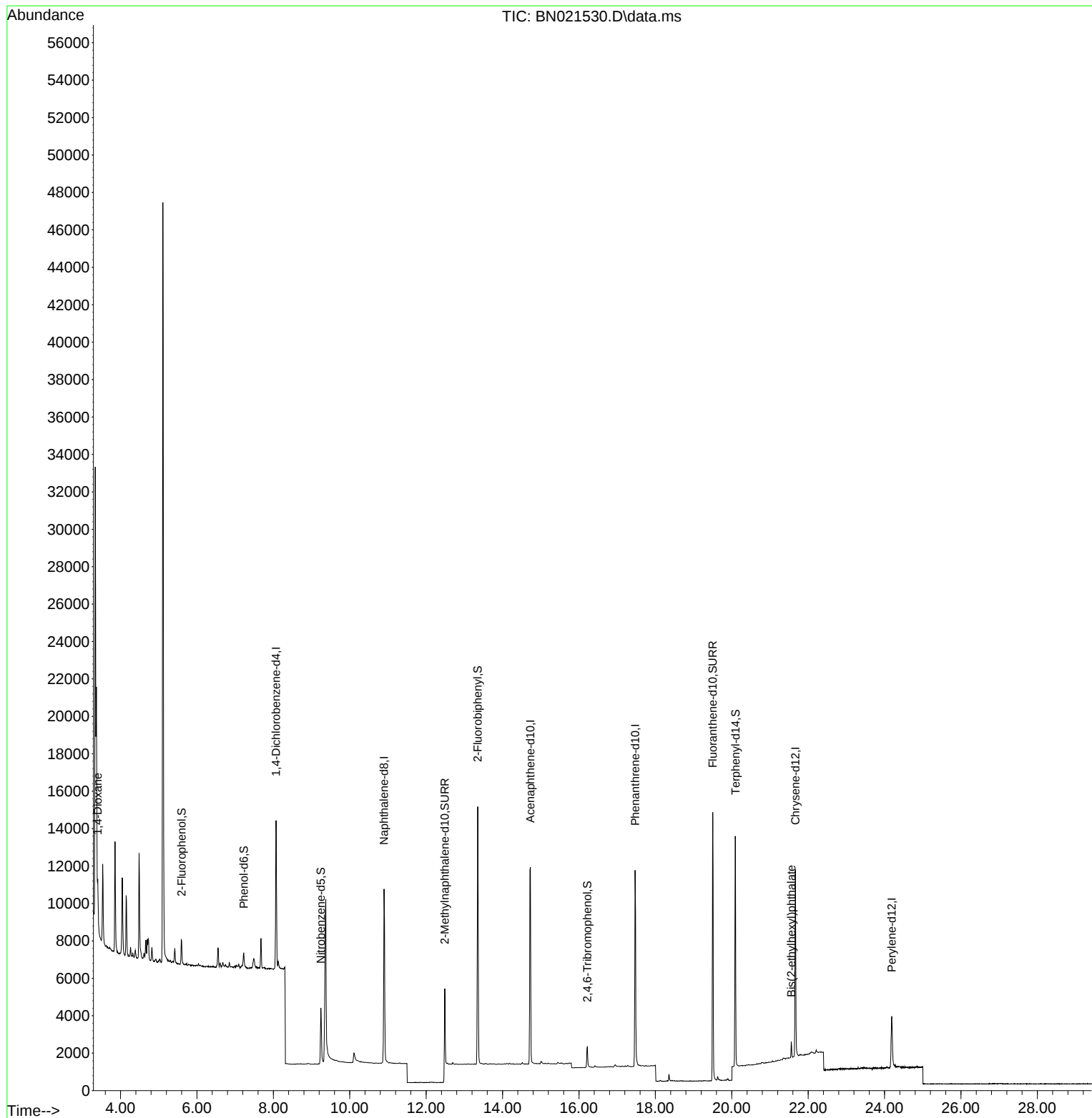
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
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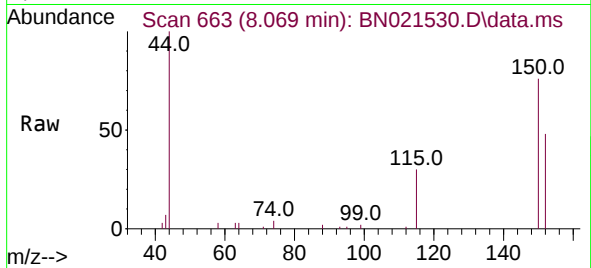
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

