

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017842.D
 Acq On : 09 Dec 2021 19:42
 Operator : CG/JU
 Sample : M4924-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20211202

Quant Time: Dec 10 06:48:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19712	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	79224	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	51706	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	102847	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	90546	0.400	ng	# 0.01
35) Perylene-d12	23.592	264	62836	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5796	0.122	ng	0.00
5) Phenol-d6	6.903	99	2907	0.065	ng	0.00
8) Nitrobenzene-d5	8.859	82	13804	0.262	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	37768	0.239	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	2300	0.085	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	56189	0.297	ng	0.01
27) Fluoranthene-d10	19.129	212	129958	0.378	ng	0.00
31) Terphenyl-d14	19.735	244	106893	0.550	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	730m	0.101	ng	Qvalue
9) Naphthalene	10.545	128	6366	0.031	ng	# 95
12) 2-Methylnaphthalene	12.165	142	4326	0.029	ng	97
34) Bis(2-ethylhexyl)phtha...	21.219	149	30215	0.239	ng	100

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

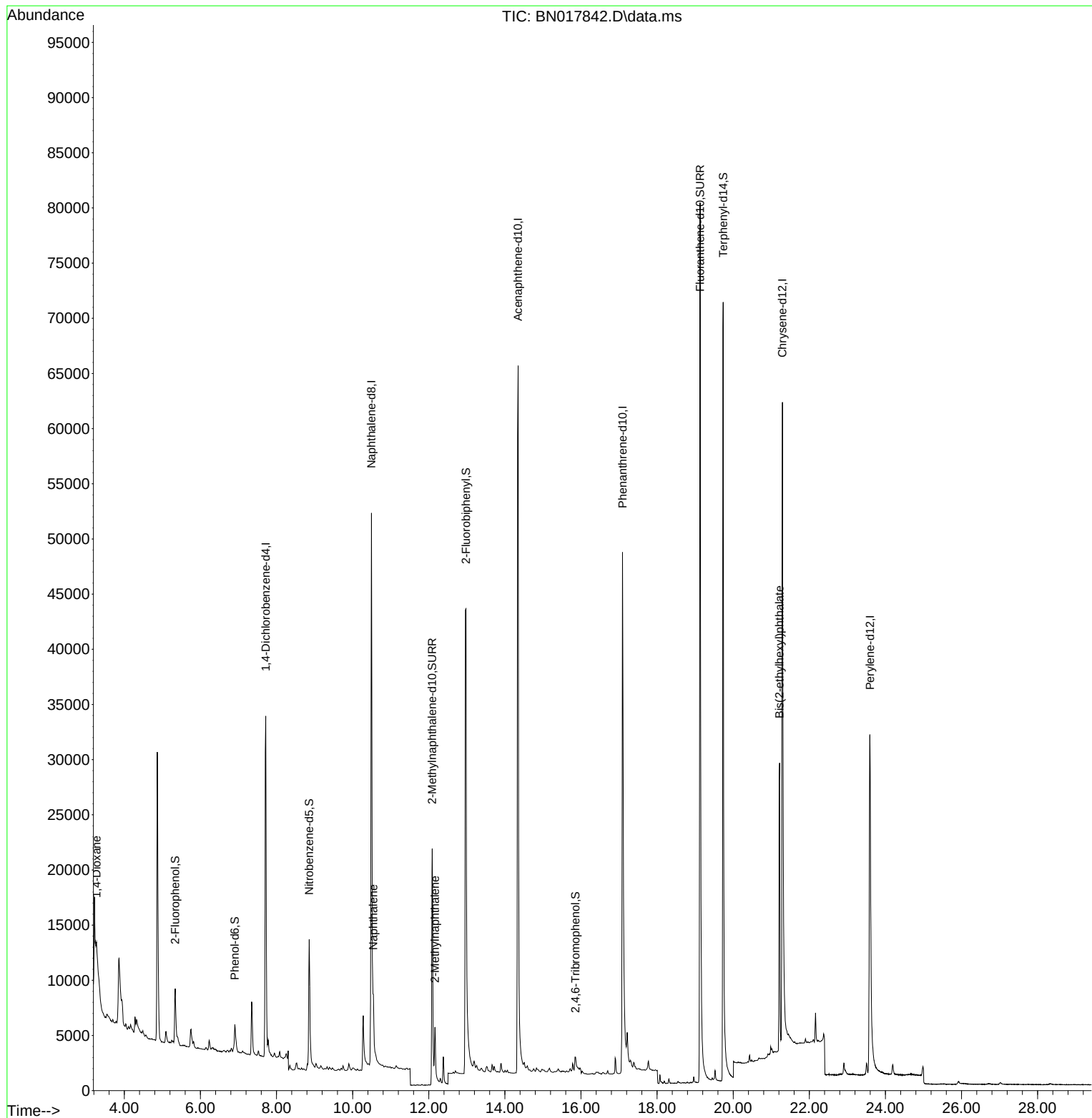
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017842.D
Acq On : 09 Dec 2021 19:42
Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

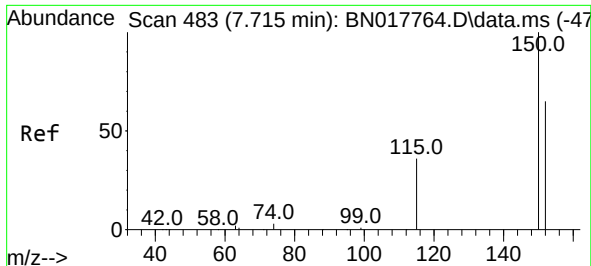
Instrument :
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RE135D2-20211202

