

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017927.D
 Acq On : 12 Dec 2021 05:17
 Operator : CG/JU
 Sample : M4956-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D2-20211204

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 00:03:03 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	7.714	152	24666	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97738	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	64414	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	131276	0.400	ng	0.00
29) Chrysene-d12	21.293	240	89955	0.400	ng	0.00
35) Perylene-d12	23.592	264	57780	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.326	112	6810	0.134	ng	0.00
5) Phenol-d6	6.903	99	3714	0.074	ng	0.00
8) Nitrobenzene-d5	8.859	82	18605	0.292	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	48515	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	7121	0.535	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	74829	0.330	ng	0.00
27) Fluoranthene-d10	19.124	212	165751	0.390	ng	0.00
31) Terphenyl-d14	19.730	244	163069	0.735	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	4150m	0.554	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.208	149	12395	0.128	ng	99

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

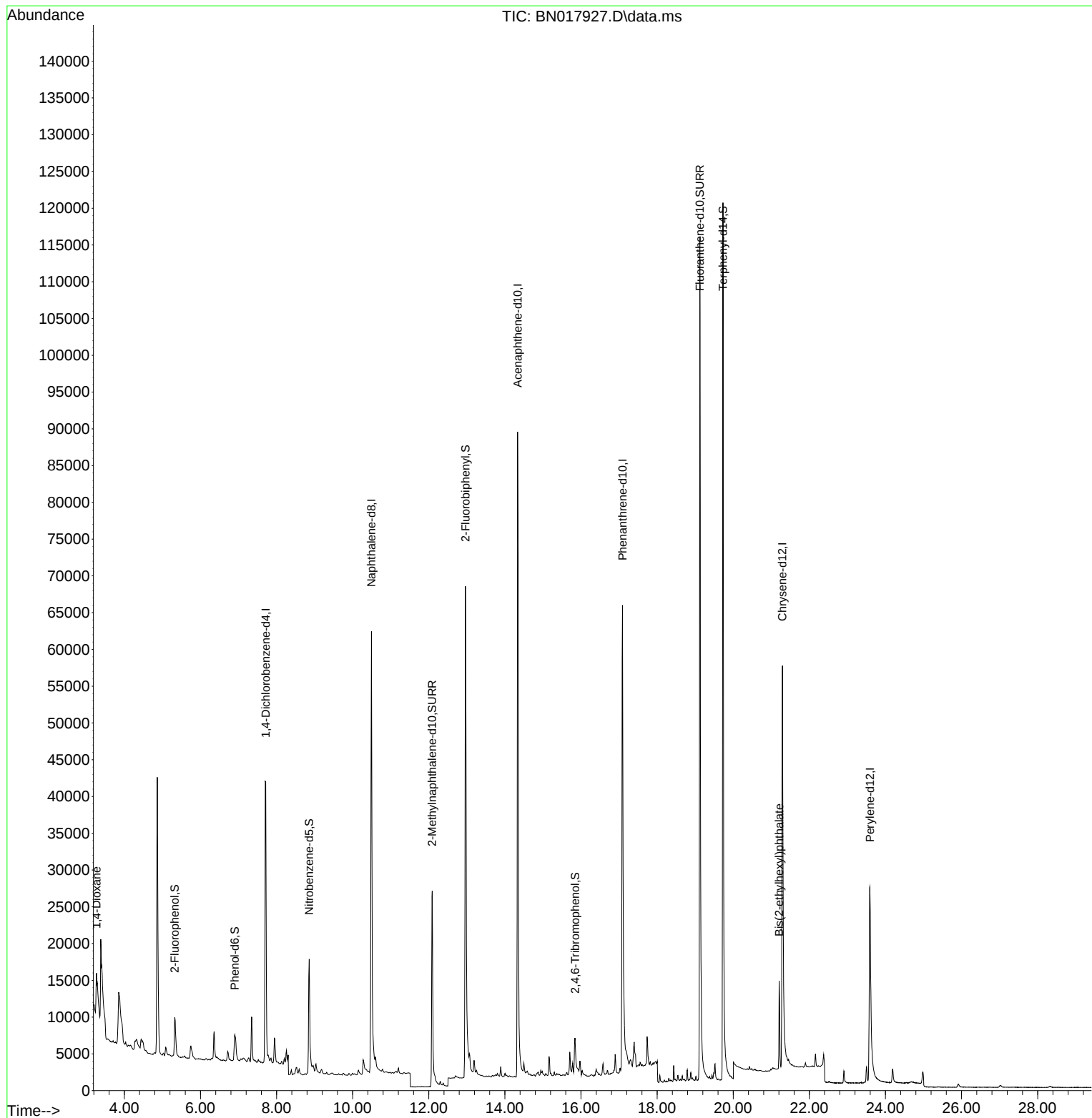
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017927.D
Acq On : 12 Dec 2021 05:17
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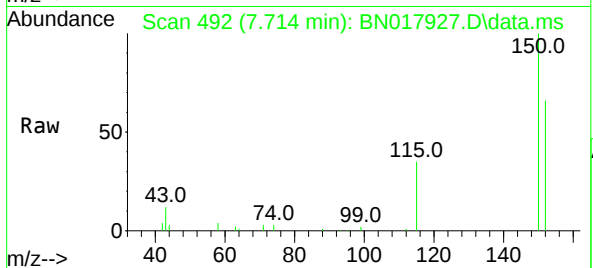
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

