

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021495.D
 Acq On : 31 Aug 2022 17:50
 Operator : CG/JU
 Sample : N4297-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220821

Manual Integrations
 APPROVED

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

Quant Time: Sep 01 03:20:54 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	4546	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14027	0.400	ng	# 0.00
13) Acenaphthene-d10	14.728	164	7454	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16200	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11327	0.400	ng	# 0.00
35) Perylene-d12	24.191	264	6624	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	1356	0.152	ng	0.00
5) Phenol-d6	7.224	99	972	0.086	ng	0.00
8) Nitrobenzene-d5	9.243	82	2991m	0.316	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	11720	0.371	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	710	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	11054	0.339	ng	0.00
27) Fluoranthene-d10	19.505	212	18784	0.451	ng	0.00
31) Terphenyl-d14	20.097	244	12570	0.494	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	44642	7.852	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.556	149	1271	0.080	ng	98

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

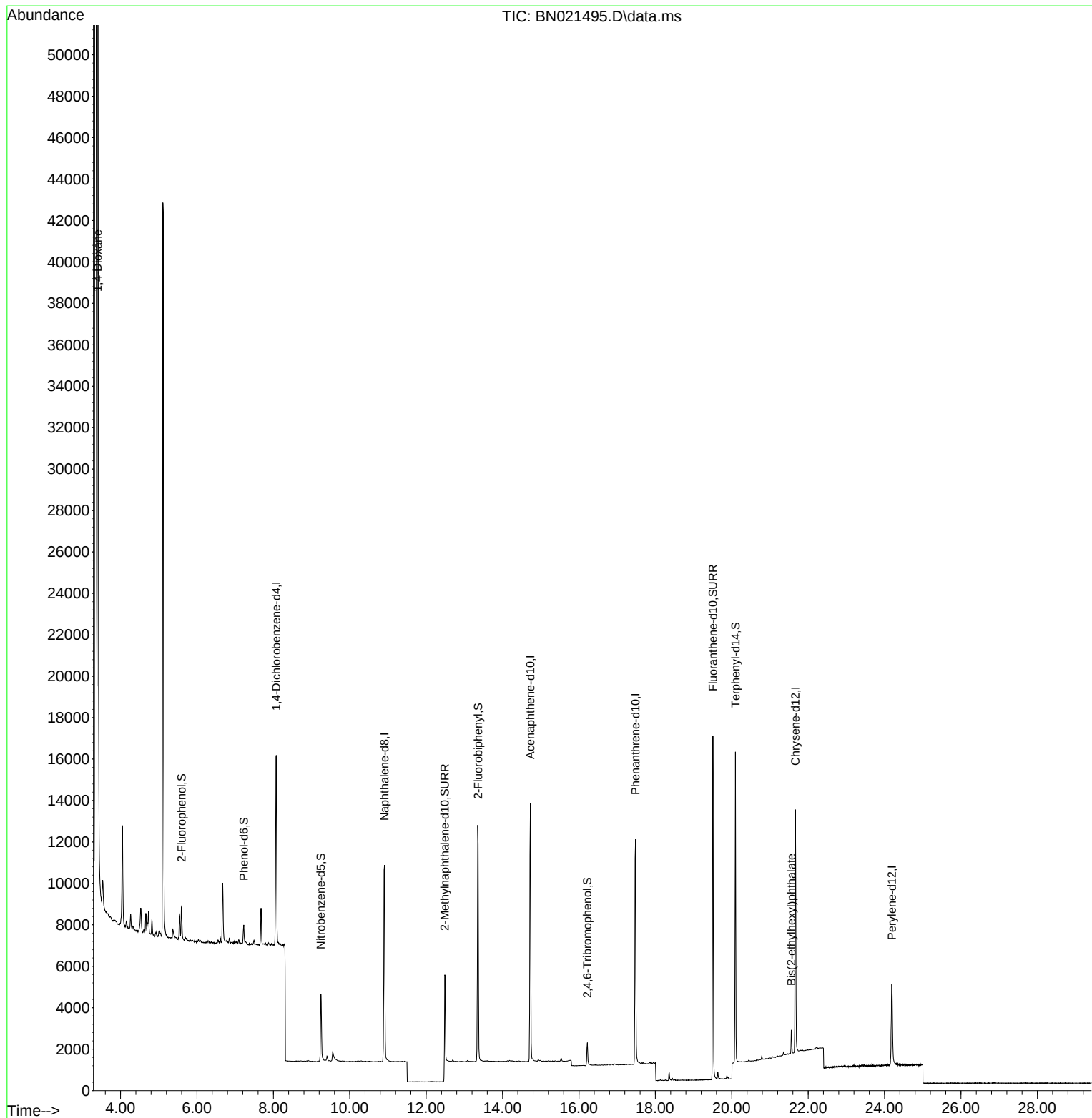
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021495.D
Acq On : 31 Aug 2022 17:50
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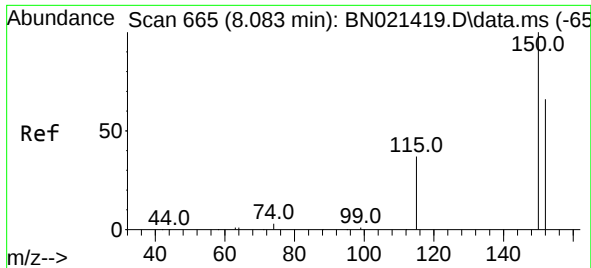
Instrument :
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RE131D1-20220821

