

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017902.D
 Acq On : 11 Dec 2021 12:19
 Operator : CG/JU
 Sample : M4923-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20211130

Quant Time: Dec 11 21:30:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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 Supervised By :Yogesh Patel 12/16/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	25405	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	103972	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	70678	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	143367	0.400	ng	0.00
29) Chrysene-d12	21.293	240	108703	0.400	ng	0.00
35) Perylene-d12	23.592	264	73303	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5835	0.111	ng	0.00
5) Phenol-d6	6.903	99	3252	0.063	ng	0.00
8) Nitrobenzene-d5	8.859	82	17072	0.251	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	45945	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4495	0.449	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	68656	0.276	ng	0.00
27) Fluoranthene-d10	19.124	212	167516	0.360	ng	0.00
31) Terphenyl-d14	19.730	244	134304	0.501	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	3422m	0.444	ng	Qvalue
25) Phenanthrene	17.129	178	9156	0.025	ng	97
34) Bis(2-ethylhexyl)phtha...	21.208	149	19373	0.166	ng	99

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

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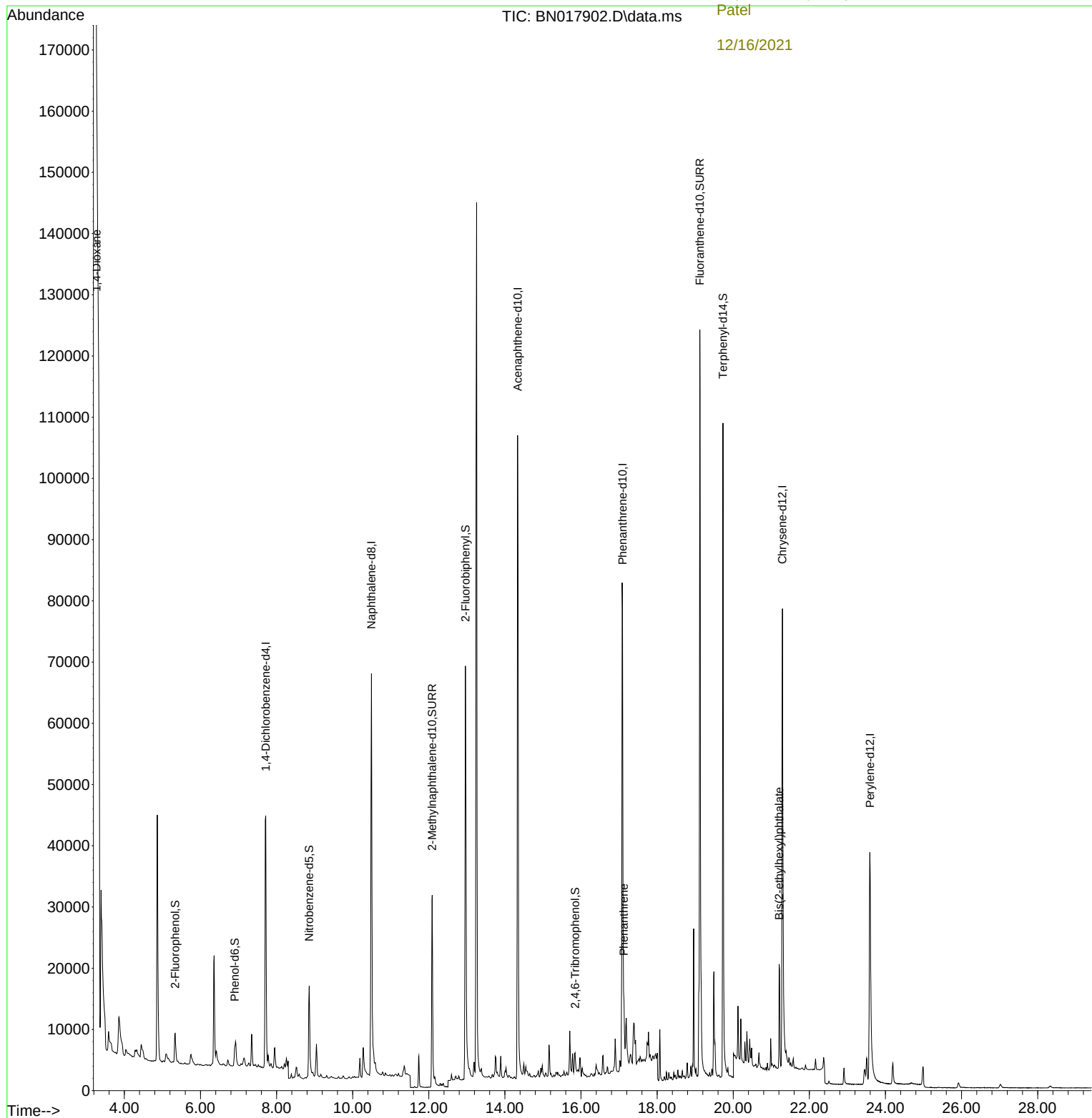
Quant Time: Dec 11 21:30:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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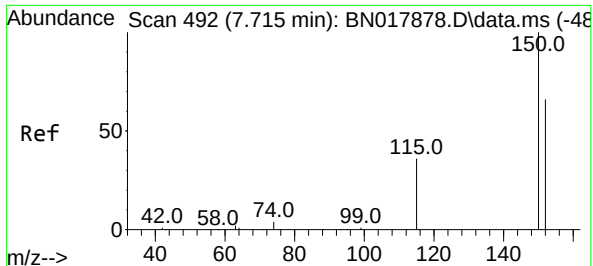
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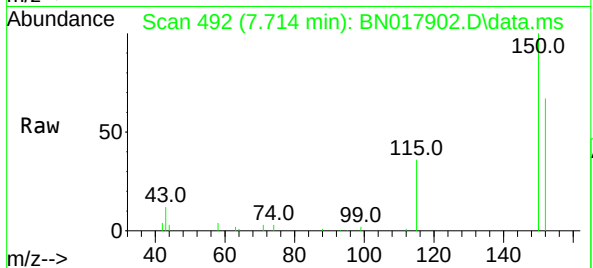
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
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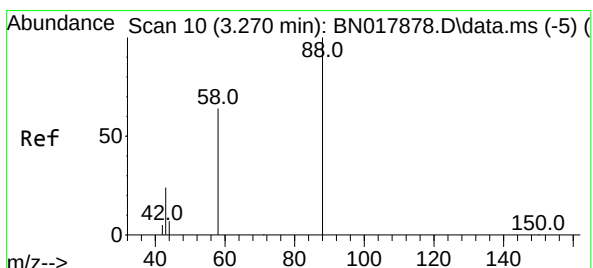
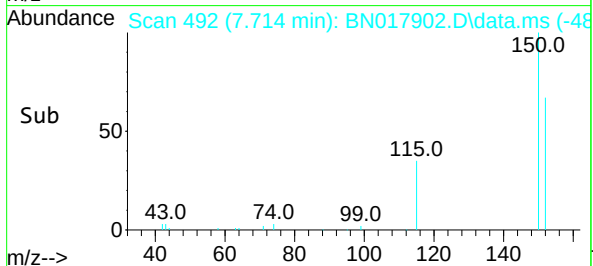
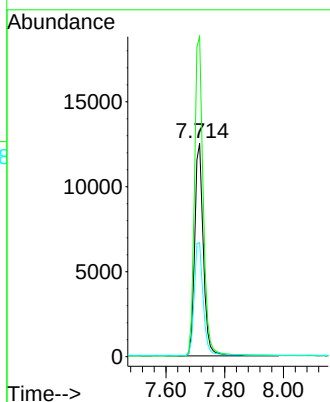
Tgt Ion: 152 Resp: 2540
Ion Ratio Lower Upper
152 100
150 150.0 121.9 182.9
115 53.4 44.1 66.1