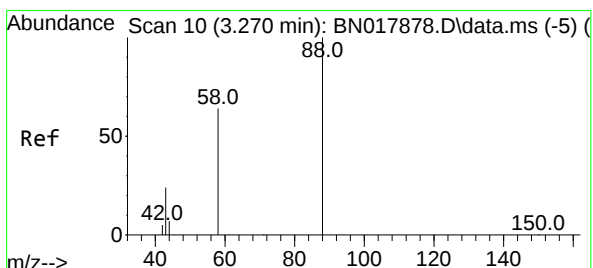
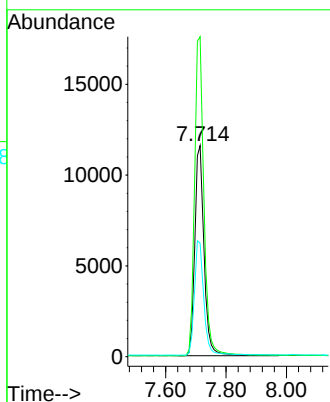
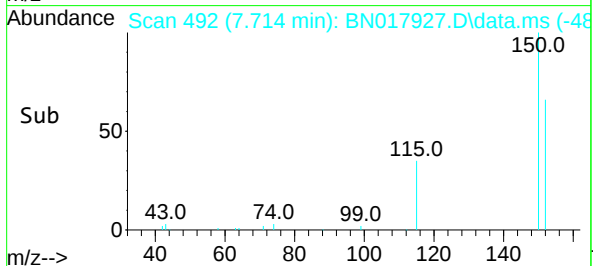
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204



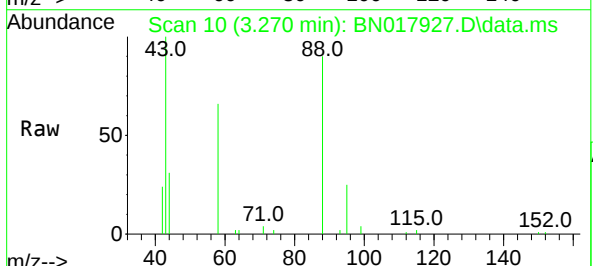
Tgt Ion:152 Resp: 24660
Ion Ratio Lower Upper
152 100
150 151.7 121.9 182.9
115 53.7 44.1 66.1

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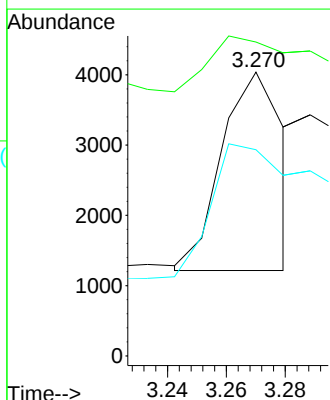
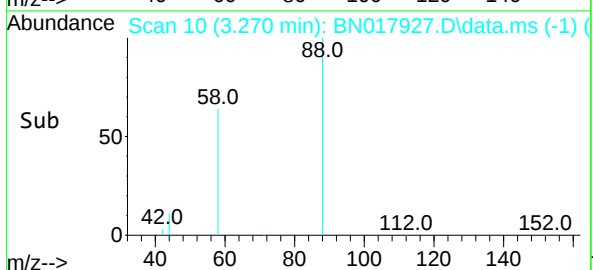
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

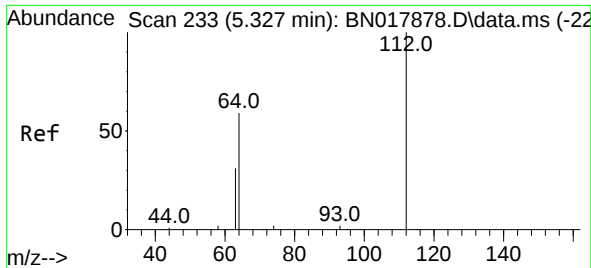


#2
1,4-Dioxane
Concen: 0.554 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17



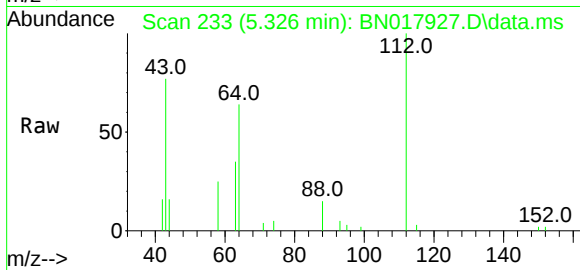
Tgt Ion: 88 Resp: 4150
Ion Ratio Lower Upper
88 100
43 44.3 28.0 42.0#
58 115.4 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.326 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

