

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021516.D
 Acq On : 01 Sep 2022 08:00
 Operator : CG/JU
 Sample : N4360-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 08:41:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4281	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	13129	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	7106	0.400	ng	-0.01
19) Phenanthrene-d10	17.470	188	15209	0.400	ng	-0.01
29) Chrysene-d12	21.664	240	10545	0.400	ng	# 0.00
35) Perylene-d12	24.185	264	7223	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1200	0.143	ng	0.00
5) Phenol-d6	7.224	99	895	0.084	ng	0.00
8) Nitrobenzene-d5	9.243	82	2651m	0.299	ng	-0.01
11) 2-Methylnaphthalene-d10	12.486	152	10154	0.343	ng	-0.01
14) 2,4,6-Tribromophenol	16.218	330	421	0.180	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	14026	0.451	ng	-0.01
27) Fluoranthene-d10	19.501	212	14167	0.362	ng	0.00
31) Terphenyl-d14	20.097	244	10573	0.446	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	46719	8.725	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.557	149	1383	0.093	ng	98

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

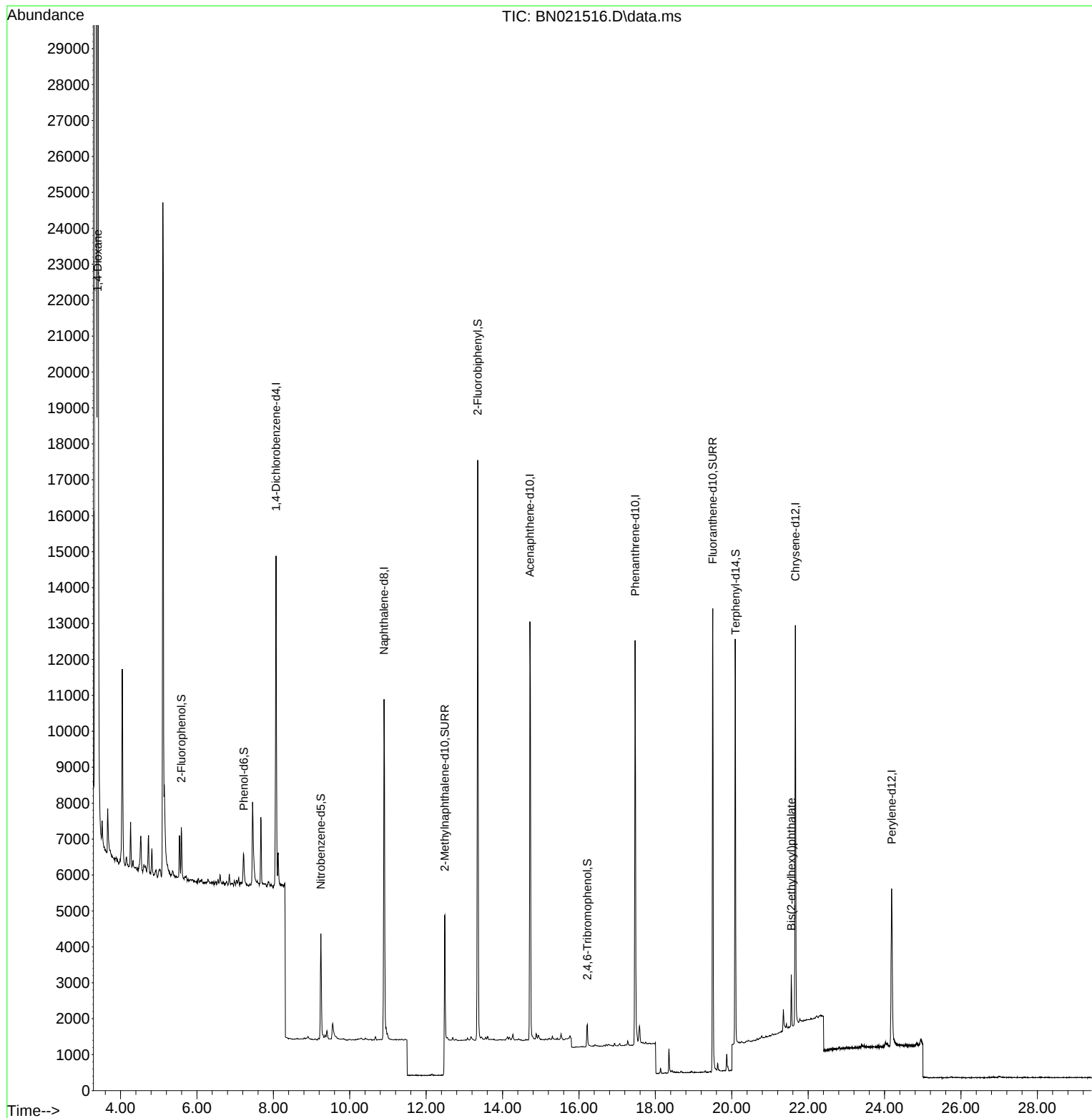
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
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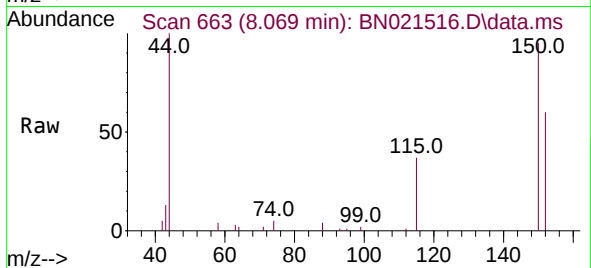
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.014 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00