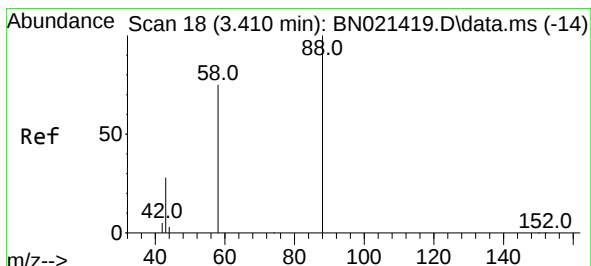
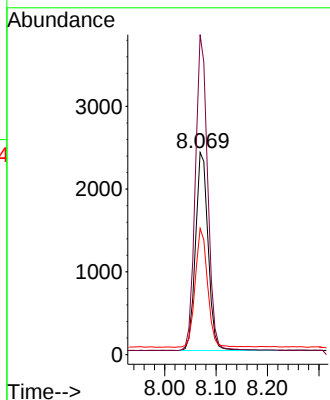
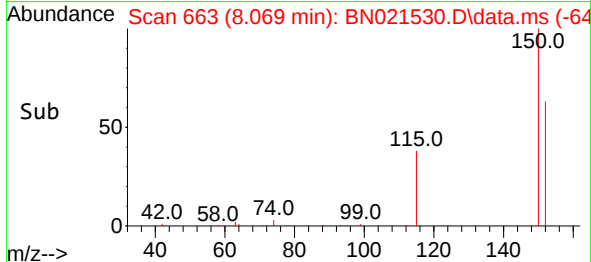
Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824



Tgt Ion: 152 Resp: 407
Ion Ratio Lower Upper
152 100
150 158.3 121.4 182.0
115 62.4 48.6 72.8

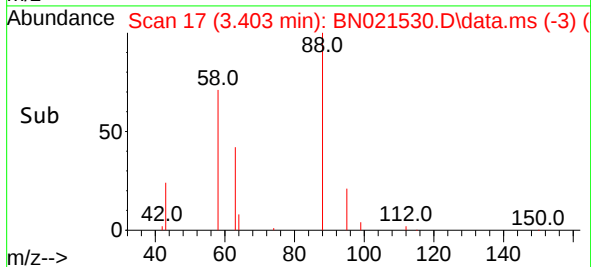
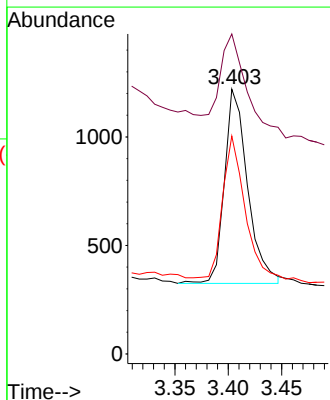
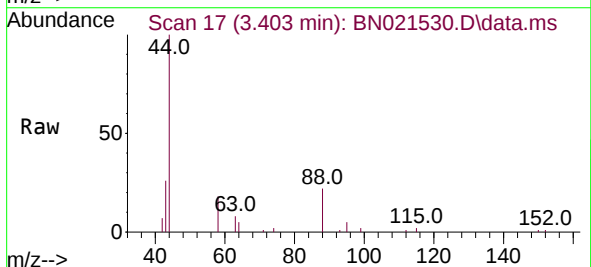
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#2
1,4-Dioxane
Concen: 0.264 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

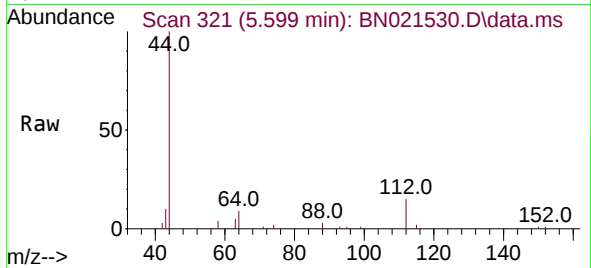
Tgt Ion: 88 Resp: 1348
Ion Ratio Lower Upper
88 100
43 49.4 35.8 53.8
58 68.5 57.1 85.7





#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.007 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