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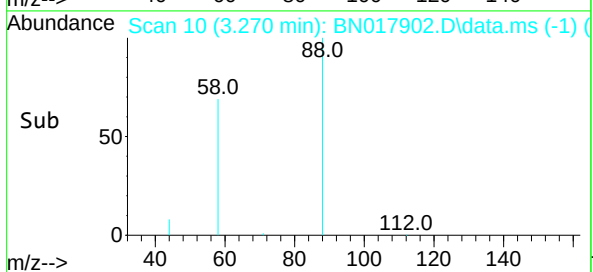
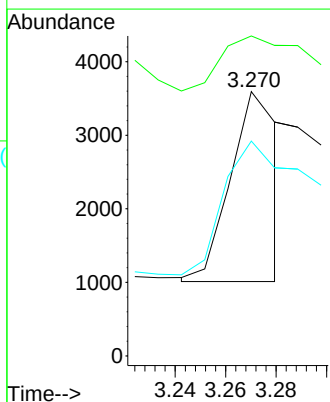
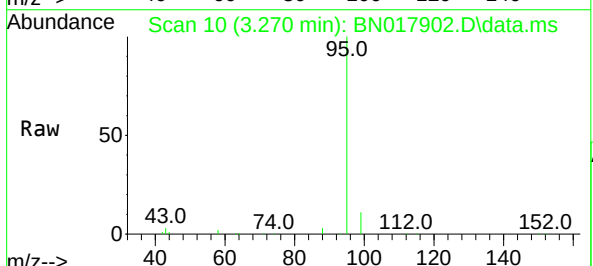
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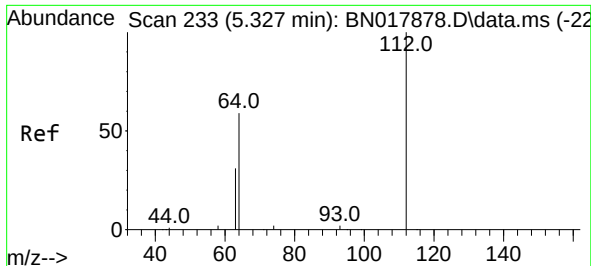
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#2
1,4-Dioxane
Concen: 0.444 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion: 88 Resp: 3422
Ion Ratio Lower Upper
88 100
43 49.6 28.0 42.0#
58 119.8 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130