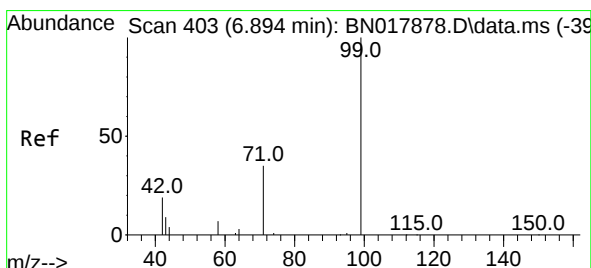
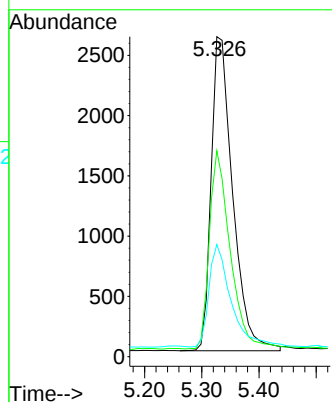
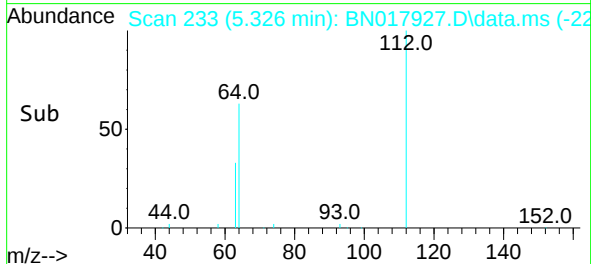
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204



Tgt Ion: 112 Resp: 6810
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 33.2 26.2 39.2

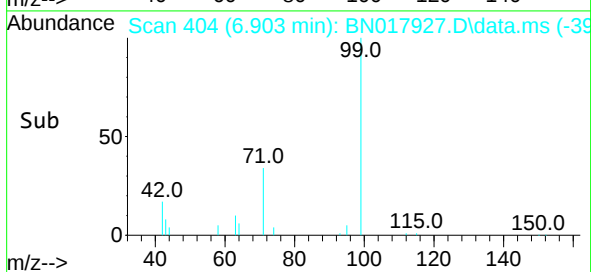
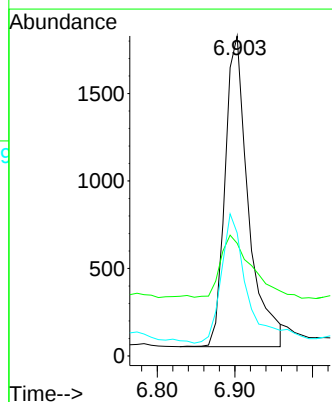
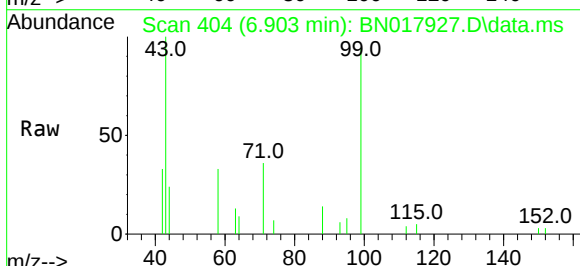
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Supervised By :Jagrut Upadhyay 12/13/2021



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

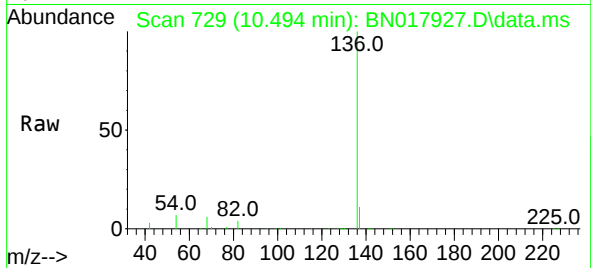
Tgt Ion: 99 Resp: 3714
Ion Ratio Lower Upper
99 100
42 25.6 17.0 25.4#
71 44.3 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

