

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021515.D
 Acq On : 01 Sep 2022 07:23
 Operator : CG/JU
 Sample : N4360-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20220824

Manual Integrations
 APPROVED

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

Quant Time: Sep 01 08:06:00 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	4371	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	13350	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	7267	0.400	ng	-0.01
19) Phenanthrene-d10	17.470	188	15920	0.400	ng	-0.01
29) Chrysene-d12	21.664	240	10258	0.400	ng	0.00
35) Perylene-d12	24.182	264	6392	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1208	0.141	ng	0.00
5) Phenol-d6	7.224	99	832	0.076	ng	0.00
8) Nitrobenzene-d5	9.243	82	2878m	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.486	152	10542	0.350	ng	-0.01
14) 2,4,6-Tribromophenol	16.218	330	753	0.316	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	10209	0.321	ng	-0.01
27) Fluoranthene-d10	19.501	212	16898	0.413	ng	0.00
31) Terphenyl-d14	20.088	244	11662	0.506	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	690	0.126	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.557	149	1171	0.081	ng	# 98

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

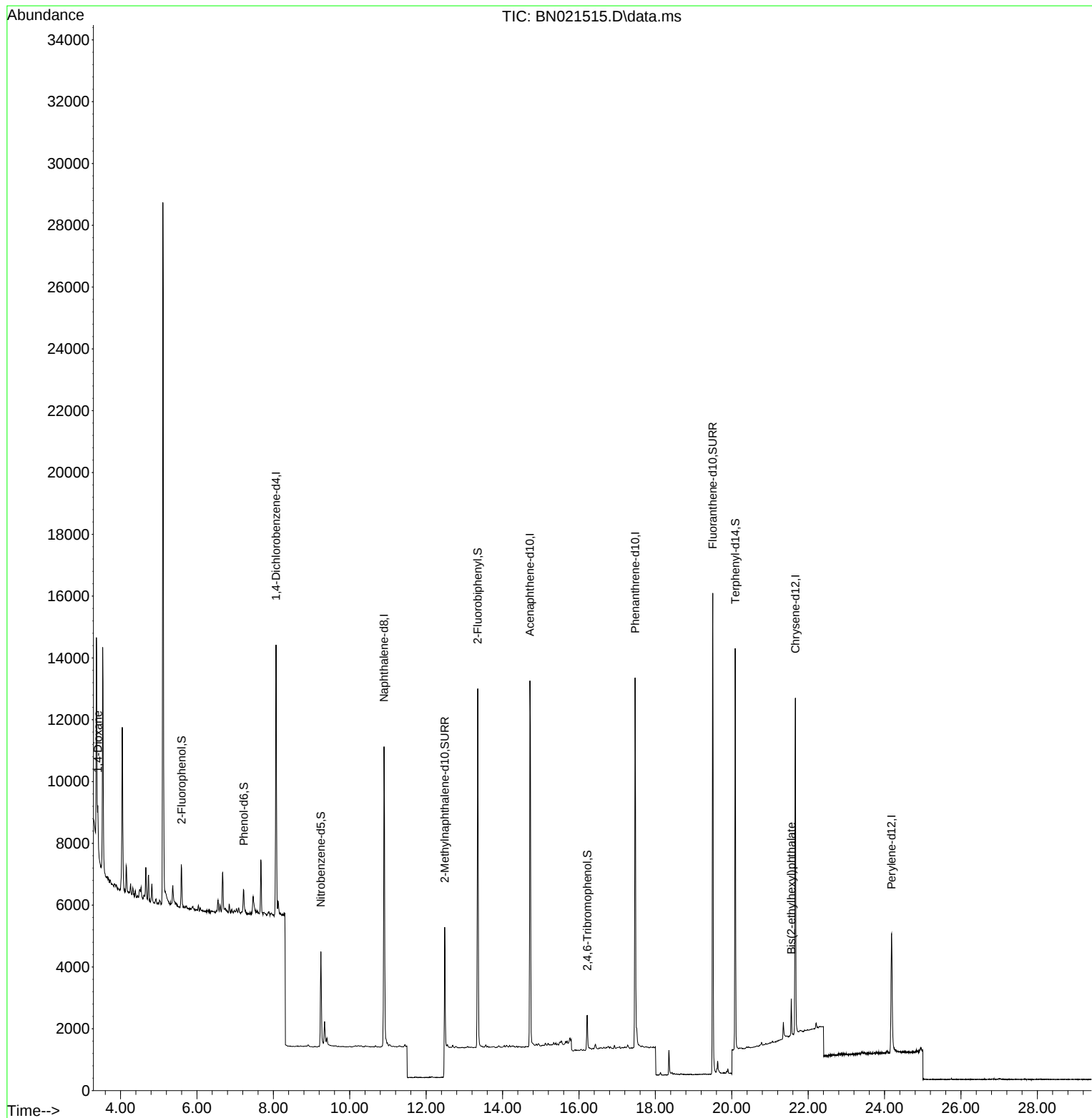
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
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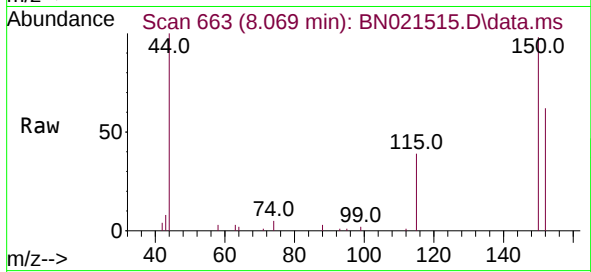
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.014 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