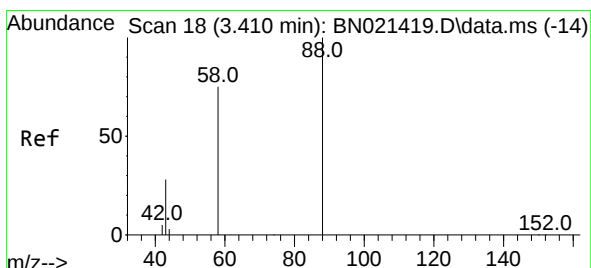
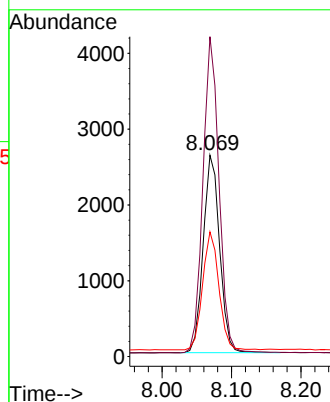
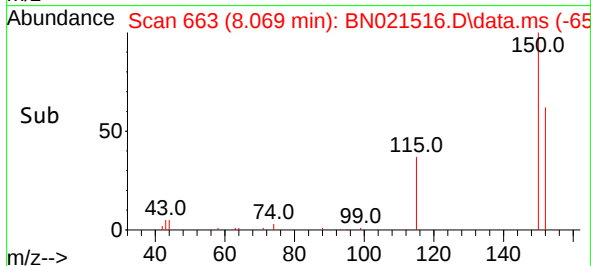
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824



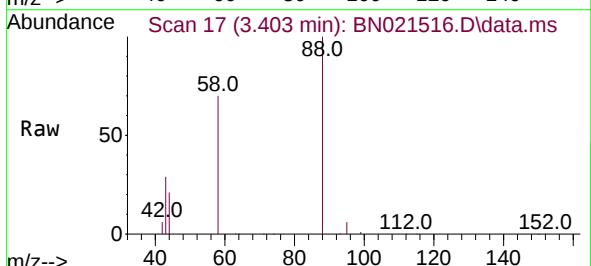
Tgt Ion: 152 Resp: 4281
 Ion Ratio Lower Upper
 152 100
 150 158.9 121.4 182.0
 115 61.9 48.6 72.8

Manual Integrations
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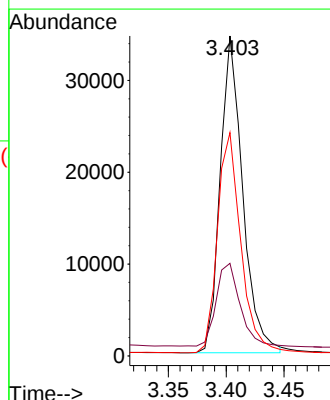
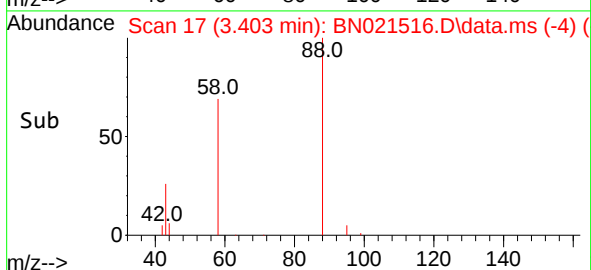
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

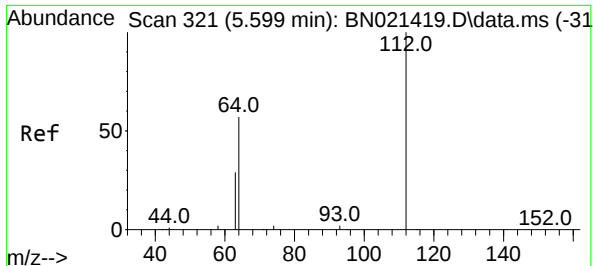


#2
 1,4-Dioxane
 Concen: 8.725 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00



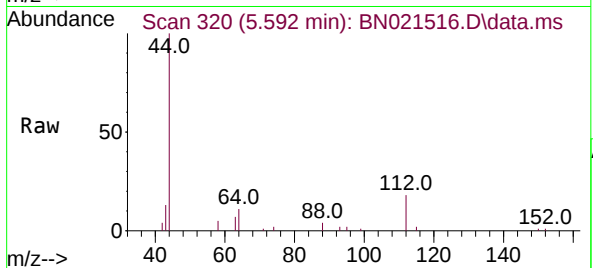
Tgt Ion: 88 Resp: 46719
 Ion Ratio Lower Upper
 88 100
 43 27.5 35.8 53.8
 58 71.8 57.1 85.7





