

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017904.D
 Acq On : 11 Dec 2021 13:32
 Operator : CG/JU
 Sample : M4923-12DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201DL

Quant Time: Dec 11 21:30:19 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
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Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	24614	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101488	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	69432	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	141009	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	100597	0.400	ng	0.00
35) Perylene-d12	23.592	264	72092	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	2587	0.051	ng	0.00
5) Phenol-d6	6.894	99	1667	0.033	ng	0.00
8) Nitrobenzene-d5	8.859	82	8372	0.126	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	21657	0.121	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2023	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	35901	0.147	ng	0.00
27) Fluoranthene-d10	19.124	212	67753	0.148	ng	0.00
31) Terphenyl-d14	19.730	244	64910	0.262	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	25331m	3.391	ng	Qvalue
25) Phenanthrene	17.129	178	14196	0.039	ng	97
28) Fluoranthene	19.159	202	12713	0.029	ng	99
34) Bis(2-ethylhexyl)phtha...	21.208	149	11916	0.110	ng	100

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

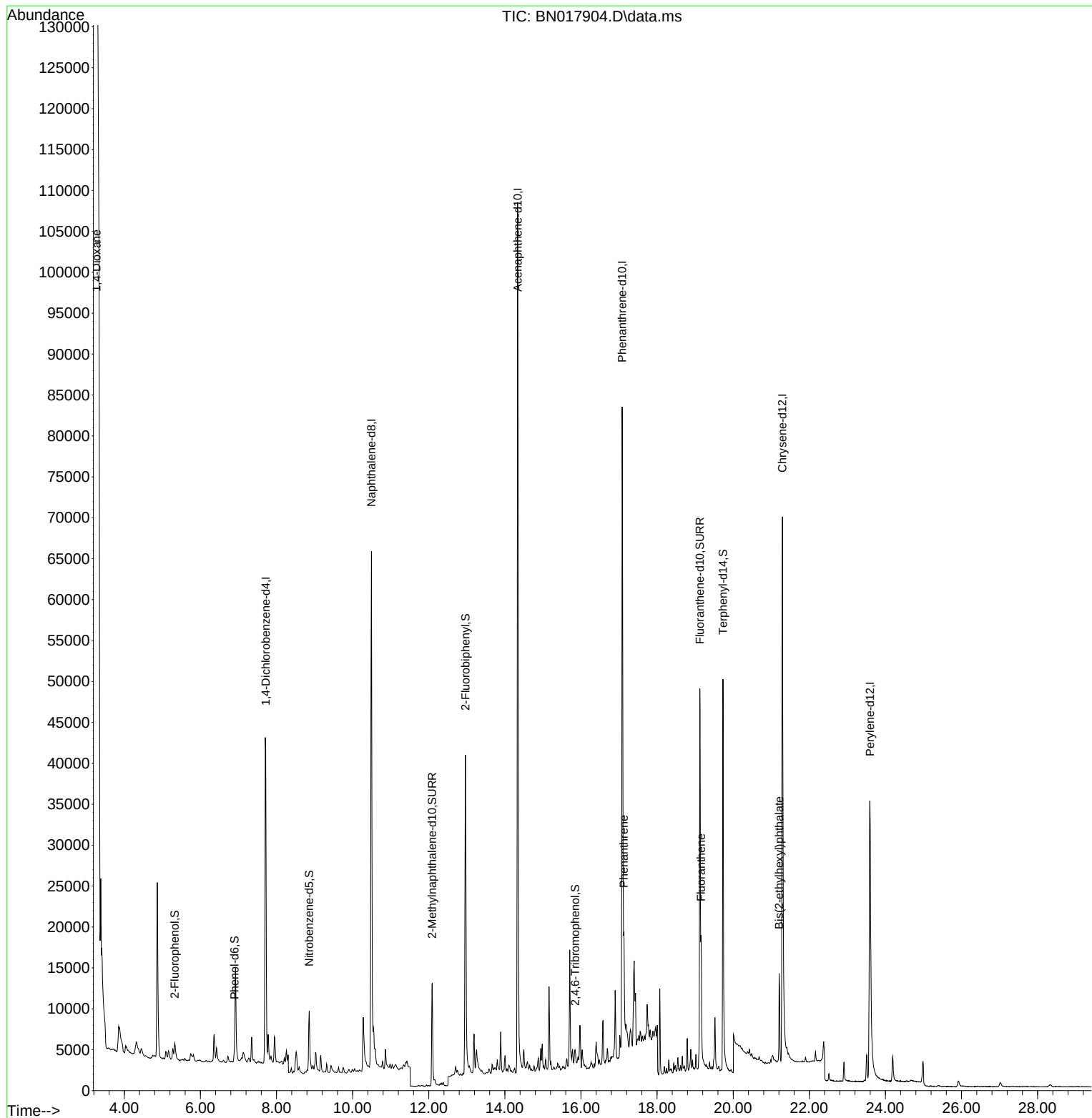
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017904.D
Acq On : 11 Dec 2021 13:32
Operator : CG/JU
Sample : M4923-12DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

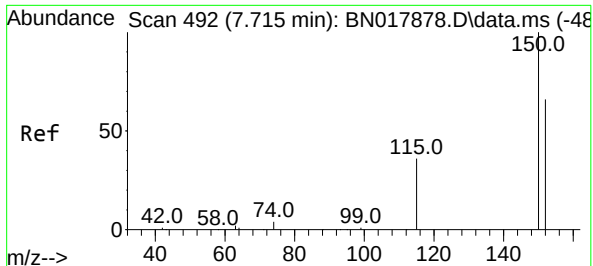
Instrument :
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RE120D1-20211201DL