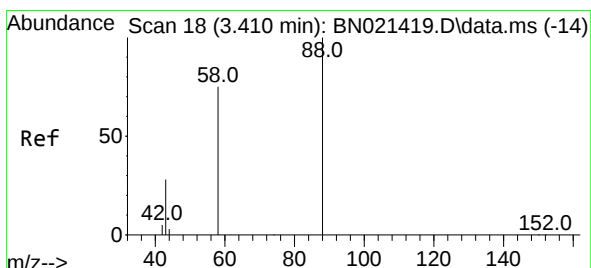
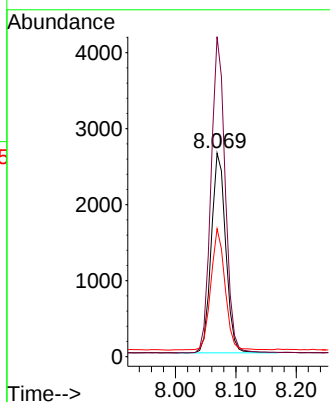
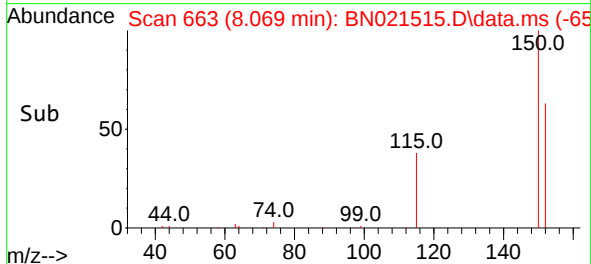
Instrument :
BNA_N
ClientSampleId :
RE135D2-20220824



Tgt Ion:152 Resp: 437
Ion Ratio Lower Upper
152 100
150 157.3 121.4 182.0
115 62.9 48.6 72.8

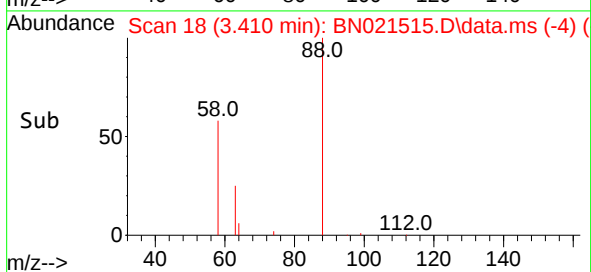
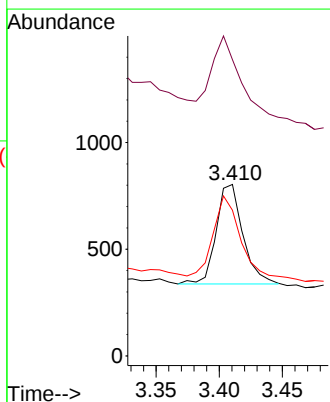
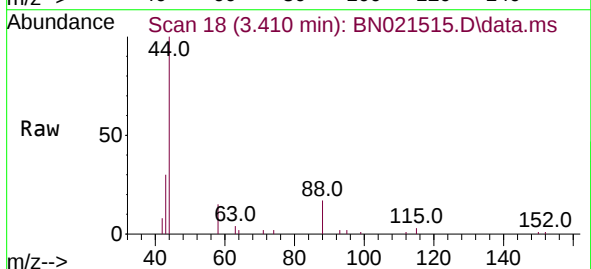
Manual Integrations
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#2
1,4-Dioxane
Concen: 0.126 ng
RT: 3.410 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

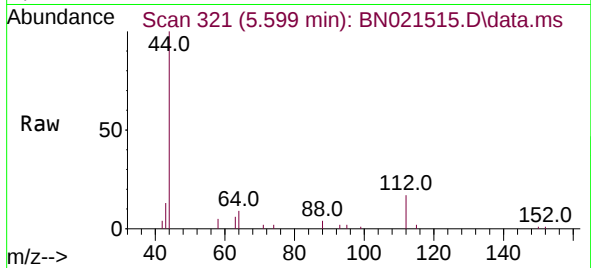
Tgt Ion: 88 Resp: 690
Ion Ratio Lower Upper
88 100
43 84.9 35.8 53.8
58 78.0 57.1 85.7