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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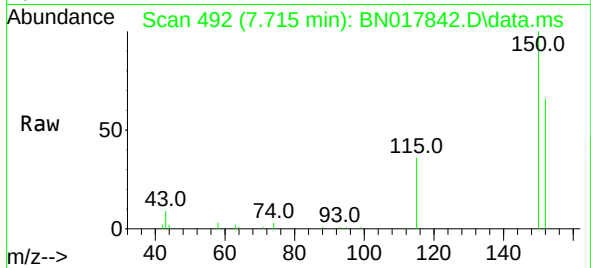
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN017842.D
 Acq: 09 Dec 2021 19:42

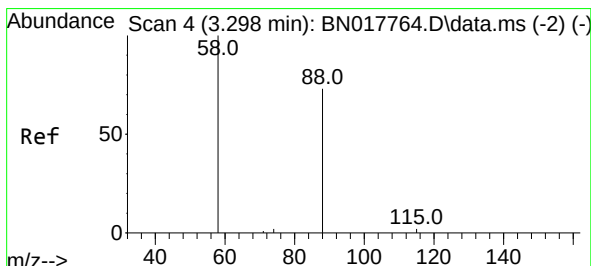
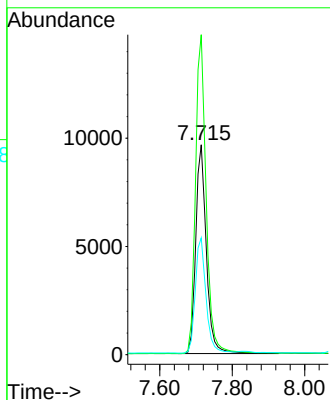
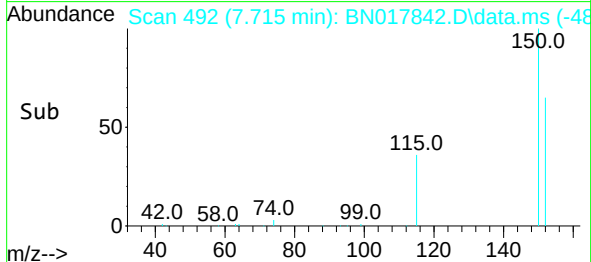
Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20211202



Tgt Ion: 152 Resp: 1971
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.0 184.4
 115 55.6 45.3 67.9

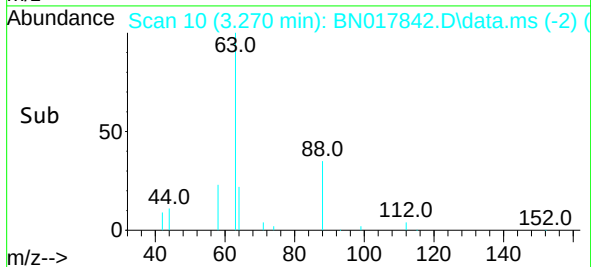
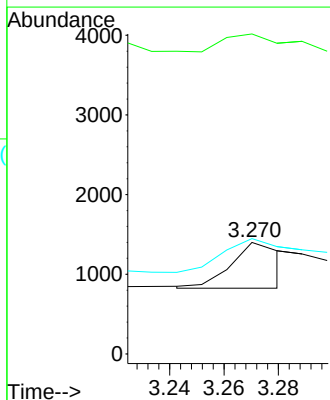
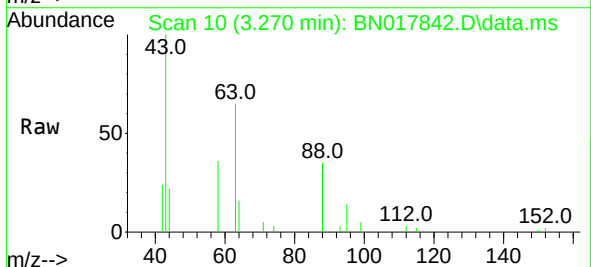
Manual Integrations
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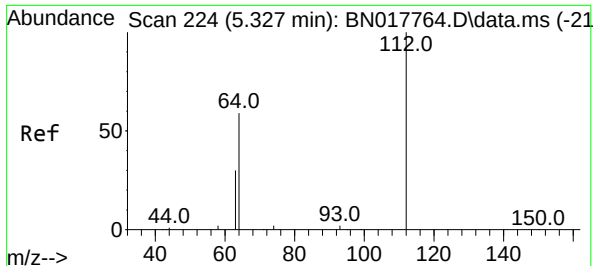
Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021



#2
 1,4-Dioxane
 Concen: 0.101 ng m
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017842.D
 Acq: 09 Dec 2021 19:42

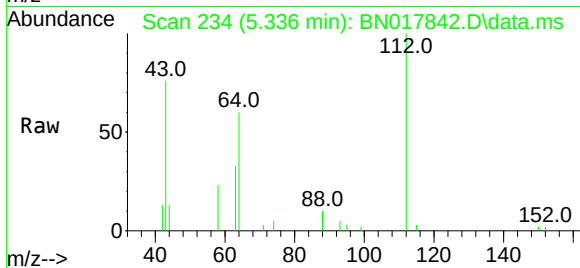
Tgt Ion: 88 Resp: 730
 Ion Ratio Lower Upper
 88 100
 43 128.6 0.0 0.0#
 58 158.2 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

