

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021456.D
 Acq On : 30 Aug 2022 14:57
 Operator : CG/JU
 Sample : N4281-09DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20220818DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/31/2022
 Supervised By : Jagrut Upadhyay 08/31/2022

Quant Time: Aug 31 01:20:37 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	8.076	152	5102	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	15737	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8488	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	17824	0.400	ng	0.00
29) Chrysene-d12	21.673	240	11915	0.400	ng	# 0.00
35) Perylene-d12	24.197	264	7921	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	606	0.061	ng	0.00
5) Phenol-d6	7.231	99	425	0.033	ng	0.00
8) Nitrobenzene-d5	9.254	82	1528m	0.144	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	5484	0.155	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	316	0.113	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	5696	0.154	ng	0.00
27) Fluoranthene-d10	19.510	212	8703	0.190	ng	0.00
31) Terphenyl-d14	20.106	244	5773	0.216	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	17392	2.726	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.574	149	674	0.040	ng	97

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

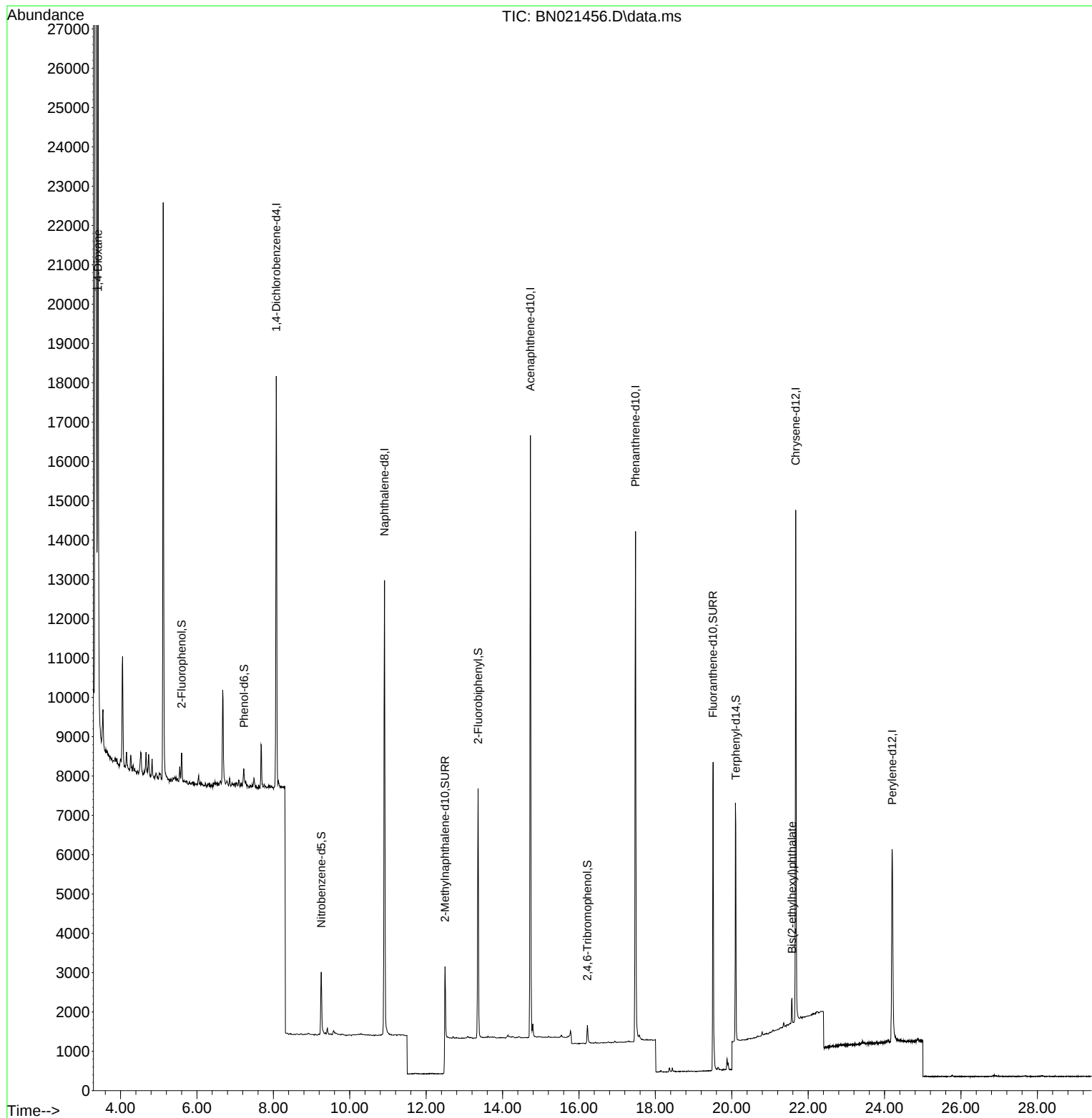
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Data File : BN021456.D
Acq On : 30 Aug 2022 14:57
Operator : CG/JU
Sample : N4281-09DL 2X
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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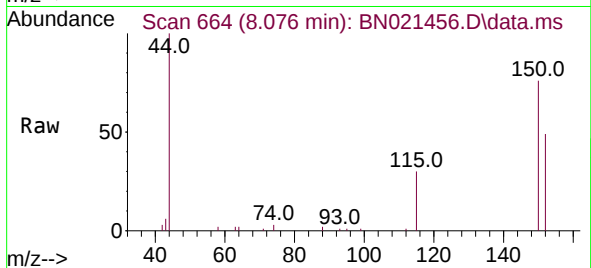
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021456.D
 Acq: 30 Aug 2022 14:57