#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

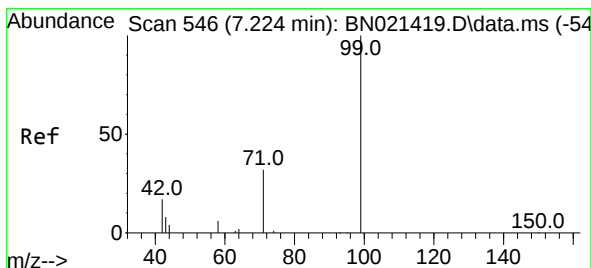
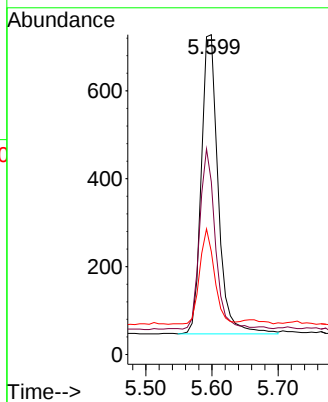
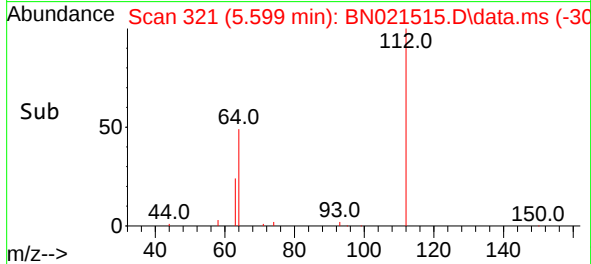
Instrument :
BNA_N
ClientSampleId :
RE135D2-20220824



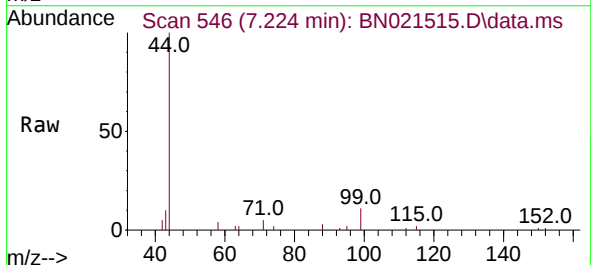
Tgt Ion: 112 Resp: 1208
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 27.9 22.6 34.0

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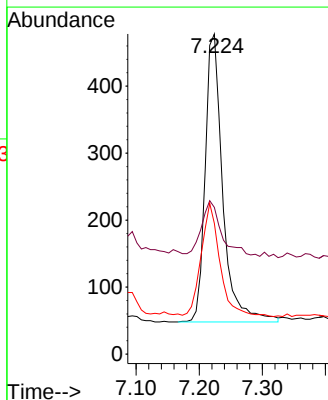
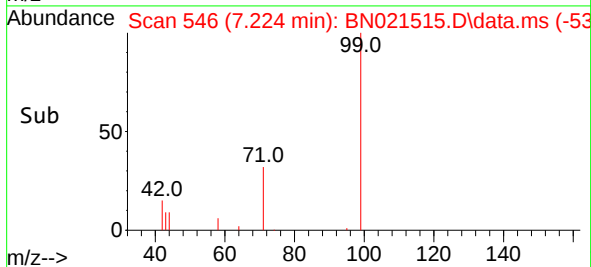
Reviewed By : Christian Giraldo 09/01/2022
Supervised By : Jagrut Upadhyay 09/01/2022



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23



Tgt Ion: 99 Resp: 832
Ion Ratio Lower Upper
99 100
42 22.5 15.5 23.3
71 42.3 24.2 36.2#





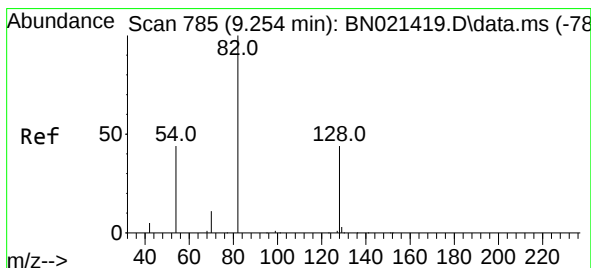
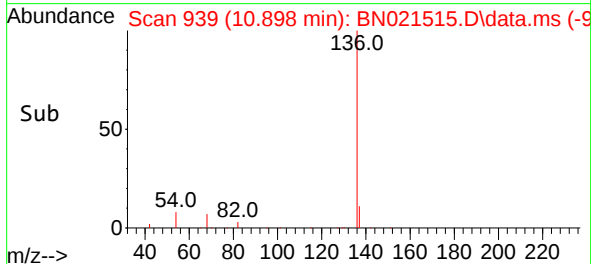
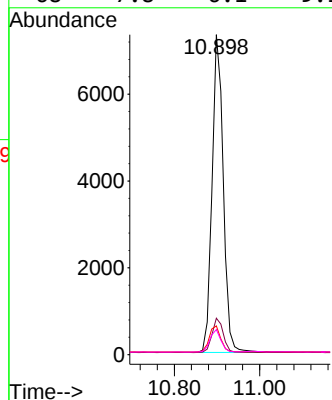
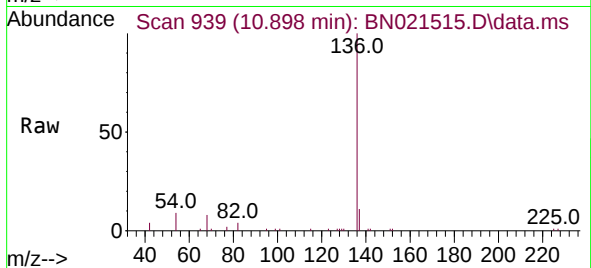
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