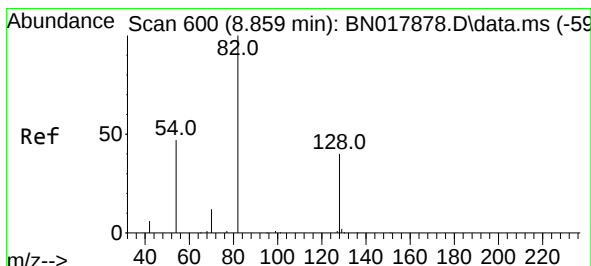
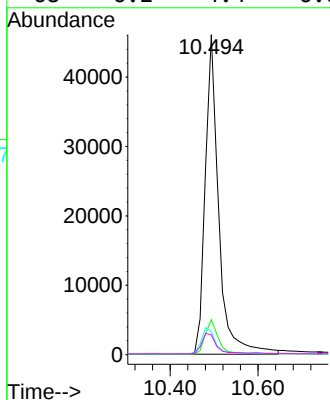
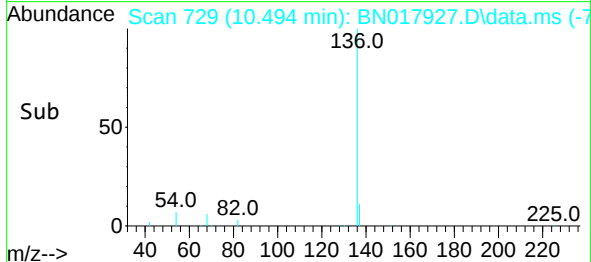
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204



Tgt Ion:136 Resp: 97738
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.1 7.7
68 6.2 4.4 6.6

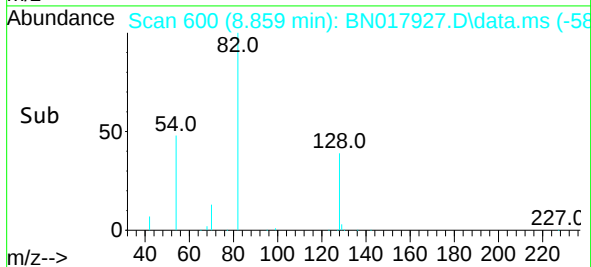
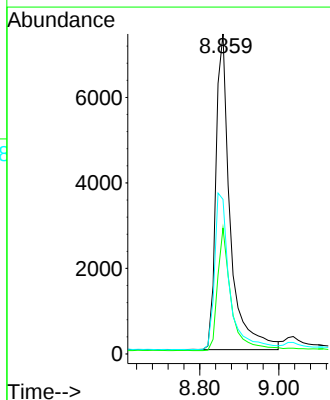
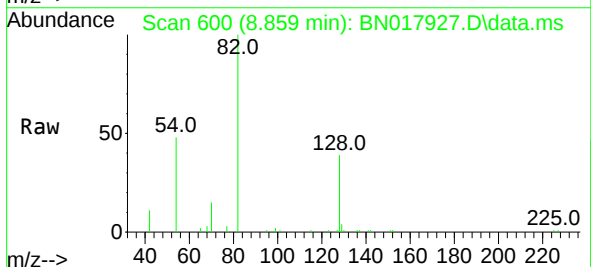
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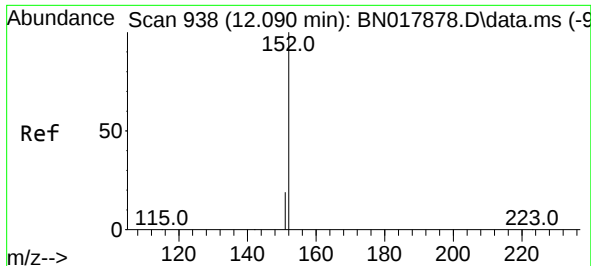
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

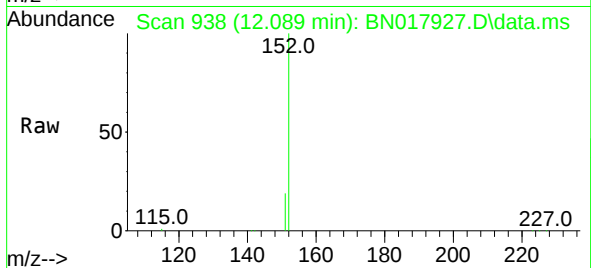
Tgt Ion: 82 Resp: 18605
Ion Ratio Lower Upper
82 100
128 39.3 32.2 48.4
54 48.3 37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

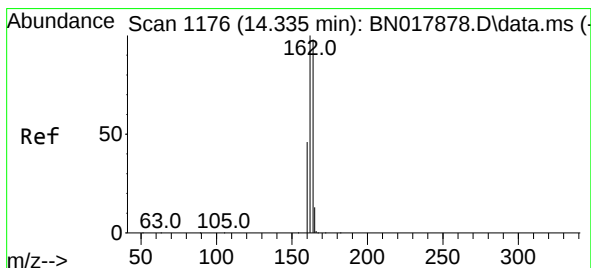
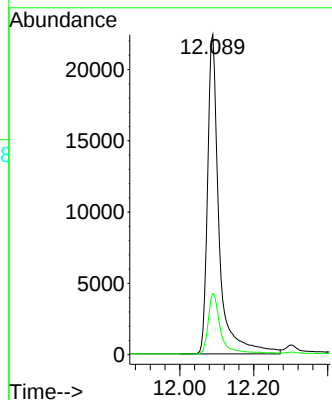
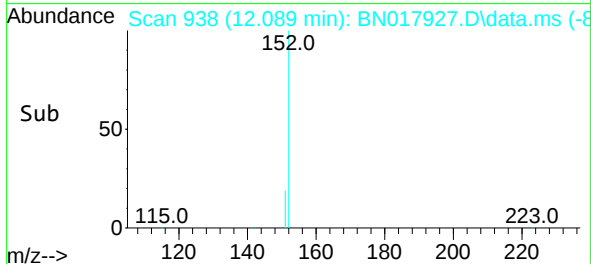
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BNA_N
ClientSampleId :
RE123D2-20211204