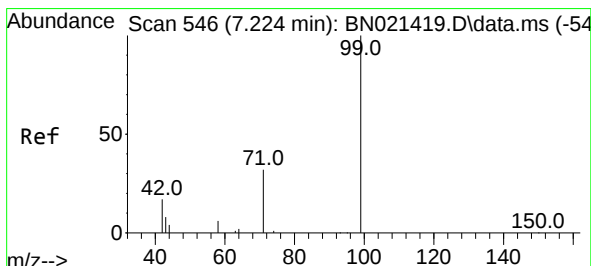
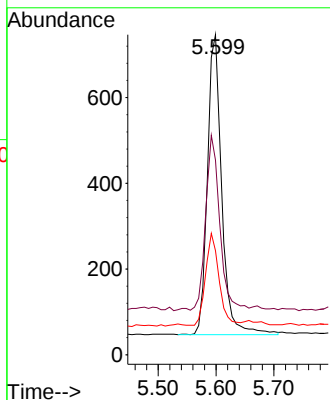
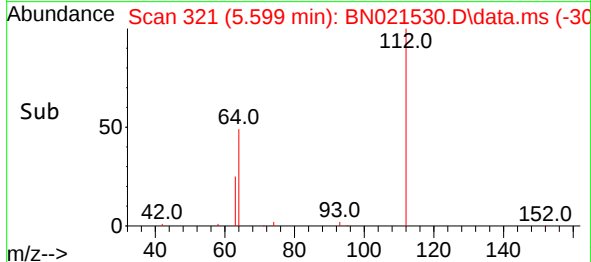
Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824



Tgt Ion: 112 Resp: 1203
Ion Ratio Lower Upper
112 100
64 58.1 43.5 65.3
63 28.8 22.6 34.0

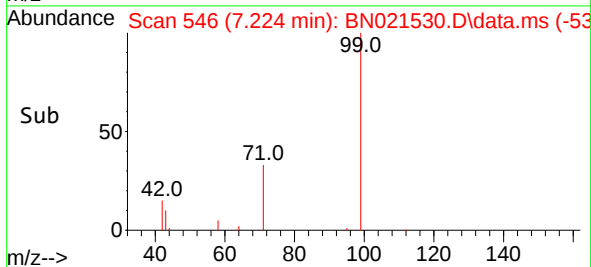
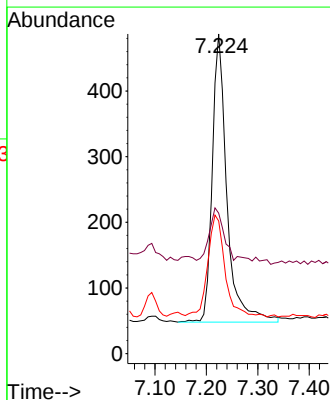
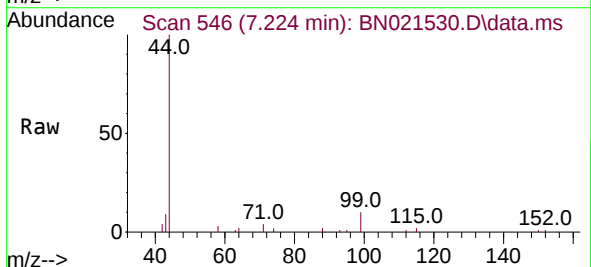
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#5
Phenol-d6
Concen: 0.086 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Tgt Ion: 99 Resp: 871
Ion Ratio Lower Upper
99 100
42 17.7 15.5 23.3
71 41.7 24.2 36.2#





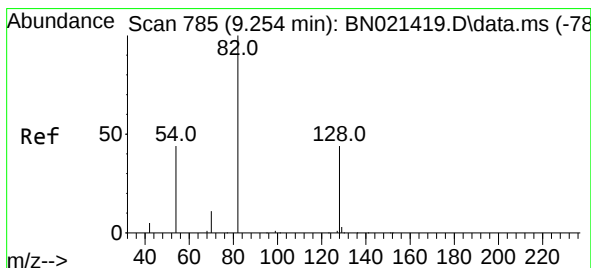
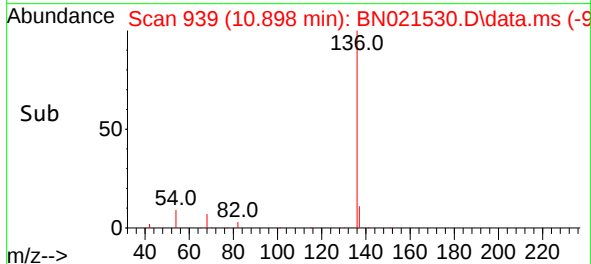
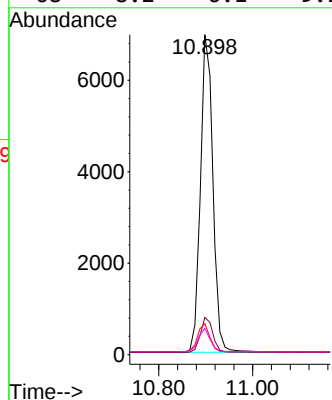
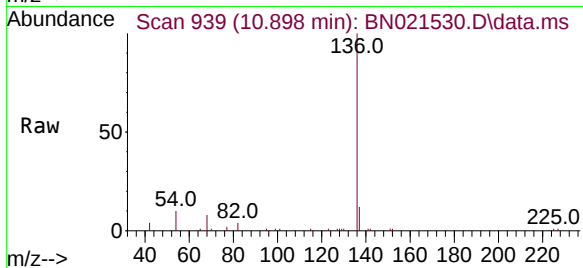
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824