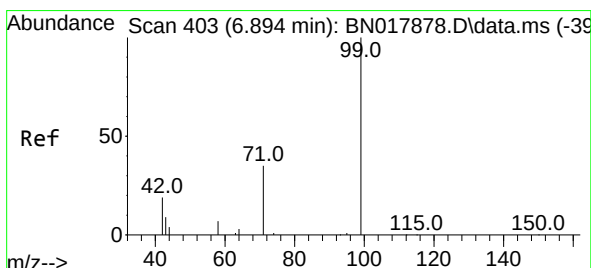
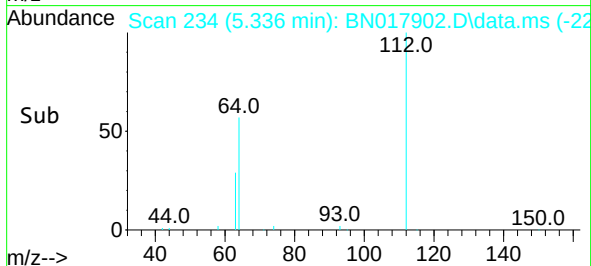
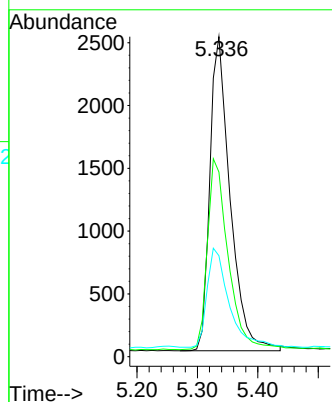
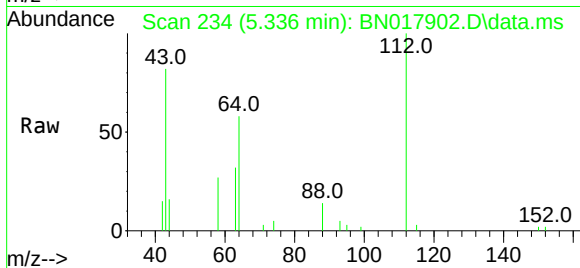
Tgt Ion:112 Resp: 583
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.4
63 34.1 26.2 39.2

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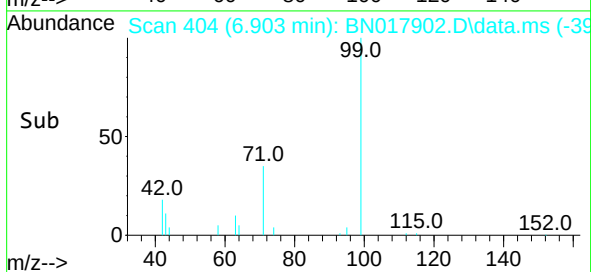
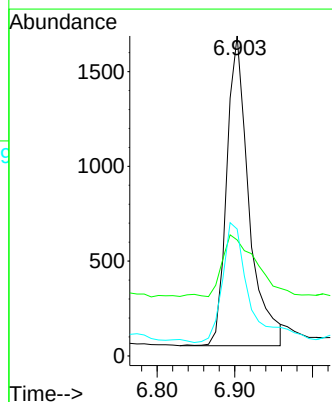
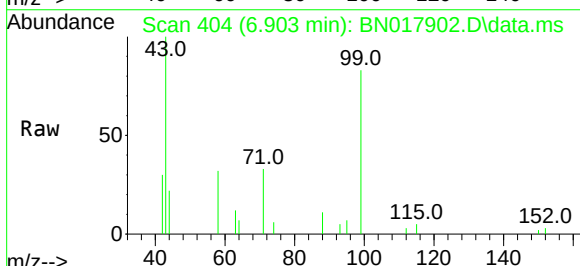
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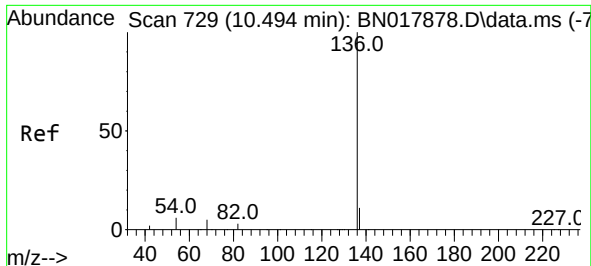
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#5
Phenol-d6
Concen: 0.063 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

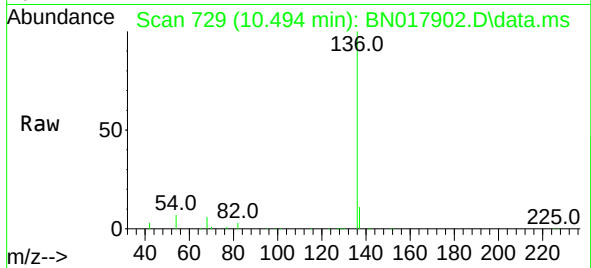
Tgt Ion: 99 Resp: 3252
Ion Ratio Lower Upper
99 100
42 29.6 17.0 25.4#
71 44.1 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
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ClientSampleId :
RE103D2-20211130