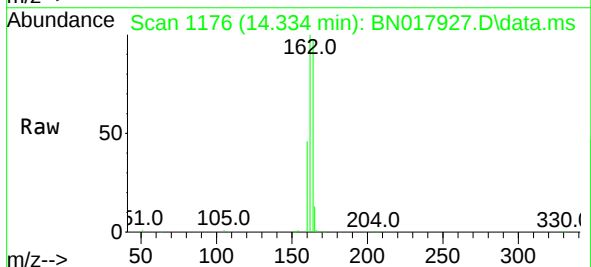
Tgt Ion:152 Resp: 4851
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6

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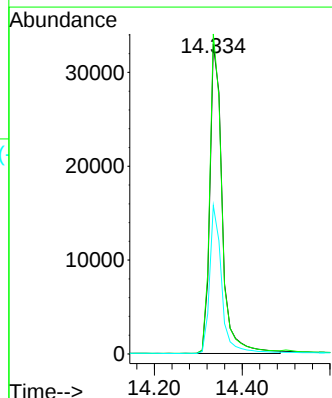
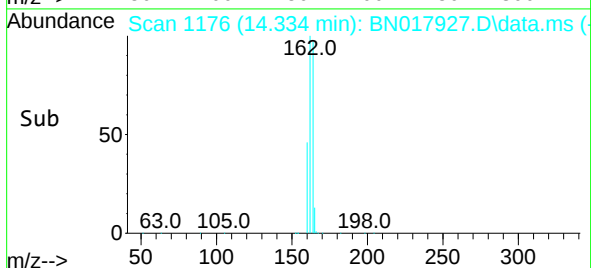
Reviewed By :Christian Giraldo 12/13/2021
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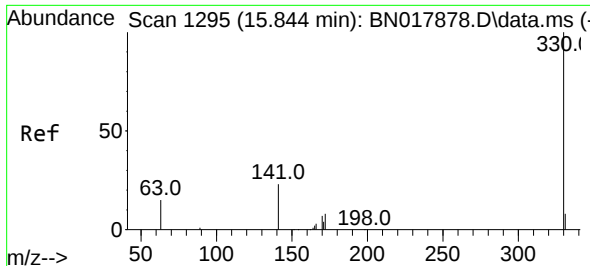


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17



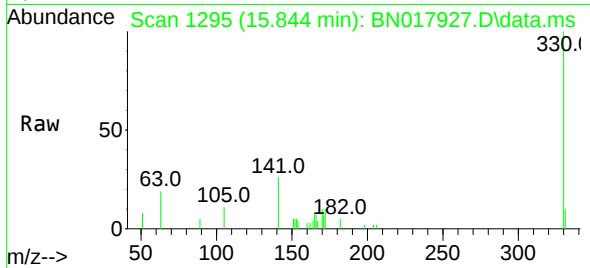
Tgt Ion:164 Resp: 64414
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 48.0 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.535 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

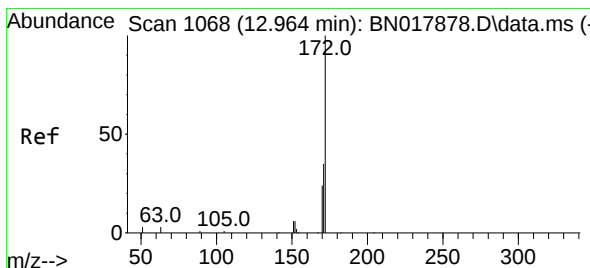
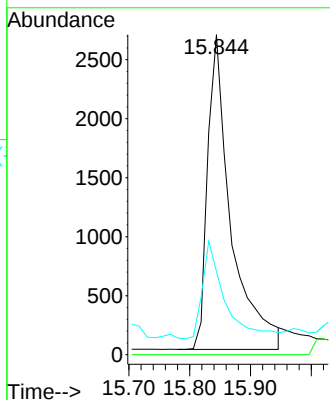
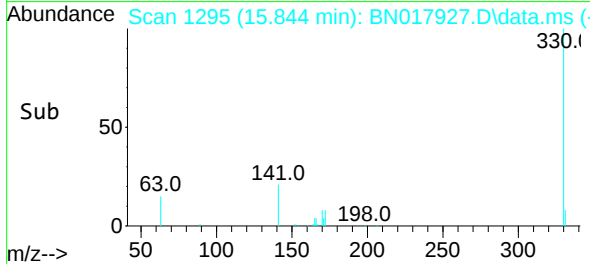
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204



