

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
 Data File : BN017969.D
 Acq On : 13 Dec 2021 13:18
 Operator : CG/JU
 Sample : M4922-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20211130

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/14/2021
 Supervised By : Jagrut Upadhyay 12/14/2021

Quant Time: Dec 14 03:40:49 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.706	152	23563	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	91198	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	61900	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	125608	0.400	ng	0.00
29) Chrysene-d12	21.293	240	72561	0.400	ng	0.00
35) Perylene-d12	23.599	264	42193	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	8006	0.165	ng	0.00
5) Phenol-d6	6.894	99	4701	0.097	ng	0.00
8) Nitrobenzene-d5	8.859	82	14380	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	41412	0.258	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6468	0.524	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63496	0.292	ng	0.00
27) Fluoranthene-d10	19.124	212	137573	0.338	ng	0.00
31) Terphenyl-d14	19.730	244	104797	0.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	9991m	1.397	ng	
25) Phenanthrene	17.129	178	8668	0.027	ng	96
28) Fluoranthene	19.154	202	9584	0.024	ng	100
34) Bis(2-ethylhexyl)phtha...	21.208	149	12204	0.157	ng	100

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

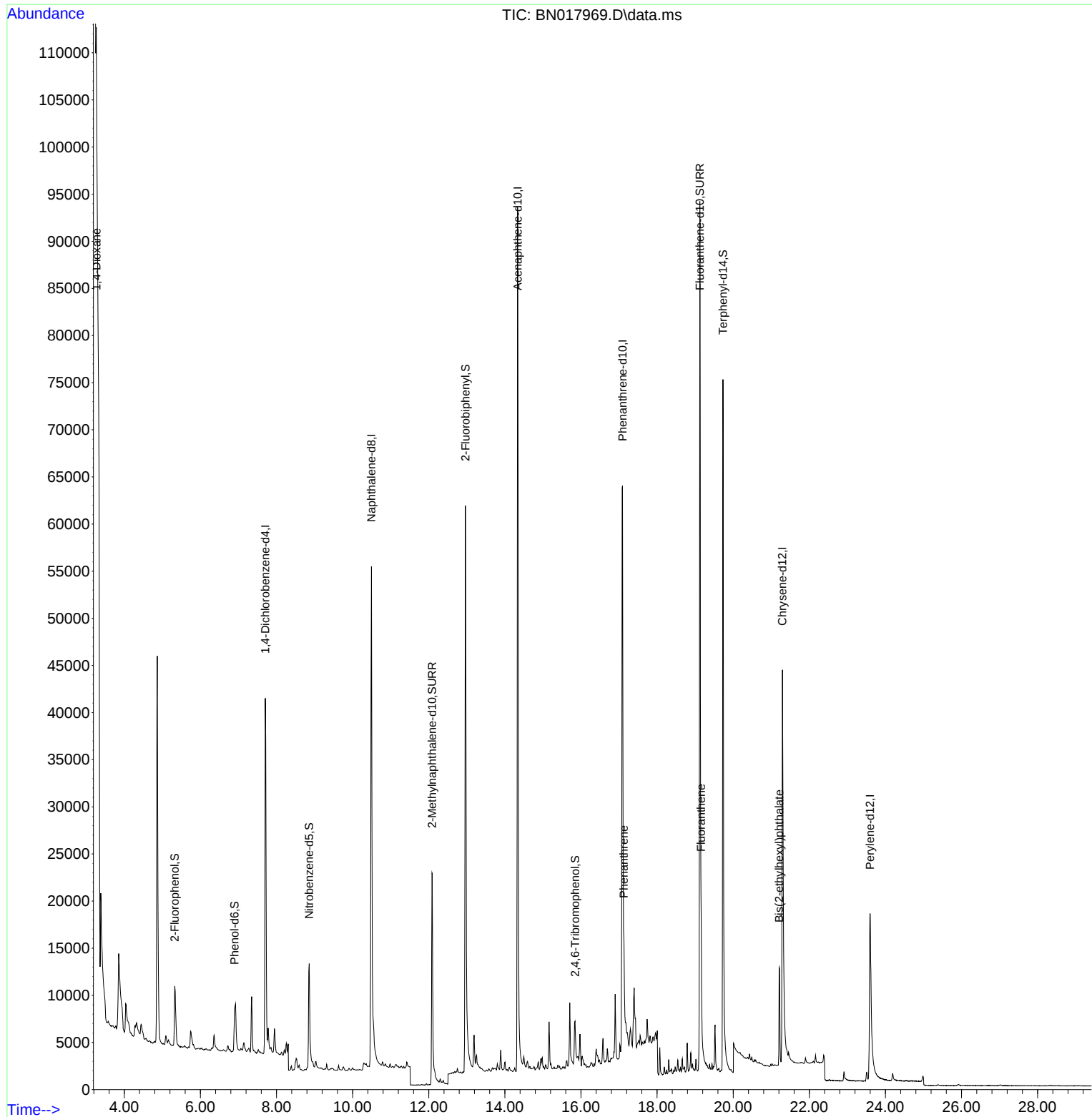
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017969.D
Acq On : 13 Dec 2021 13:18
Operator : CG/JU
Sample : M4922-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