Quant Time: Sep 01 03:20:54 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

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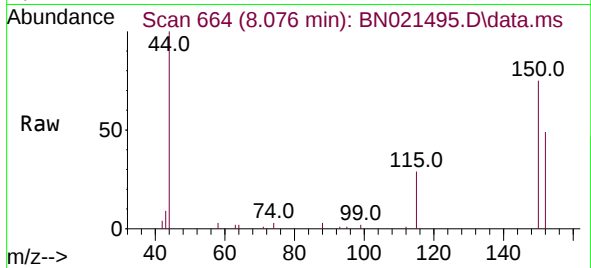
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021495.D
 Acq: 31 Aug 2022 17:50

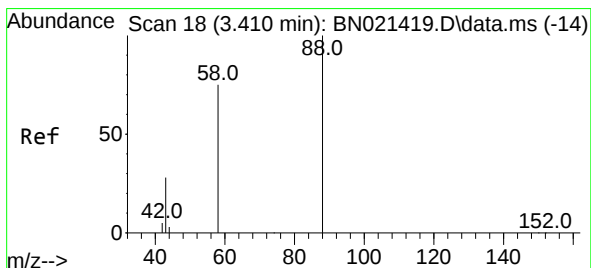
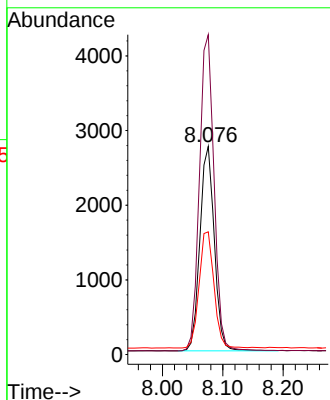
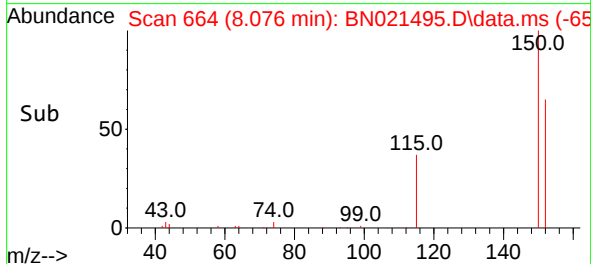
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20220821



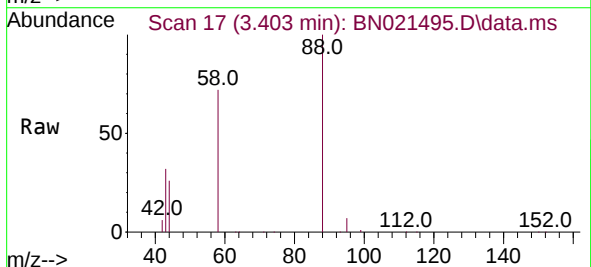
Tgt Ion:152 Resp: 4546
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.4 182.0
 115 59.0 48.6 72.8

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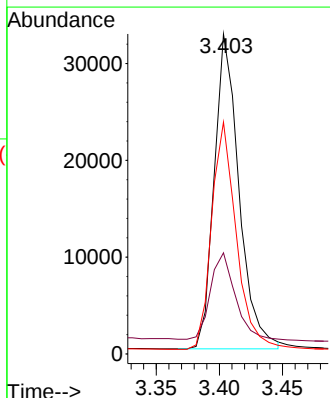
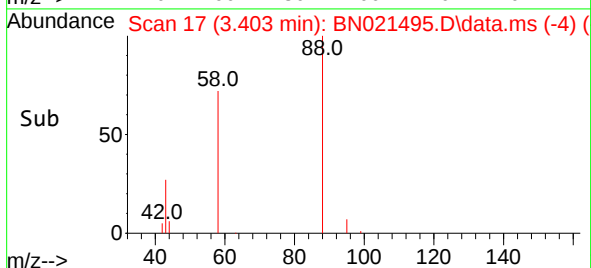
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022



#2
 1,4-Dioxane
 Concen: 7.852 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021495.D
 Acq: 31 Aug 2022 17:50



