

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021542.D
 Acq On : 02 Sep 2022 01:24
 Operator : CG/JU
 Sample : N4357-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20220823

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 02:50:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5230	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15842	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8220	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16588	0.400	ng	0.00
29) Chrysene-d12	21.655	240	9050	0.400	ng	# 0.00
35) Perylene-d12	24.179	264	6240	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1608	0.157	ng	0.00
5) Phenol-d6	7.224	99	1179	0.090	ng	0.00
8) Nitrobenzene-d5	9.243	82	3424m	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	12366	0.346	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	510	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	13527	0.376	ng	0.00
27) Fluoranthene-d10	19.501	212	14685	0.344	ng	0.00
31) Terphenyl-d14	20.088	244	10721	0.527	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	27515	4.206	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.557	149	911	0.072	ng	# 93

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

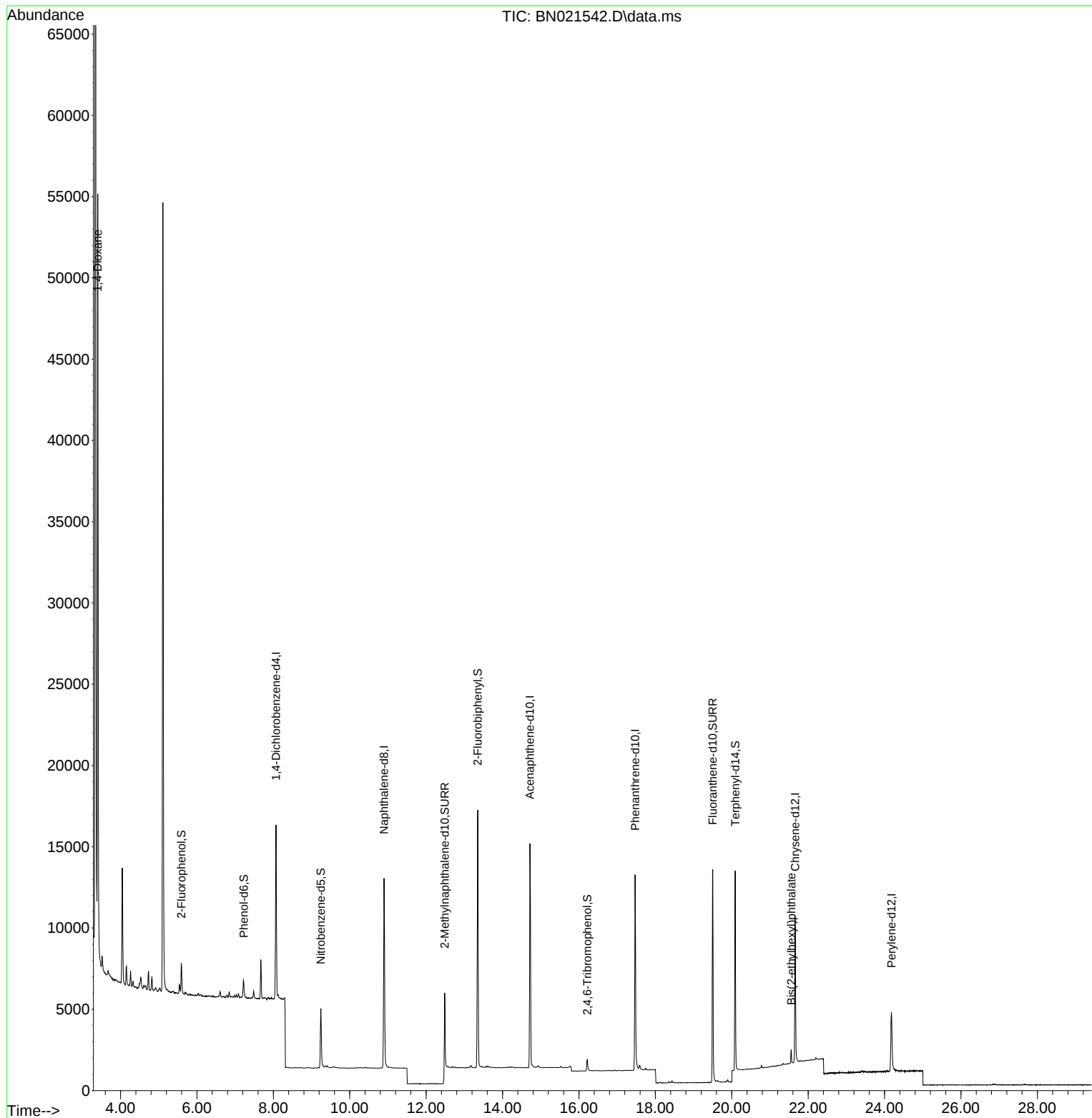
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021542.D
Acq On : 02 Sep 2022 01:24
Operator : CG/JU
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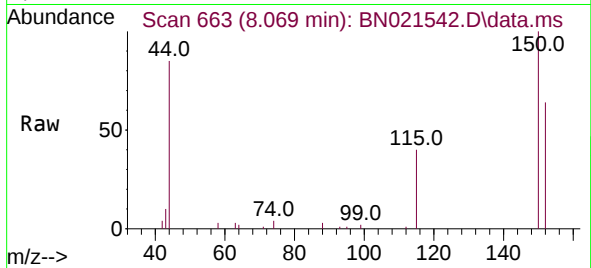
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