Tgt Ion:	136	Resp:	1281
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	9.7	6.9	10.3
68	8.2	6.1	9.1

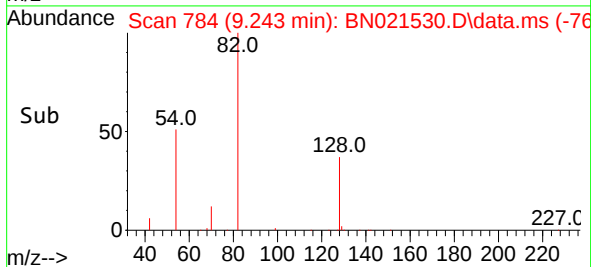
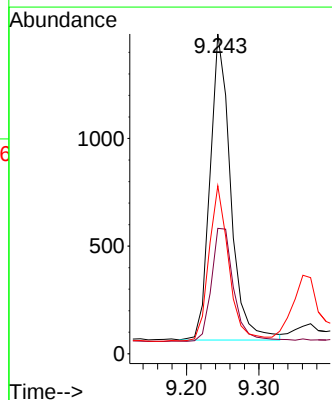
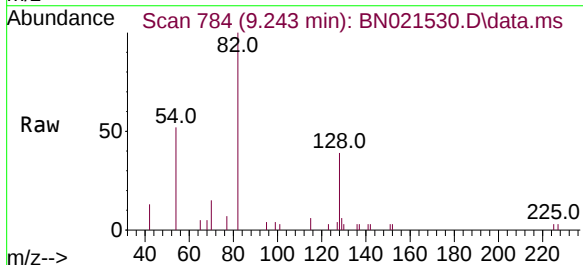
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#8
Nitrobenzene-d5
Concen: 0.324 ng m
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

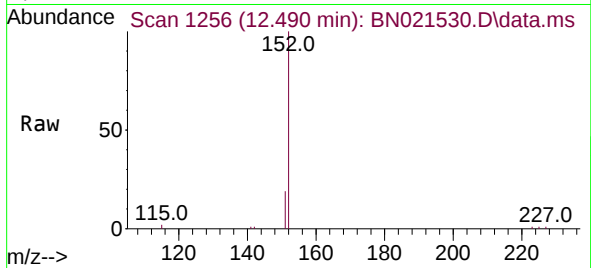
Tgt Ion:	82	Resp:	2802
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.9	46.3
54	52.5	42.7	64.1





#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.490 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

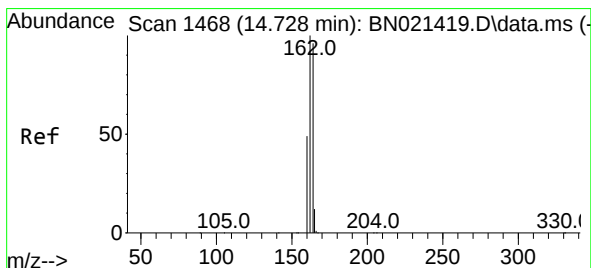
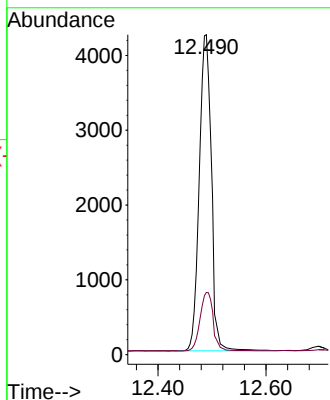
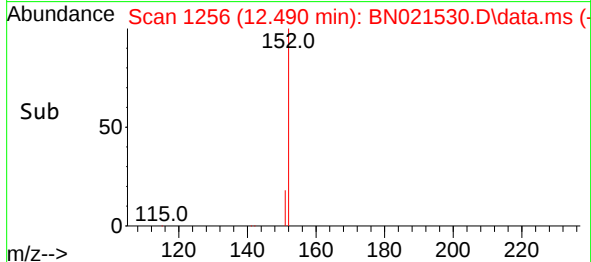
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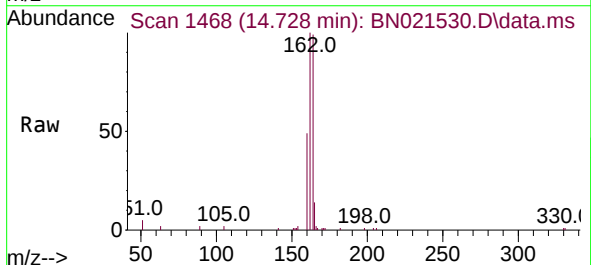
Tgt Ion:152 Resp: 10772
Ion Ratio Lower Upper
152 100
151 18.5 14.5 21.7