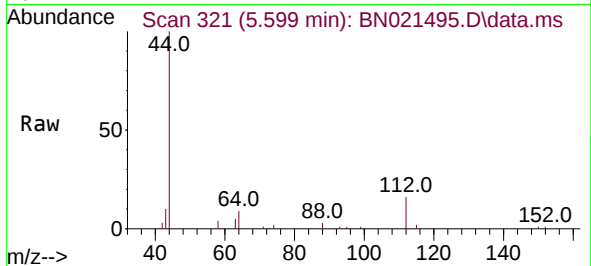
Tgt Ion: 88 Resp: 44642
 Ion Ratio Lower Upper
 88 100
 43 27.2 35.8 53.8
 58 71.7 57.1 85.7





#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.599 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

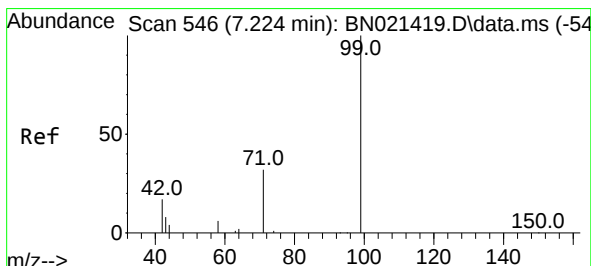
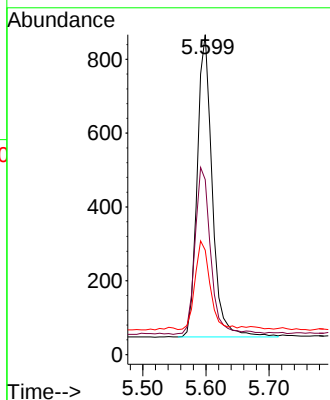
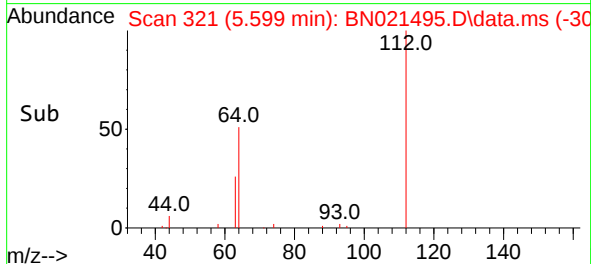
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220821



Tgt Ion: 112 Resp: 1356
Ion Ratio Lower Upper
112 100
64 57.5 43.5 65.3
63 29.1 22.6 34.0

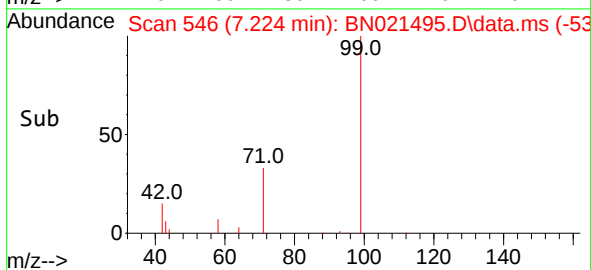
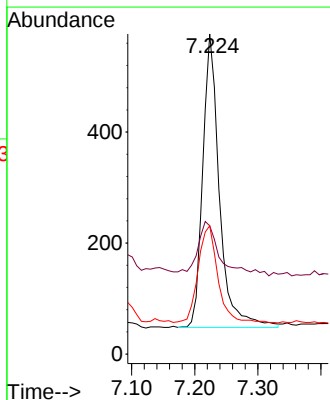
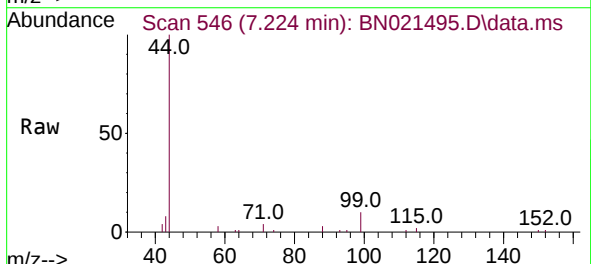
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#5
Phenol-d6
Concen: 0.086 ng
RT: 7.224 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

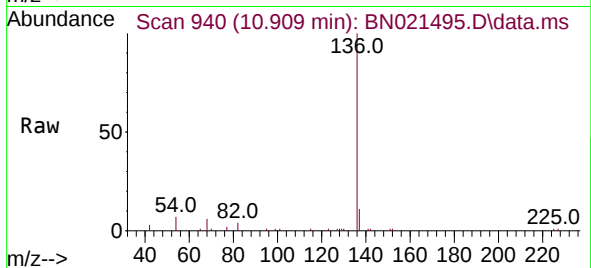
Tgt Ion: 99 Resp: 972
Ion Ratio Lower Upper
99 100
42 18.7 15.5 23.3
71 39.4 24.2 36.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