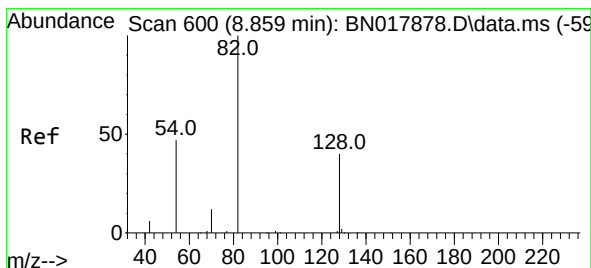
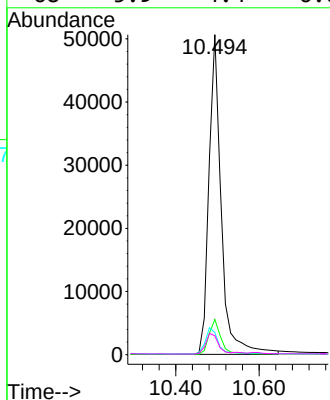
Tgt Ion:136 Resp: 103972
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.1 7.7
68 5.9 4.4 6.6

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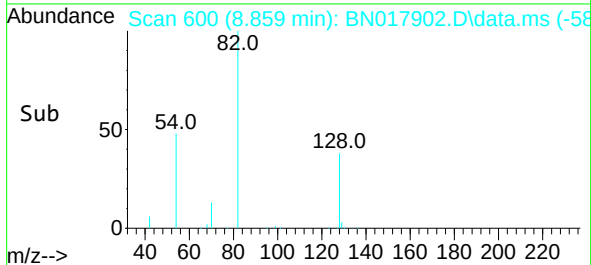
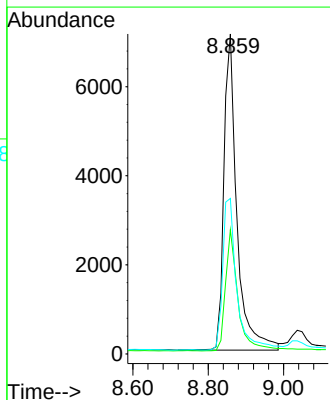
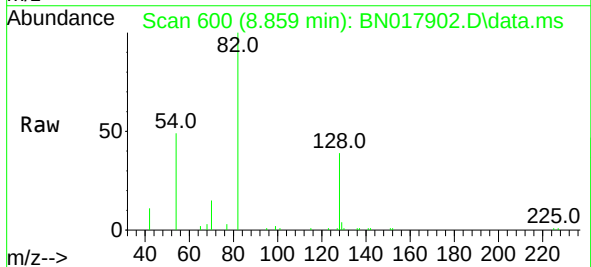
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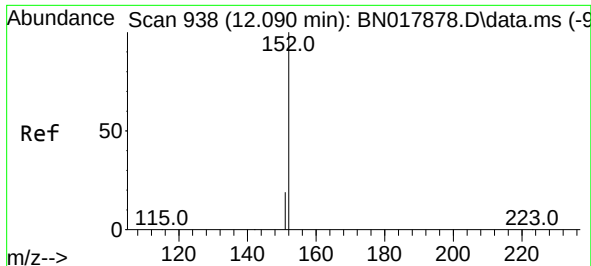
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#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

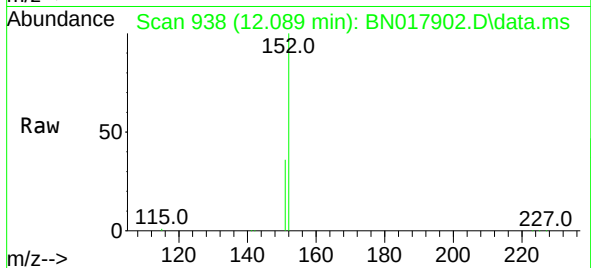
Tgt Ion: 82 Resp: 17072
Ion Ratio Lower Upper
82 100
128 38.8 32.2 48.4
54 48.6 37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

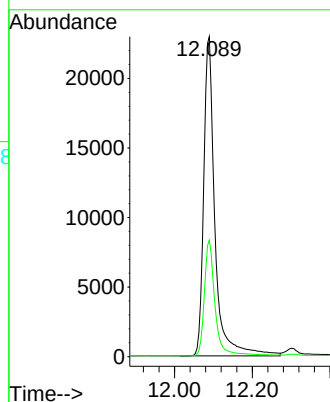
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 45945
Ion Ratio Lower Upper
152 100
151 34.5 16.4 24.6