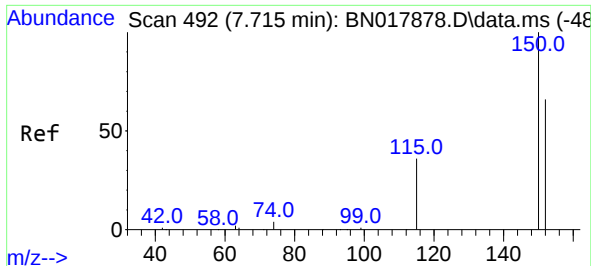
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Quant Time: Dec 14 03:40:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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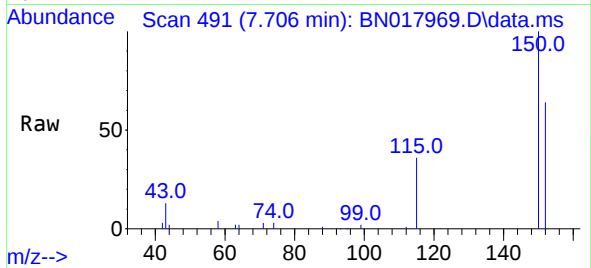
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.706 min Scan# 491
Delta R.T. -0.009 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

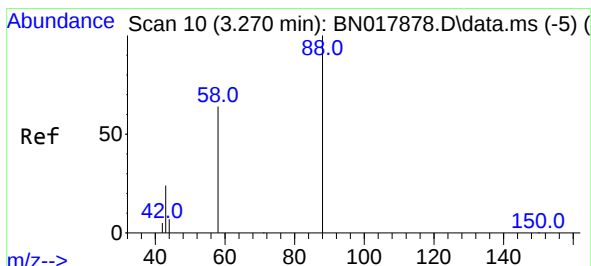
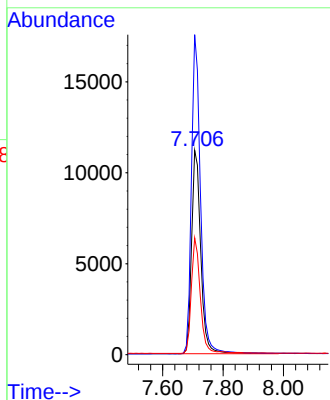
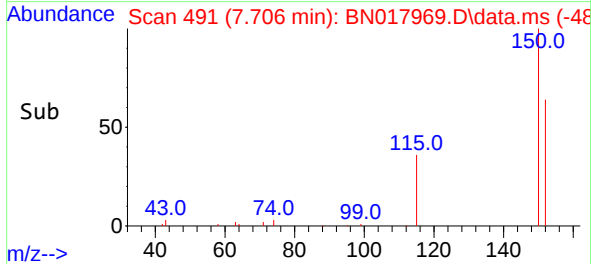
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130



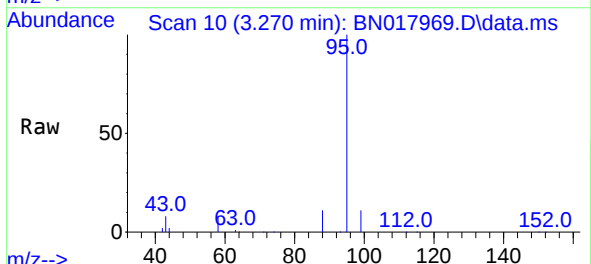
Tgt Ion:152 Resp: 2356
Ion Ratio Lower Upper
152 100
150 156.6 121.9 182.9
115 57.1 44.1 66.1

Manual Integrations
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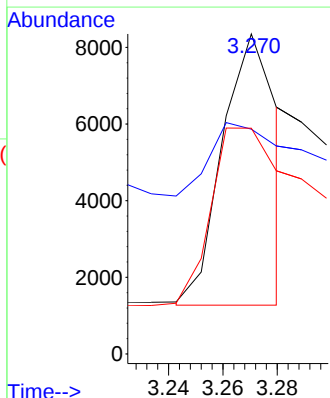
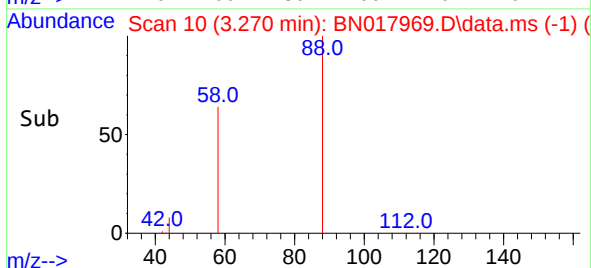
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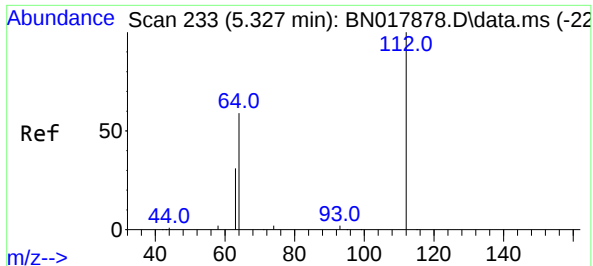


#2
1,4-Dioxane
Concen: 1.397 ng m
RT: 3.270 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18



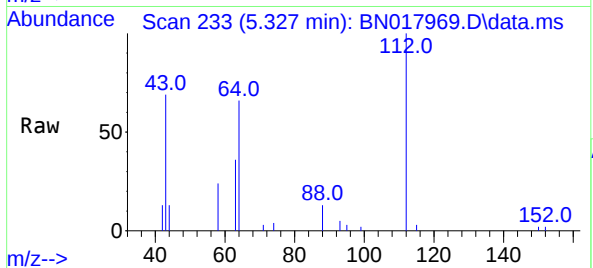
Tgt Ion: 88 Resp: 9991
Ion Ratio Lower Upper
88 100
43 42.7 28.0 42.0#
58 111.7 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