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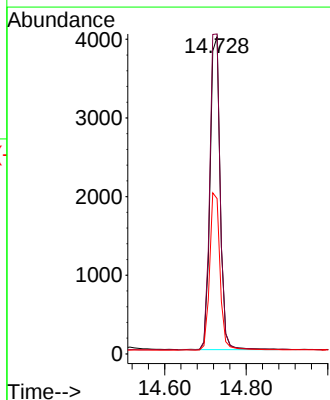
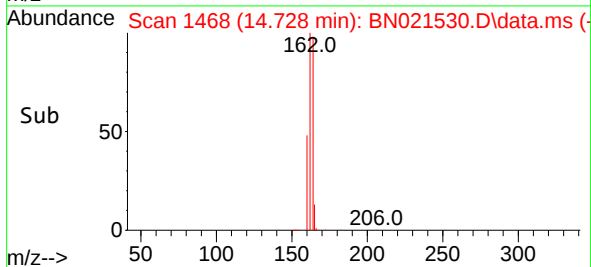
Reviewed By :Christian Giraldo 09/02/2022
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.011 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01



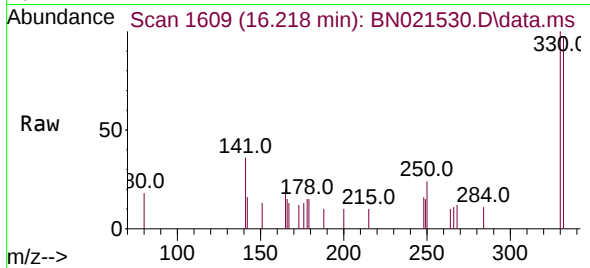
Tgt Ion:164 Resp: 6847
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.4
160 49.0 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

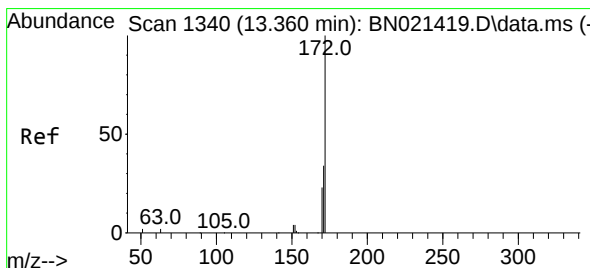
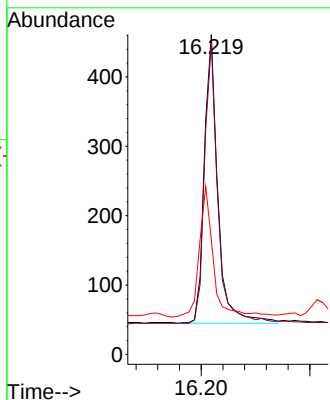
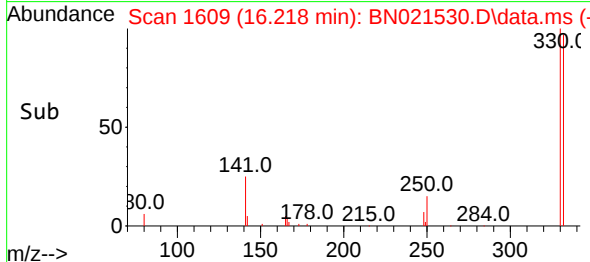
Instrument :
BNA_N
ClientSampleId :
RE135D3-20220824



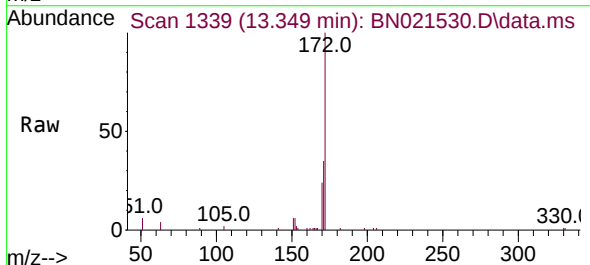
Tgt Ion: 330 Resp: 725
Ion Ratio Lower Upper
330 100
332 94.5 79.3 118.9
141 46.6 37.1 55.7