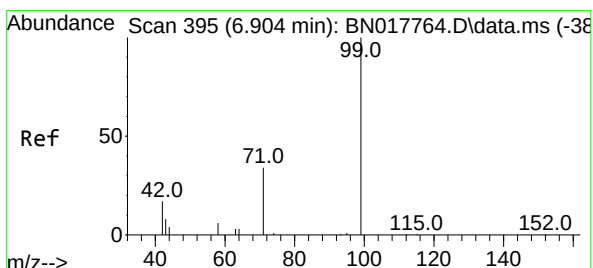
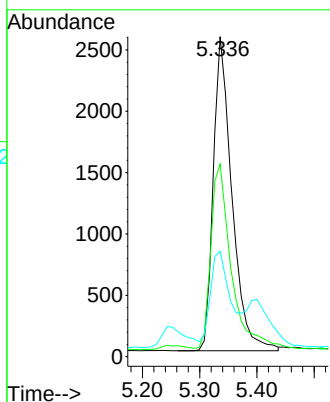
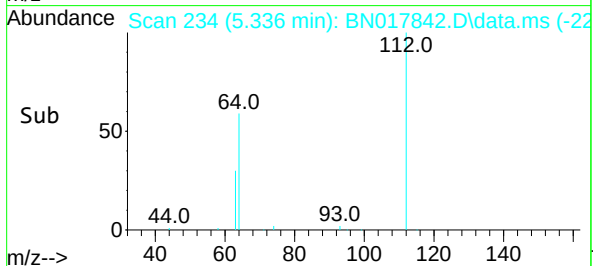
Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202



Tgt Ion: 112 Resp: 5790
Ion Ratio Lower Upper
112 100
64 63.1 49.3 73.9
63 30.0 25.8 38.8

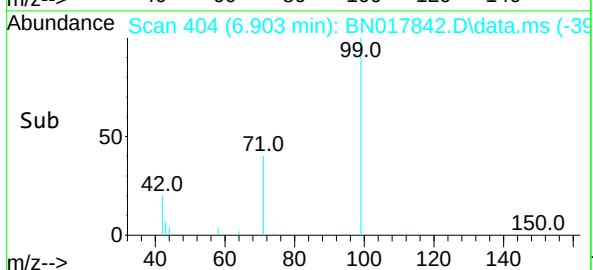
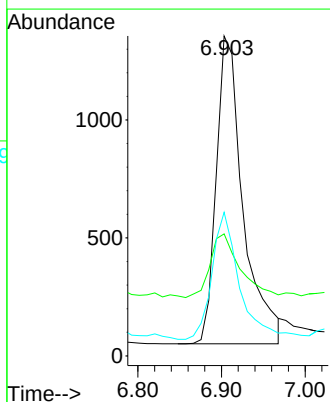
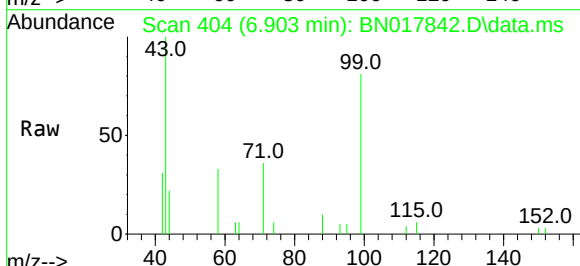
Manual Integrations
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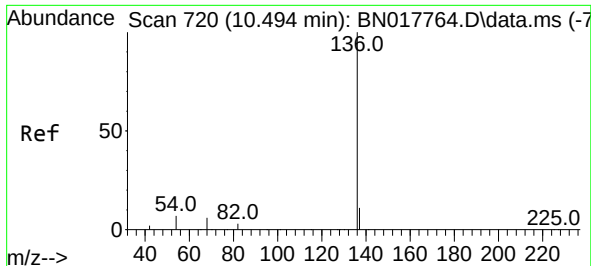
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

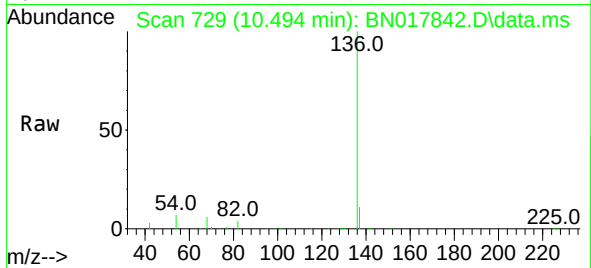
Tgt Ion: 99 Resp: 2907
Ion Ratio Lower Upper
99 100
42 23.2 16.6 25.0
71 41.4 29.0 43.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202

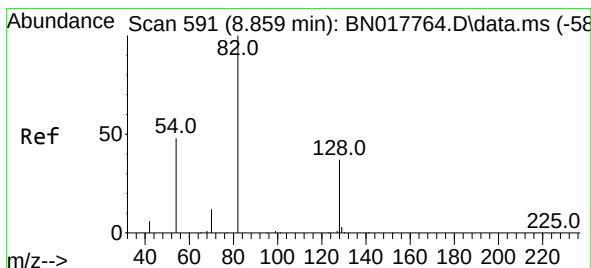
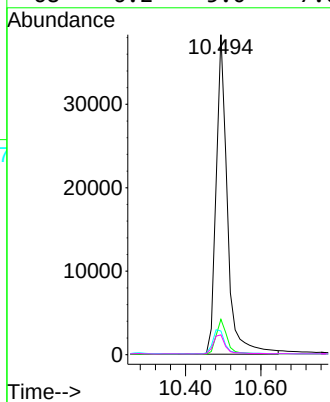
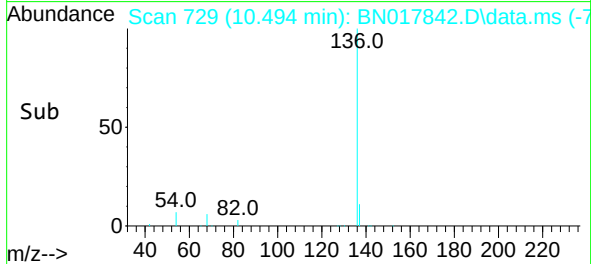