#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.592 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

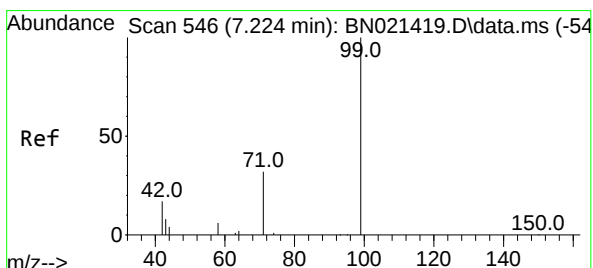
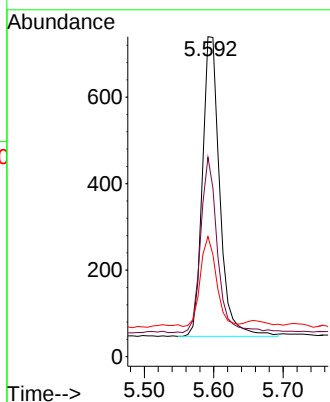
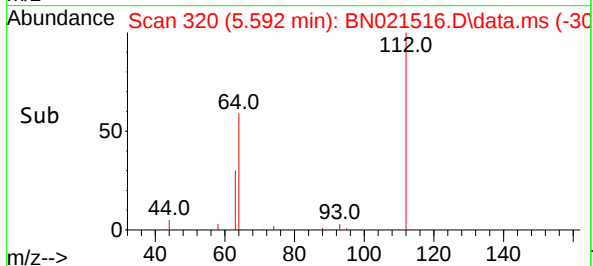
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824



Tgt Ion: 112 Resp: 1200
Ion Ratio Lower Upper
112 100
64 56.8 43.5 65.3
63 28.0 22.6 34.0

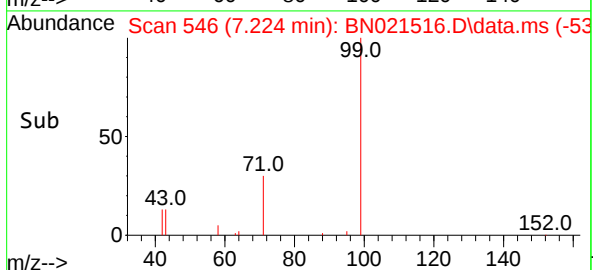
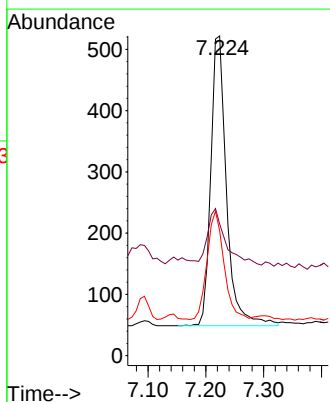
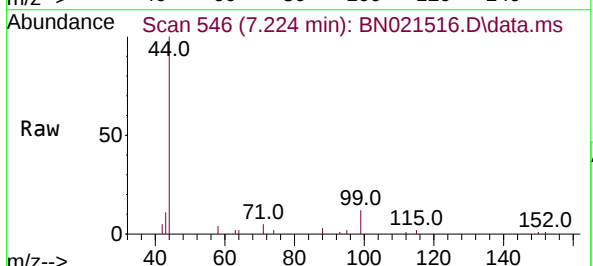
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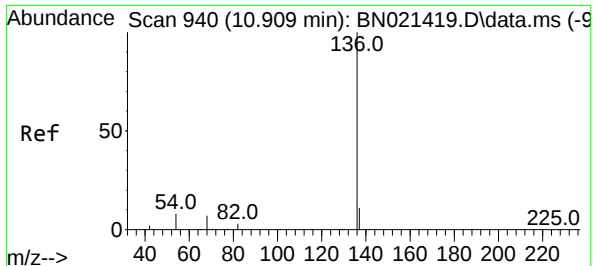
Reviewed By : Christian Giraldo 09/01/2022
Supervised By : Jagrut Upadhyay 09/01/2022



#5
Phenol-d6
Concen: 0.084 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

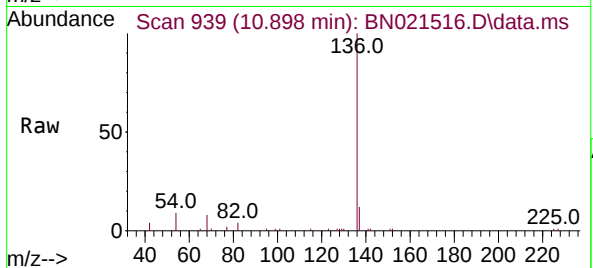
Tgt Ion: 99 Resp: 895
Ion Ratio Lower Upper
99 100
42 22.6 15.5 23.3
71 40.1 24.2 36.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