Manual Integrations
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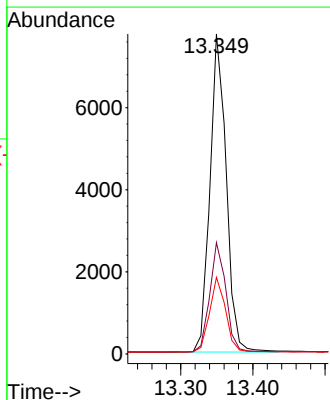
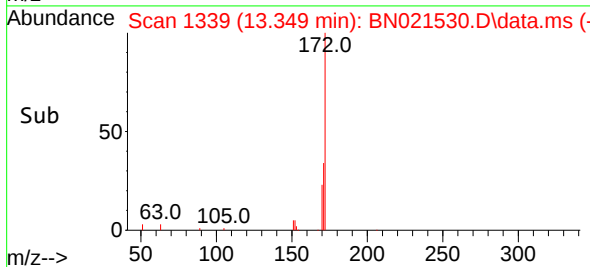
Reviewed By : Christian Giraldo 09/02/2022
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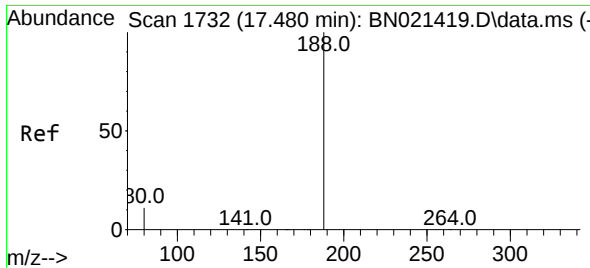


#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01



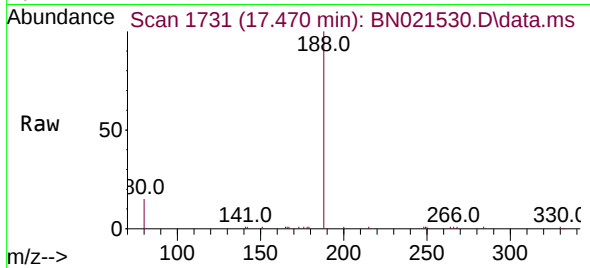
Tgt Ion: 172 Resp: 12184
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.9 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

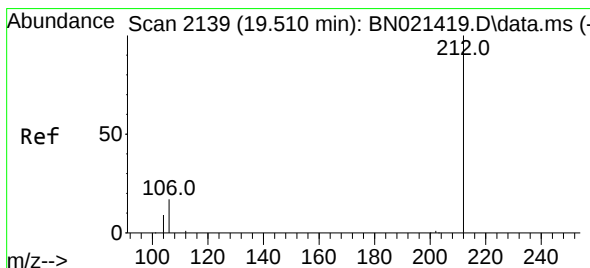
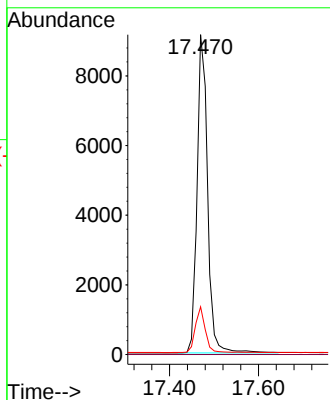
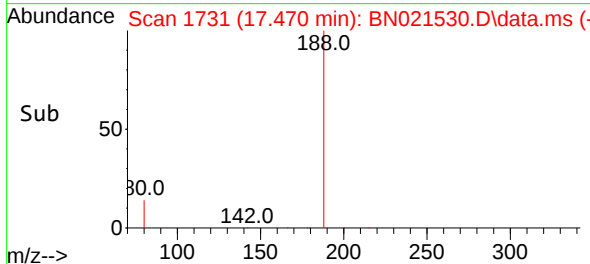
Instrument :
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Tgt Ion:188 Resp: 14993
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 9.5 14.3

