

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017907.D
 Acq On : 11 Dec 2021 15:21
 Operator : CG/JU
 Sample : M4923-03DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20211130DL

Quant Time: Dec 11 21:30:43 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	26137	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	106064	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	68796	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	142547	0.400	ng	0.00
29) Chrysene-d12	21.293	240	96727	0.400	ng	0.00
35) Perylene-d12	23.592	264	69829	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.326	112	2666	0.049	ng	0.00
5) Phenol-d6	6.894	99	1522	0.028	ng	0.00
8) Nitrobenzene-d5	8.859	82	7765	0.112	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	20137	0.108	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1467	0.372	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	29854	0.123	ng	0.01
27) Fluoranthene-d10	19.129	212	69983	0.151	ng	0.00
31) Terphenyl-d14	19.735	244	53665	0.225	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	19375m	2.443	ng	
6) bis(2-Chloroethyl)ether	7.143	93	1370	0.021	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.208	149	6211	0.060	ng	99

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

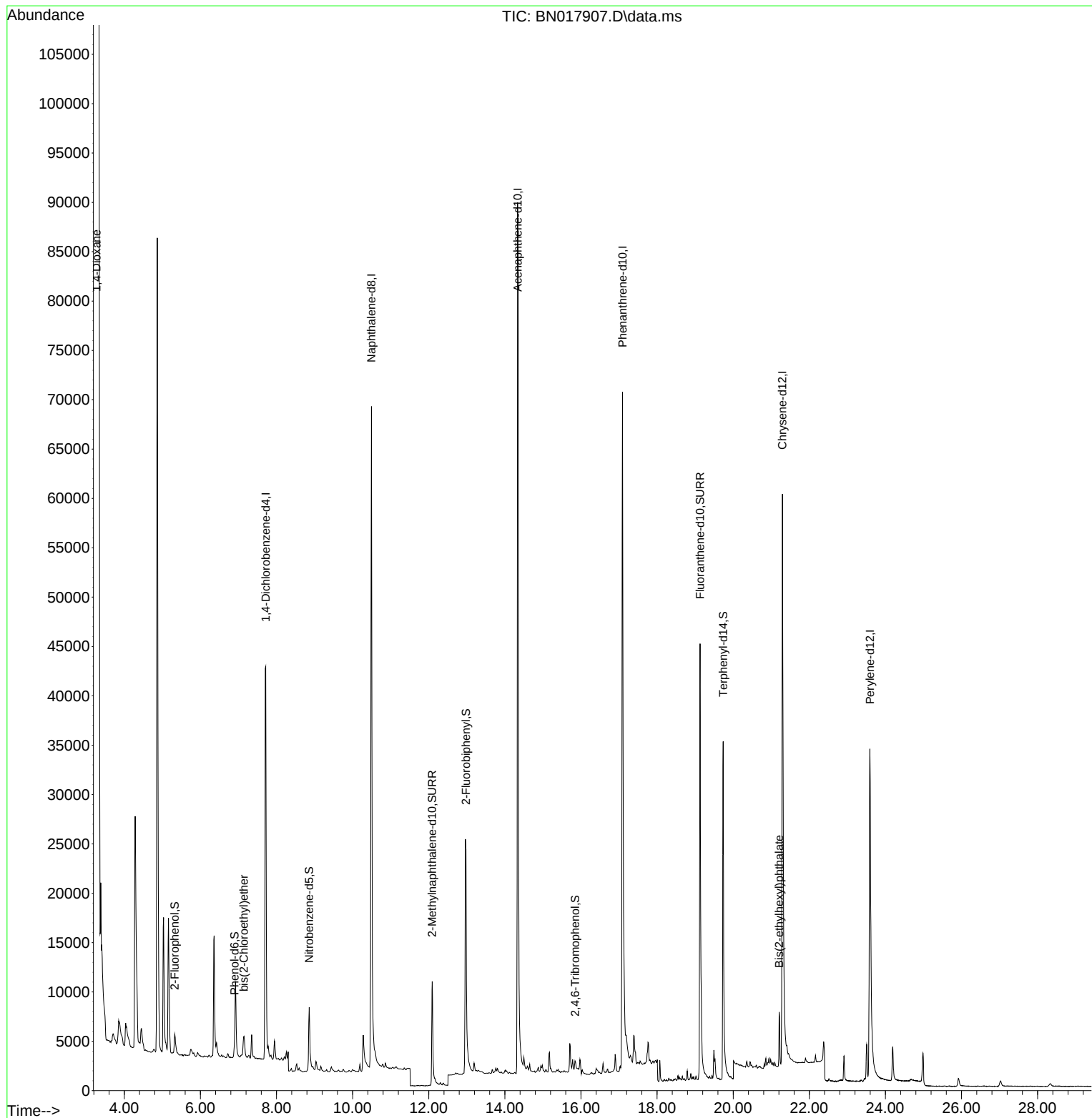
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017907.D
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ALS Vial : 32 Sample Multiplier: 1

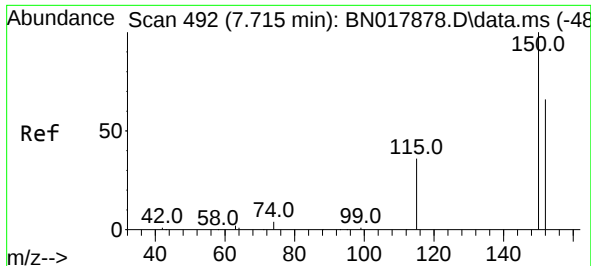
Instrument :
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ClientSampleId :
RE115D2-20211130DL