Instrument :
BNA_N
ClientSampleId :
RE135D2-20220824

Tgt Ion:	136	Resp:	13350
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.3	13.9
54	9.0	6.9	10.3
68	7.8	6.1	9.1

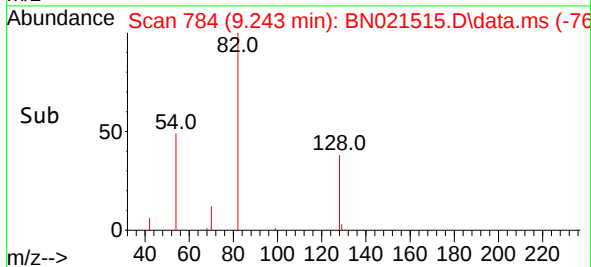
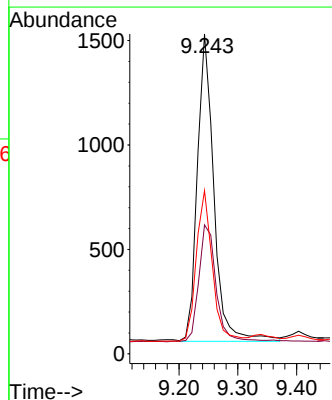
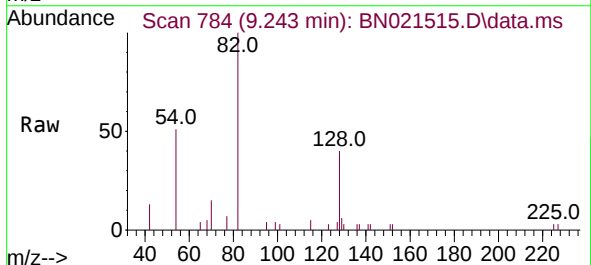
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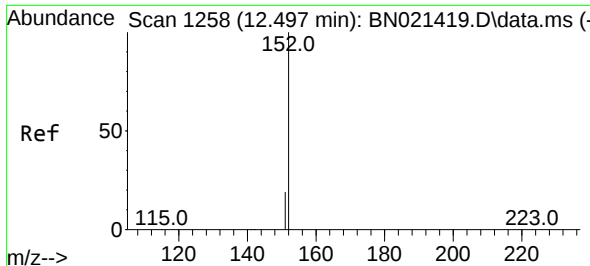
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#8
Nitrobenzene-d5
Concen: 0.319 ng m
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

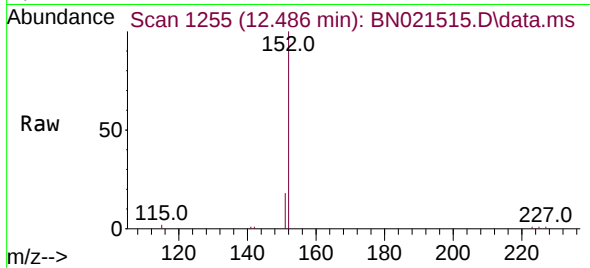
Tgt Ion:	82	Resp:	2878
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.9	46.3
54	51.0	42.7	64.1





#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

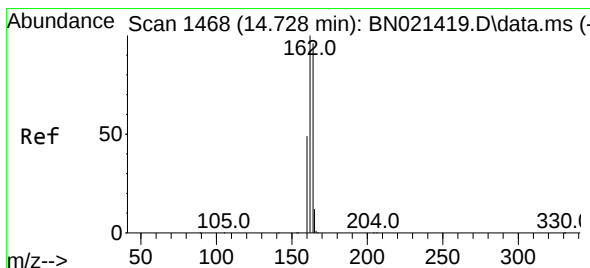
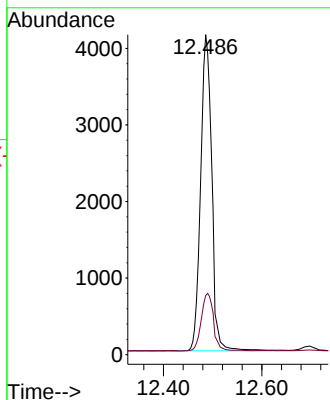
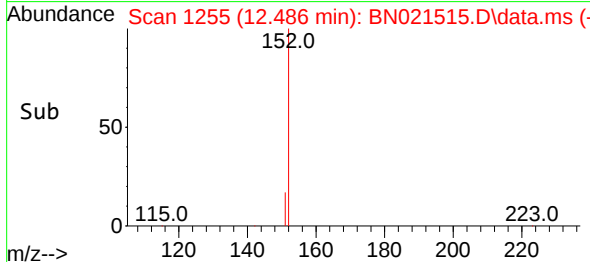
Instrument :
BNA_N
ClientSampleId :
RE135D2-20220824