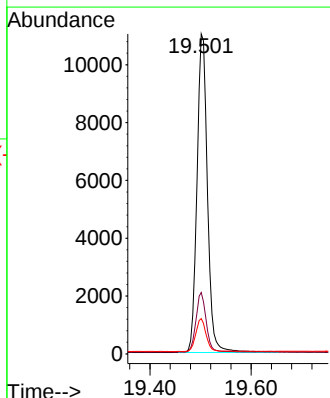
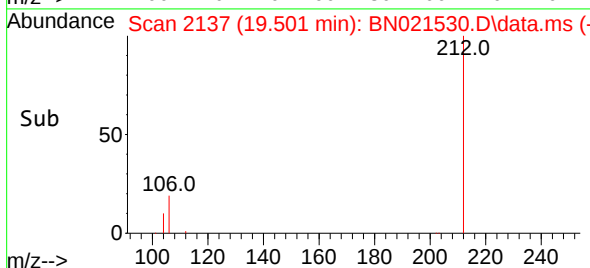
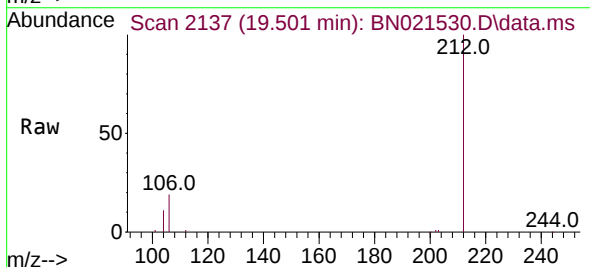
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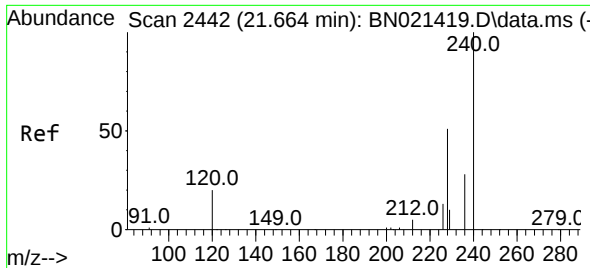
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

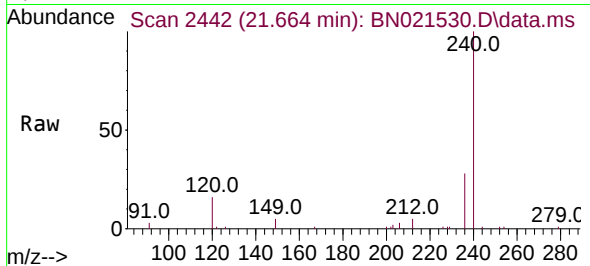
Tgt Ion:212 Resp: 15848
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.3 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

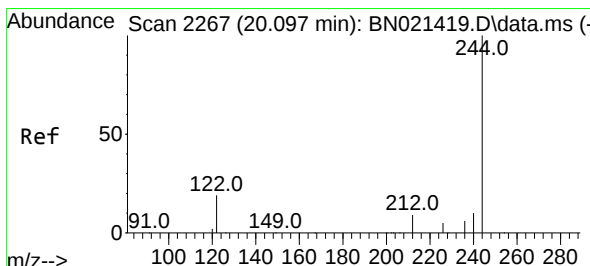
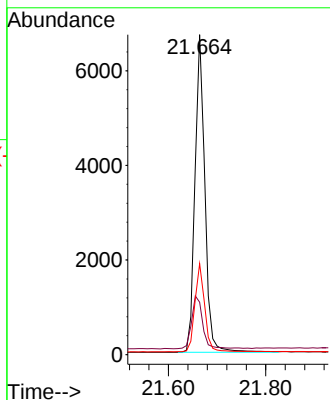
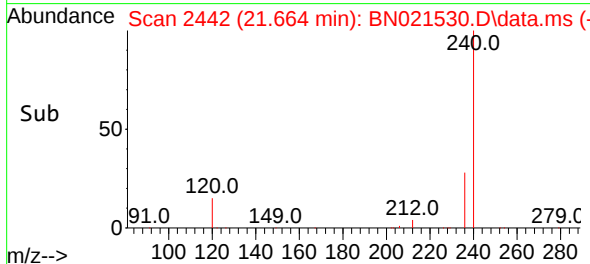
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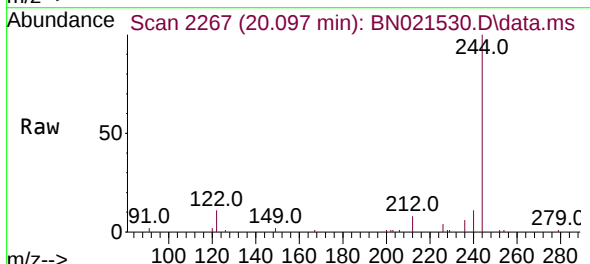
Tgt Ion:240 Resp: 9541
Ion Ratio Lower Upper
240 100
120 16.4 10.2 15.4
236 28.4 22.1 33.1