Quant Time: Dec 11 21:30:19 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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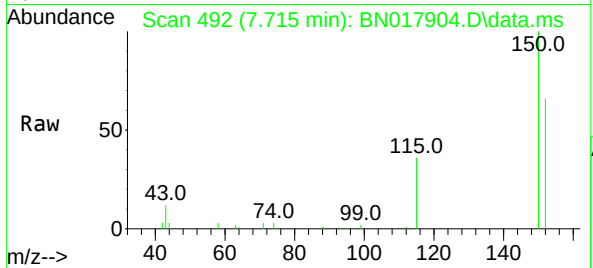
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

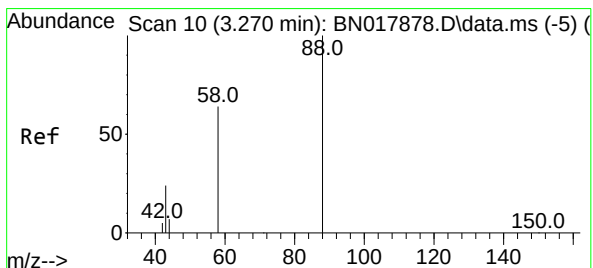
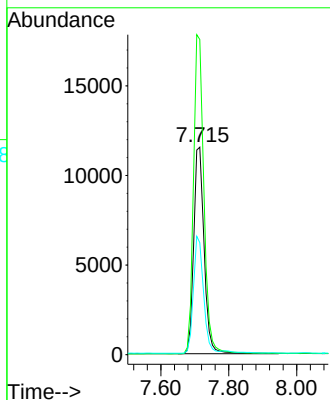
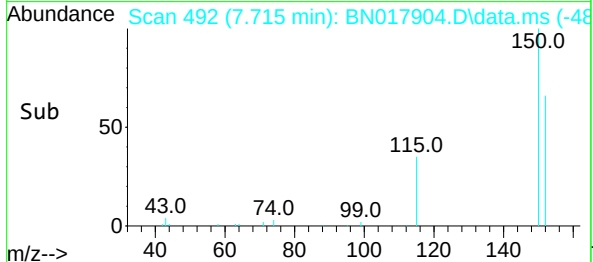
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL



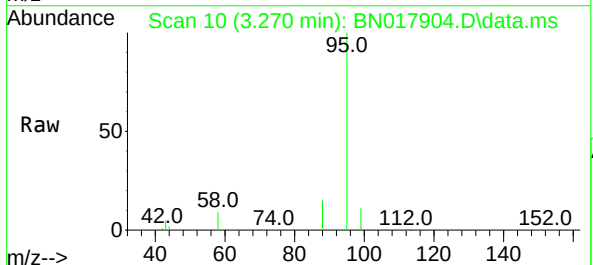
Tgt Ion:152 Resp: 24614
Ion Ratio Lower Upper
152 100
150 151.8 121.9 182.9
115 54.0 44.1 66.1

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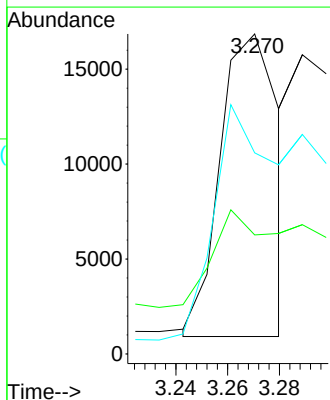
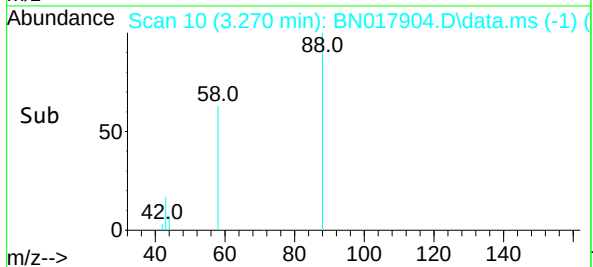
Reviewed By :Christian Giraldo 12/13/2021
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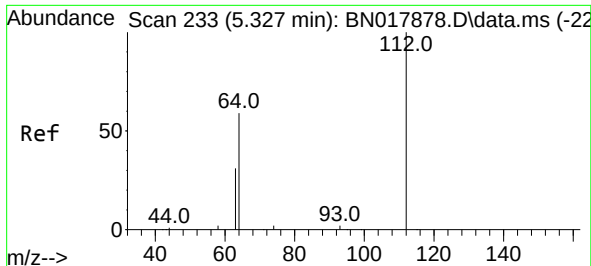


#2
1,4-Dioxane
Concen: 3.391 ng m
RT: 3.270 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32



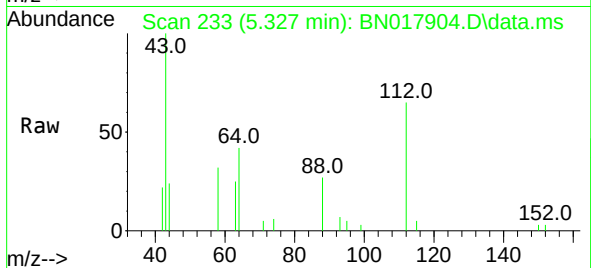
Tgt Ion: 88 Resp: 25331
Ion Ratio Lower Upper
88 100
43 50.4 28.0 42.0#
58 122.4 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.327 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