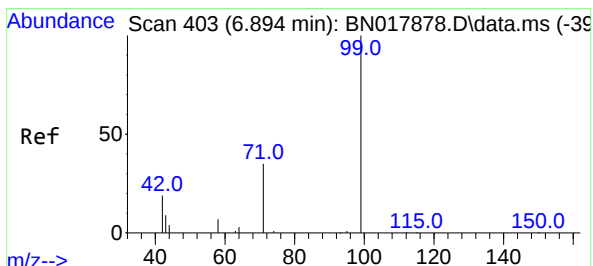
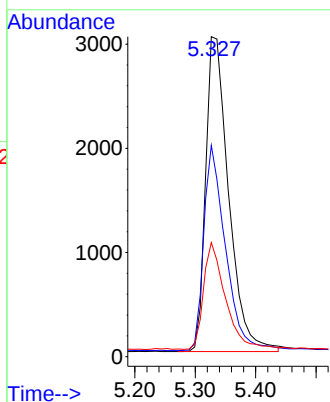
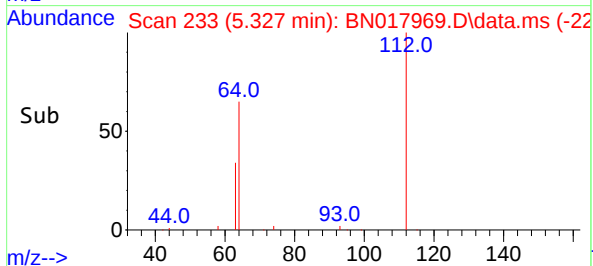
Instrument :
BNA_N
ClientSampleId :
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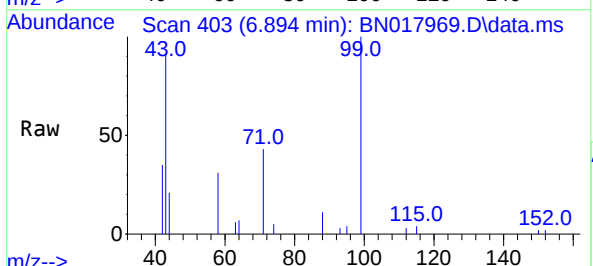
Tgt Ion: 112 Resp: 8000
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.4
63 32.2 26.2 39.2

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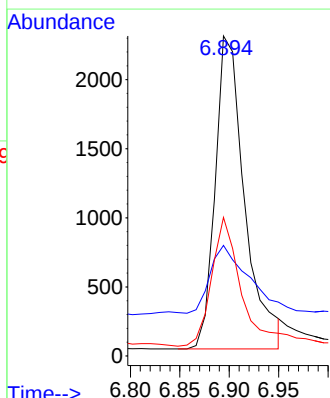
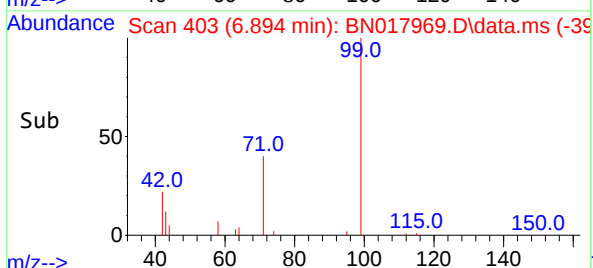
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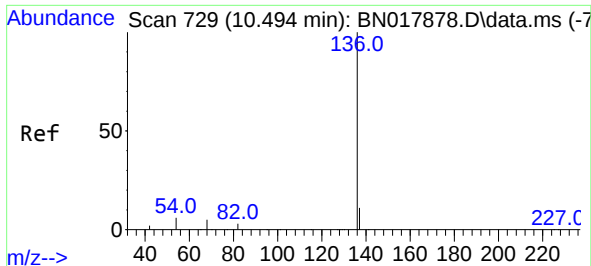


#5
Phenol-d6
Concen: 0.097 ng
RT: 6.894 min Scan# 403
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18



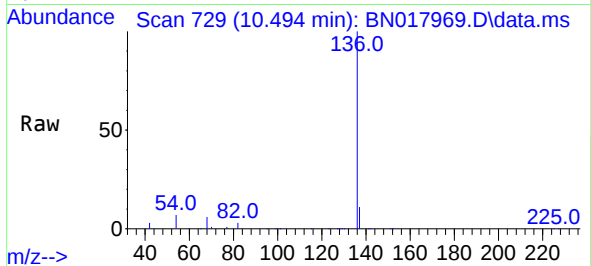
Tgt Ion: 99 Resp: 4701
Ion Ratio Lower Upper
99 100
42 27.9 17.0 25.4#
71 40.3 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

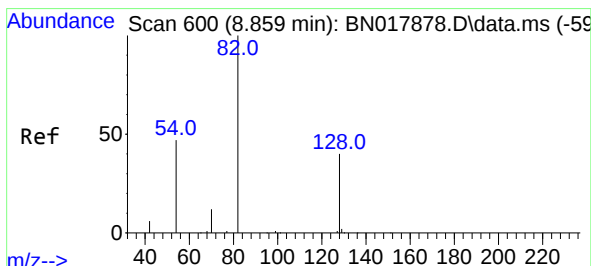
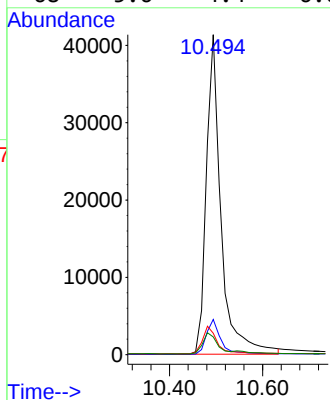
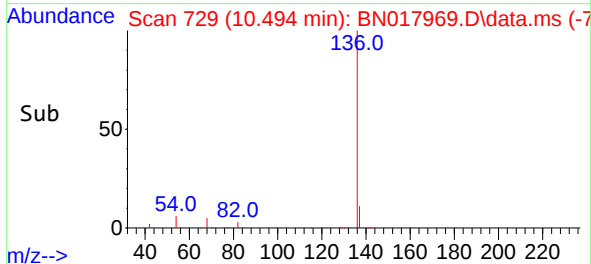