Tgt Ion:152 Resp: 10542
Ion Ratio Lower Upper
152 100
151 17.2 14.5 21.7

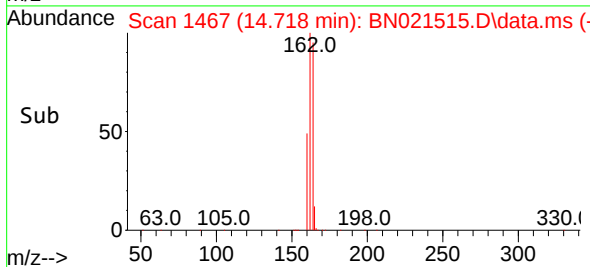
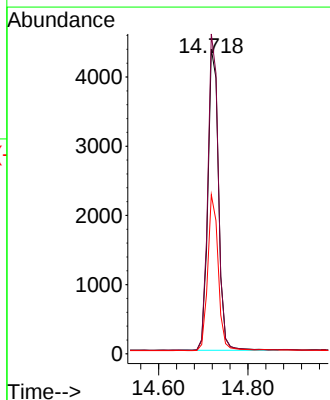
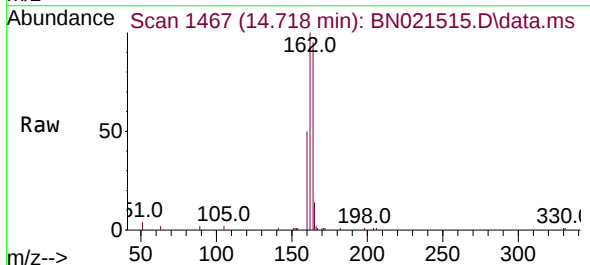
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.010 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

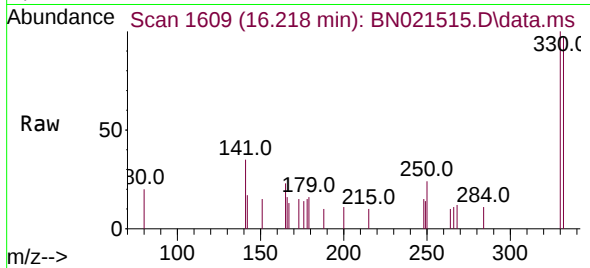
Tgt Ion:164 Resp: 7267
Ion Ratio Lower Upper
164 100
162 105.0 82.2 123.4
160 52.2 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

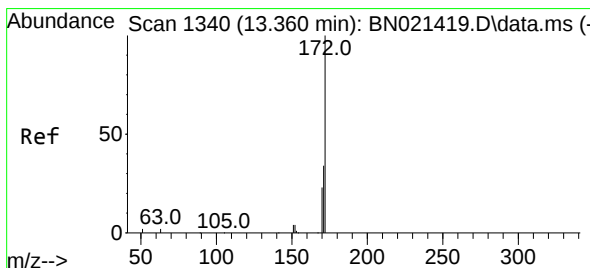
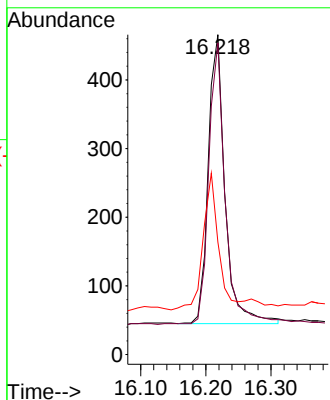
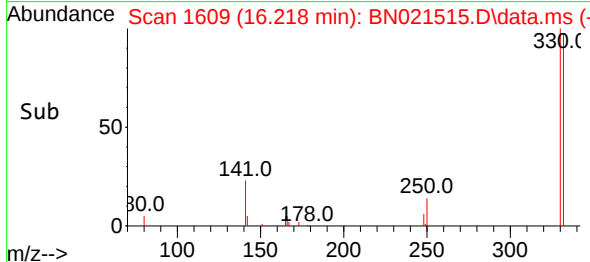
Instrument :
BNA_N
ClientSampleId :
RE135D2-20220824