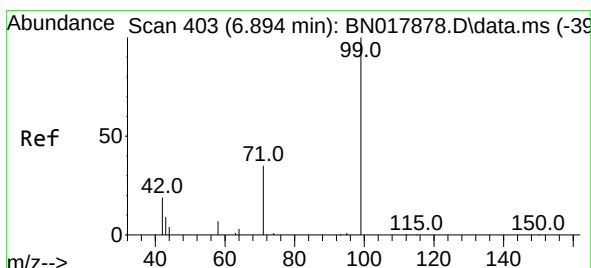
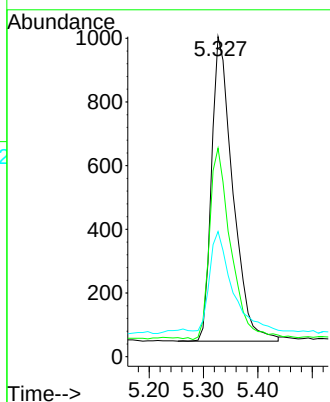
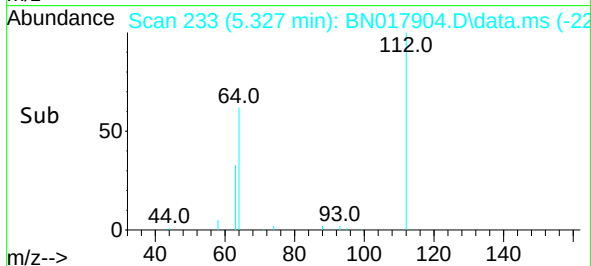
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 258
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.4
63 34.0 26.2 39.2

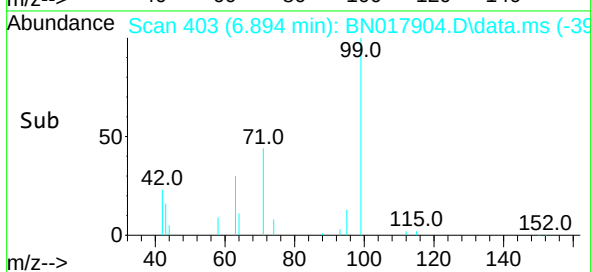
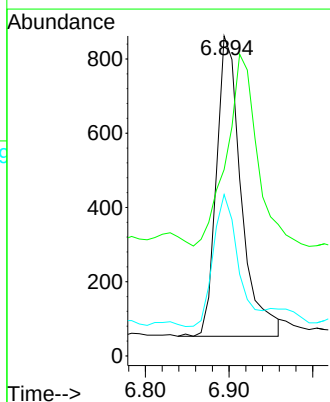
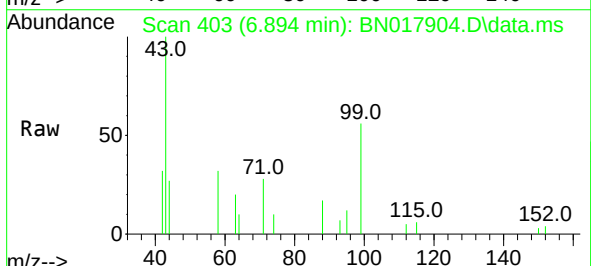
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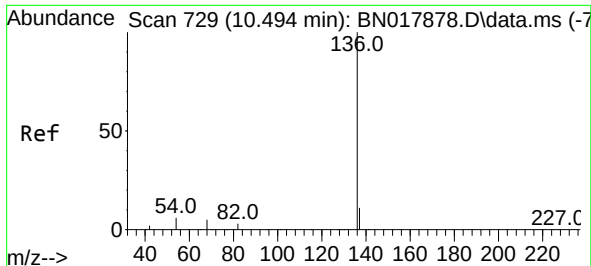
Reviewed By : Christian Giraldo 12/13/2021
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#5
Phenol-d6
Concen: 0.033 ng
RT: 6.894 min Scan# 403
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

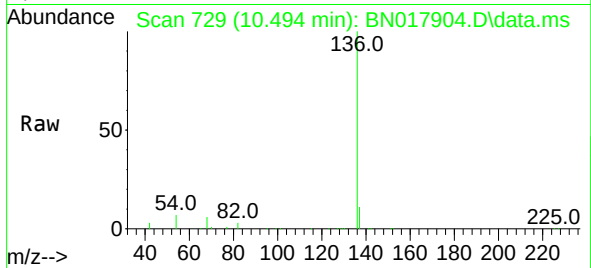
Tgt Ion: 99 Resp: 1667
Ion Ratio Lower Upper
99 100
42 76.7 17.0 25.4#
71 44.6 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

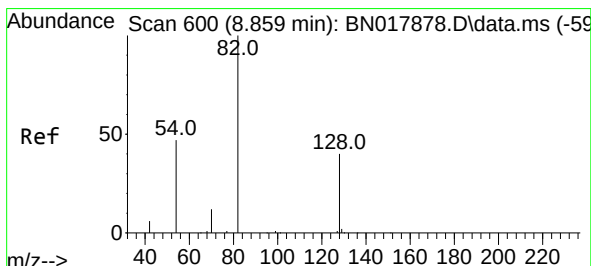
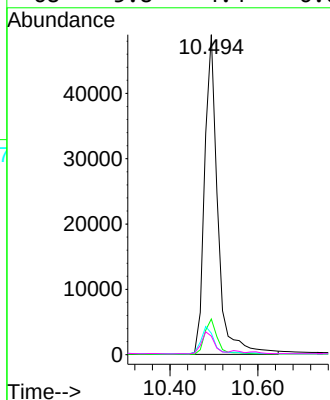
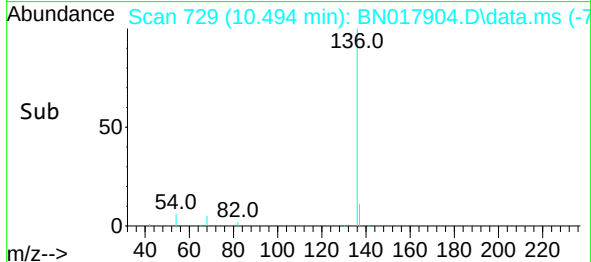
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:136 Resp: 10148
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.7 5.1 7.7
68 5.8 4.4 6.6