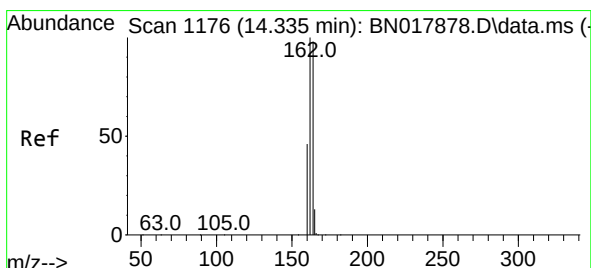
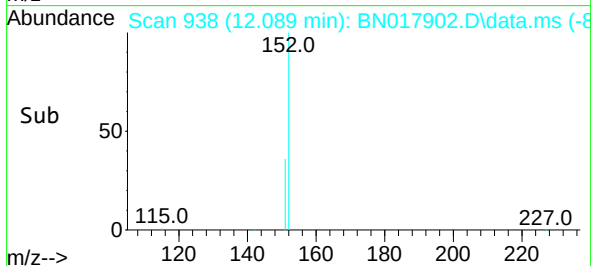
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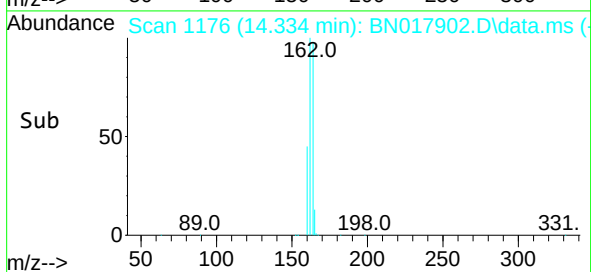
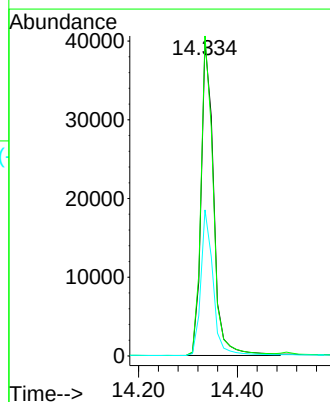
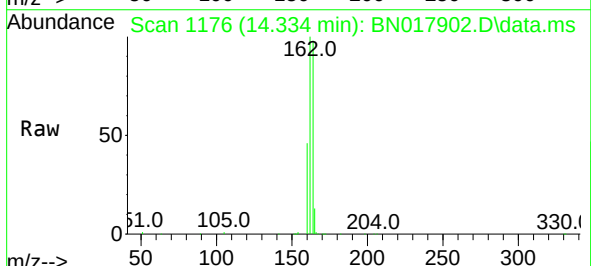
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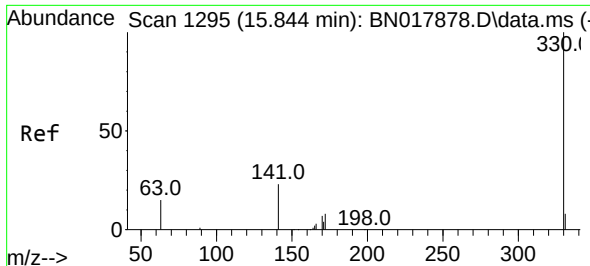
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

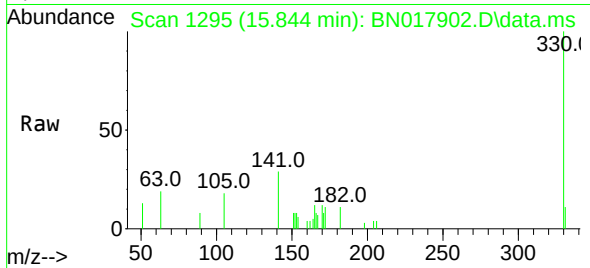
Tgt Ion:164 Resp: 70678
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 46.5 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.449 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
ClientSampleId :
RE103D2-20211130



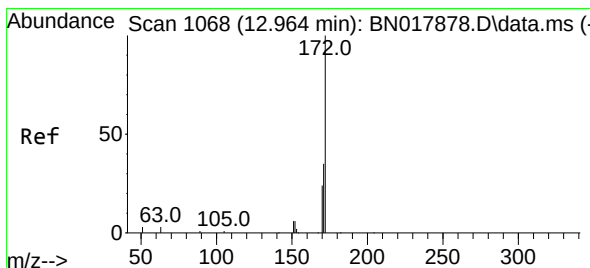
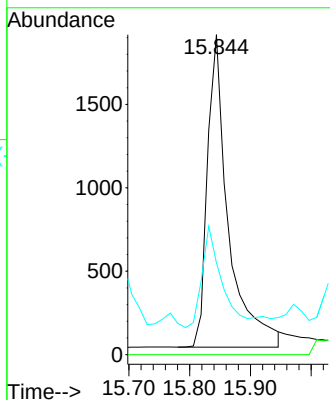
Tgt Ion:330 Resp: 449
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.2 19.7 29.5