Tgt Ion: 136 Resp: 79224

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	5.9	8.9
68	6.2	5.0	7.6

Manual Integrations
APPROVED

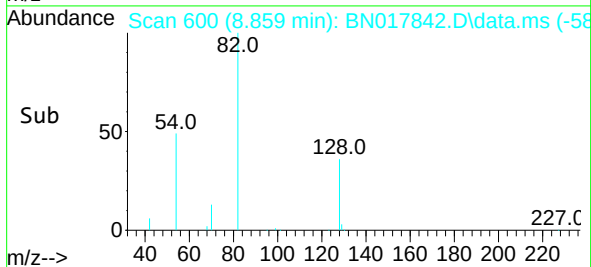
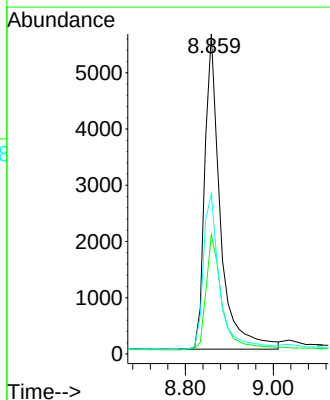
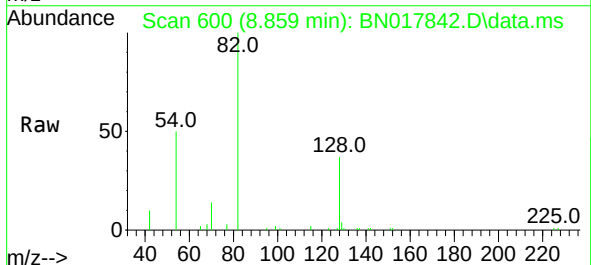
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

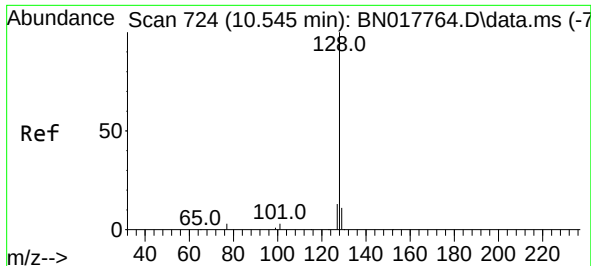


#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion: 82 Resp: 13804

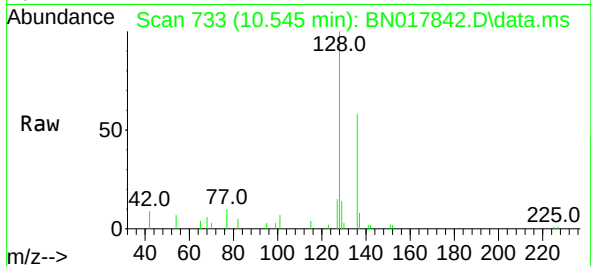
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.2	45.2
54	50.1	39.0	58.6





#9
Naphthalene
Concen: 0.031 ng
RT: 10.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

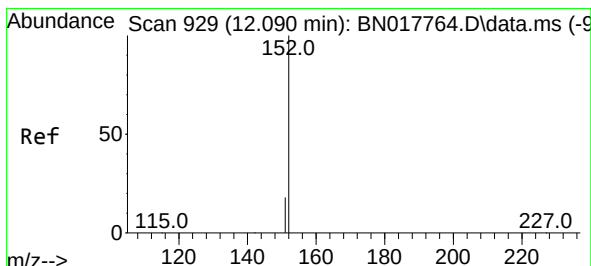
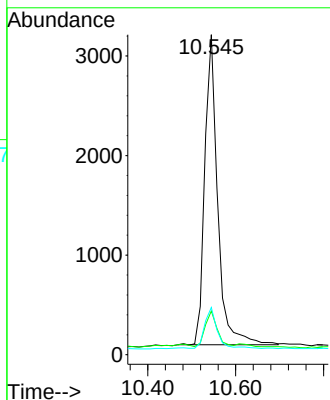
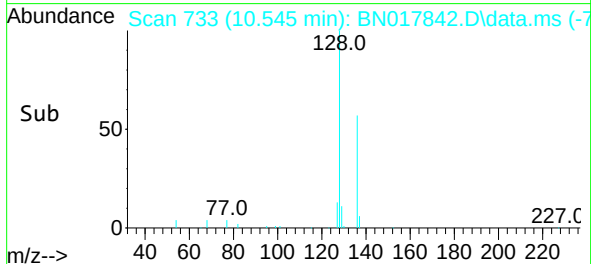
Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202



Tgt Ion:128 Resp: 6360
Ion Ratio Lower Upper
128 100
129 13.7 8.8 13.2
127 14.8 10.6 15.8