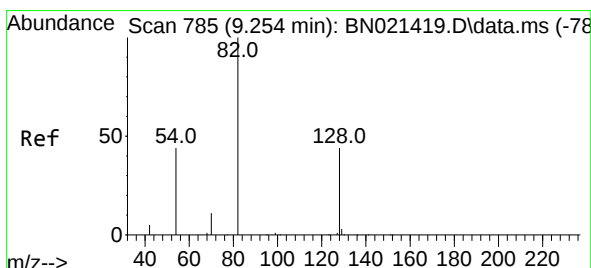
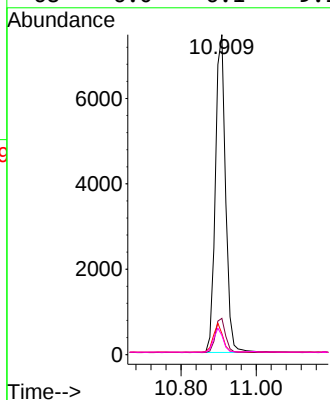
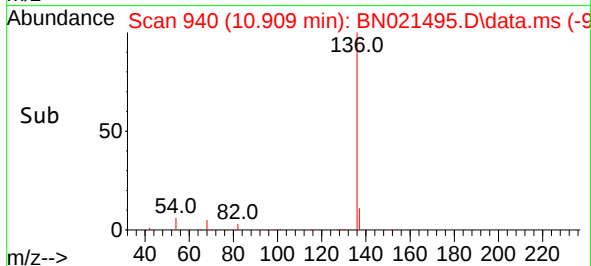
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220821



Tgt Ion:	136	Resp:	1402
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	6.6	6.9	10.3
68	6.0	6.1	9.1

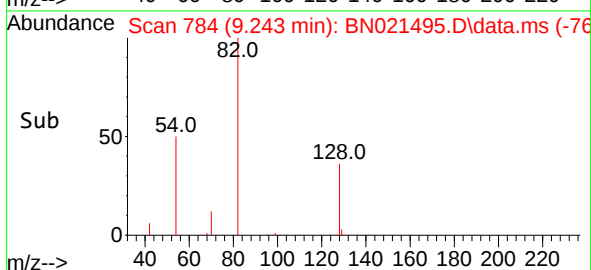
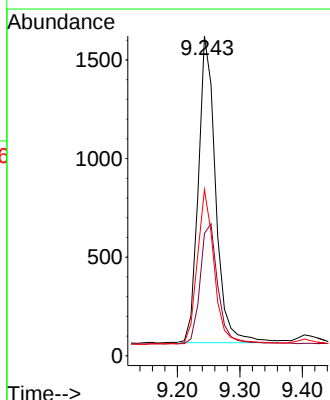
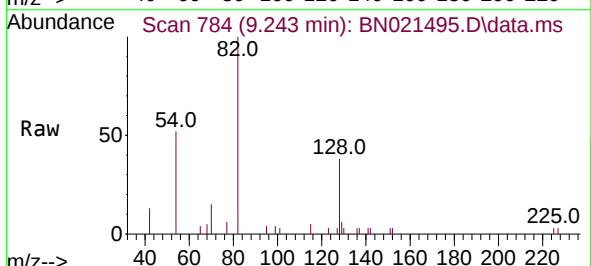
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#8
Nitrobenzene-d5
Concen: 0.316 ng m
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

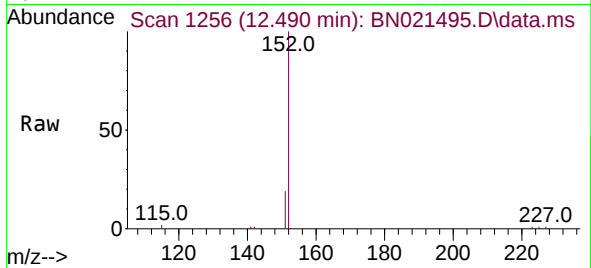
Tgt Ion:	82	Resp:	2991
Ion Ratio	Lower	Upper	
82	100		
128	38.3	30.9	46.3
54	52.0	42.7	64.1