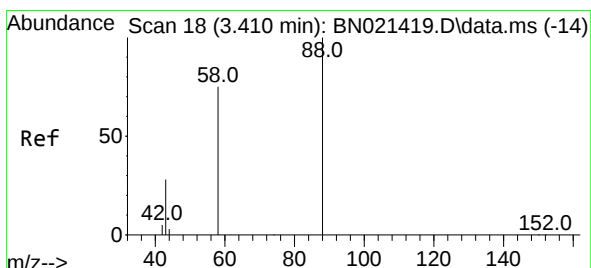
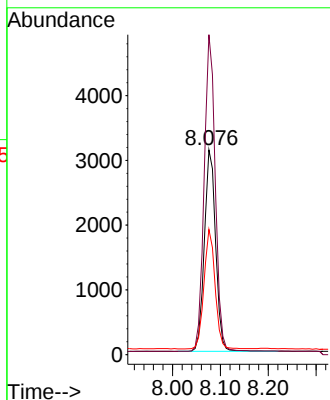
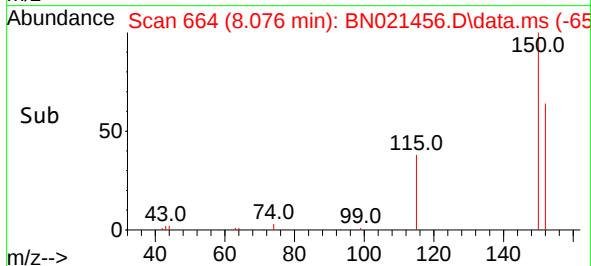
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20220818DL



Tgt Ion:152 Resp: 5102
 Ion Ratio Lower Upper
 152 100
 150 156.3 121.4 182.0
 115 61.1 48.6 72.8

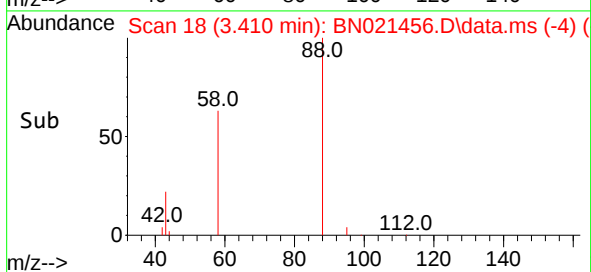
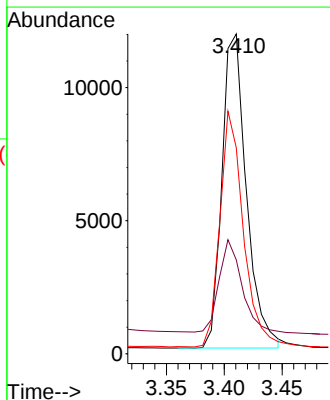
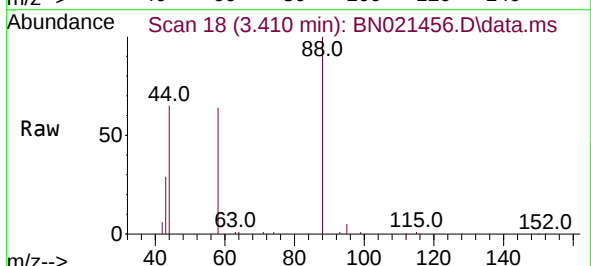
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#2
 1,4-Dioxane
 Concen: 2.726 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021456.D
 Acq: 30 Aug 2022 14:57

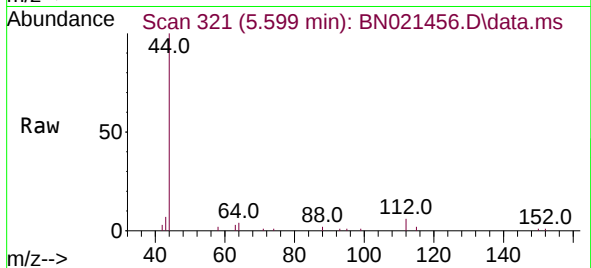
Tgt Ion: 88 Resp: 17392
 Ion Ratio Lower Upper
 88 100
 43 27.3 35.8 53.8
 58 71.3 57.1 85.7