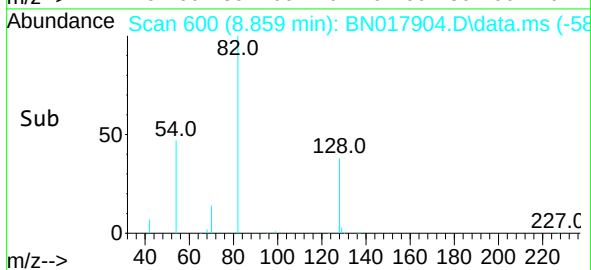
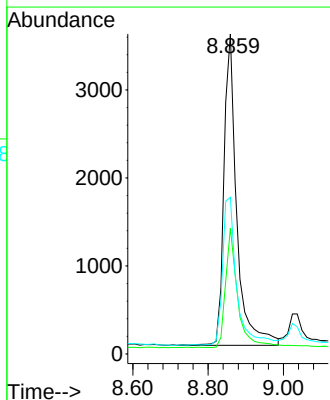
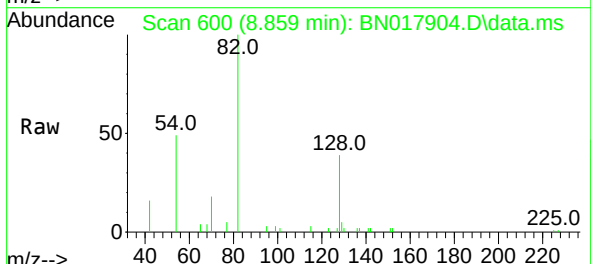
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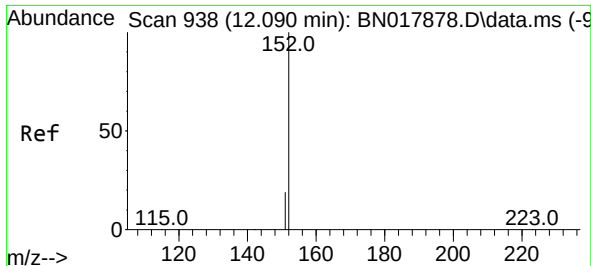
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.126 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

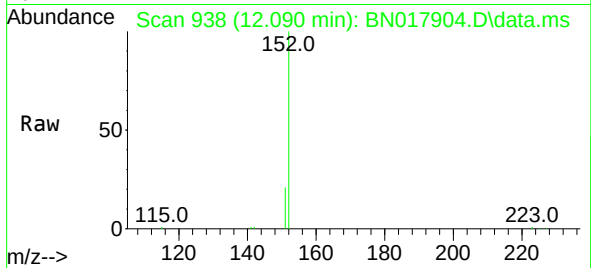
Tgt Ion: 82 Resp: 8372
Ion Ratio Lower Upper
82 100
128 39.3 32.2 48.4
54 49.0 37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.121 ng
RT: 12.090 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

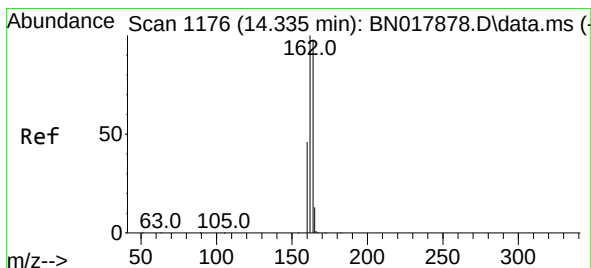
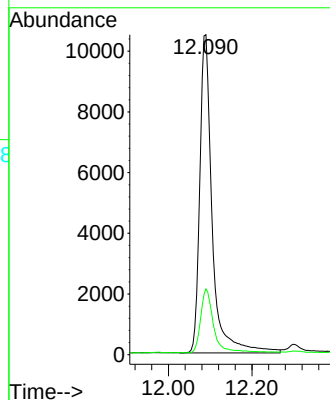
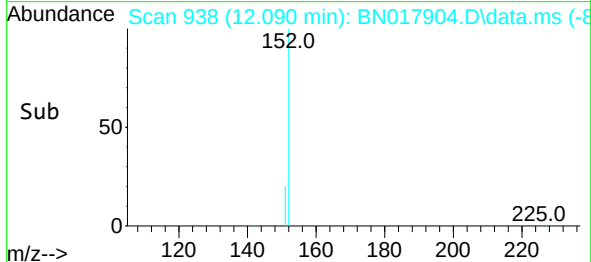
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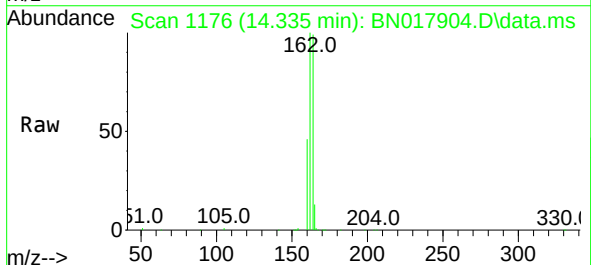
Tgt Ion:152 Resp: 2165
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6