Tgt Ion:330 Resp: 712
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 19.7 29.5

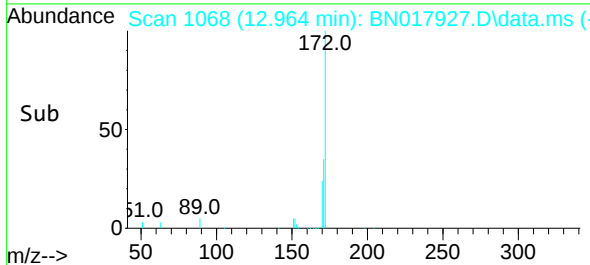
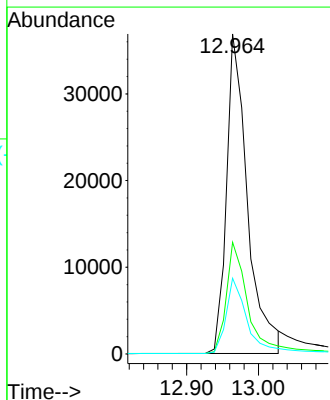
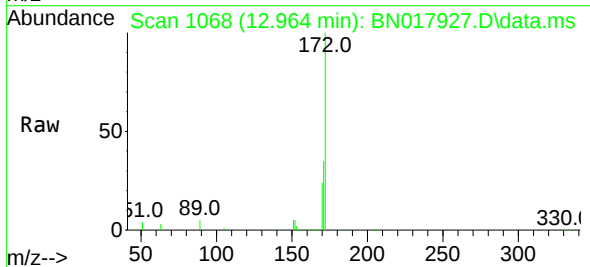
Manual Integrations
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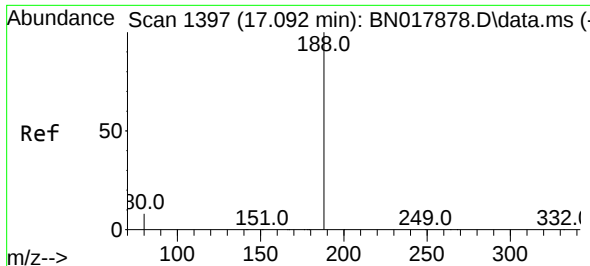
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

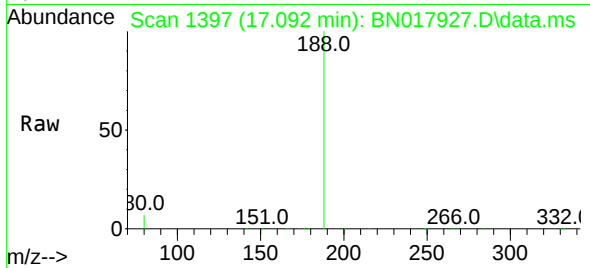
Tgt Ion:172 Resp: 74829
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.7 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

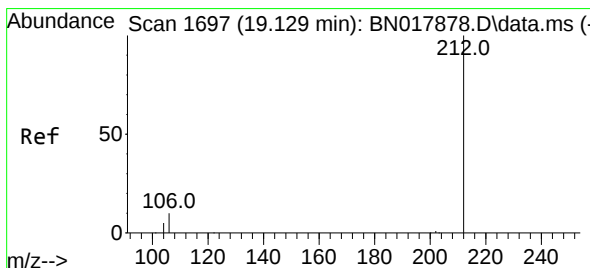
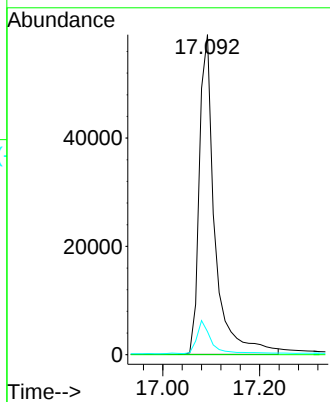
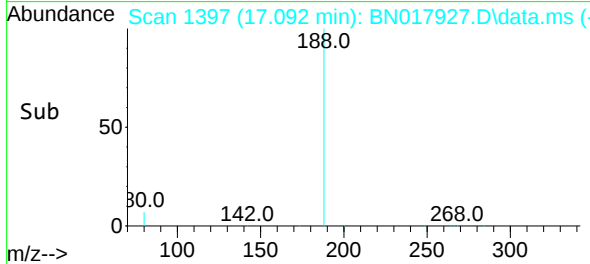
Instrument :
BNA_N
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RE123D2-20211204



Tgt Ion:188 Resp: 131270
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.2 9.2