Quant Time: Dec 11 21:30:43 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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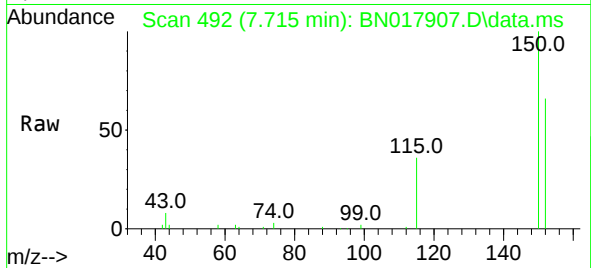
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

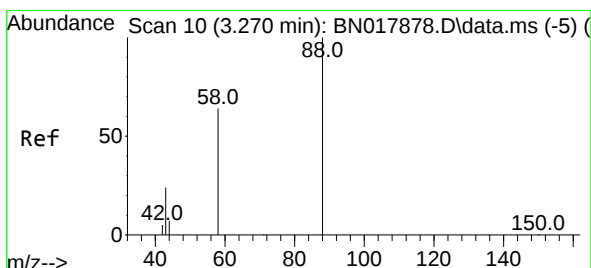
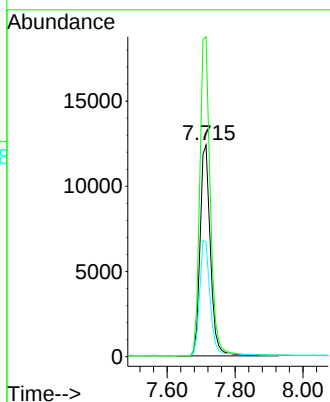
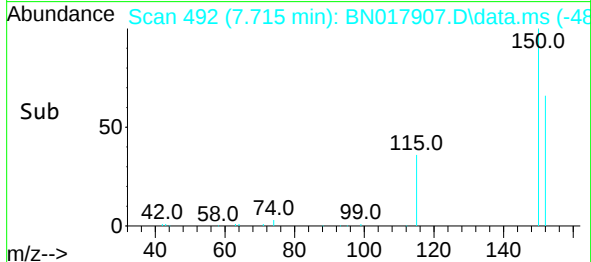
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL



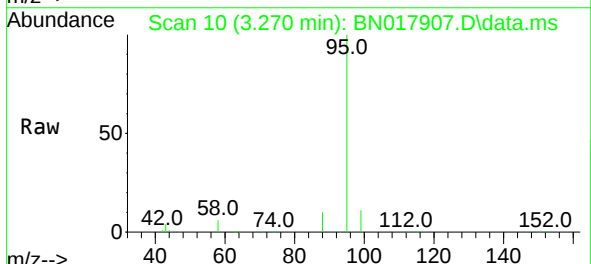
Tgt Ion: 152 Resp: 2613
Ion Ratio Lower Upper
152 100
150 151.3 121.9 182.9
115 54.4 44.1 66.1

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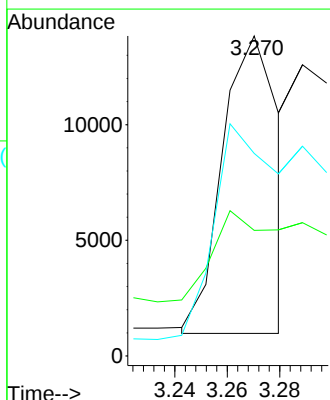
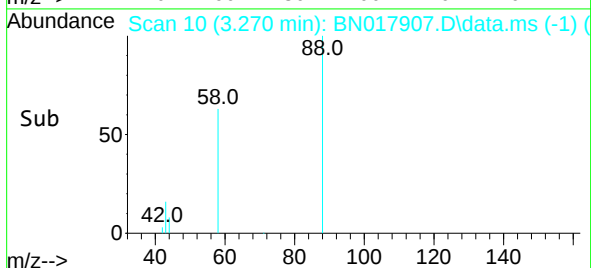
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

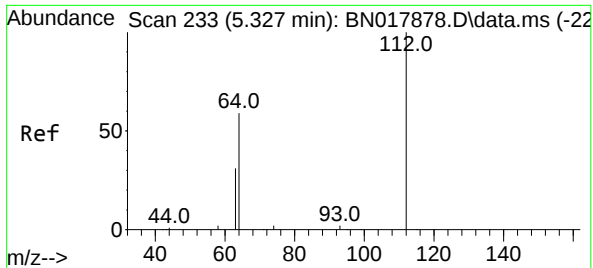


#2
1,4-Dioxane
Concen: 2.443 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21



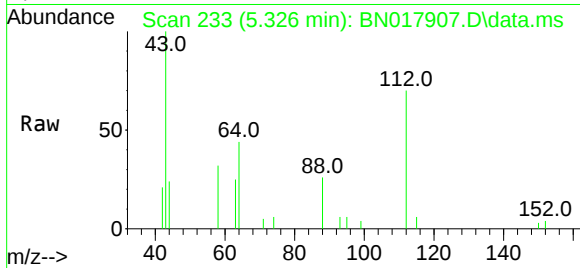
Tgt Ion: 88 Resp: 19375
Ion Ratio Lower Upper
88 100
43 51.4 28.0 42.0#
58 123.2 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.326 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