#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.599 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

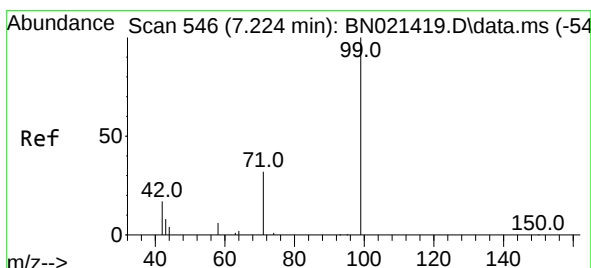
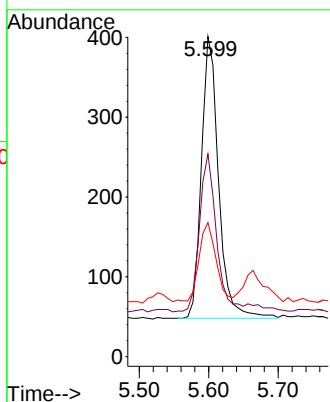
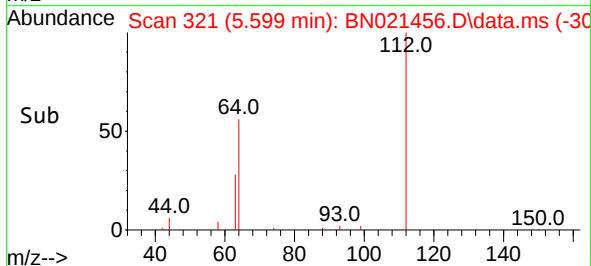
Instrument :
BNA_N
ClientSampleId :
RE132D4-20220818DL



Tgt Ion:112 Resp: 606
Ion Ratio Lower Upper
112 100
64 55.3 43.5 65.3
63 28.2 22.6 34.0

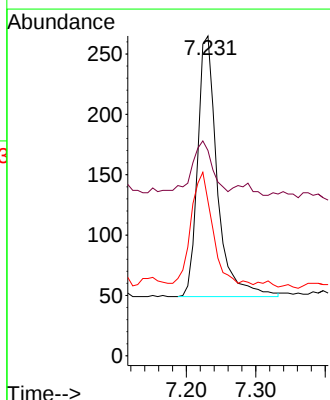
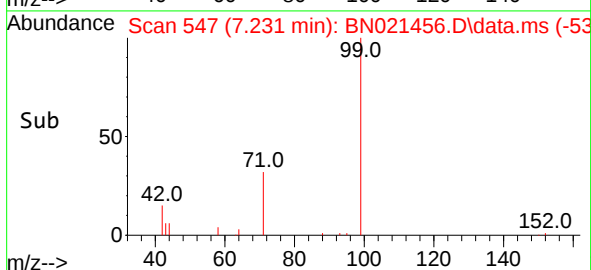
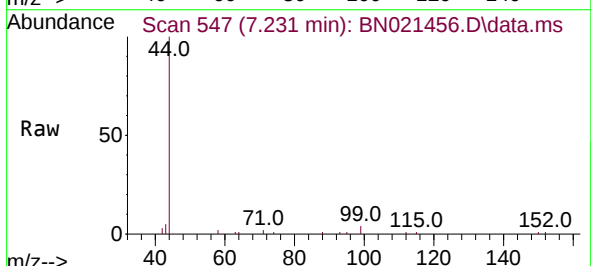
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#5
Phenol-d6
Concen: 0.033 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

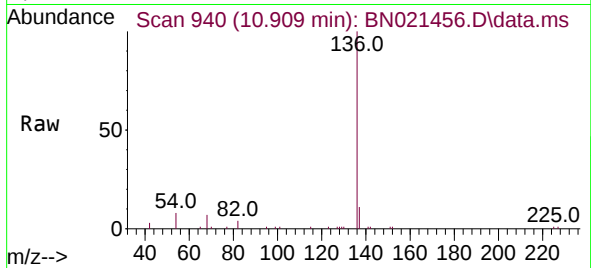
Tgt Ion: 99 Resp: 425
Ion Ratio Lower Upper
99 100
42 20.5 15.5 23.3
71 48.2 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