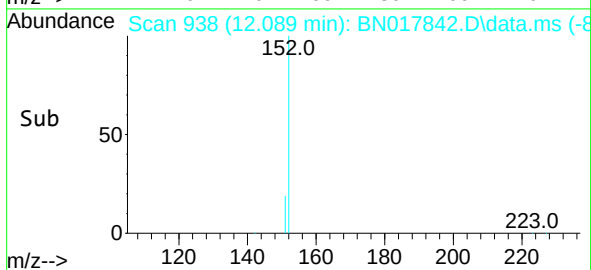
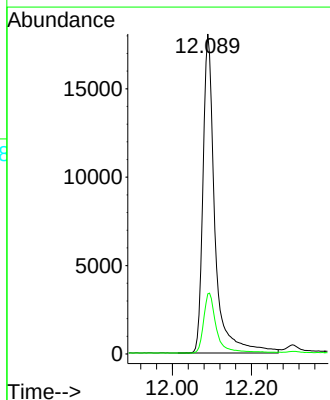
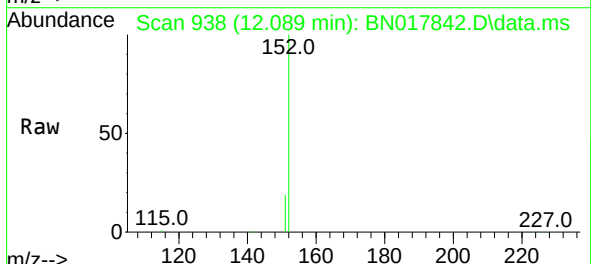
Manual Integrations
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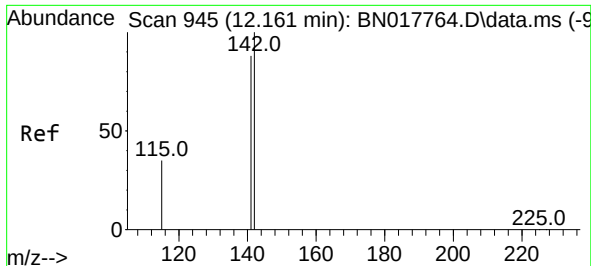
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.239 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:152 Resp: 37768
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.165 min Scan# 945

Delta R.T. 0.004 min

Lab File: BN017842.D

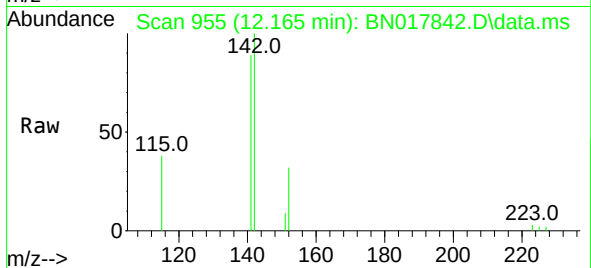
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Instrument :

BNA_N

ClientSampleId :

RE135D2-20211202



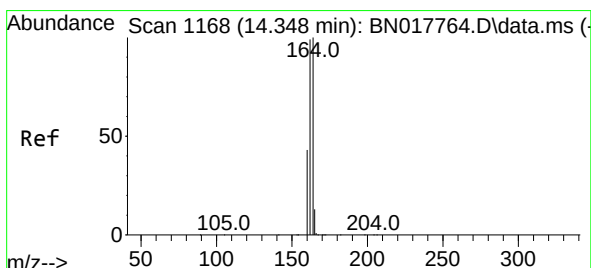
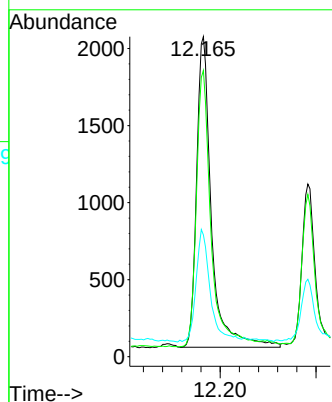
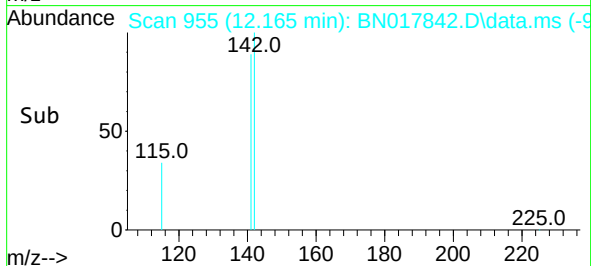
Tgt Ion:142 Resp: 4320

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.5	105.7
115	38.1	28.0	42.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1177

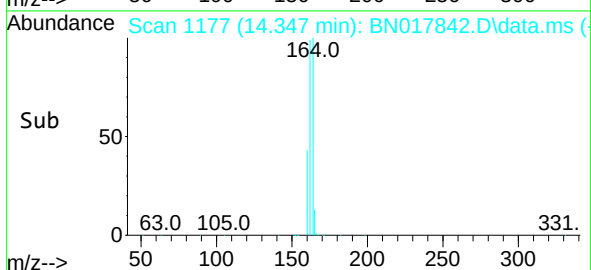
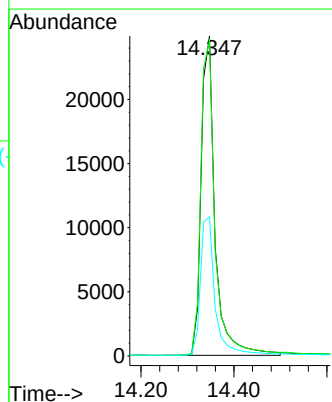
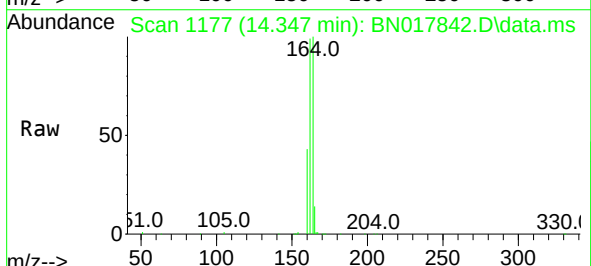
Delta R.T. -0.000 min