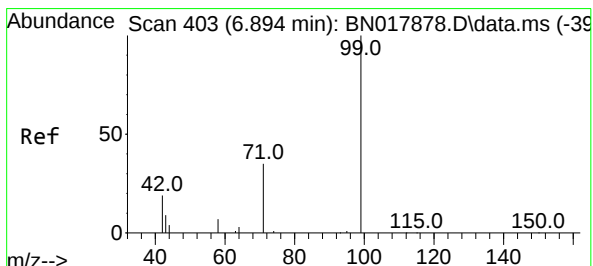
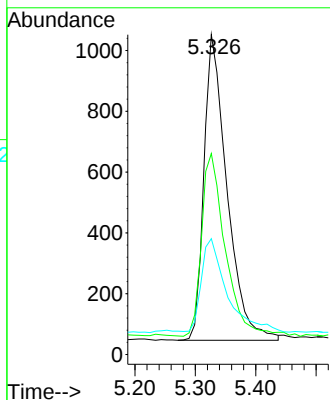
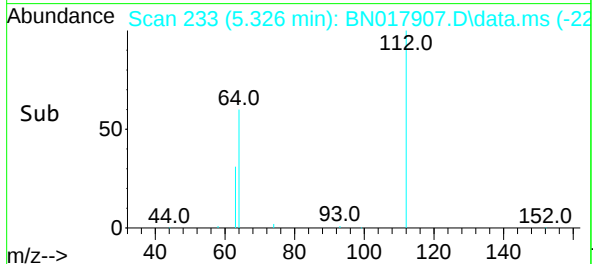
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL



Tgt Ion: 112 Resp: 266
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 33.0 26.2 39.2

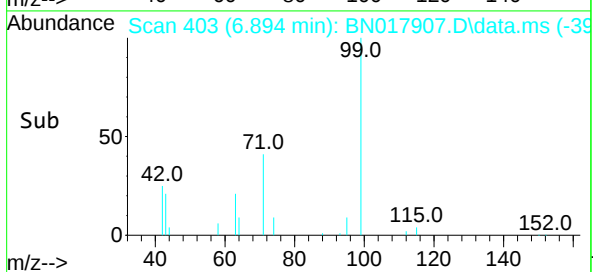
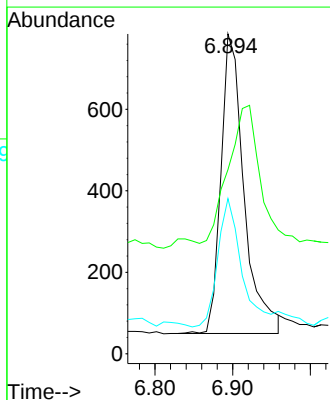
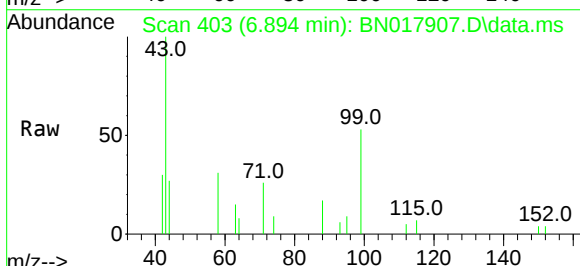
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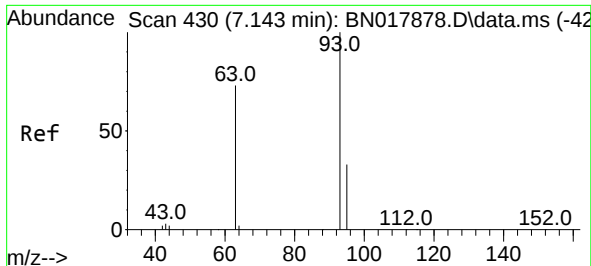
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#5
Phenol-d6
Concen: 0.028 ng
RT: 6.894 min Scan# 403
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

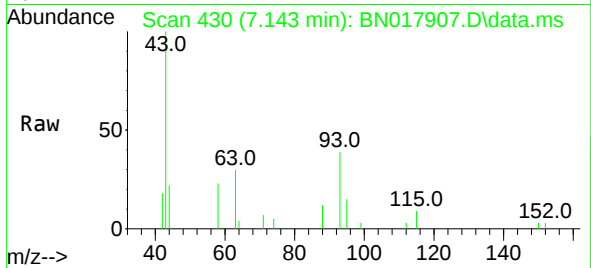
Tgt Ion: 99 Resp: 1522
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.4#
71 44.2 28.0 42.0#