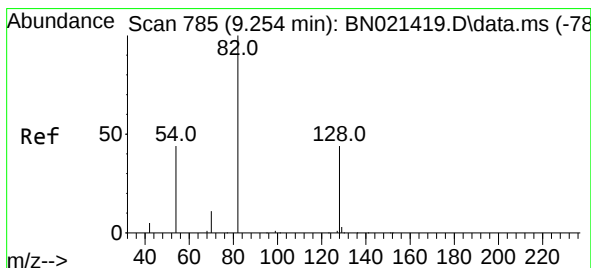
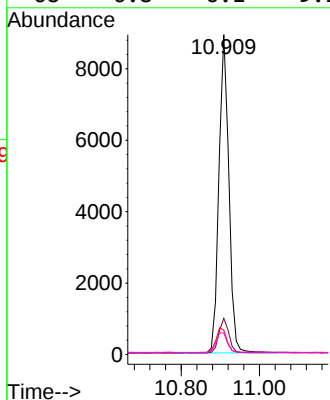
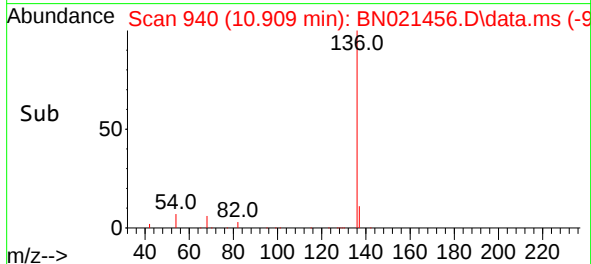
Instrument :
BNA_N
ClientSampleId :
RE132D4-20220818DL



Tgt Ion:136 Resp: 1573
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 7.6 6.9 10.3
68 6.8 6.1 9.1

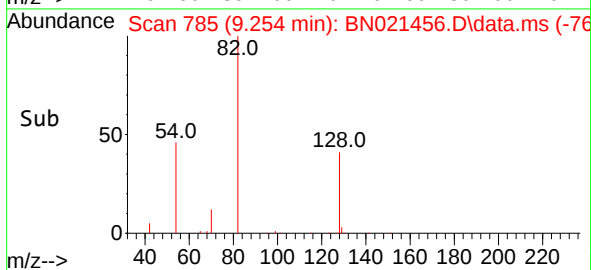
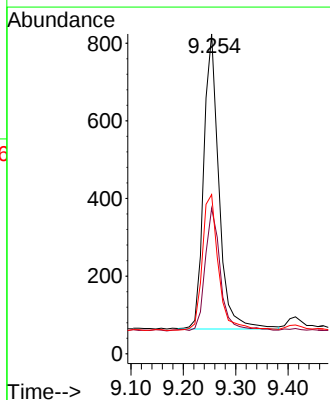
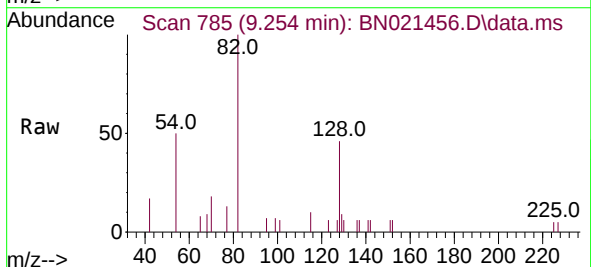
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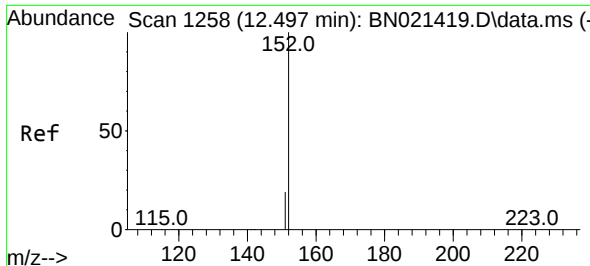
Reviewed By :Christian Giraldo 08/31/2022
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#8
Nitrobenzene-d5
Concen: 0.144 ng m
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

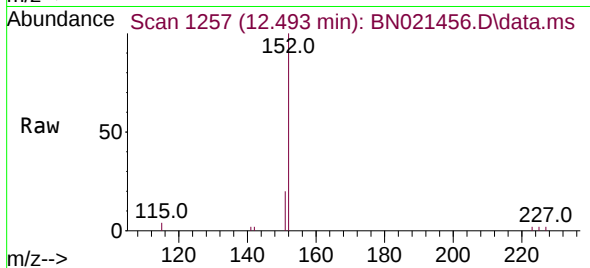
Tgt Ion: 82 Resp: 1528
Ion Ratio Lower Upper
82 100
128 45.5 30.9 46.3
54 49.8 42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.155 ng
RT: 12.493 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