Tgt Ion: 136 Resp: 91198

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.1	7.7
68	5.6	4.4	6.6

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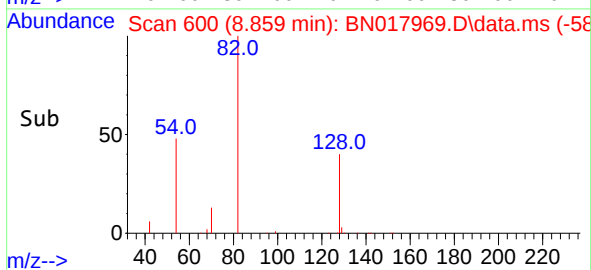
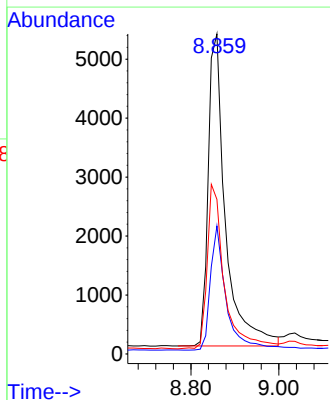
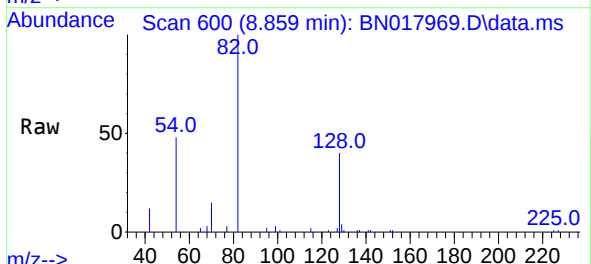
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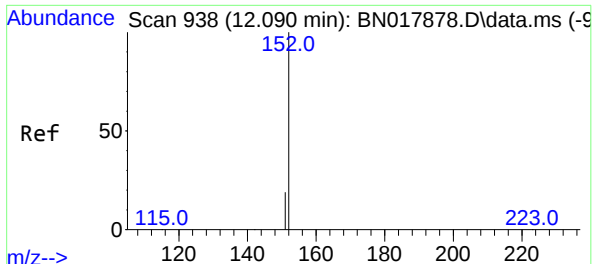


#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Tgt Ion: 82 Resp: 14380

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.4
54	48.3	37.6	56.4





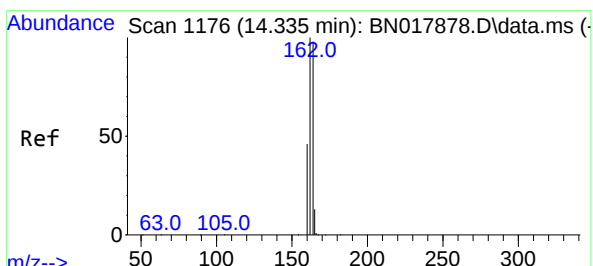
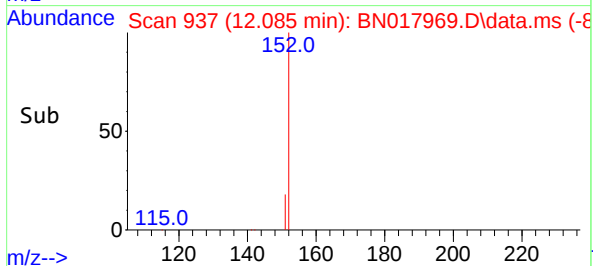
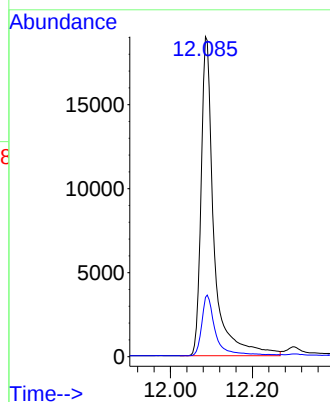
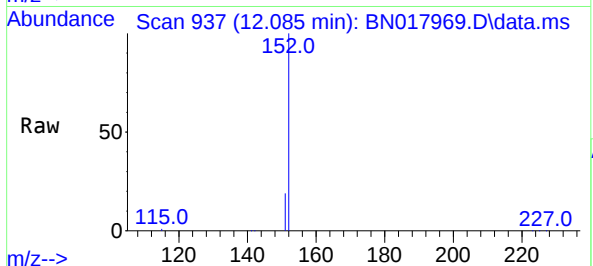
#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.004 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