#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

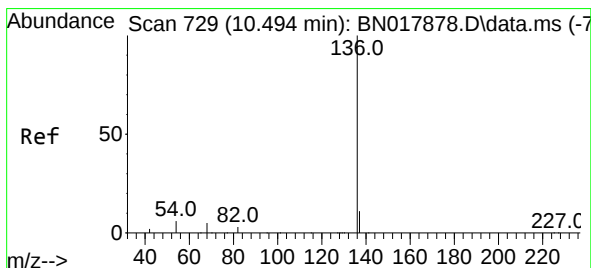
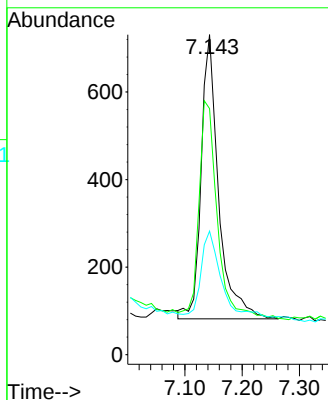
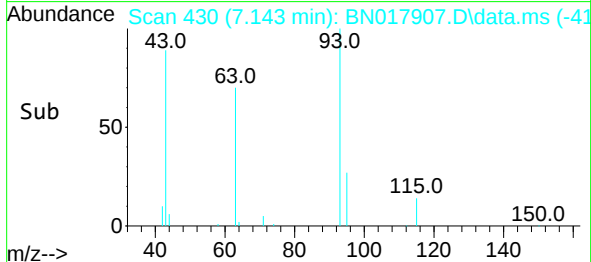
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL



Tgt Ion: 93 Resp: 1370
Ion Ratio Lower Upper
93 100
63 83.0 62.0 93.0
95 42.4 26.2 39.4

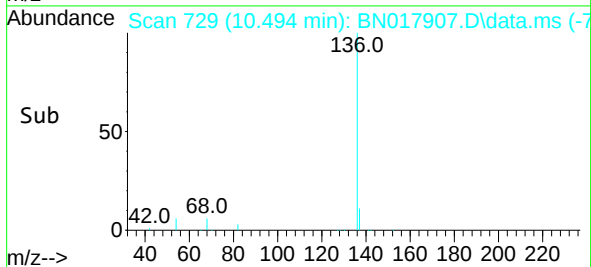
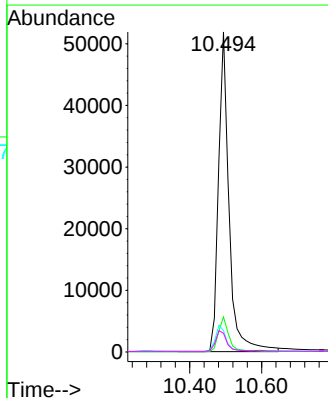
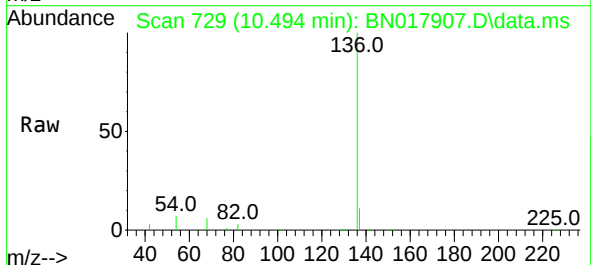
Manual Integrations
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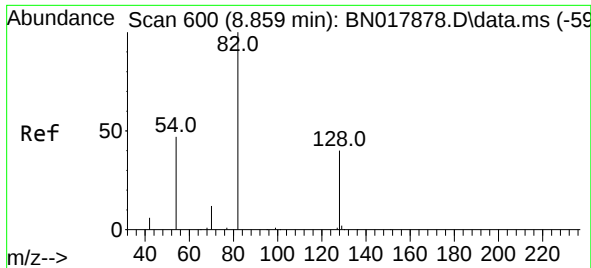
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

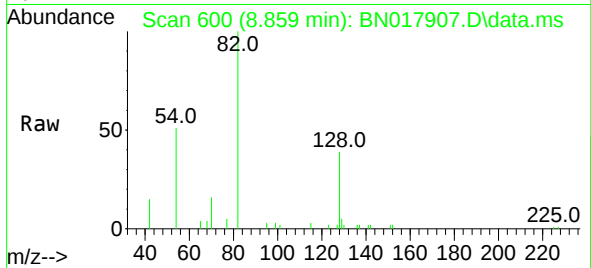
Tgt Ion:136 Resp: 106064
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.1 7.7
68 5.8 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.112 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

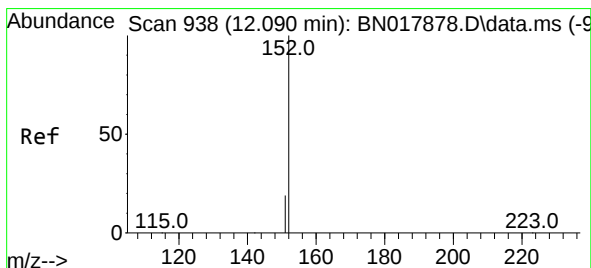
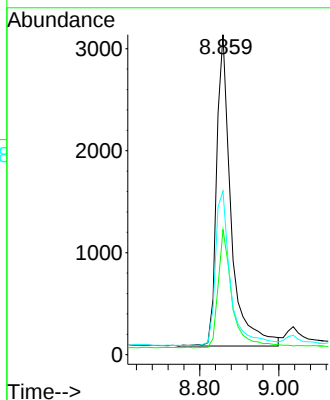
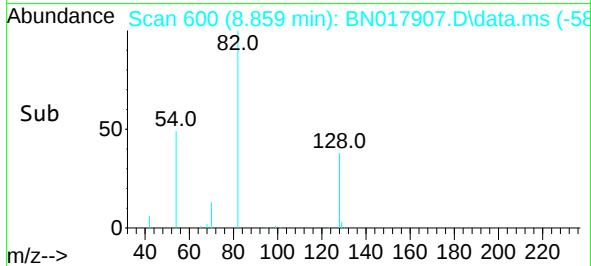
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL



Tgt Ion: 82 Resp: 776
Ion Ratio Lower Upper
82 100
128 39.1 32.2 48.4
54 51.1 37.6 56.4

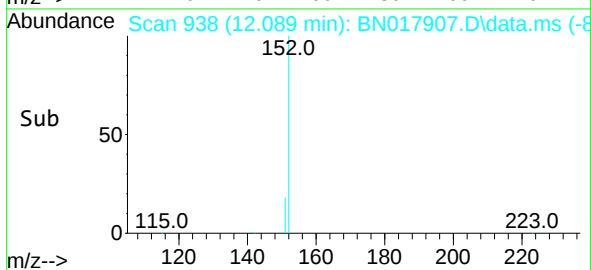
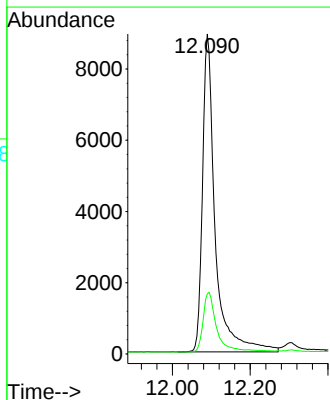
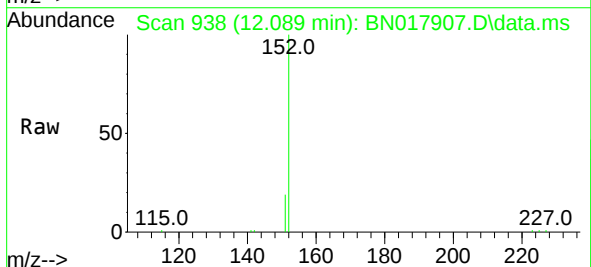
Manual Integrations
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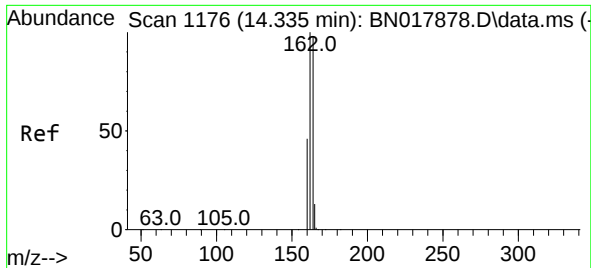
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#11
2-Methylnaphthalene-d10
Concen: 0.108 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

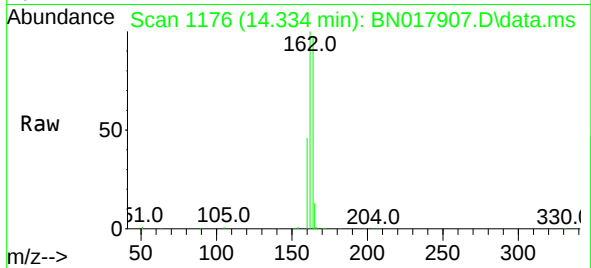
Tgt Ion:152 Resp: 20137
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

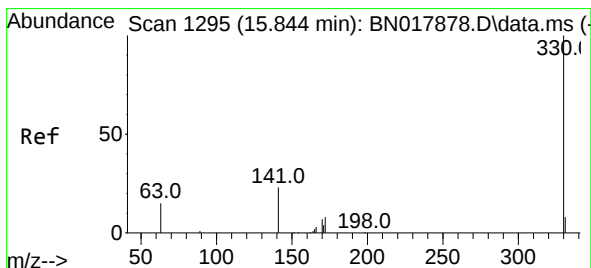
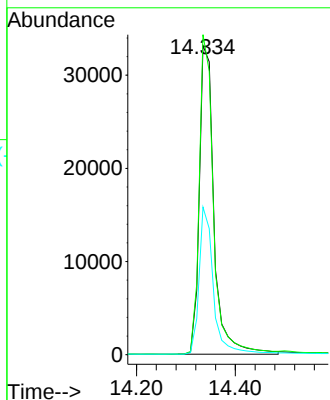
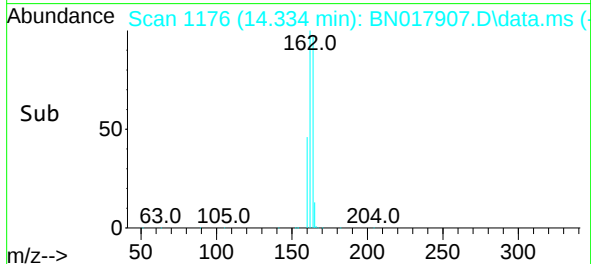
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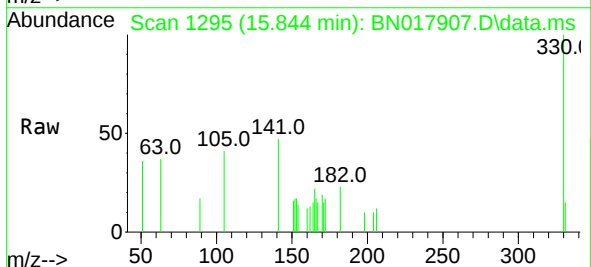
Tgt Ion:164 Resp: 68790
Ion Ratio Lower Upper
164 100
162 103.5 82.1 123.1
160 47.7 38.2 57.2