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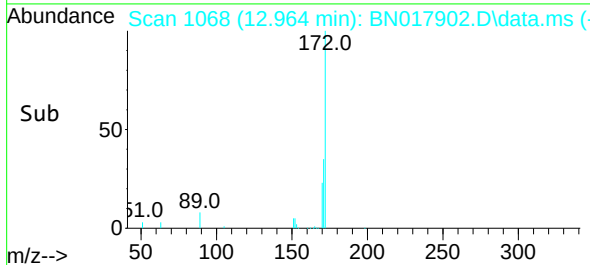
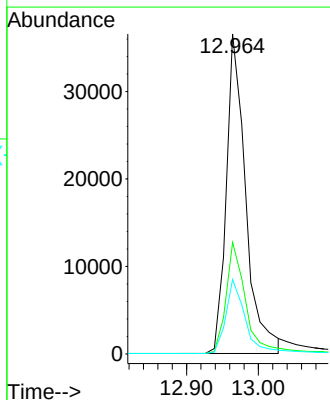
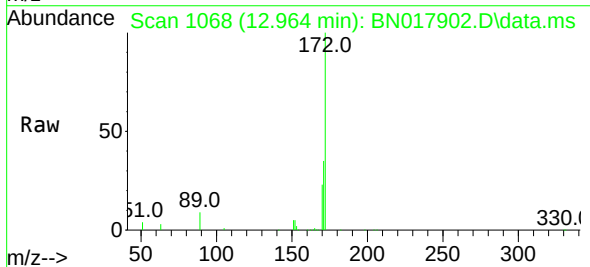
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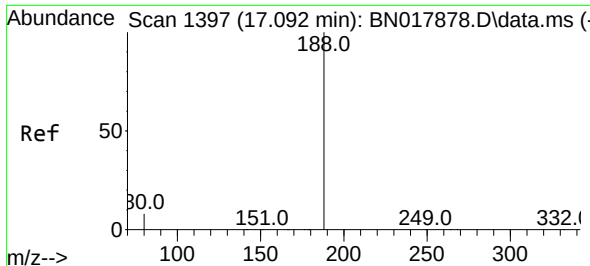
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#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

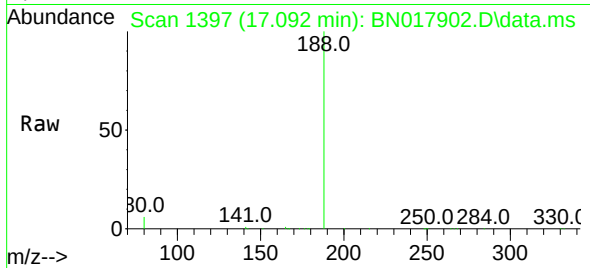
Tgt Ion:172 Resp: 68656
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
BNA_N
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RE103D2-20211130



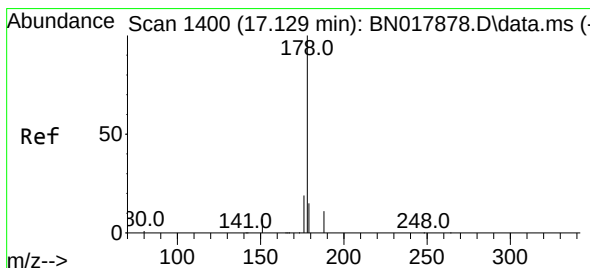
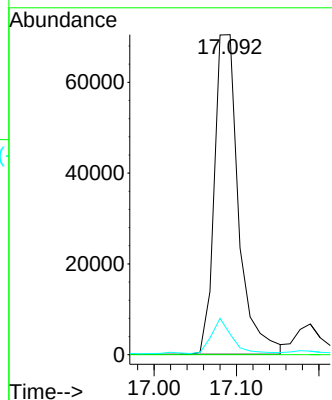
Tgt Ion:188 Resp: 14336
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 6.2 9.2

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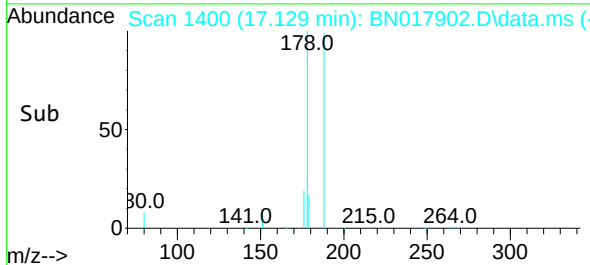
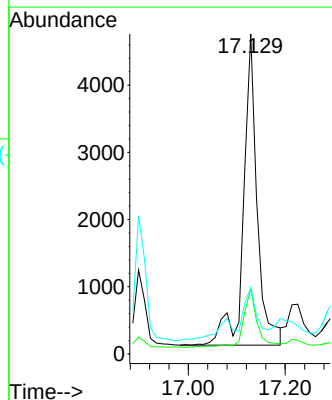
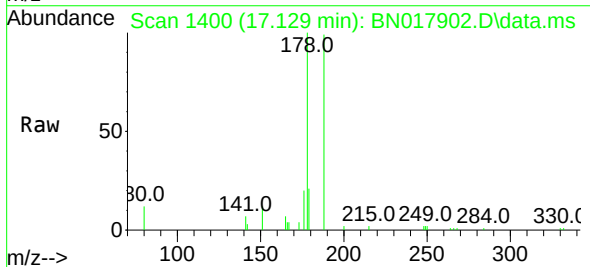
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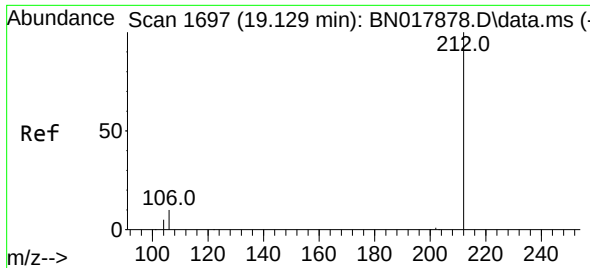
12/16/2021