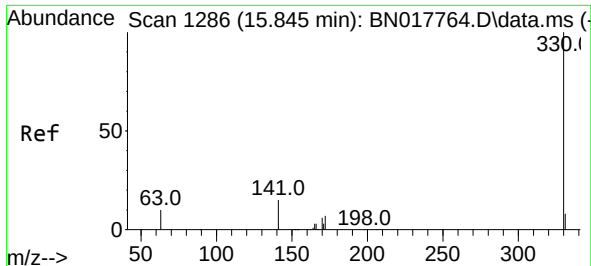
Lab File: BN017842.D

Acq: 09 Dec 2021 19:42

Tgt Ion:164 Resp: 51706

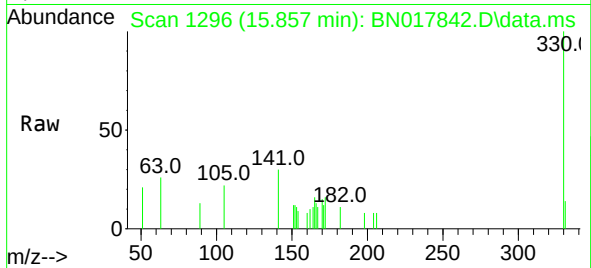
Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.0	118.6
160	43.5	34.6	52.0





#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 15.857 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

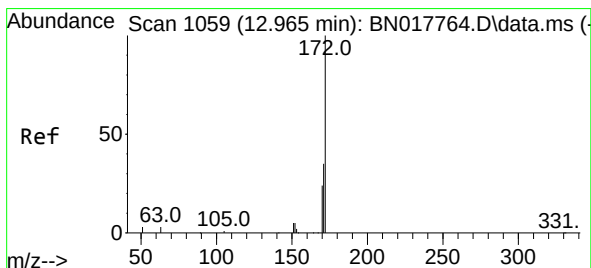
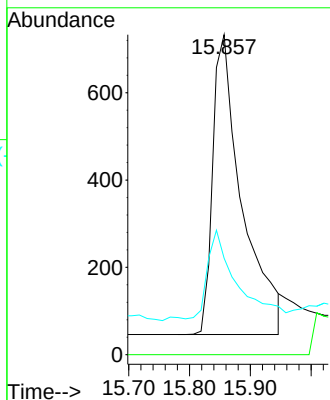
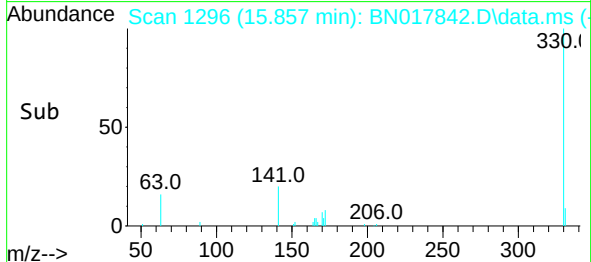
Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202



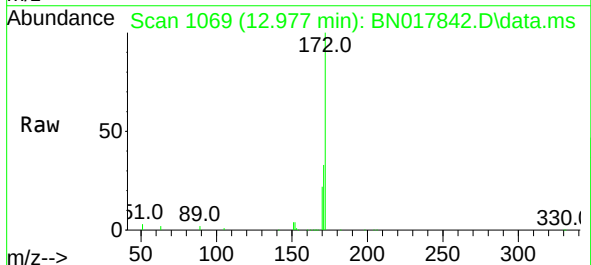
Tgt Ion:330 Resp: 2300
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.3 21.5 32.3

Manual Integrations
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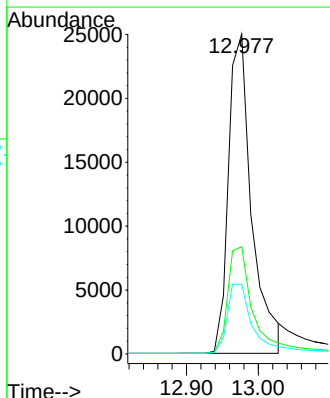
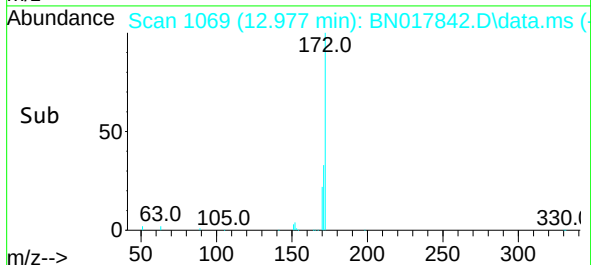
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

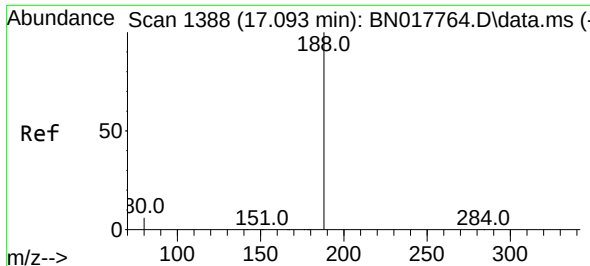


#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42



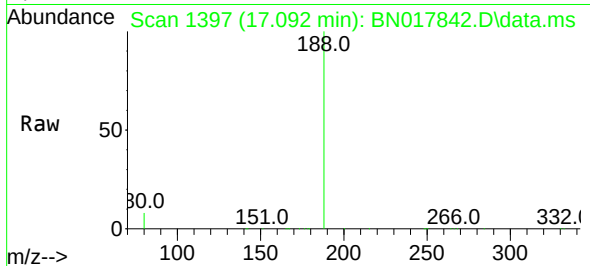
Tgt Ion:172 Resp: 56189
Ion Ratio Lower Upper
172 100
171 33.5 28.1 42.1
170 21.8 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