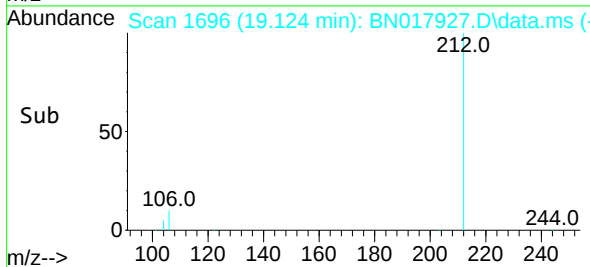
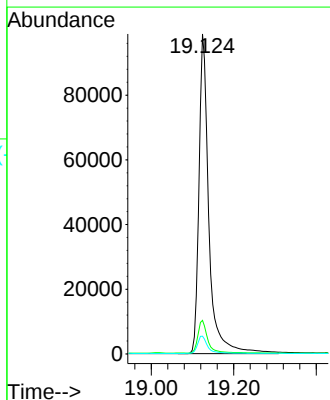
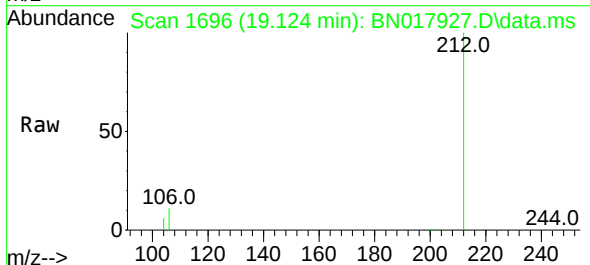
Manual Integrations
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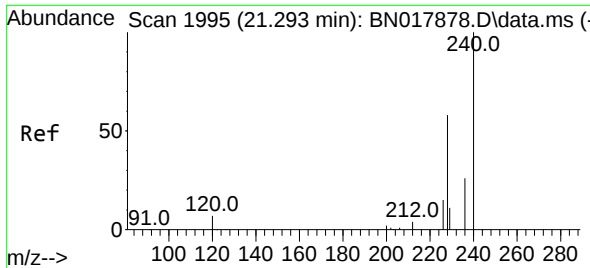
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

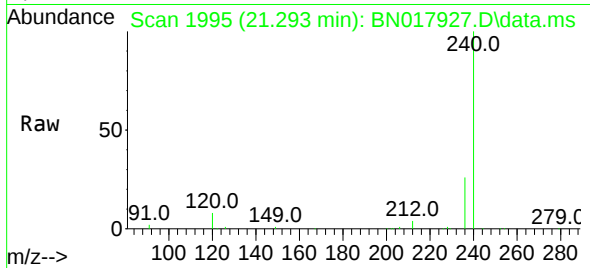
Tgt Ion:212 Resp: 165751
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.7 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

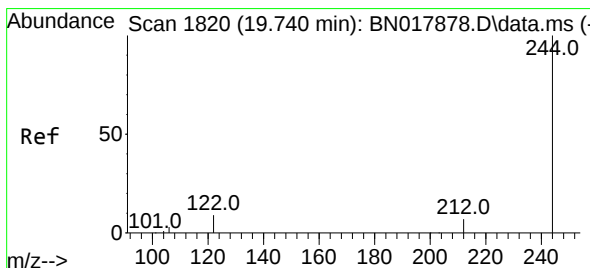
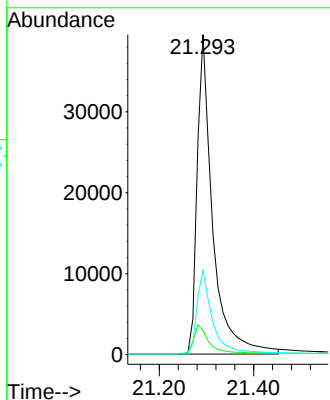
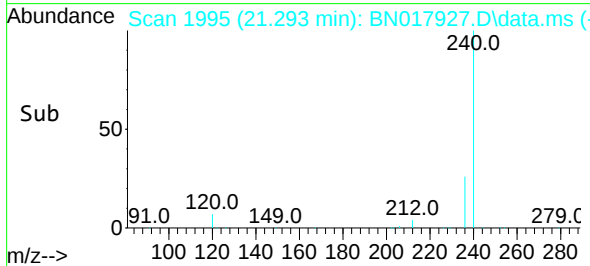
Instrument :
BNA_N
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RE123D2-20211204



Tgt Ion:240 Resp: 8995
Ion Ratio Lower Upper
240 100
120 7.6 5.8 8.8
236 26.3 21.0 31.6