#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

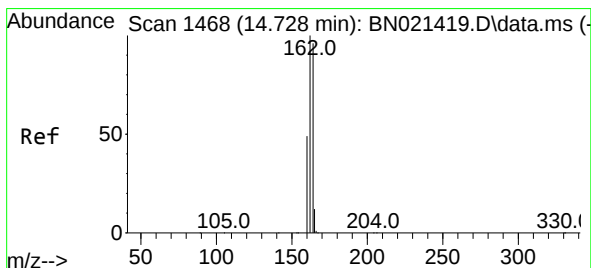
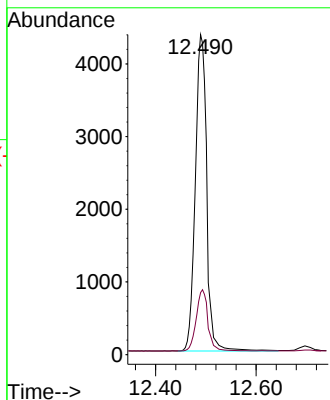
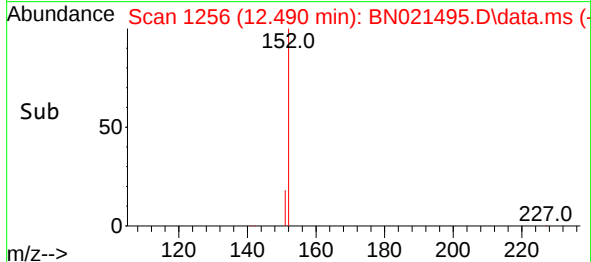
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220821



Tgt Ion:152 Resp: 11720
Ion Ratio Lower Upper
152 100
151 17.9 14.5 21.7

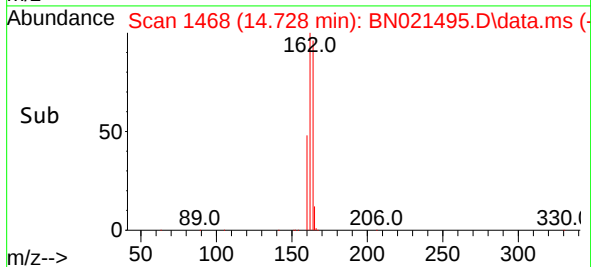
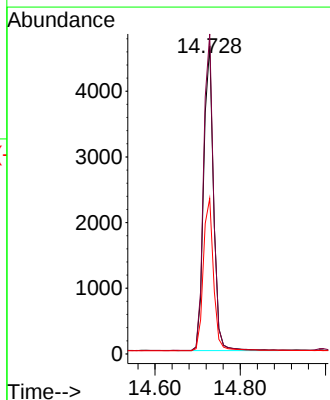
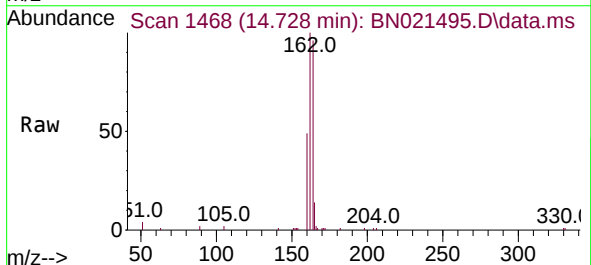
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

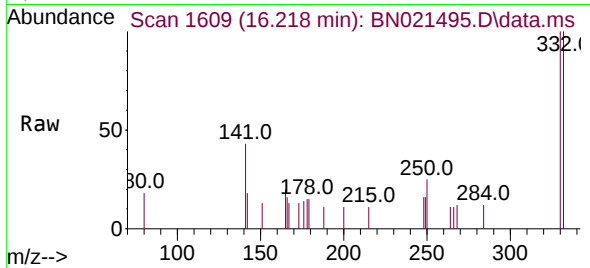
Tgt Ion:164 Resp: 7454
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 50.4 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

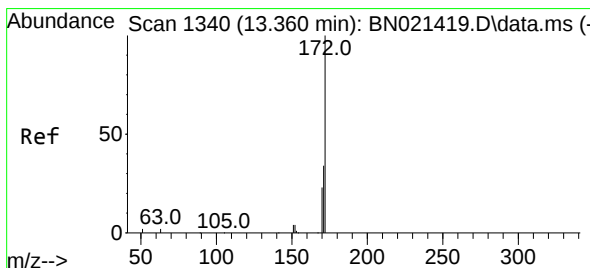
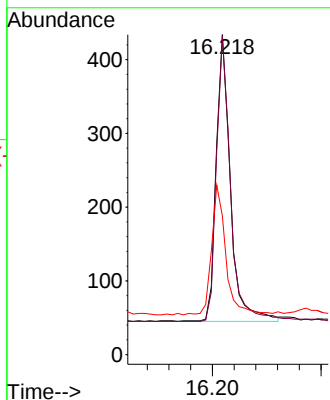
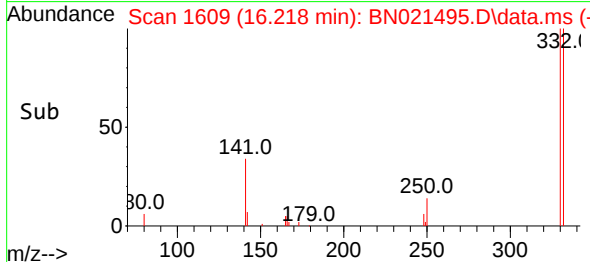
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ClientSampleId :
RE131D1-20220821