Tgt Ion:152 Resp: 4141
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6

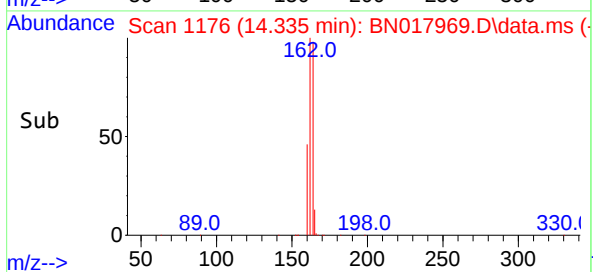
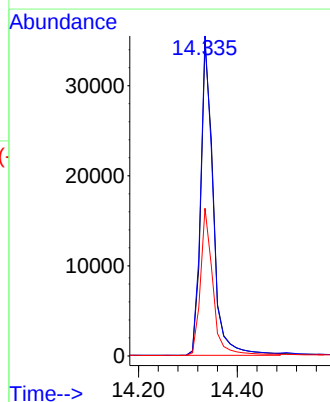
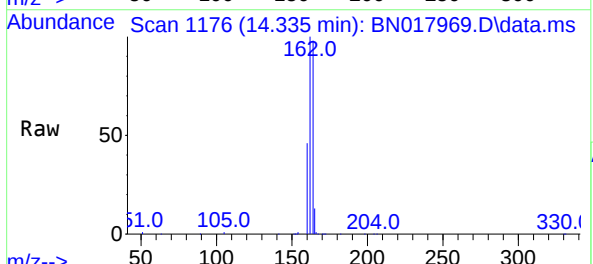
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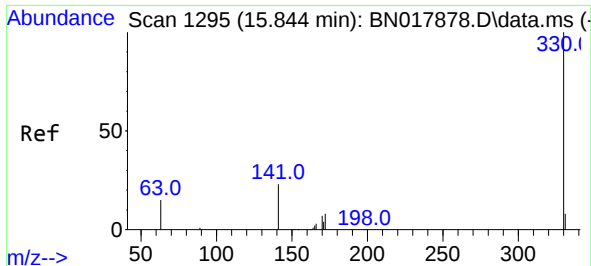
Reviewed By :Christian Giraldo 12/14/2021
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

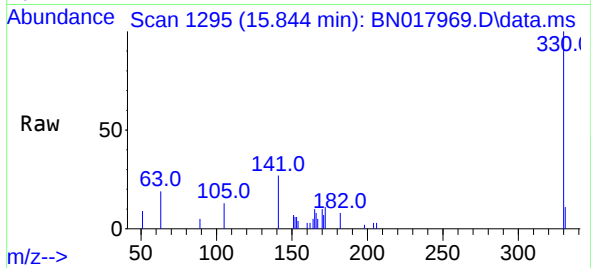
Tgt Ion:164 Resp: 61900
Ion Ratio Lower Upper
164 100
162 102.4 82.1 123.1
160 47.3 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.524 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

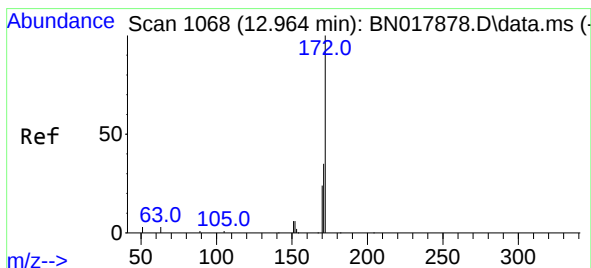
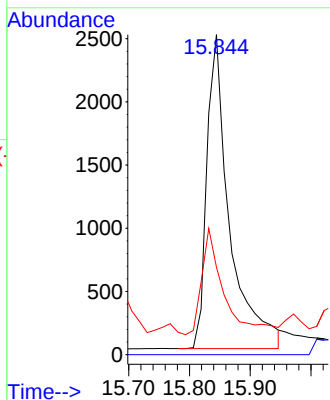
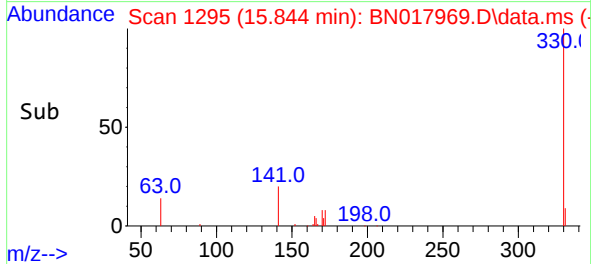
Instrument :
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RE139D2-20211130



Tgt Ion:330 Resp: 646
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.0 19.7 29.5

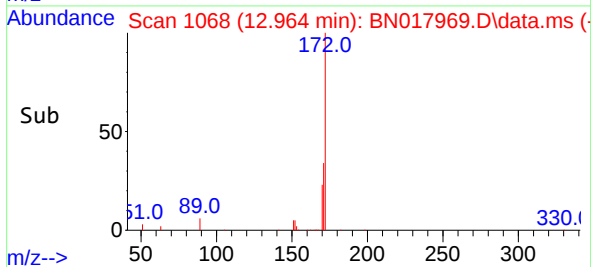
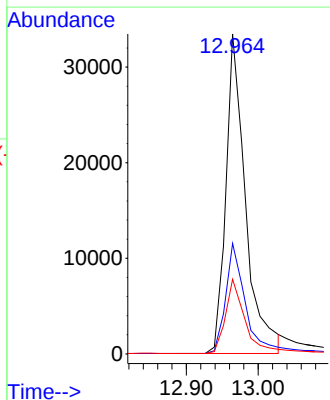
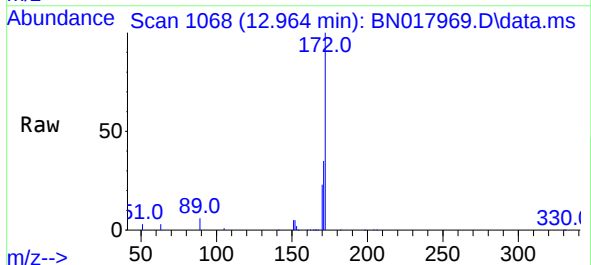
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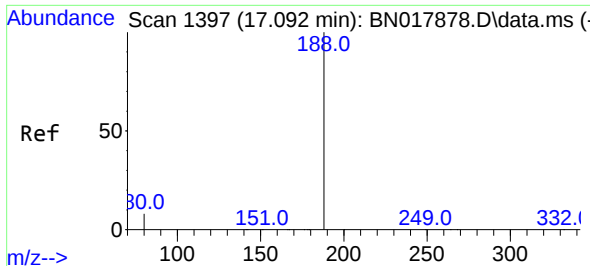
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#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Tgt Ion:172 Resp: 63496
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.4 19.1 28.7