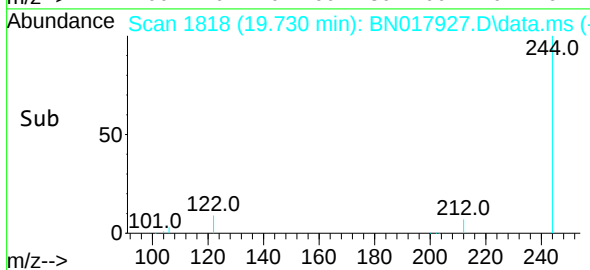
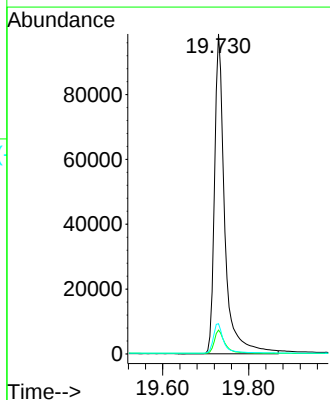
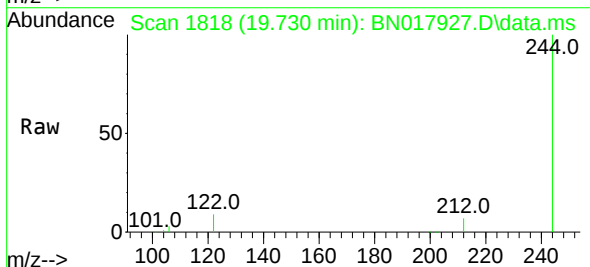
Manual Integrations
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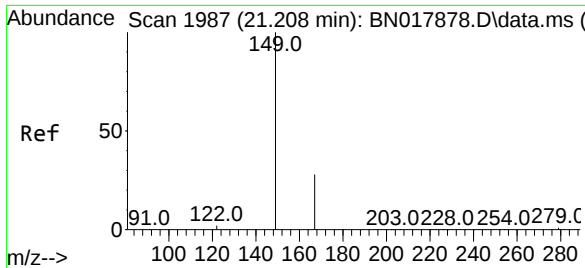
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#31
Terphenyl-d14
Concen: 0.735 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

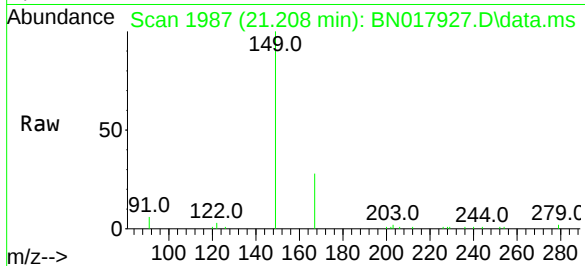
Tgt Ion:244 Resp: 163069
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.4 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017927.D
Acq: 12 Dec 2021 05:17

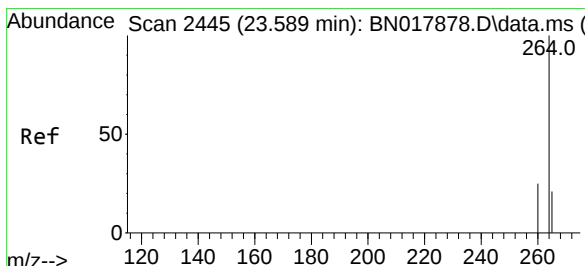
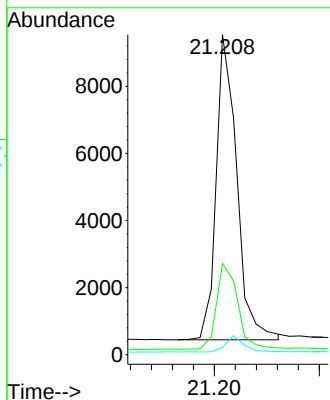
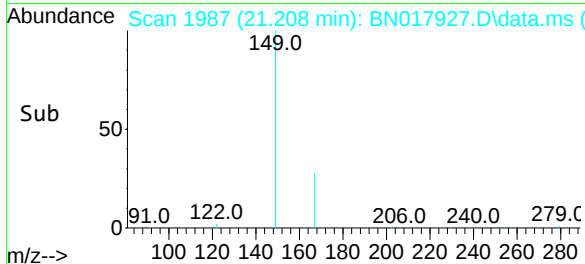
Instrument :
BNA_N
ClientSampleId :
RE123D2-20211204



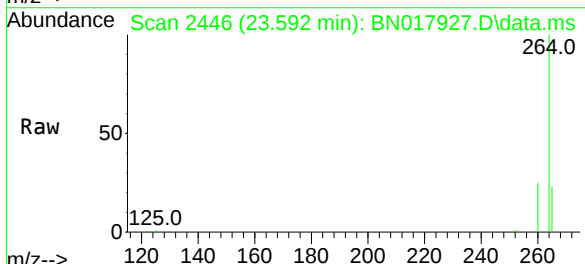
Tgt Ion:149 Resp: 12395
Ion Ratio Lower Upper
149 100
167 28.9 23.4 35.0
279 4.7 3.6 5.4

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: BN017927.D
Acq: 12 Dec 2021 05:17



Tgt Ion:264 Resp: 57780
Ion Ratio Lower Upper
264 100
260 25.2 20.2 30.4
265 23.2 18.2 27.4