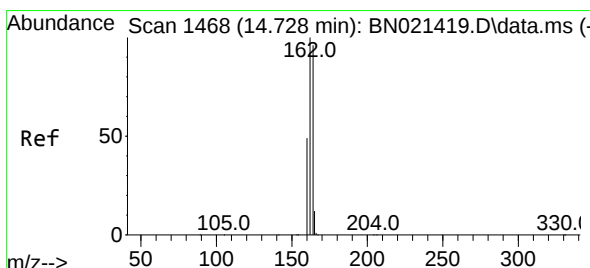
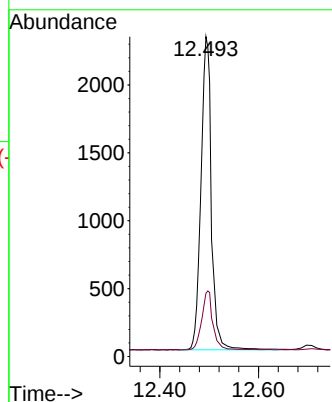
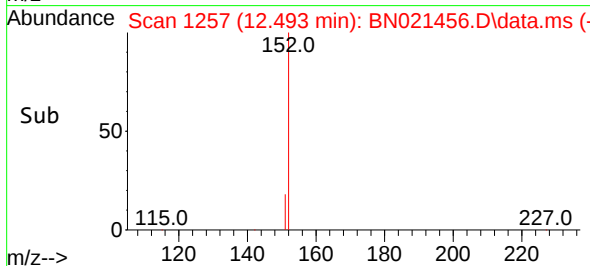
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RE132D4-20220818DL



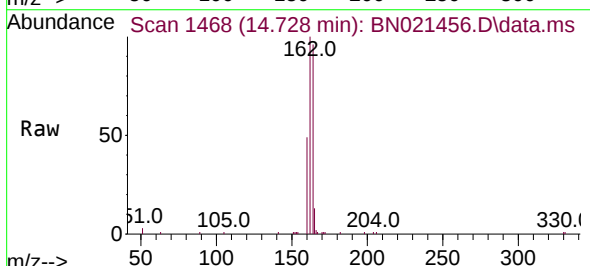
Tgt Ion:152 Resp: 5484
Ion Ratio Lower Upper
152 100
151 17.9 14.5 21.7

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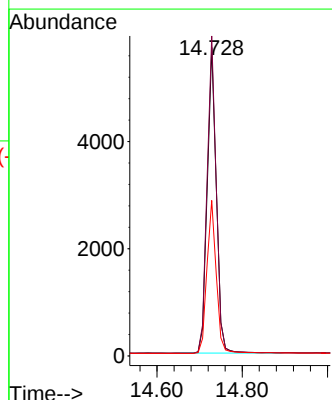
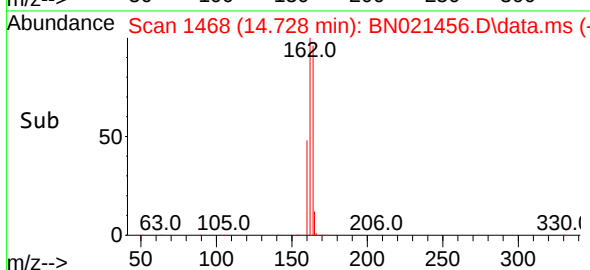
Reviewed By :Christian Giraldo 08/31/2022
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57



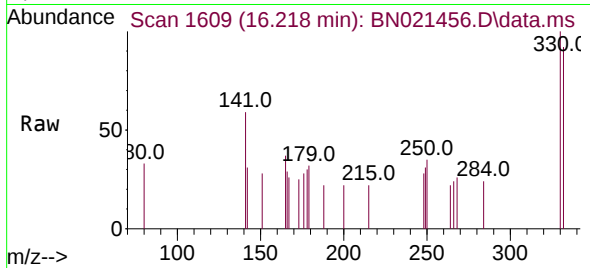
Tgt Ion:164 Resp: 8488
Ion Ratio Lower Upper
164 100
162 103.8 82.2 123.4
160 50.4 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.113 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

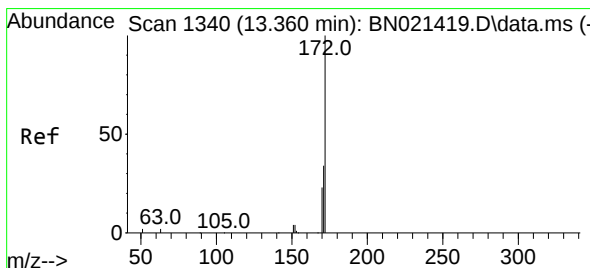
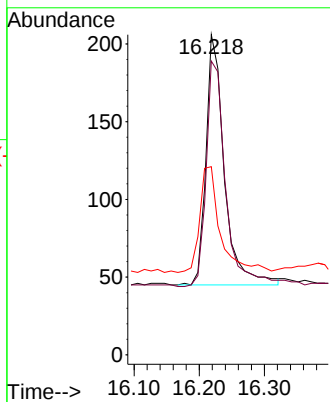
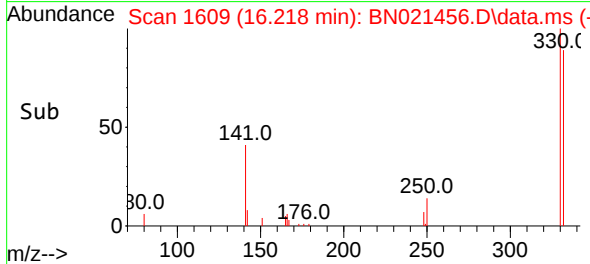
Instrument :
BNA_N
ClientSampleId :
RE132D4-20220818DL