Manual Integrations
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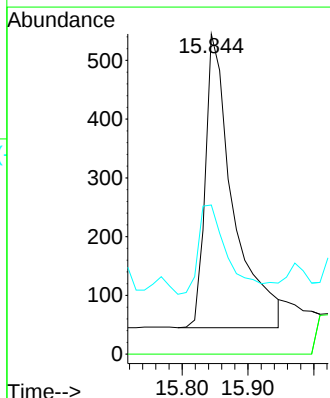
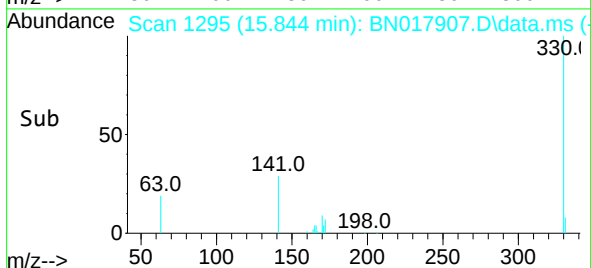
Reviewed By :Christian Giraldo 12/13/2021
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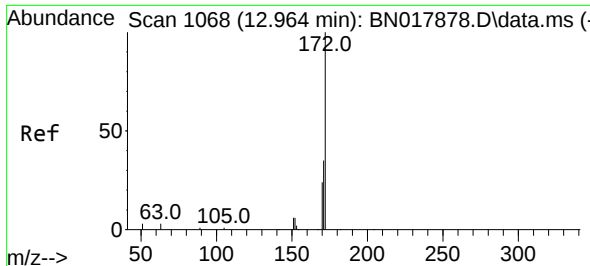


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21



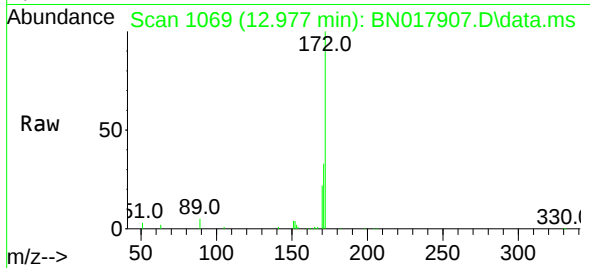
Tgt Ion:330 Resp: 1467
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 19.7 29.5





#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

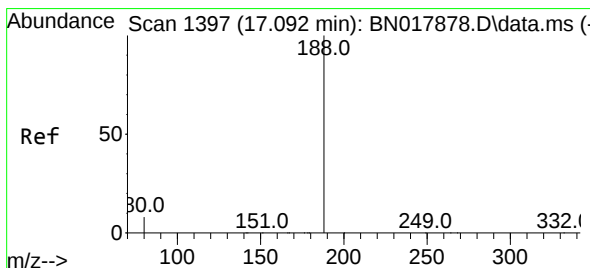
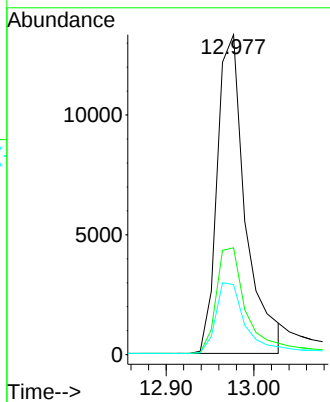
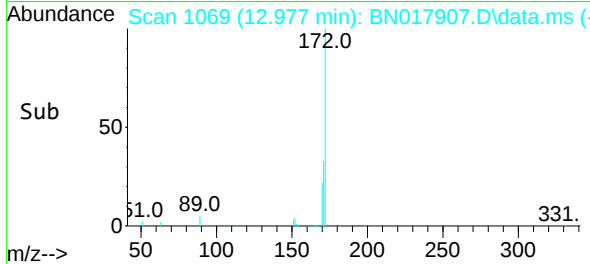
Instrument :
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RE115D2-20211130DL



Tgt Ion:172 Resp: 29854
Ion Ratio Lower Upper
172 100
171 33.4 28.3 42.5
170 21.9 19.1 28.7

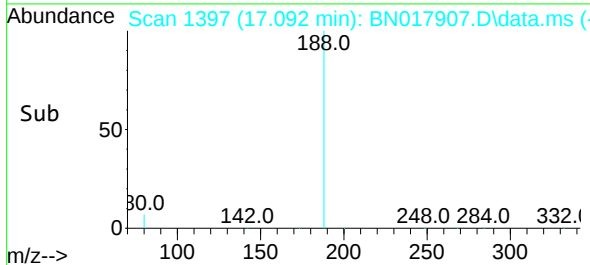
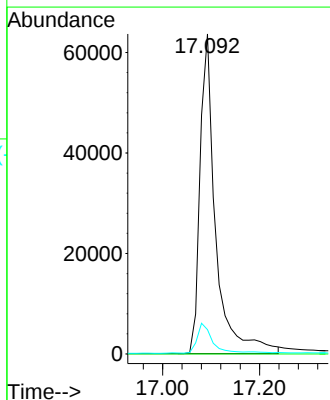
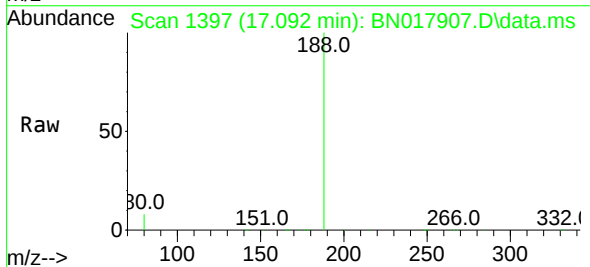
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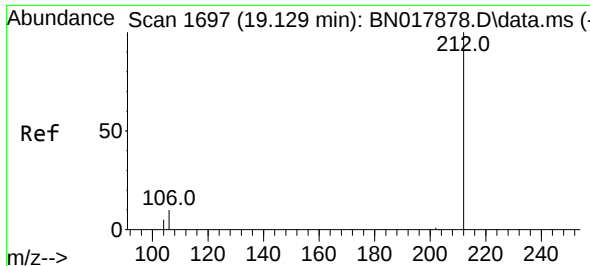
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