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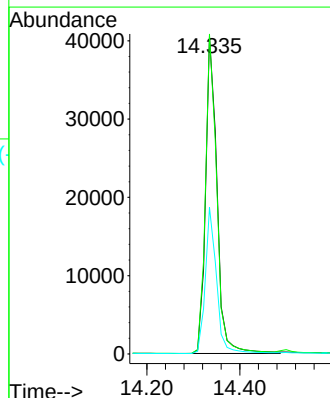
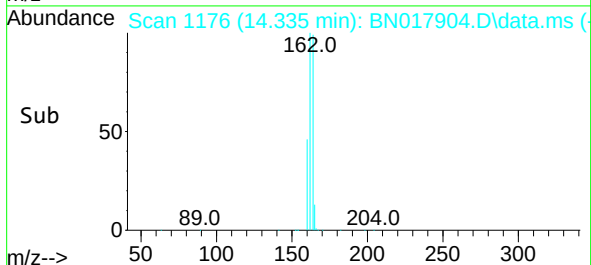
Reviewed By :Christian Giraldo 12/13/2021
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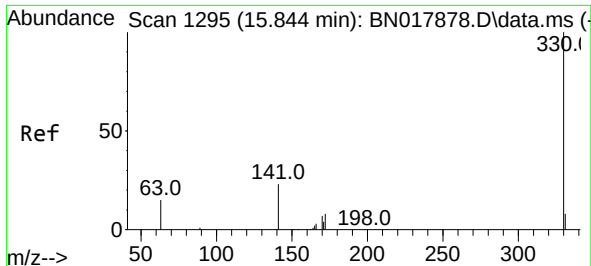


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32



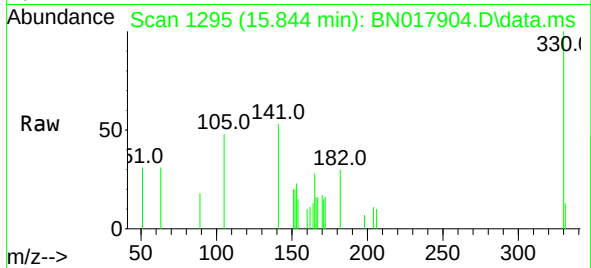
Tgt Ion:164 Resp: 69432
Ion Ratio Lower Upper
164 100
162 100.7 82.1 123.1
160 46.1 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

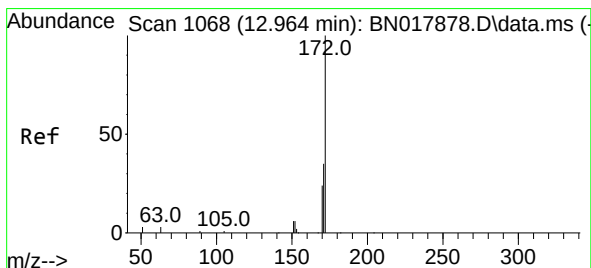
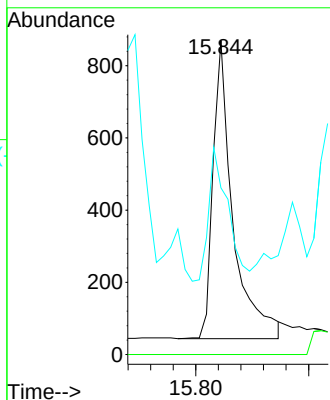
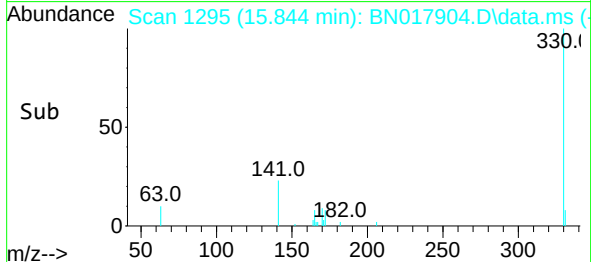
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RE120D1-20211201DL



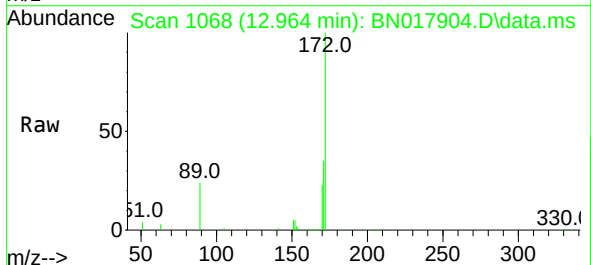
Tgt Ion:330 Resp: 2021
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 19.7 29.5

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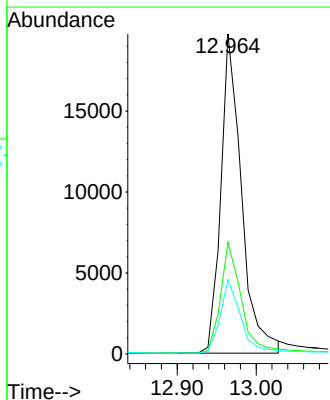
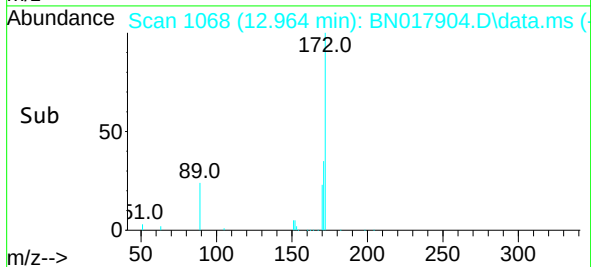
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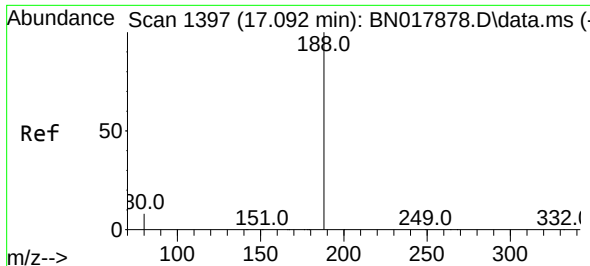