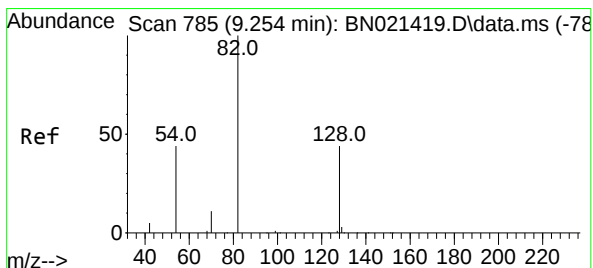
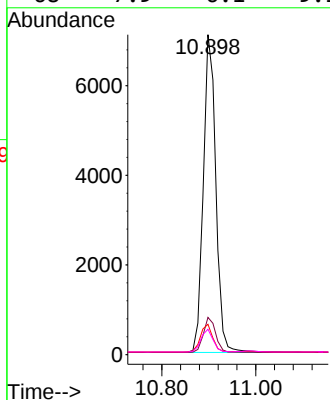
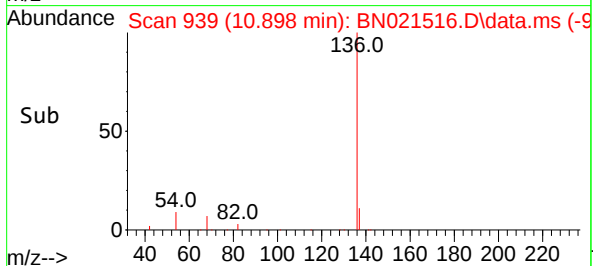
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824



Tgt Ion: 136 Resp: 13129
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 9.5 6.9 10.3
68 7.9 6.1 9.1

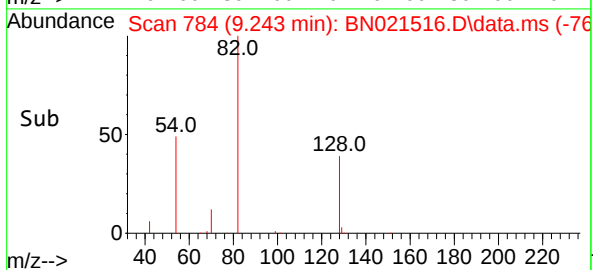
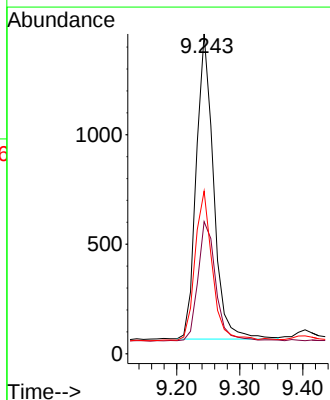
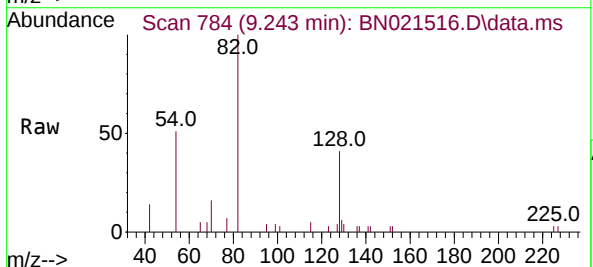
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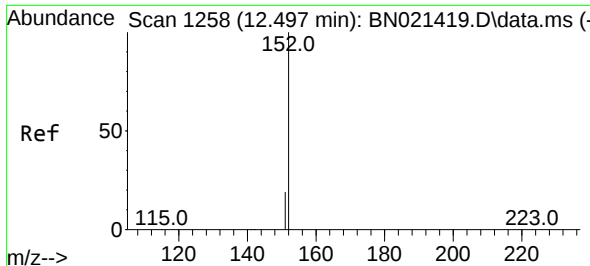
Reviewed By : Christian Giraldo 09/01/2022
Supervised By : Jagrut Upadhyay 09/01/2022



#8
Nitrobenzene-d5
Concen: 0.299 ng m
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

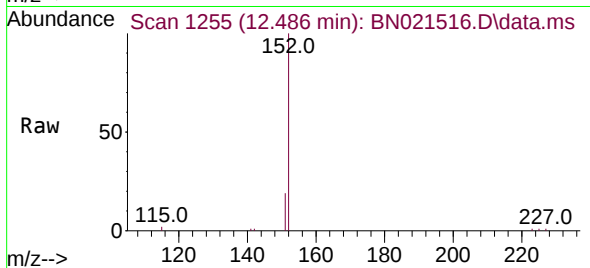
Tgt Ion: 82 Resp: 2651
Ion Ratio Lower Upper
82 100
128 41.3 30.9 46.3
54 50.9 42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