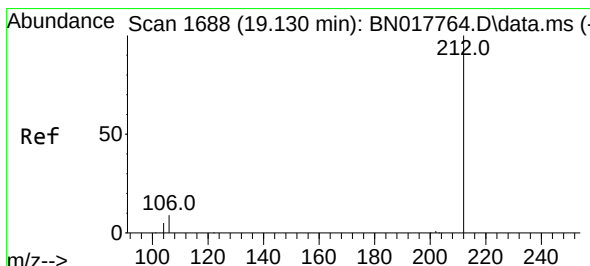
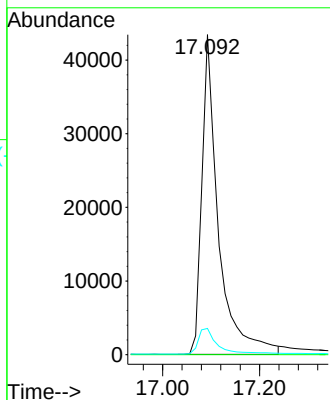
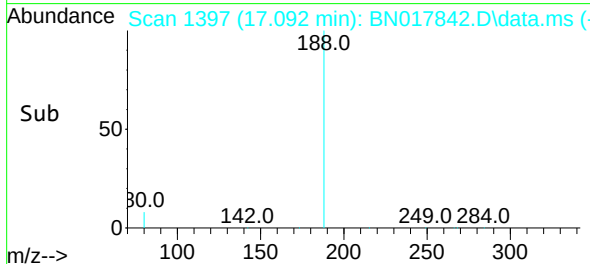
Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202



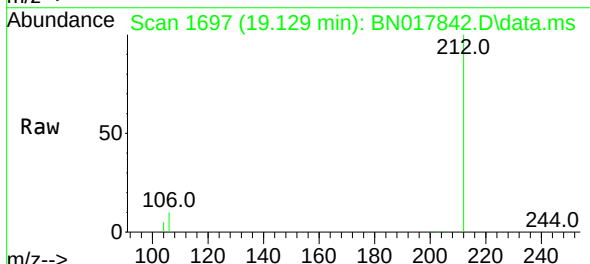
Tgt Ion:188 Resp: 10284
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 5.1 7.7

Manual Integrations
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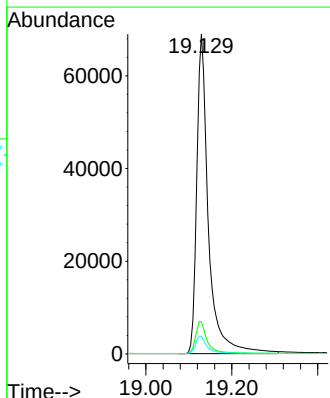
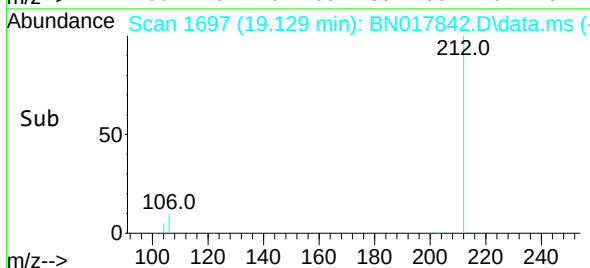
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

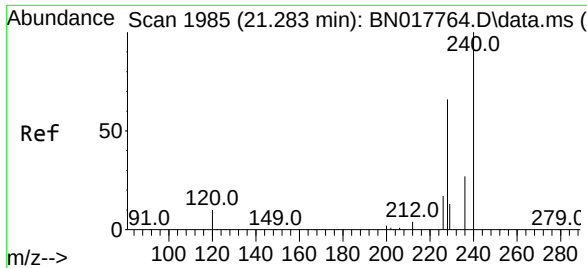


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42



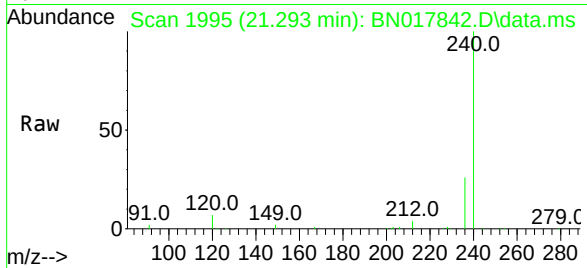
Tgt Ion:212 Resp: 129958
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.2
104 5.5 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

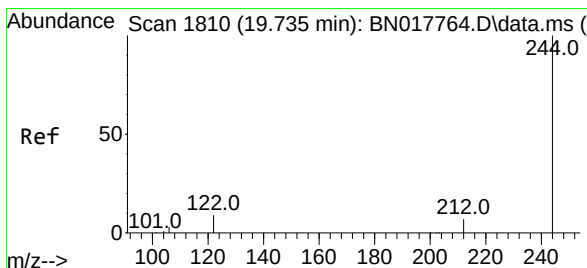
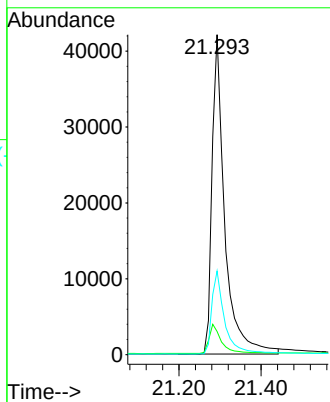
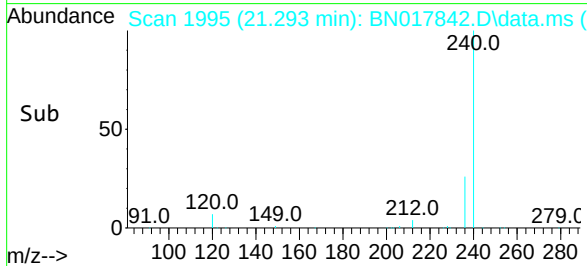
Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202