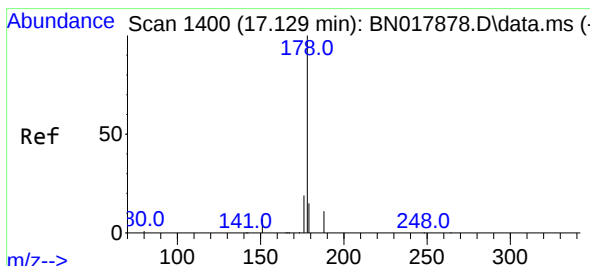
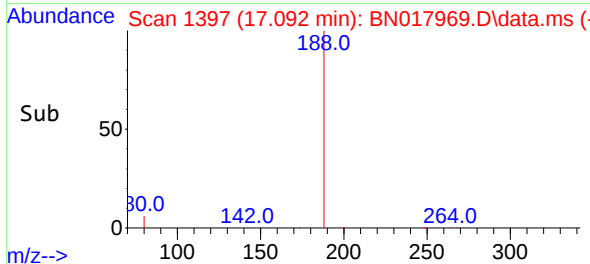
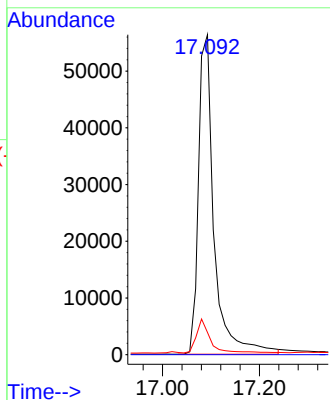
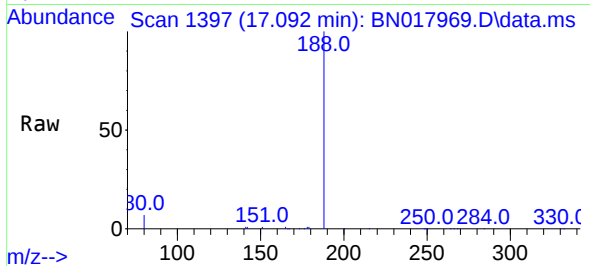
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130

Tgt Ion:188 Resp: 125608
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.2 9.2

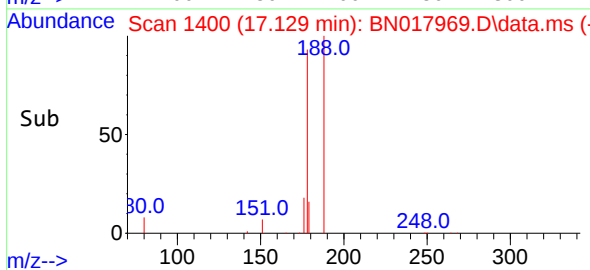
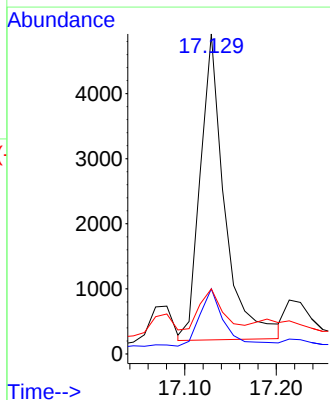
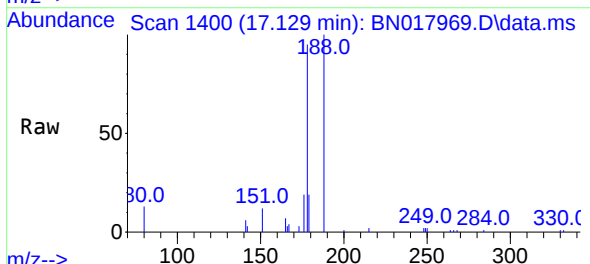
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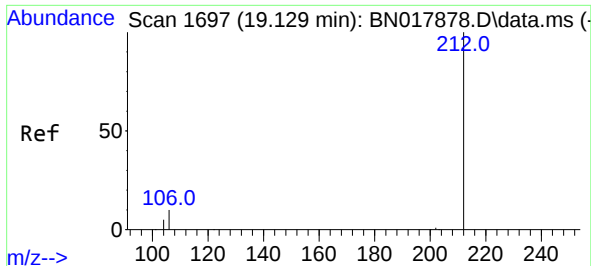
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#25
Phenanthrene
Concen: 0.027 ng
RT: 17.129 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Tgt Ion:178 Resp: 8668
Ion Ratio Lower Upper
178 100
176 21.7 15.0 22.6
179 15.5 12.4 18.6