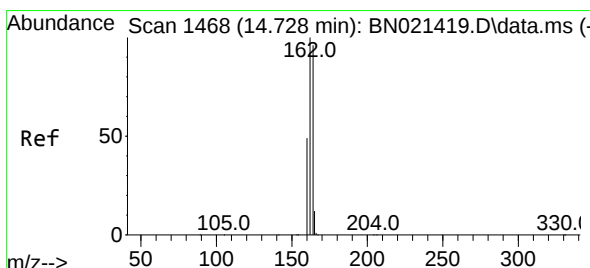
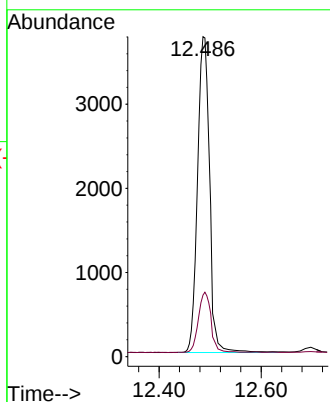
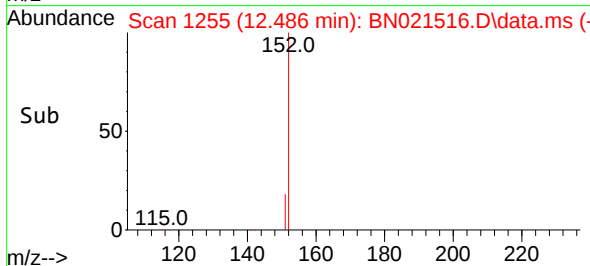
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824



Tgt Ion:152 Resp: 10154
Ion Ratio Lower Upper
152 100
151 18.9 14.5 21.7

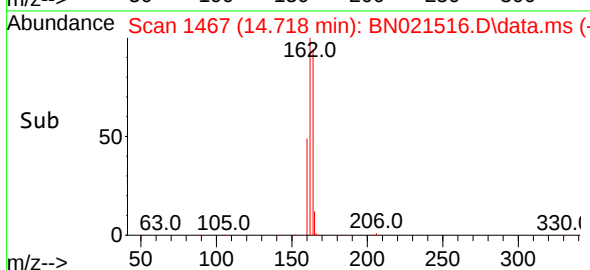
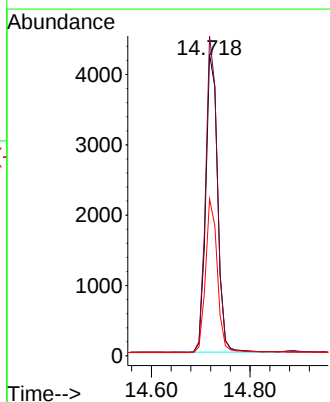
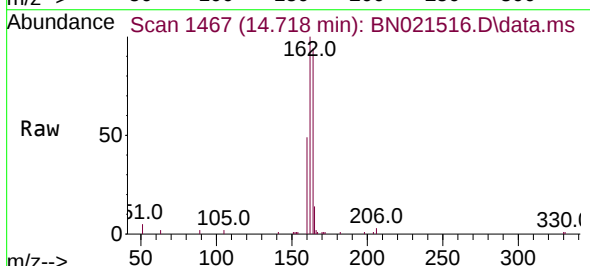
Manual Integrations
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Supervised By :Jagrut Upadhyay 09/01/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.010 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

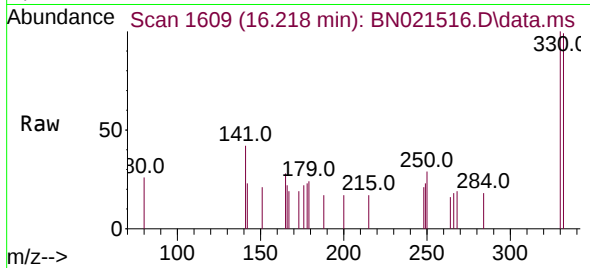
Tgt Ion:164 Resp: 7106
Ion Ratio Lower Upper
164 100
162 106.0 82.2 123.4
160 52.0 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

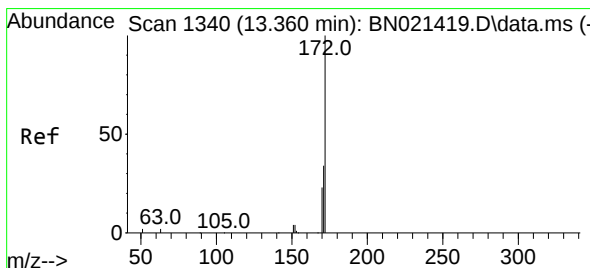
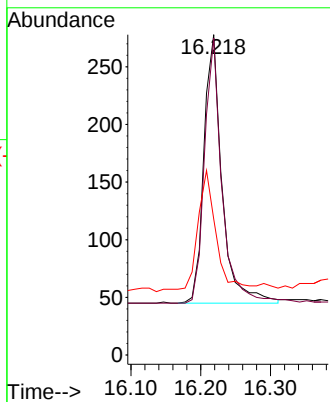
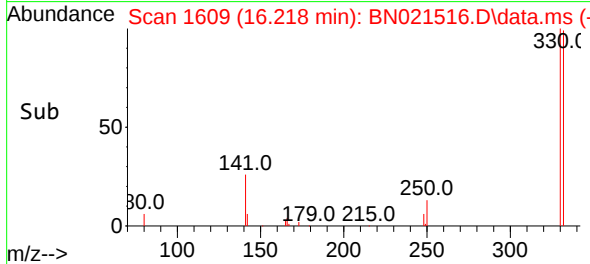
Instrument :
BNA_N
ClientSampleId :
RE125D2-20220824