Tgt Ion:240 Resp: 90540
Ion Ratio Lower Upper
240 100
120 7.3 7.9 11.9
236 26.2 21.4 32.2

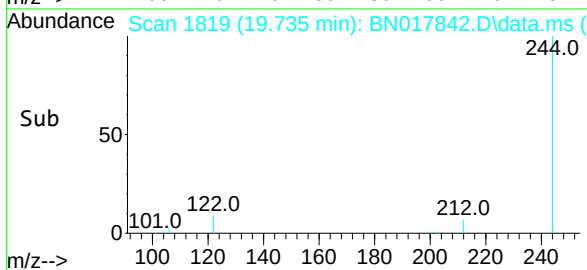
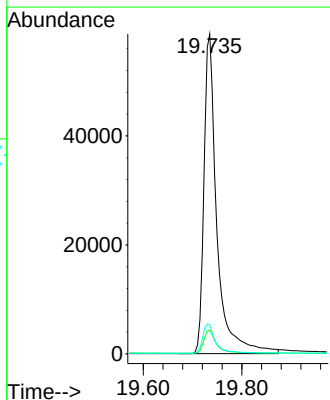
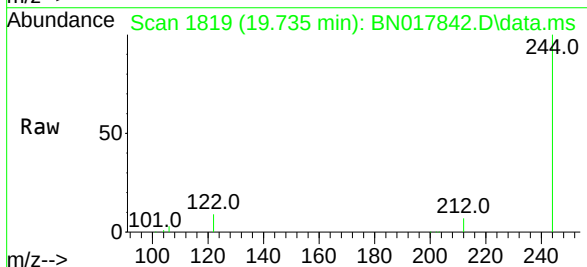
Manual Integrations
APPROVED

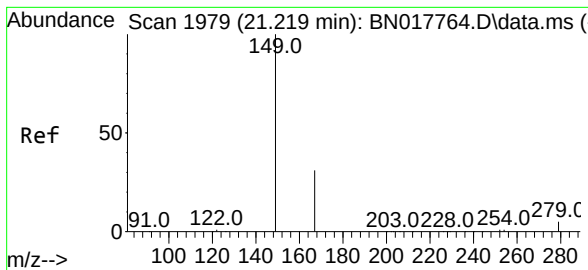
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#31
Terphenyl-d14
Concen: 0.550 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

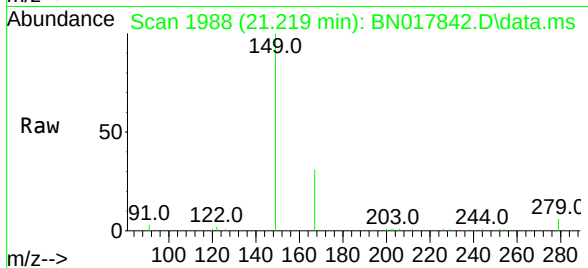
Tgt Ion:244 Resp: 106893
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.0 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

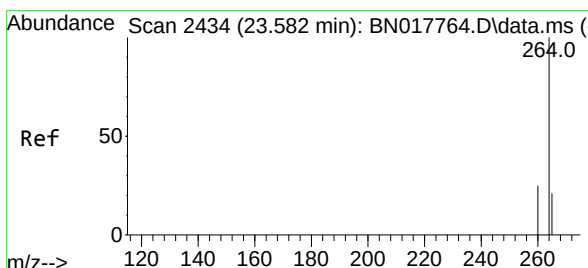
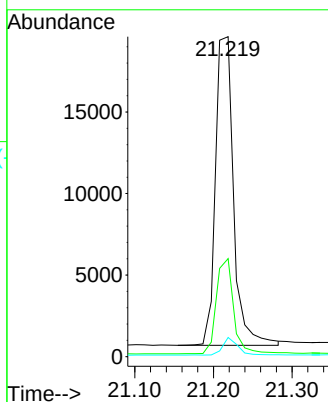
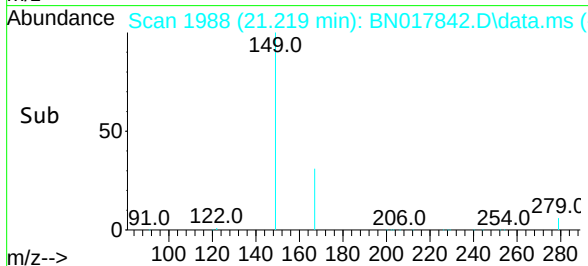
Instrument :
BNA_N
ClientSampleId :
RE135D2-20211202



Tgt Ion:149 Resp: 30215
Ion Ratio Lower Upper
149 100
167 29.2 23.5 35.3
279 4.8 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.592 min Scan# 2446
Delta R.T. 0.010 min
Lab File: BN017842.D
Acq: 09 Dec 2021 19:42

Tgt Ion:264 Resp: 62836
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 23.4 20.5 30.7