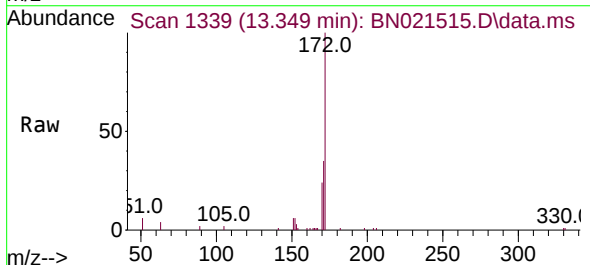
Tgt Ion: 330 Resp: 753
Ion Ratio Lower Upper
330 100
332 94.3 79.3 118.9
141 43.3 37.1 55.7

Manual Integrations
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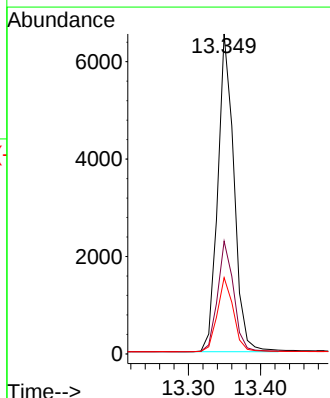
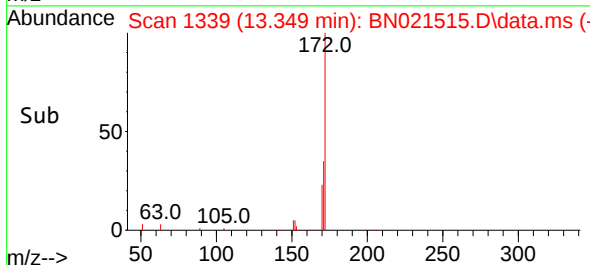
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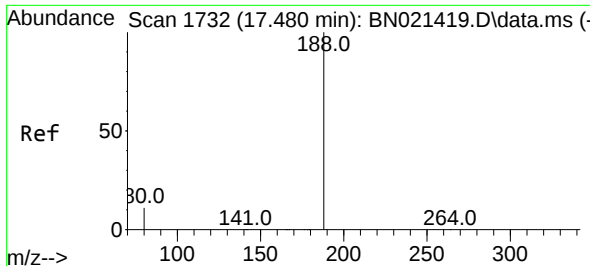


#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.349 min Scan# 1339
Delta R.T. -0.011 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23



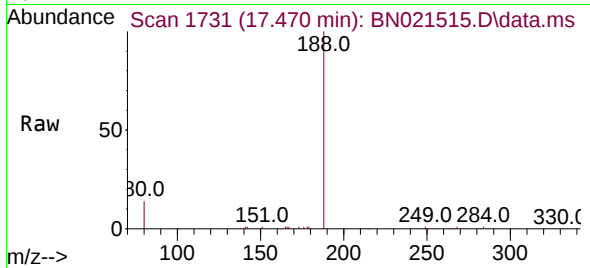
Tgt Ion: 172 Resp: 10209
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.8 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

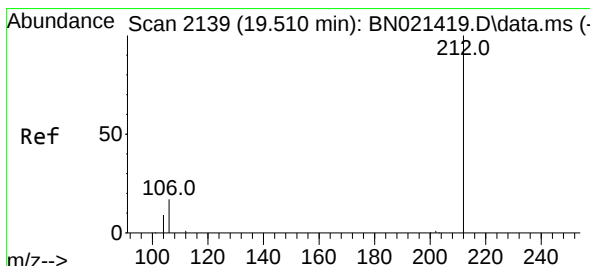
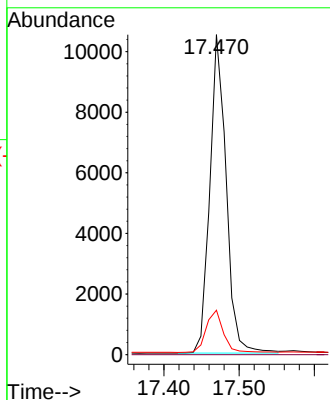
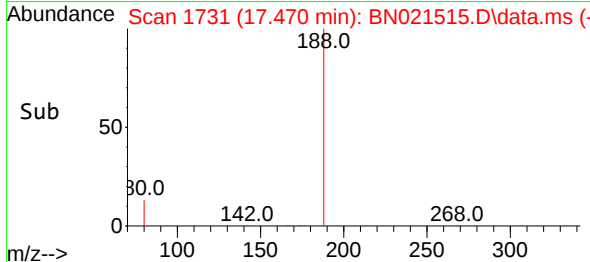
Instrument :
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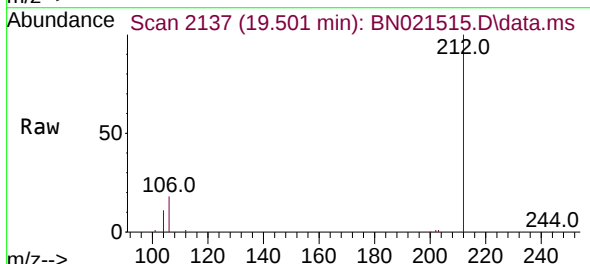
Tgt Ion:188 Resp: 15920
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.5 14.3