#25
Phenanthrene
Concen: 0.025 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

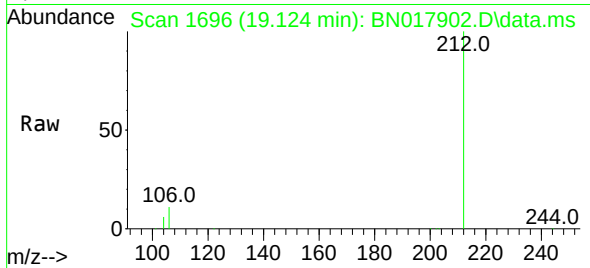
Tgt Ion:178 Resp: 9156
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 13.0 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
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RE103D2-20211130



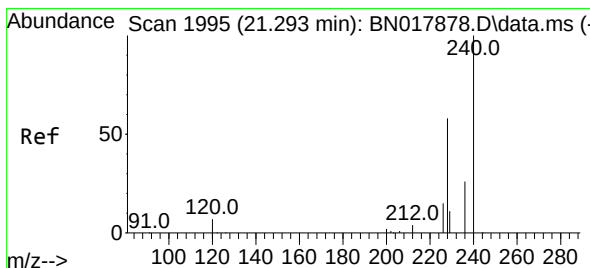
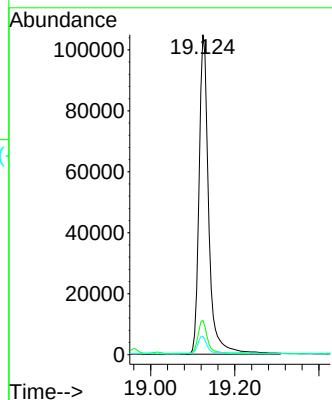
Tgt Ion:212 Resp: 167510
Ion Ratio Lower Upper
212 100
106 9.9 8.3 12.5
104 5.3 4.6 6.8

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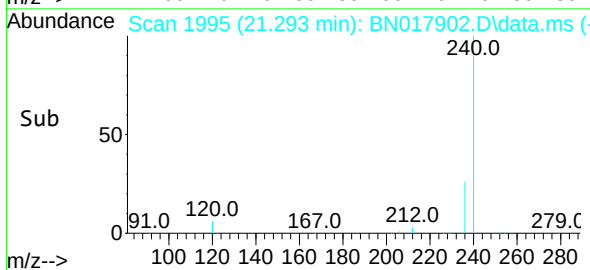
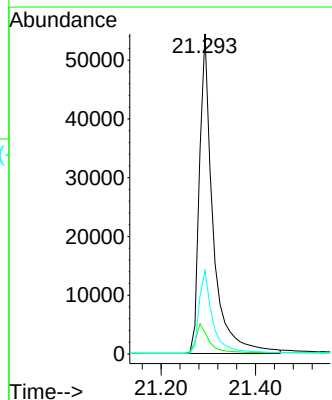
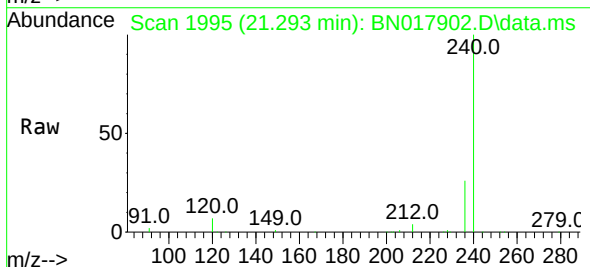
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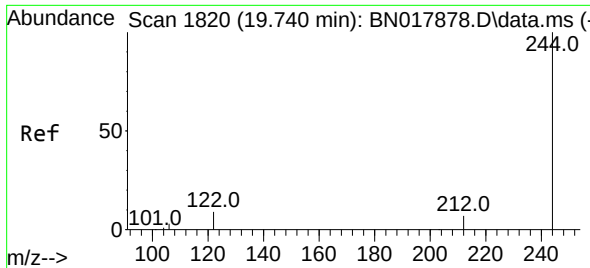
12/16/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