Tgt Ion: 330 Resp: 316
Ion Ratio Lower Upper
330 100
332 95.9 79.3 118.9
141 47.2 37.1 55.7

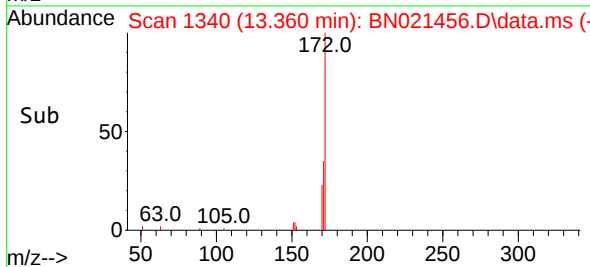
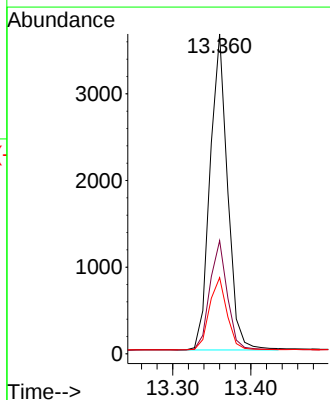
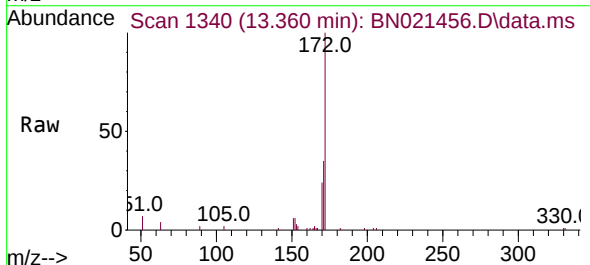
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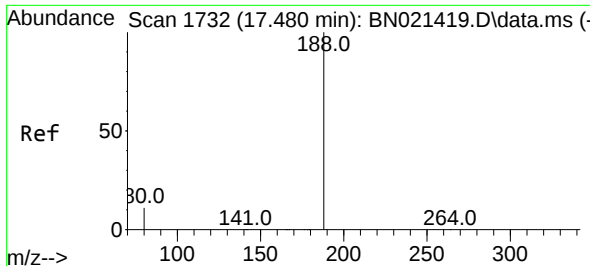
Reviewed By : Christian Giraldo 08/31/2022
Supervised By : Jagrut Upadhyay 08/31/2022



#15
2-Fluorobiphenyl
Concen: 0.154 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

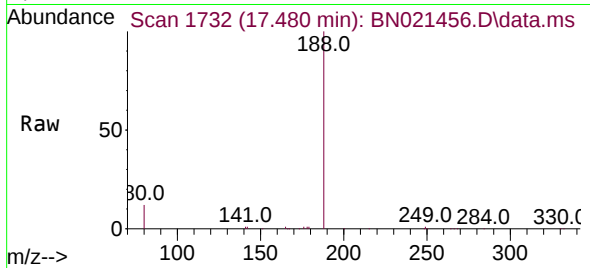
Tgt Ion: 172 Resp: 5696
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.8 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

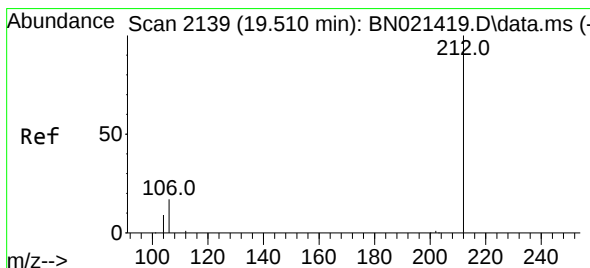
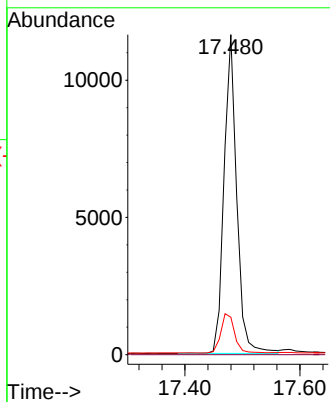
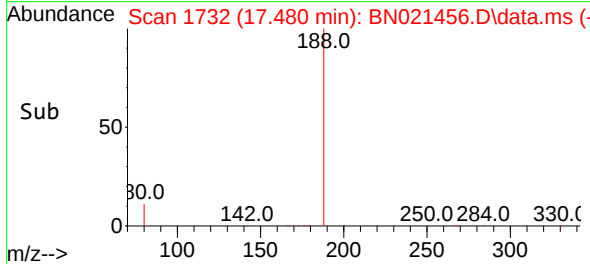
Instrument :
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Tgt Ion:188 Resp: 17824
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 9.5 14.3