#15
2-Fluorobiphenyl
Concen: 0.147 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32



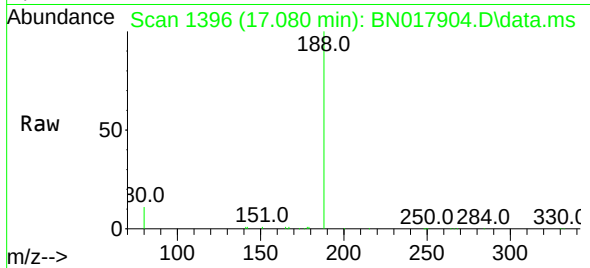
Tgt Ion:172 Resp: 35901
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

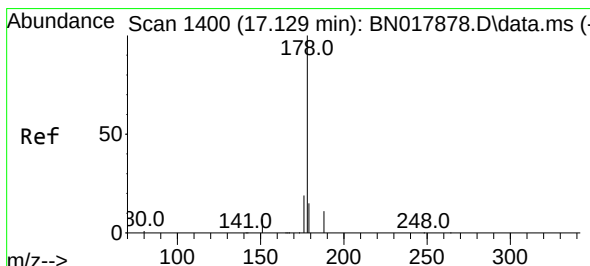
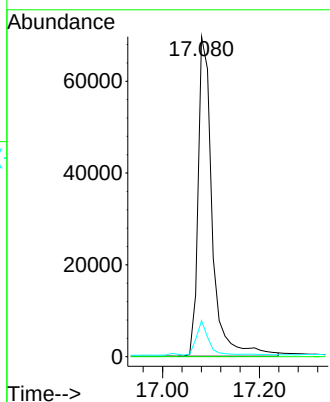
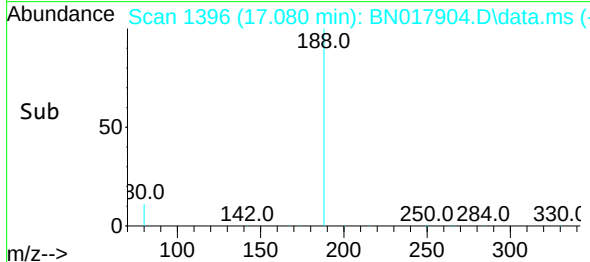
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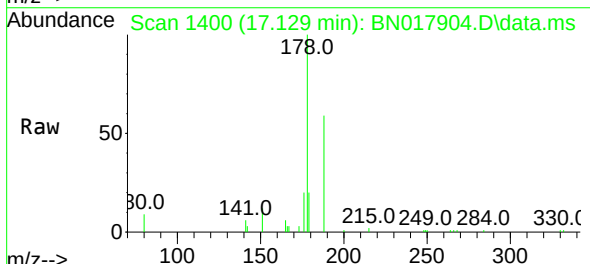
Tgt Ion:188 Resp: 141009
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 6.2 9.2

Manual Integrations
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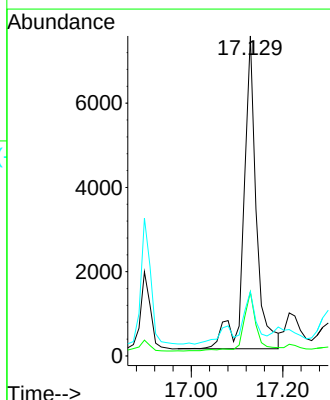
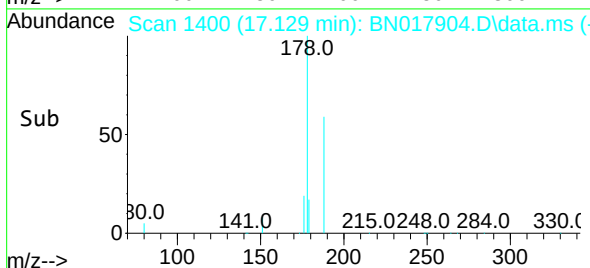
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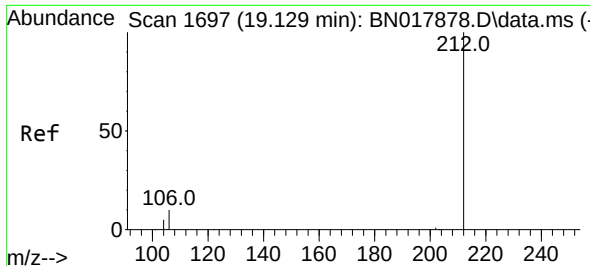


#25
Phenanthrene
Concen: 0.039 ng
RT: 17.129 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32



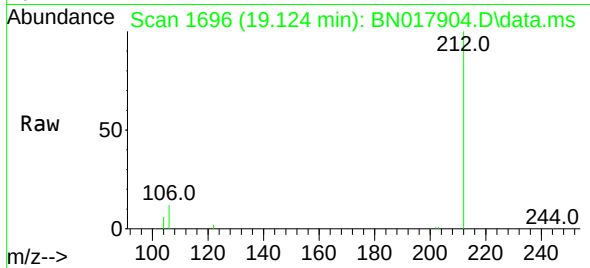
Tgt Ion:178 Resp: 14196
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 13.0 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