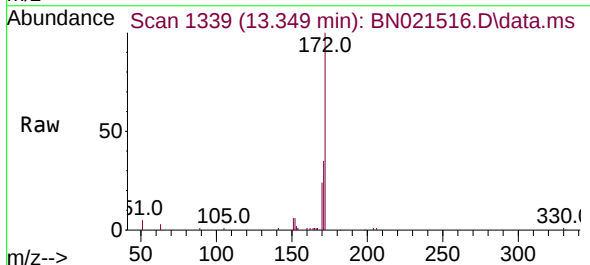
Tgt Ion: 330 Resp: 421
Ion Ratio Lower Upper
330 100
332 94.5 79.3 118.9
141 46.1 37.1 55.7

Manual Integrations
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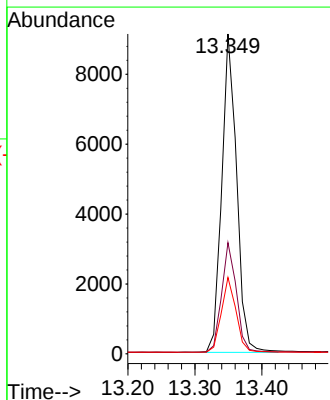
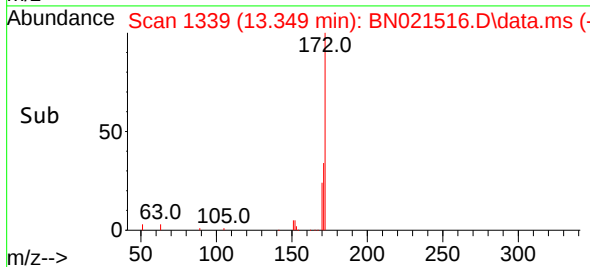
Reviewed By : Christian Giraldo 09/01/2022
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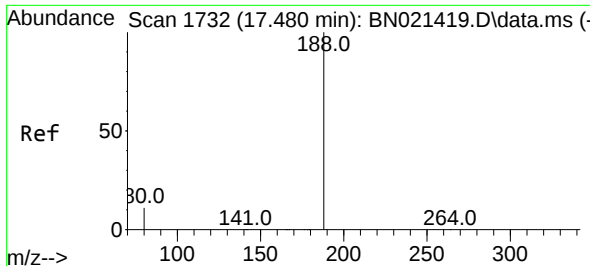


#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.349 min Scan# 1339
Delta R.T. -0.011 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00



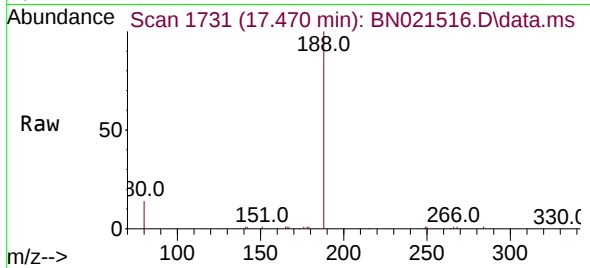
Tgt Ion: 172 Resp: 14026
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.9 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

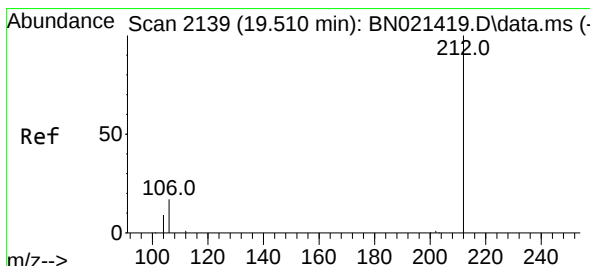
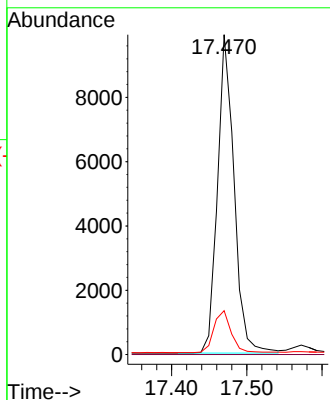
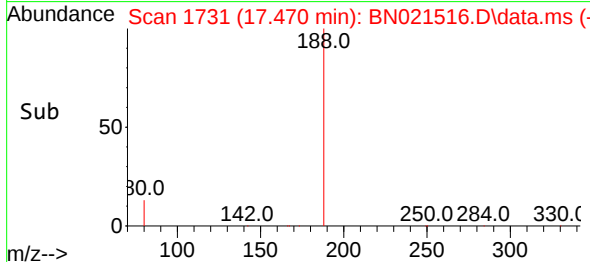
Instrument :
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Tgt Ion:188 Resp: 15209
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 9.5 14.3