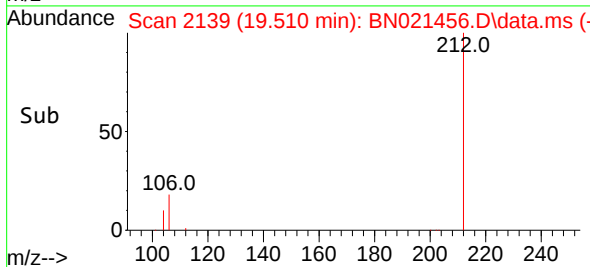
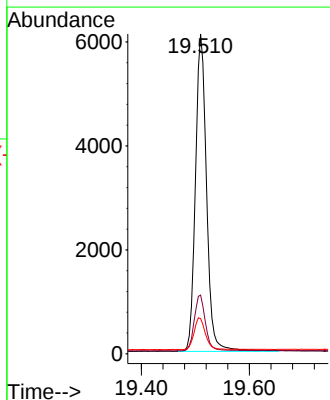
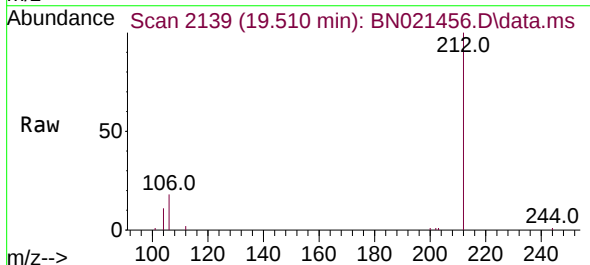
Manual Integrations
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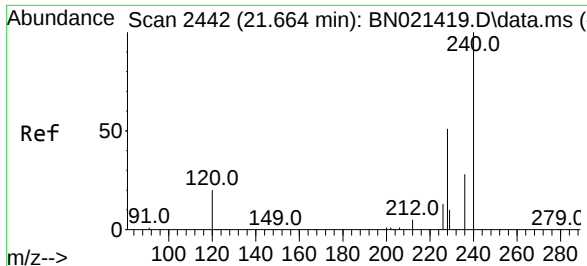
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#27
Fluoranthene-d10
Concen: 0.190 ng
RT: 19.510 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

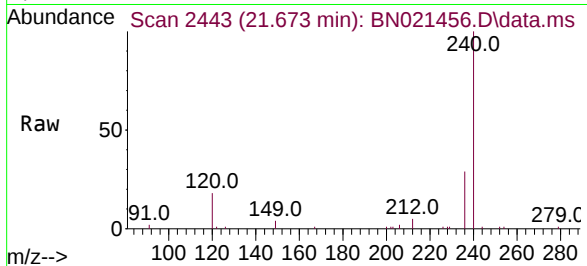
Tgt Ion:212 Resp: 8703
Ion Ratio Lower Upper
212 100
106 17.7 14.2 21.2
104 10.3 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57

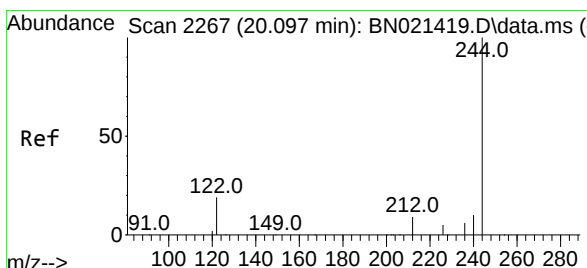
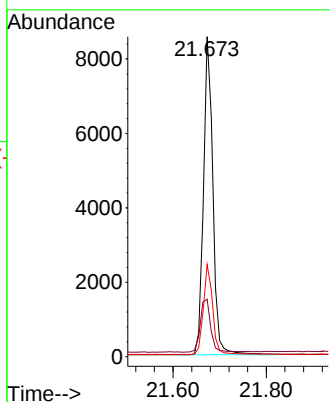
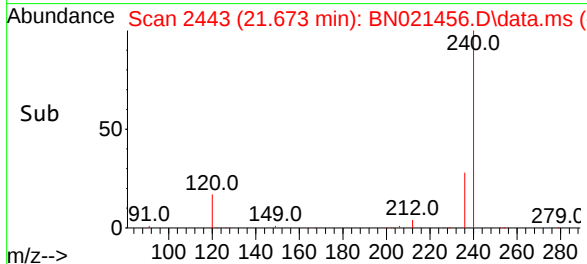
Instrument :
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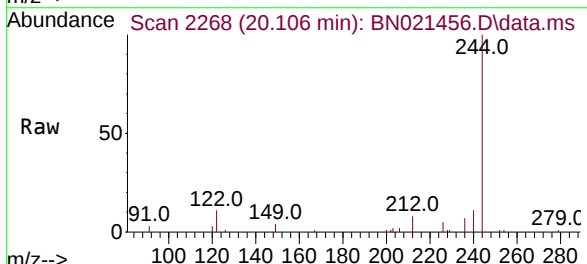
Tgt Ion:240 Resp: 11915
Ion Ratio Lower Upper
240 100
120 17.9 10.2 15.4
236 28.8 22.1 33.1