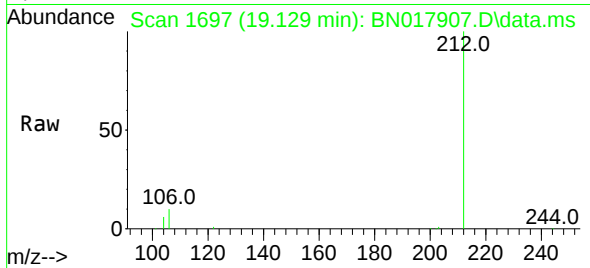
Tgt Ion:188 Resp: 142547
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.2 9.2





#27
Fluoranthene-d10
Concen: 0.151 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

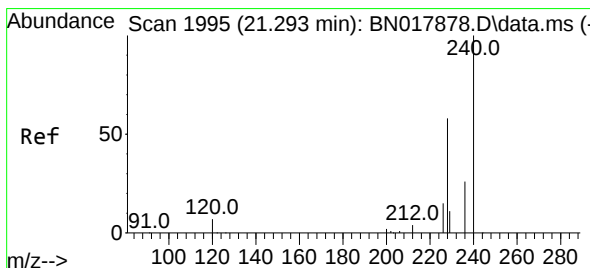
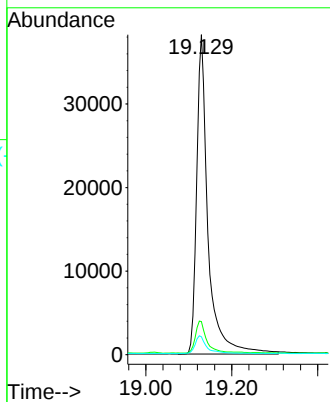
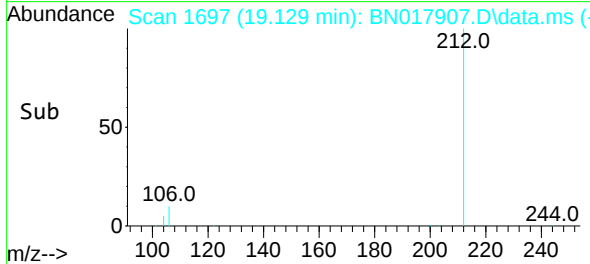
Instrument :
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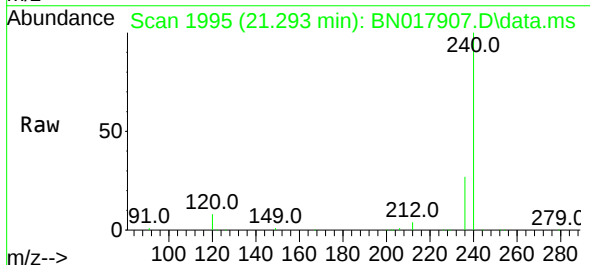
Tgt Ion:212 Resp: 6998
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.9 4.6 6.8

Manual Integrations
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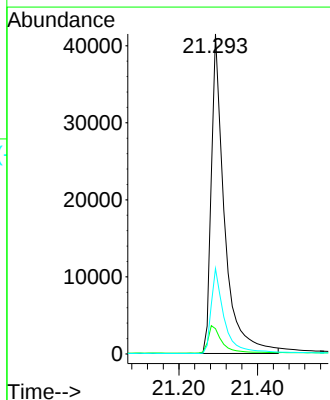
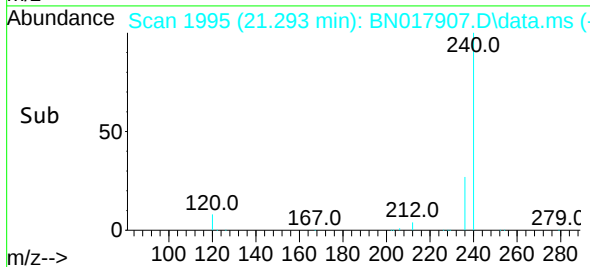
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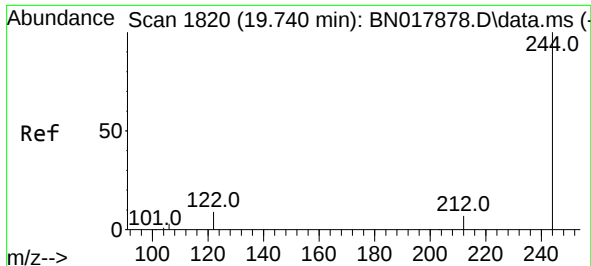