Manual Integrations
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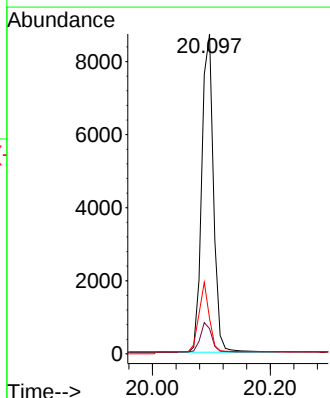
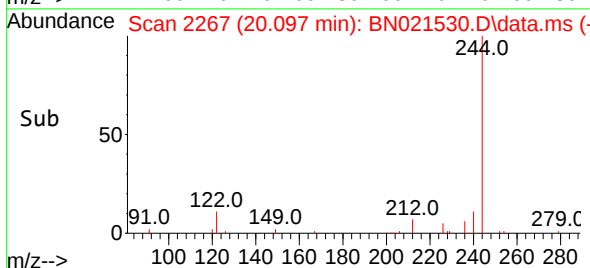
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

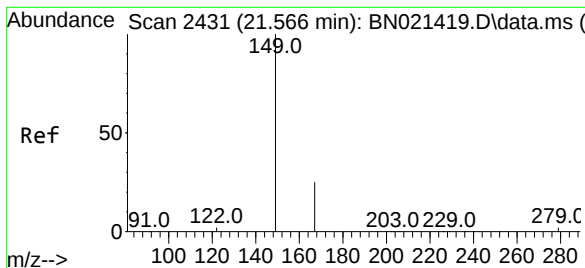


#31
Terphenyl-d14
Concen: 0.560 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01



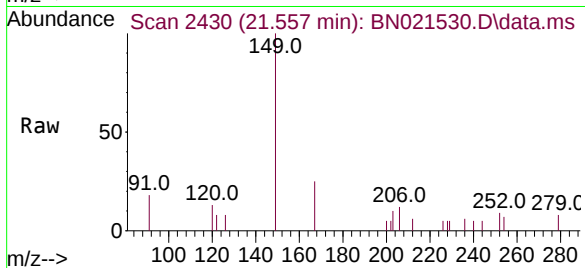
Tgt Ion:244 Resp: 12000
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.1 9.1 13.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.557 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

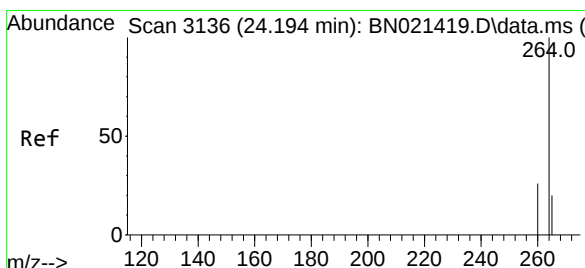
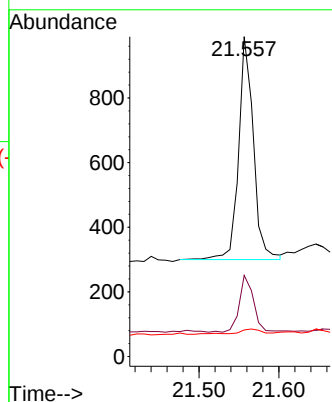
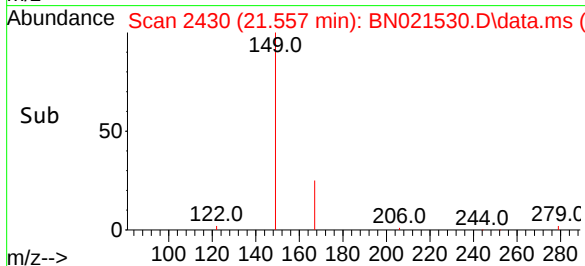
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ClientSampleId :
RE135D3-20220824



Tgt Ion:149 Resp: 884
Ion Ratio Lower Upper
149 100
167 25.3 21.4 32.0
279 2.5 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3134
Delta R.T. 0.003 min
Lab File: BN021530.D
Acq: 01 Sep 2022 18:01

Tgt Ion:264 Resp: 4719
Ion Ratio Lower Upper
264 100
260 28.1 21.0 31.6
265 48.9 32.2 48.2#