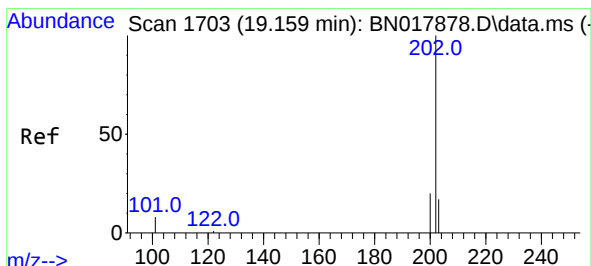
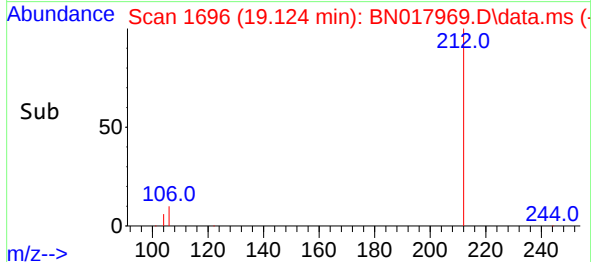
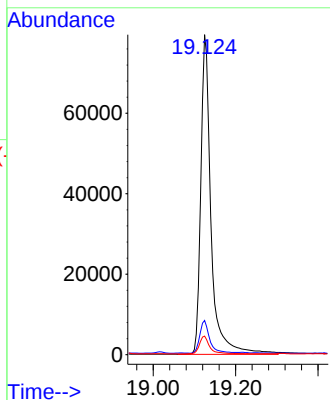
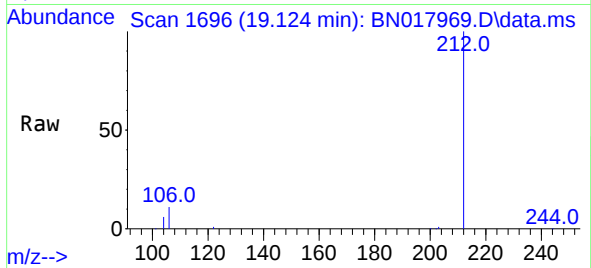
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.124 min Scan# 10
Delta R.T. -0.005 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Instrument :
BNA_N
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RE139D2-20211130

Tgt Ion:212 Resp: 13757
Ion Ratio Lower Upper
212 100
106 9.8 8.3 12.5
104 5.8 4.6 6.8

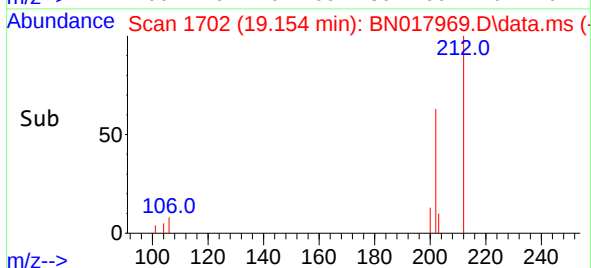
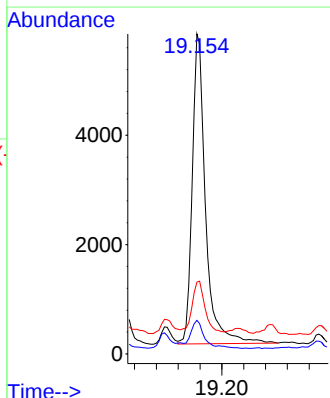
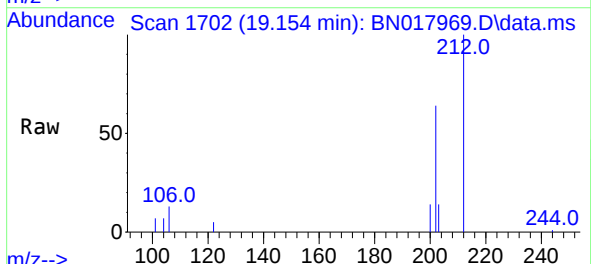
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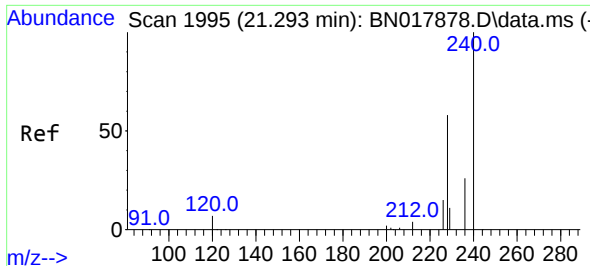
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

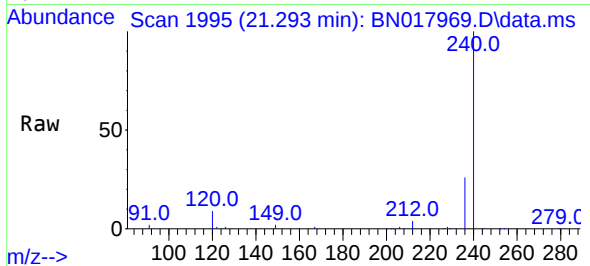
Tgt Ion:202 Resp: 9584
Ion Ratio Lower Upper
202 100
101 9.2 7.3 10.9
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

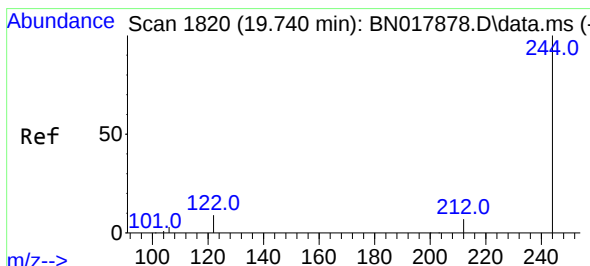
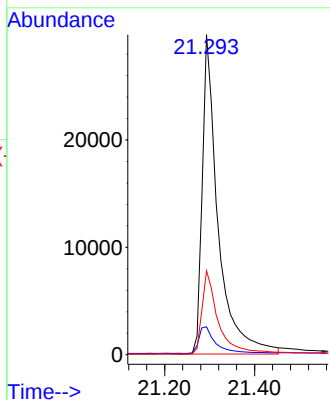
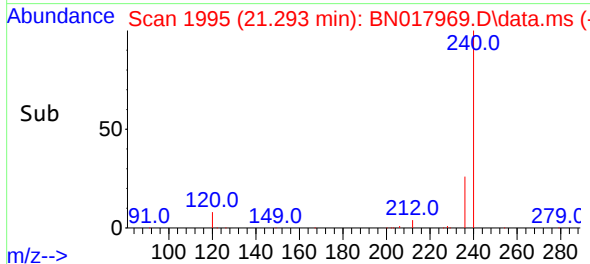
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130