Manual Integrations
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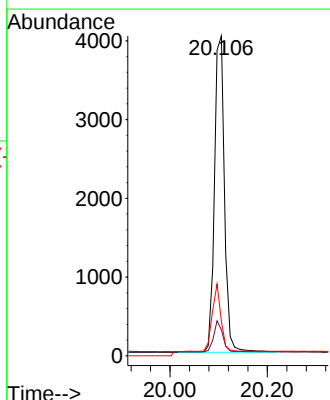
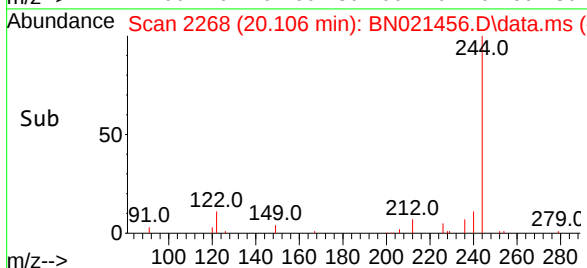
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

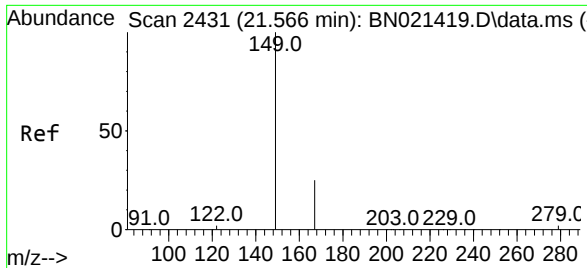


#31
Terphenyl-d14
Concen: 0.216 ng
RT: 20.106 min Scan# 2268
Delta R.T. 0.009 min
Lab File: BN021456.D
Acq: 30 Aug 2022 14:57



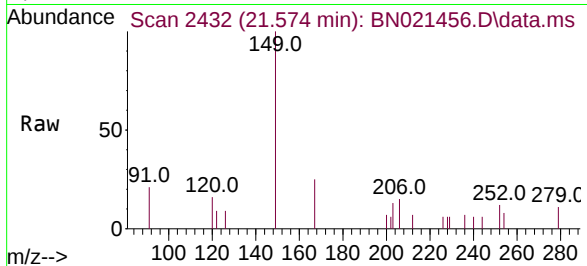
Tgt Ion:244 Resp: 5773
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.8 9.1 13.7





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.574 min Scan# 2431
 Delta R.T. 0.009 min
 Lab File: BN021456.D
 Acq: 30 Aug 2022 14:57

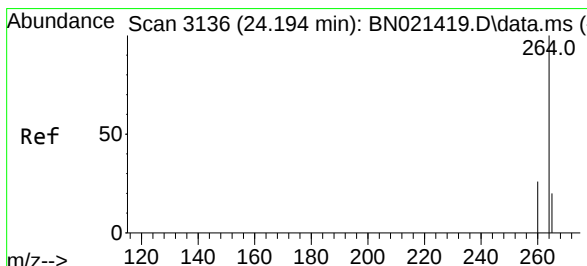
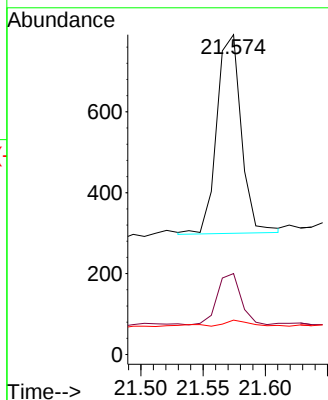
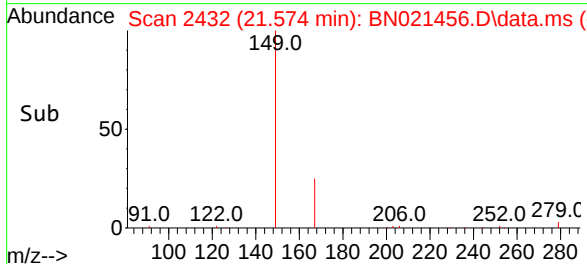
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20220818DL



Tgt Ion:149 Resp: 674
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.4 32.0
 279 3.0 2.2 3.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.197 min Scan# 3137
 Delta R.T. 0.003 min
 Lab File: BN021456.D
 Acq: 30 Aug 2022 14:57

Tgt Ion:264 Resp: 7921
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.0 31.6
 265 38.1 32.2 48.2