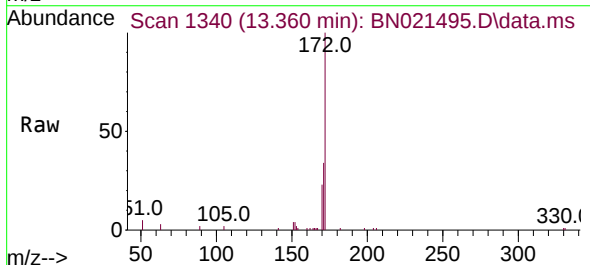
Tgt Ion:330 Resp: 710
Ion Ratio Lower Upper
330 100
332 98.5 79.3 118.9
141 45.2 37.1 55.7

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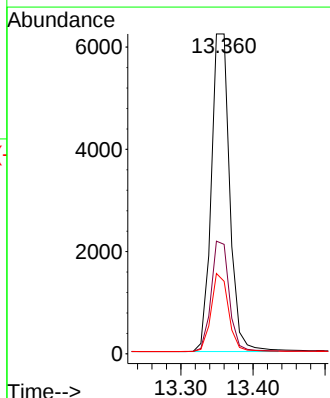
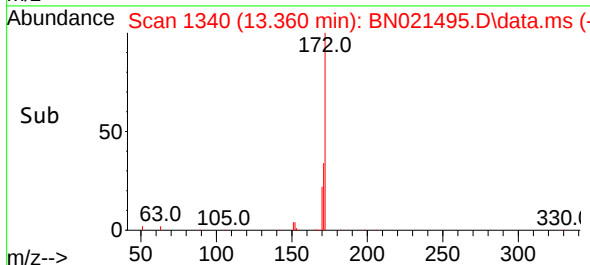
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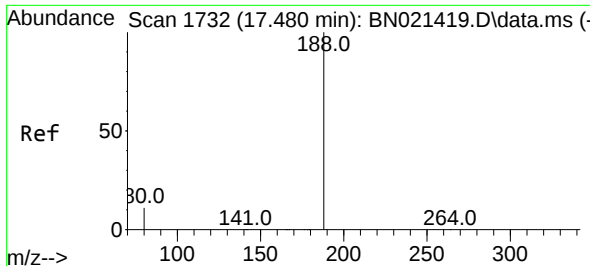


#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50



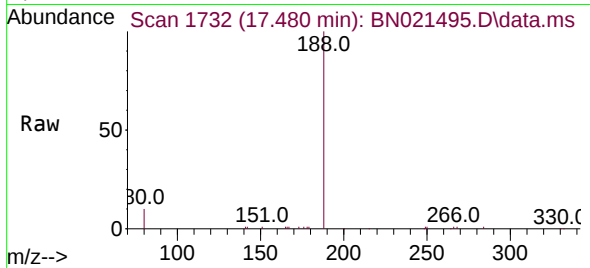
Tgt Ion:172 Resp: 11054
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 22.7 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

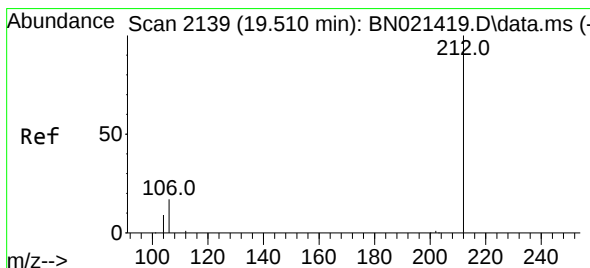
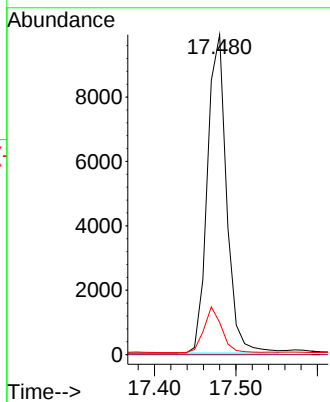
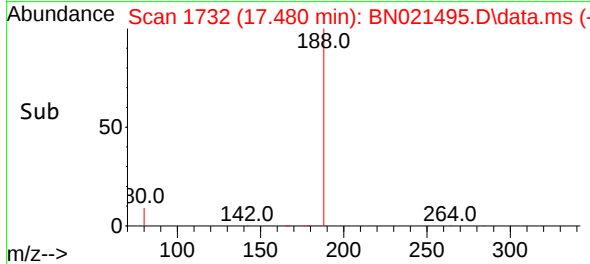
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Tgt Ion:188 Resp: 16200
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 9.5 14.3