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21



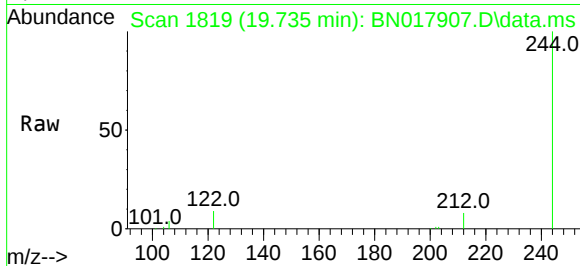
Tgt Ion:240 Resp: 96727
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 26.7 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.225 ng
 RT: 19.735 min Scan# 1819
 Delta R.T. -0.005 min
 Lab File: BN017907.D
 Acq: 11 Dec 2021 15:21

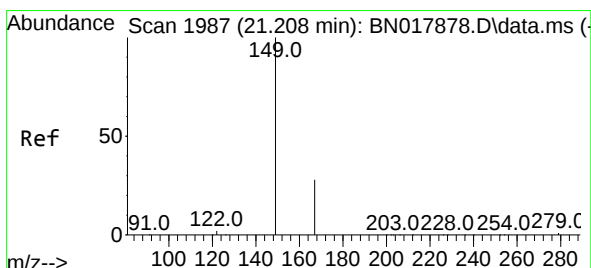
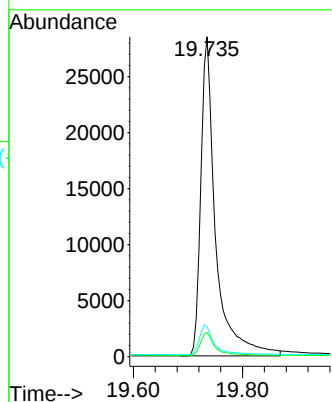
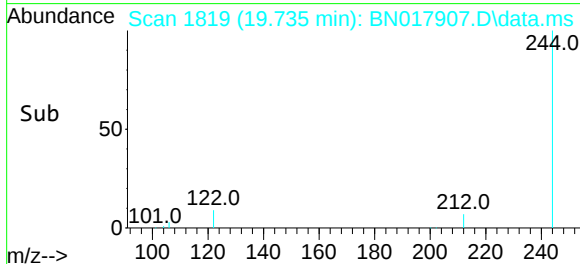
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20211130DL



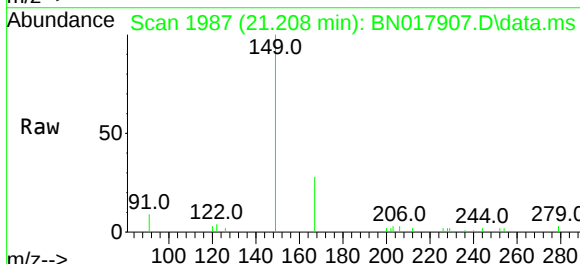
Tgt Ion:244 Resp: 5366
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.4 7.5 11.3

Manual Integrations
 APPROVED

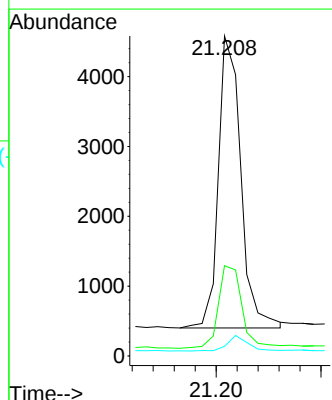
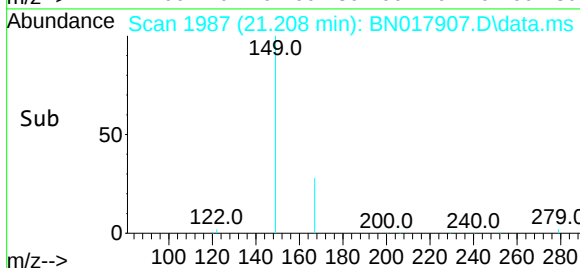
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

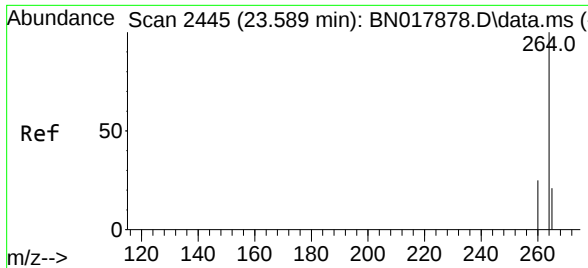


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017907.D
 Acq: 11 Dec 2021 15:21



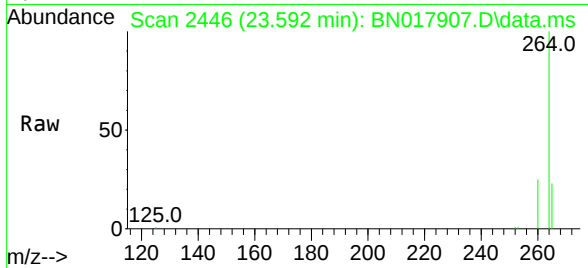
Tgt Ion:149 Resp: 6211
 Ion Ratio Lower Upper
 149 100
 167 29.8 23.4 35.0
 279 4.8 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BN017907.D
Acq: 11 Dec 2021 15:21

Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130DL



Tgt Ion:264 Resp: 69829
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 22.6 18.2 27.4

Manual Integrations
APPROVED

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