Manual Integrations
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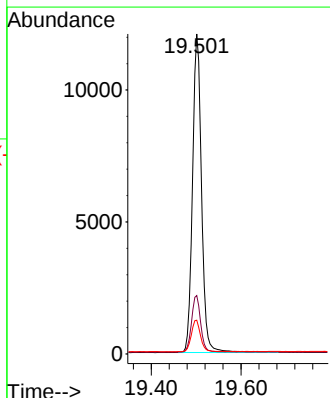
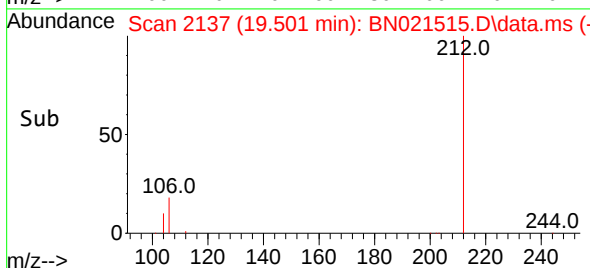
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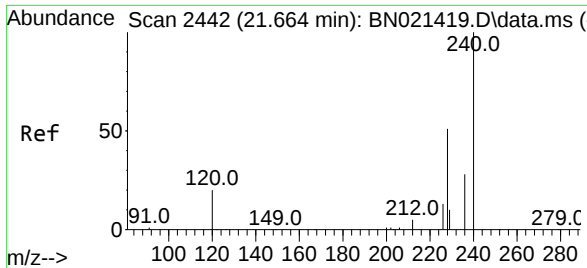


#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.008 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23



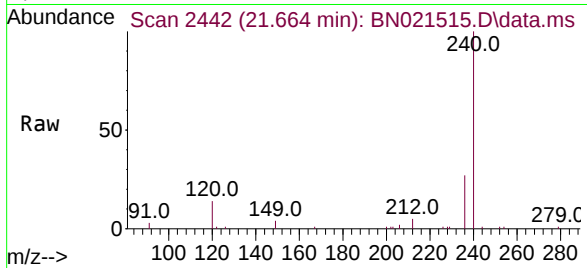
Tgt Ion:212 Resp: 16898
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.2 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

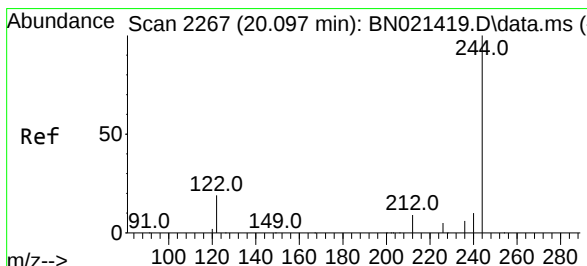
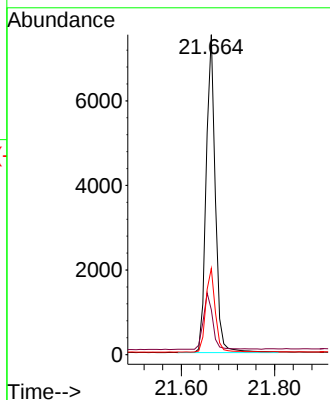
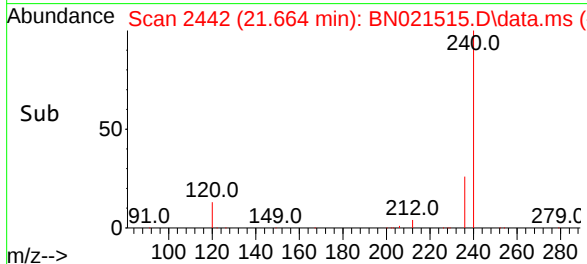
Instrument :
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RE135D2-20220824



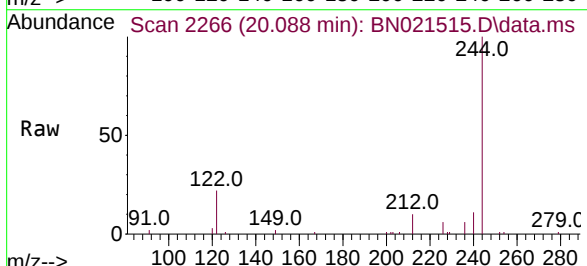
Tgt Ion:240 Resp: 10258
Ion Ratio Lower Upper
240 100
120 14.0 10.2 15.4
236 26.9 22.1 33.1