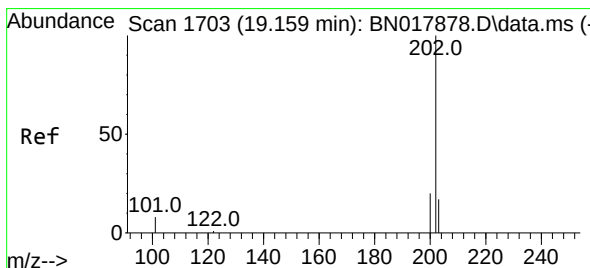
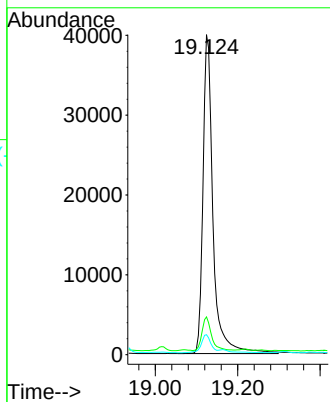
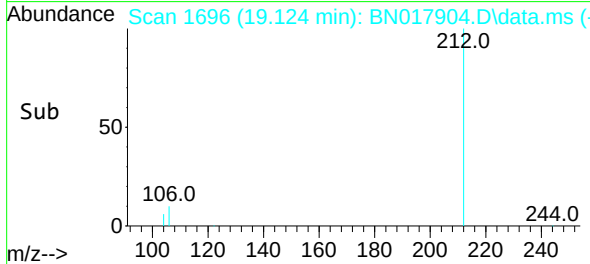
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL



Tgt Ion:212 Resp: 6775
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.5 4.6 6.8

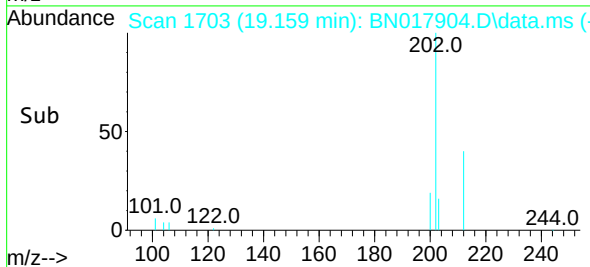
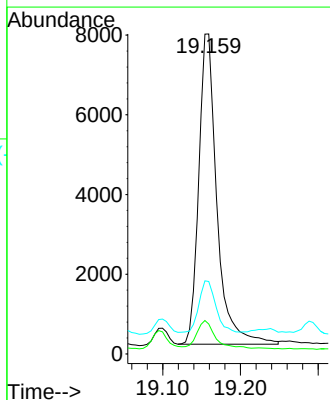
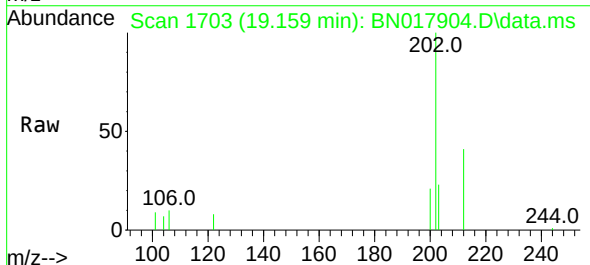
Manual Integrations
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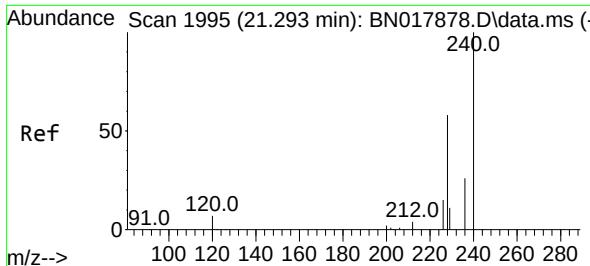
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#28
Fluoranthene
Concen: 0.029 ng
RT: 19.159 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

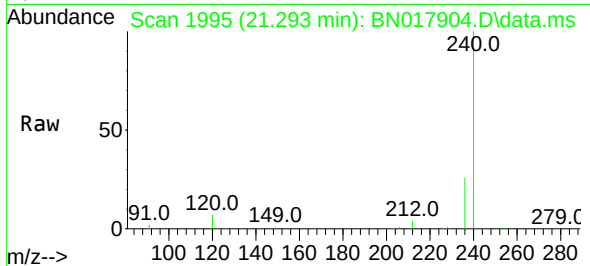
Tgt Ion:202 Resp: 12713
Ion Ratio Lower Upper
202 100
101 8.8 7.3 10.9
203 16.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