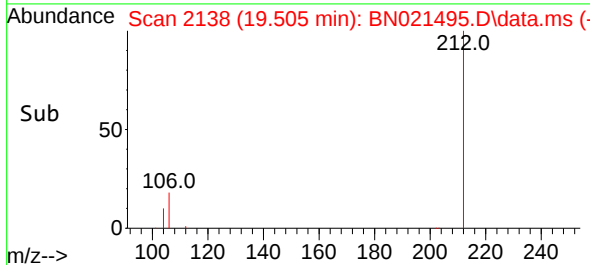
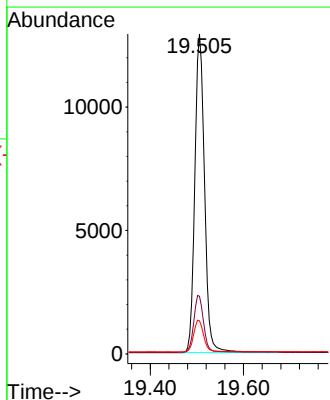
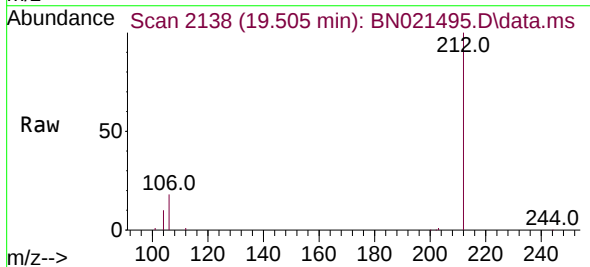
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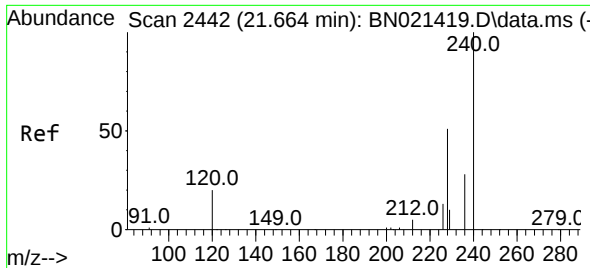
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#27
Fluoranthene-d10
Concen: 0.451 ng
RT: 19.505 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

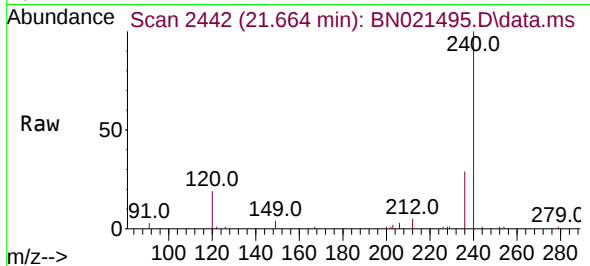
Tgt Ion:212 Resp: 18784
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.1 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

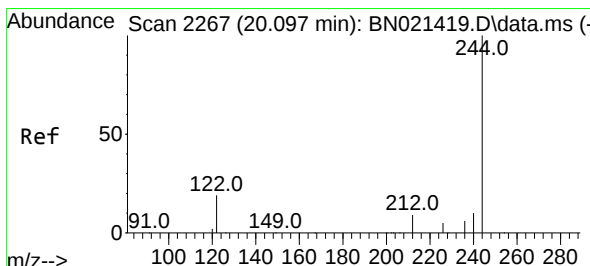
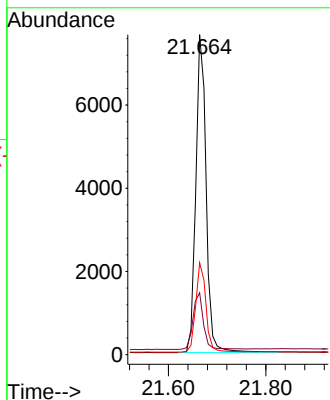
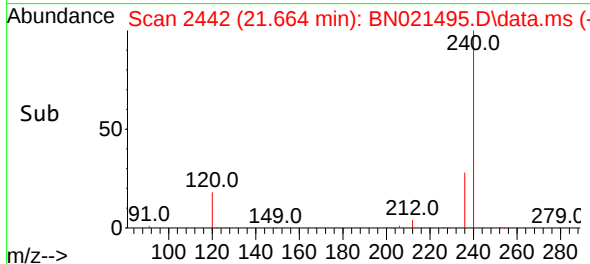
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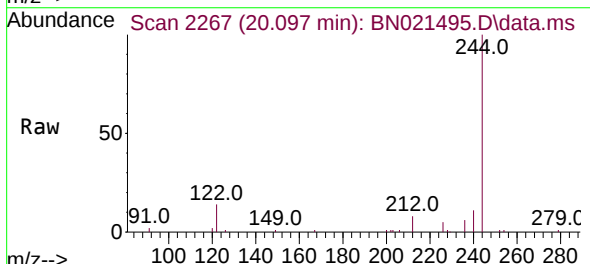
Tgt Ion:240 Resp: 11327
Ion Ratio Lower Upper
240 100
120 19.3 10.2 15.4#
236 28.7 22.1 33.1#