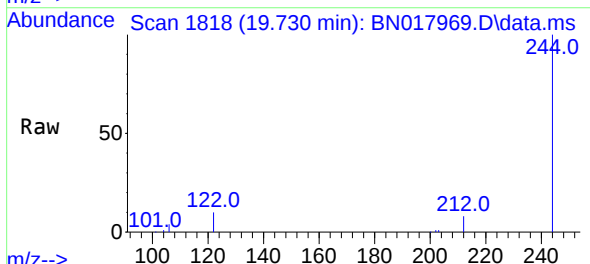
Tgt Ion:240 Resp: 7256
Ion Ratio Lower Upper
240 100
120 8.7 5.8 8.8
236 26.2 21.0 31.6

Manual Integrations
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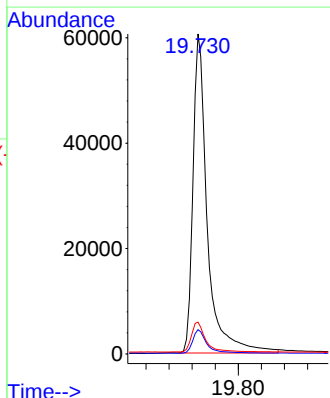
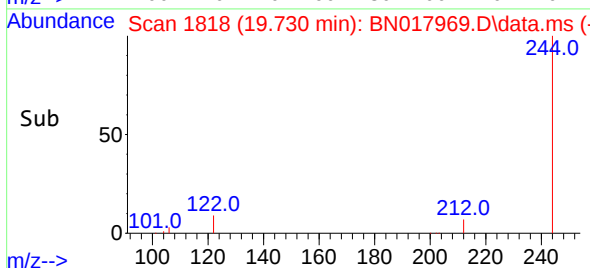
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021

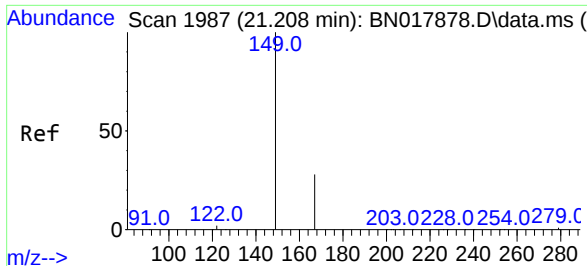


#31
Terphenyl-d14
Concen: 0.586 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18



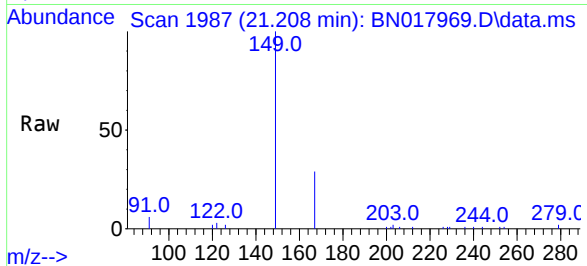
Tgt Ion:244 Resp: 104797
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.0 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.157 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

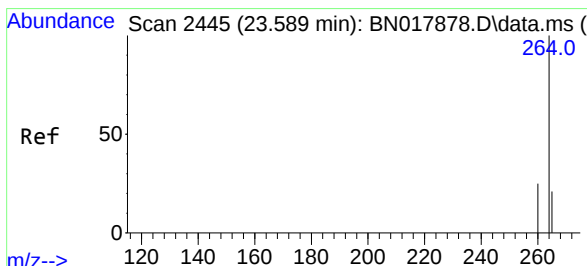
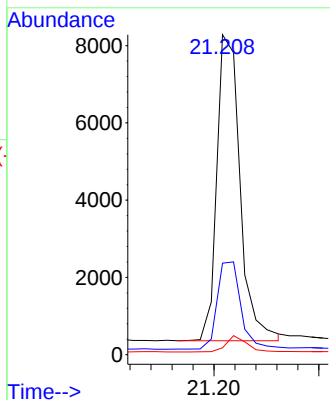
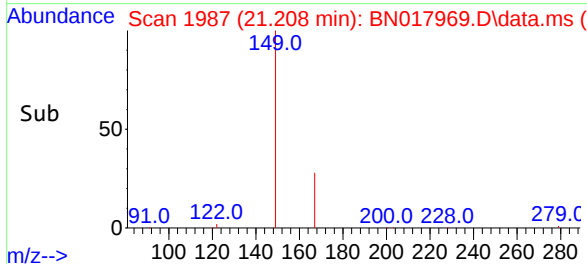
Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130



Tgt Ion:149 Resp: 12204
Ion Ratio Lower Upper
149 100
167 29.1 23.4 35.0
279 4.6 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.599 min Scan# 2448
Delta R.T. 0.010 min
Lab File: BN017969.D
Acq: 13 Dec 2021 13:18

Tgt Ion:264 Resp: 42193
Ion Ratio Lower Upper
264 100
260 26.1 20.2 30.4
265 23.1 18.2 27.4