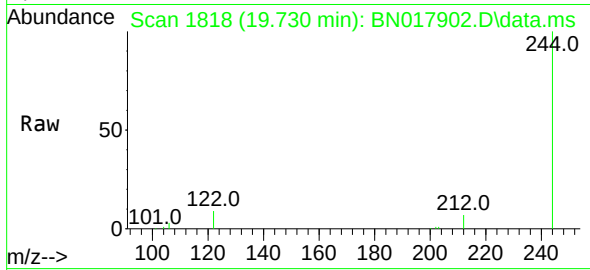
Tgt Ion:240 Resp: 108703
Ion Ratio Lower Upper
240 100
120 6.7 5.8 8.8
236 26.0 21.0 31.6





#31
Terphenyl-d14
Concen: 0.501 ng
RT: 19.730 min Scan# 1820
Delta R.T. -0.010 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Instrument :
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RE103D2-20211130



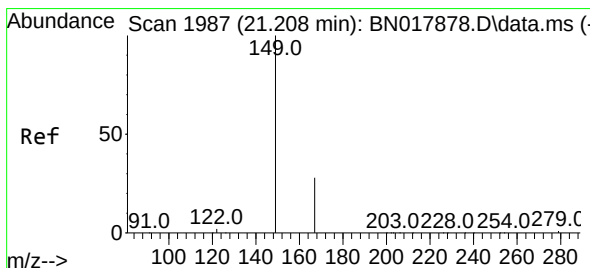
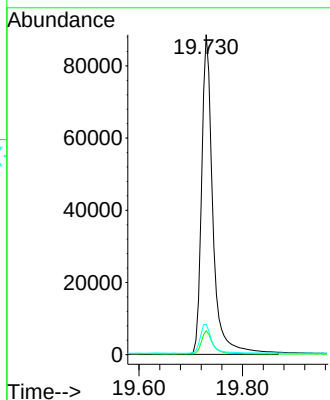
Tgt Ion:244 Resp: 134304
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.5 7.5 11.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021

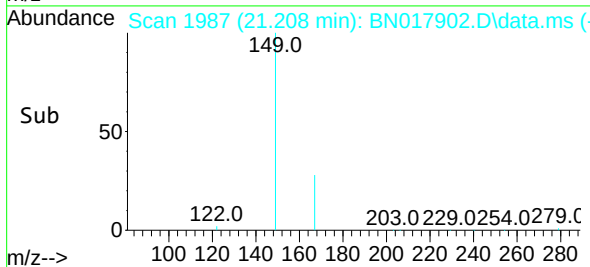
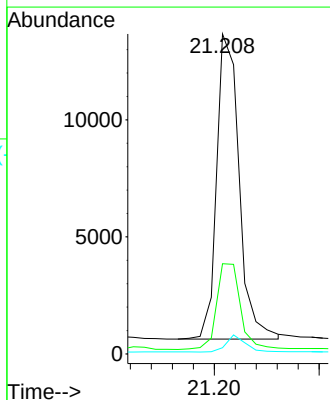
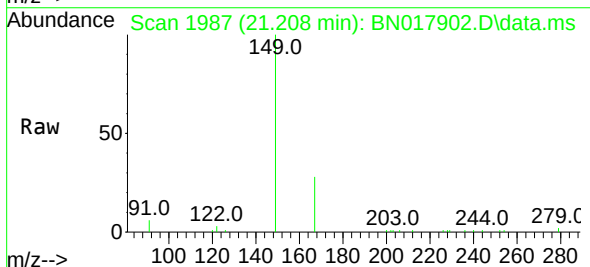
12/15/2021
Supervised By :Yogesh
Patel

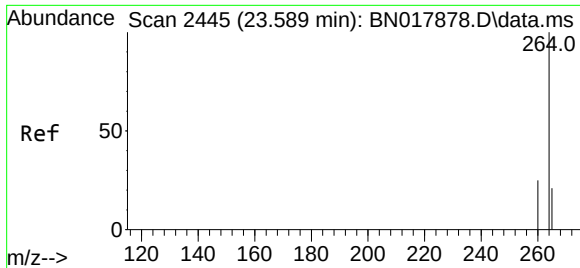
12/16/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.166 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017902.D
Acq: 11 Dec 2021 12:19

Tgt Ion:149 Resp: 19373
Ion Ratio Lower Upper
149 100
167 29.7 23.4 35.0
279 4.8 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.592 min Scan# 24

Delta R.T. 0.003 min

Lab File: BN017902.D

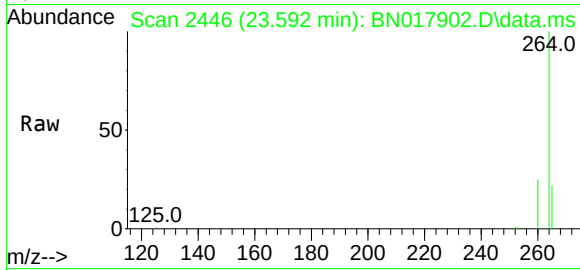
Acq: 11 Dec 2021 12:19

Instrument :

BNA_N

ClientSampleId :

RE103D2-20211130



Tgt Ion:264 Resp: 7330

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 22.1 18.2 27.4

Manual Integrations

APPROVED

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Supervised By :Yogesh Patel 12/16/2021

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Supervised By :Yogesh
Patel

12/16/2021