Manual Integrations
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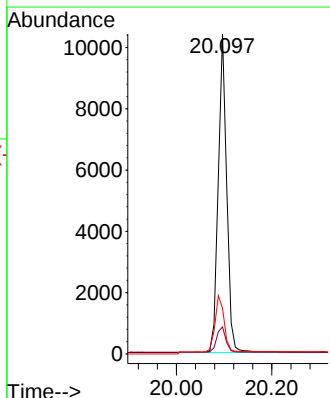
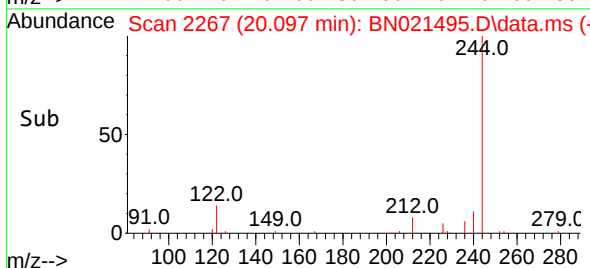
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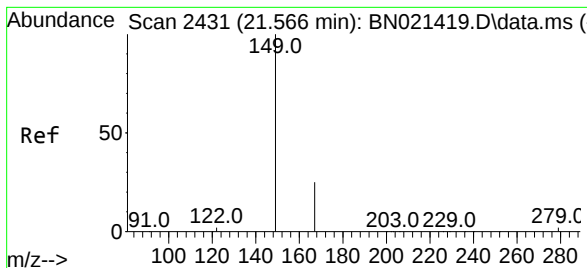


#31
Terphenyl-d14
Concen: 0.494 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50



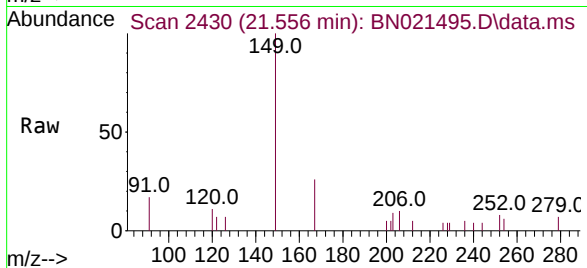
Tgt Ion:244 Resp: 12570
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 14.3 9.1 13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.556 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

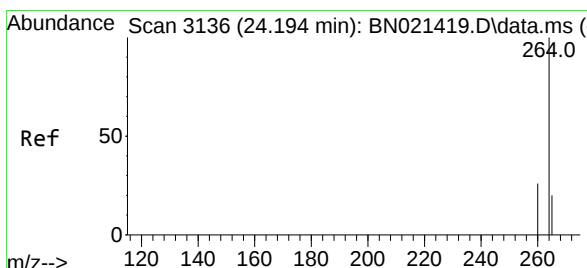
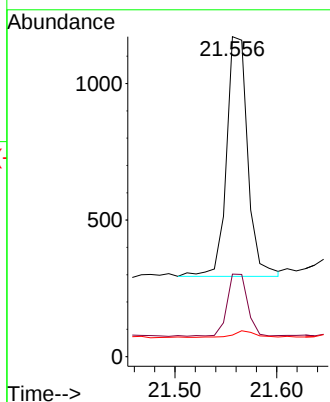
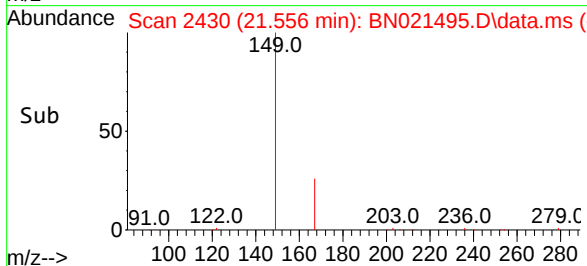
Instrument :
BNA_N
ClientSampleId :
RE131D1-20220821



Tgt Ion:149 Resp: 127
Ion Ratio Lower Upper
149 100
167 25.3 21.4 32.0
279 2.8 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: 24.191 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN021495.D
Acq: 31 Aug 2022 17:50

Tgt Ion:264 Resp: 6624
Ion Ratio Lower Upper
264 100
260 27.6 21.0 31.6
265 42.2 32.2 48.2