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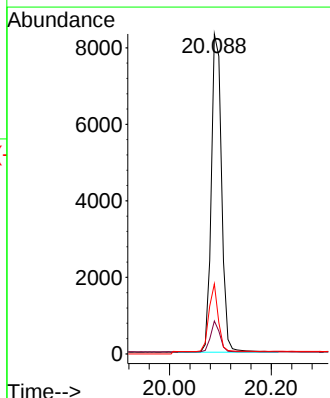
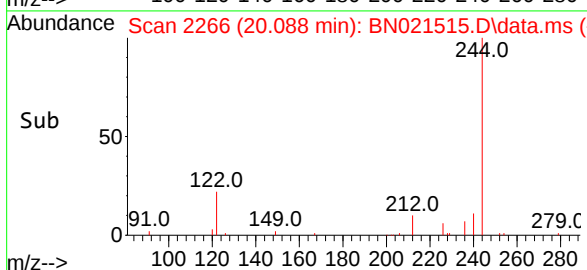
Reviewed By :Christian Giraldo 09/01/2022
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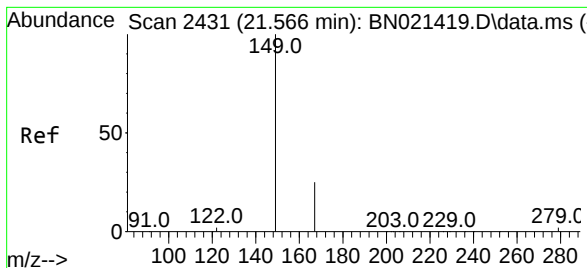


#31
Terphenyl-d14
Concen: 0.506 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23



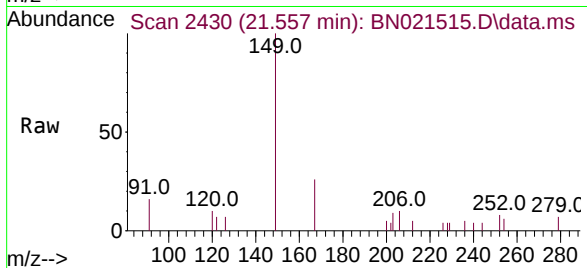
Tgt Ion:244 Resp: 11662
Ion Ratio Lower Upper
244 100
212 10.3 6.5 9.7#
122 21.9 9.1 13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.557 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23

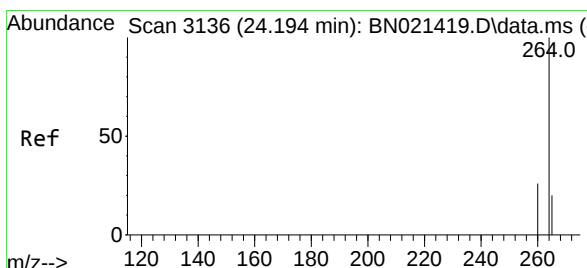
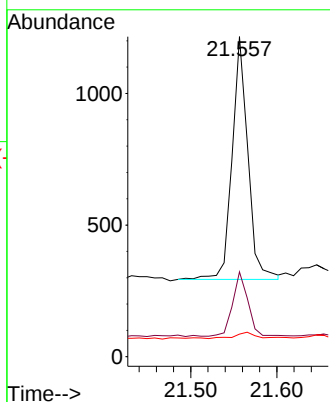
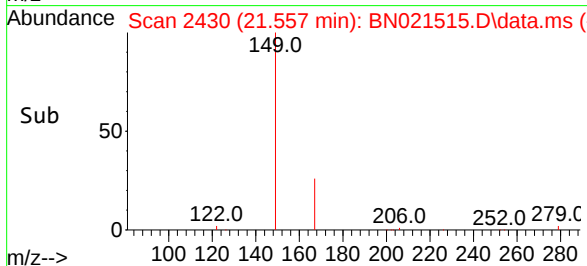
Instrument :
BNA_N
ClientSampleId :
RE135D2-20220824



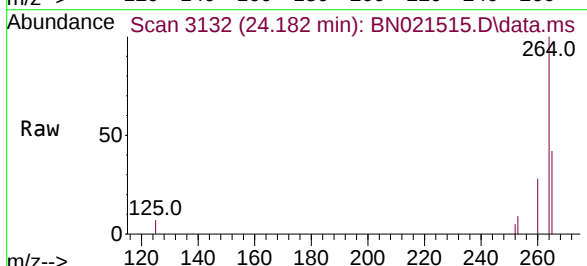
Tgt Ion:149 Resp: 117
Ion Ratio Lower Upper
149 100
167 25.6 21.4 32.0
279 3.3 2.2 3.2

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: 24.182 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BN021515.D
Acq: 01 Sep 2022 07:23



Tgt Ion:264 Resp: 6392
Ion Ratio Lower Upper
264 100
260 27.5 21.0 31.6
265 41.7 32.2 48.2