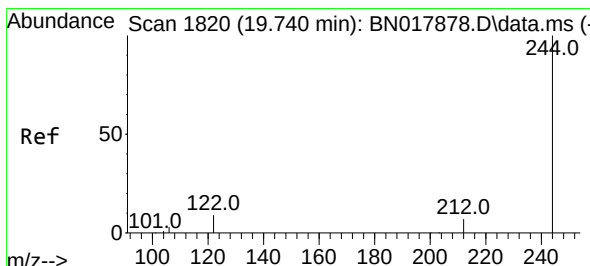
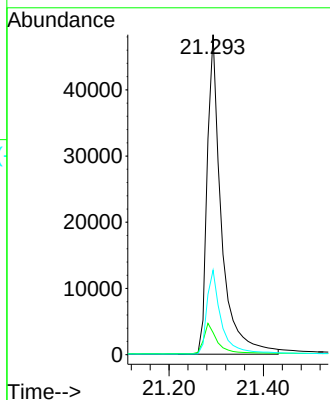
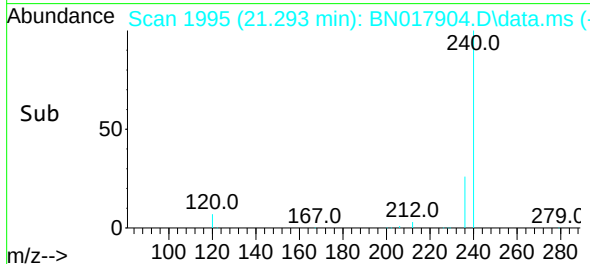
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL



Tgt Ion:240 Resp: 10059
Ion Ratio Lower Upper
240 100
120 6.9 5.8 8.8
236 26.4 21.0 31.6

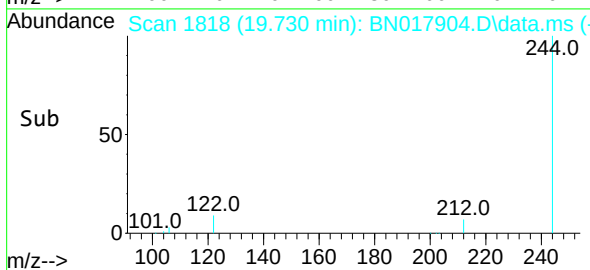
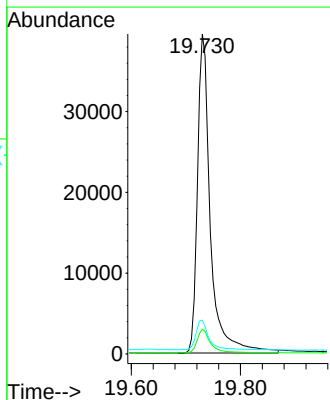
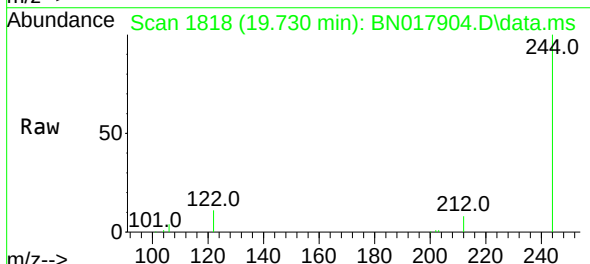
Manual Integrations
APPROVED

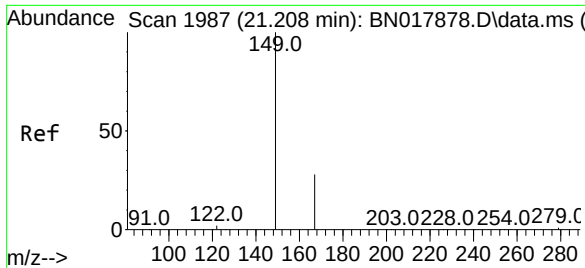
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#31
Terphenyl-d14
Concen: 0.262 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

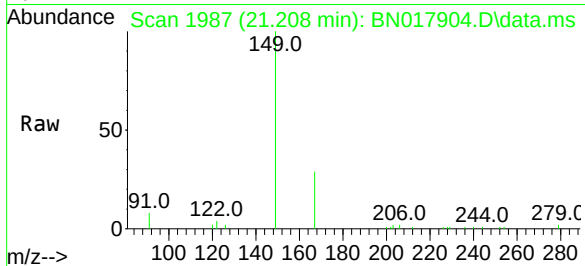
Tgt Ion:244 Resp: 64910
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.6 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

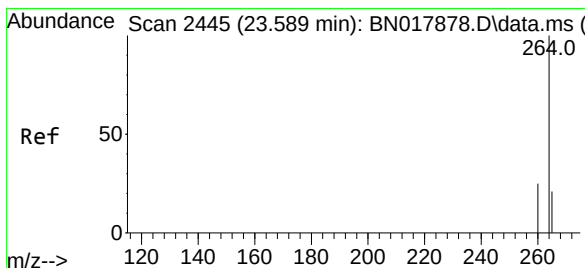
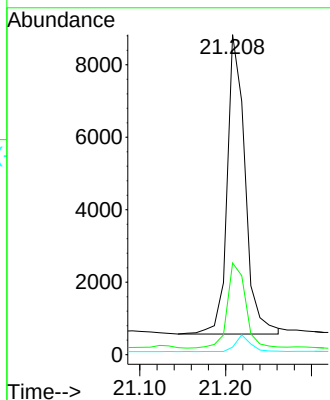
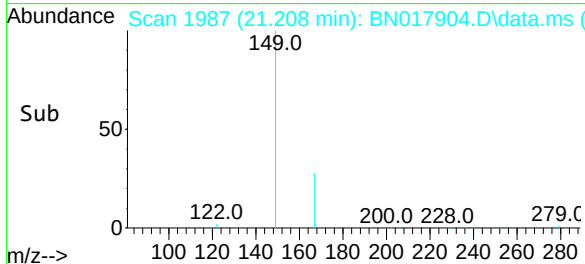
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL



Tgt Ion:149 Resp: 11910
Ion Ratio Lower Upper
149 100
167 29.3 23.4 35.0
279 4.6 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion:264 Resp: 72092
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 22.7 18.2 27.4