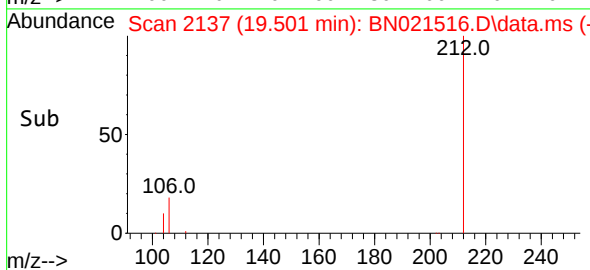
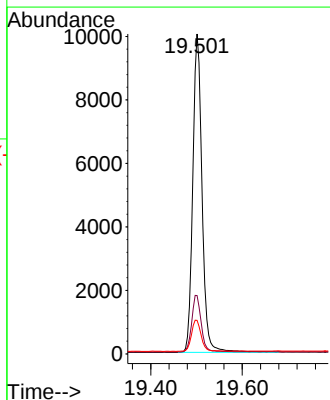
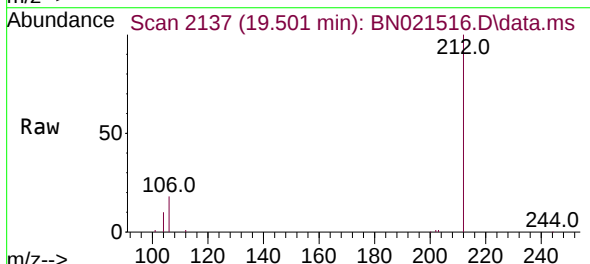
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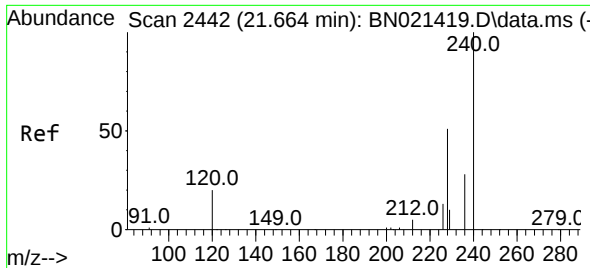
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.008 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

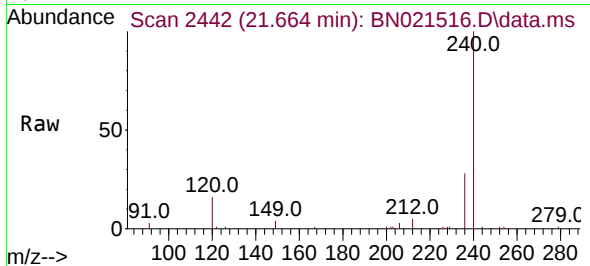
Tgt Ion:212 Resp: 14167
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.2 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00

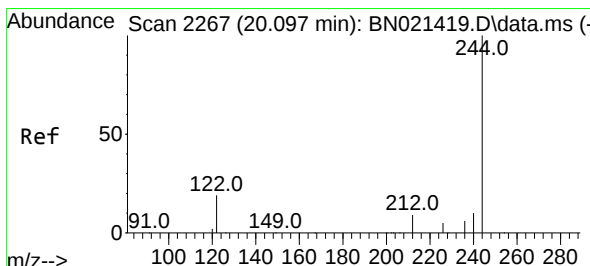
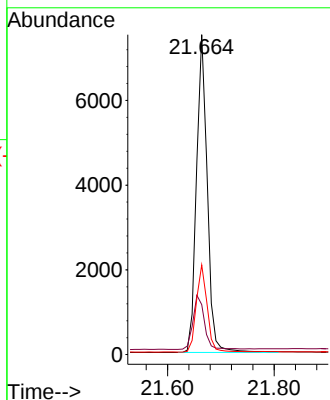
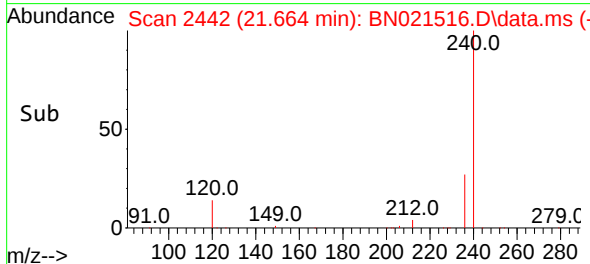
Instrument :
BNA_N
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RE125D2-20220824



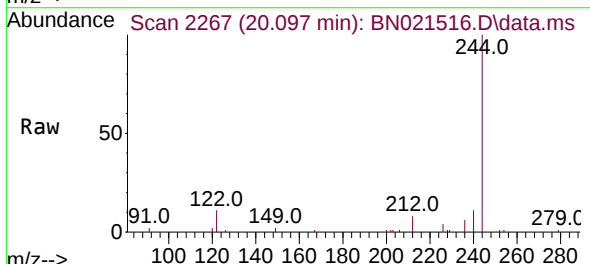
Tgt Ion:240 Resp: 10545
Ion Ratio Lower Upper
240 100
120 15.6 10.2 15.4
236 28.0 22.1 33.1

Manual Integrations
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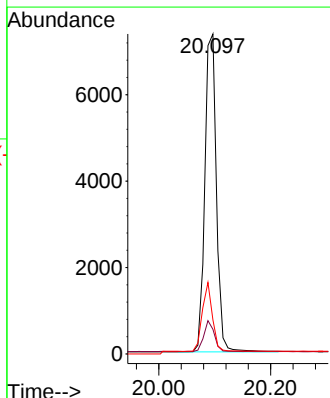
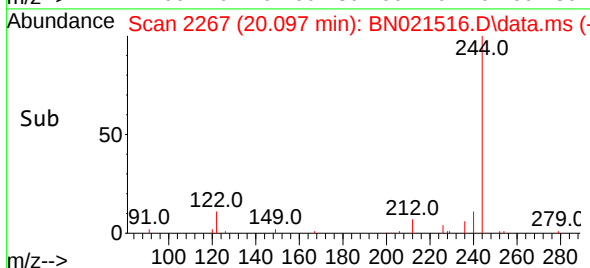
Reviewed By :Christian Giraldo 09/01/2022
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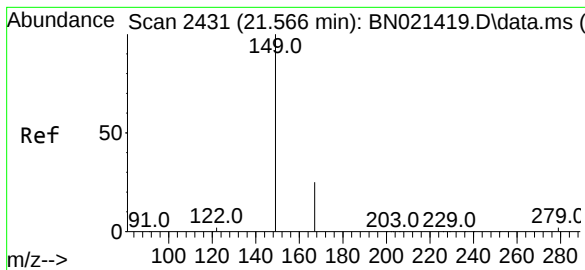


#31
Terphenyl-d14
Concen: 0.446 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021516.D
Acq: 01 Sep 2022 08:00



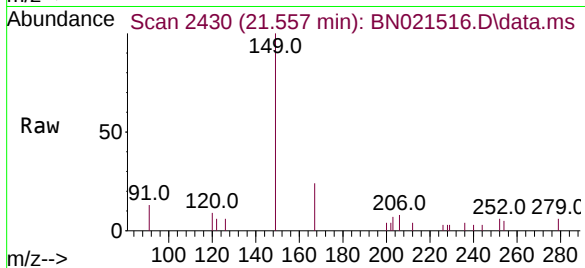
Tgt Ion:244 Resp: 10573
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 10.6 9.1 13.7





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00

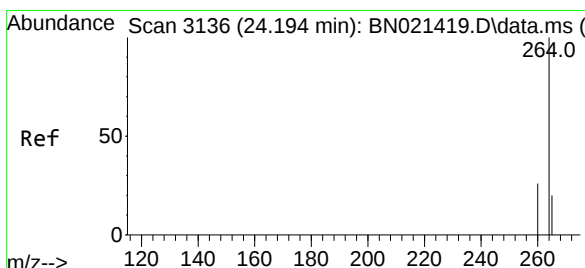
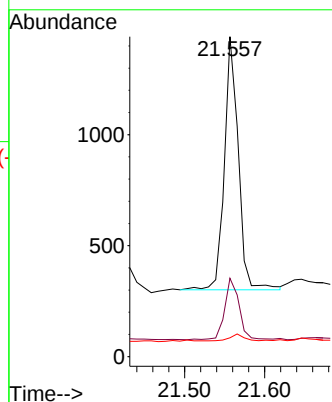
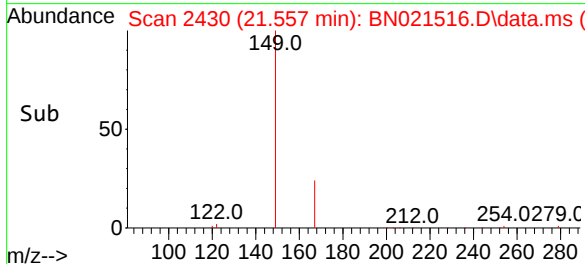
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20220824



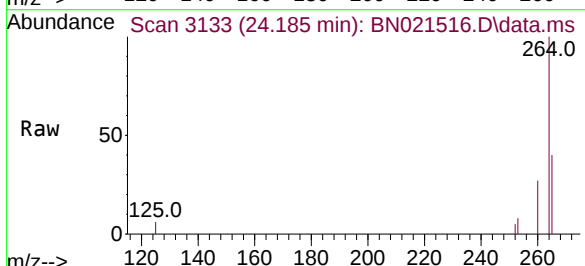
Tgt Ion:149 Resp: 1383
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 2.7 2.2 3.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.185 min Scan# 3133
 Delta R.T. -0.009 min
 Lab File: BN021516.D
 Acq: 01 Sep 2022 08:00



Tgt Ion:264 Resp: 7223
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.0 31.6
 265 39.9 32.2 48.2