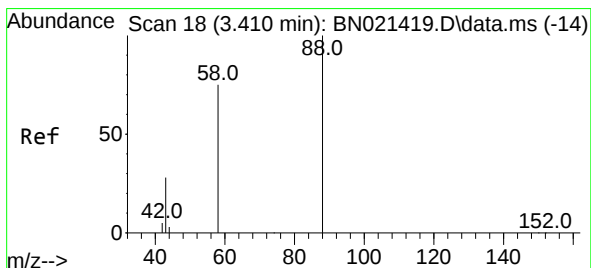
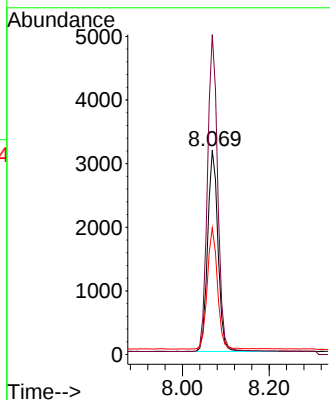
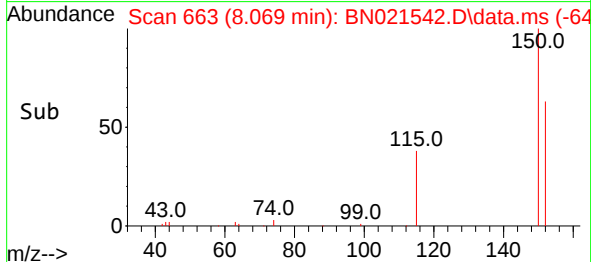
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



Tgt Ion: 152 Resp: 5230
Ion Ratio Lower Upper
152 100
150 156.6 121.4 182.0
115 62.1 48.6 72.8

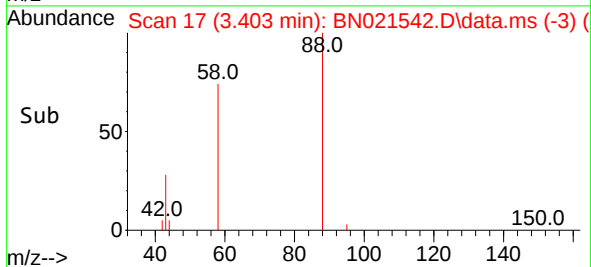
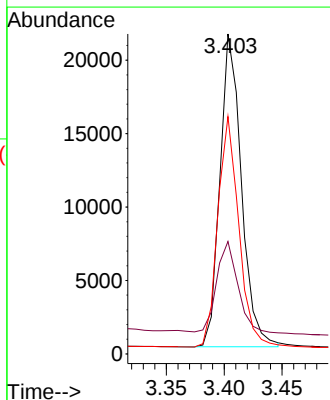
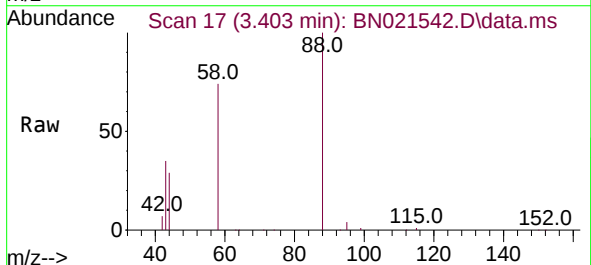
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#2
1,4-Dioxane
Concen: 4.206 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

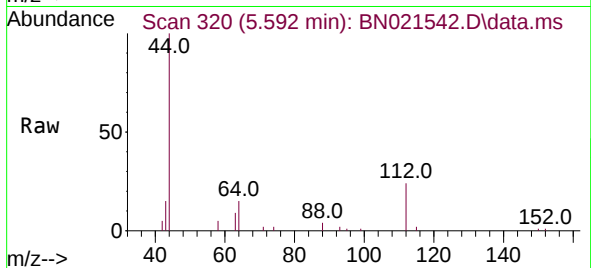
Tgt Ion: 88 Resp: 27515
Ion Ratio Lower Upper
88 100
43 29.0 35.8 53.8#
58 72.3 57.1 85.7





#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.592 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

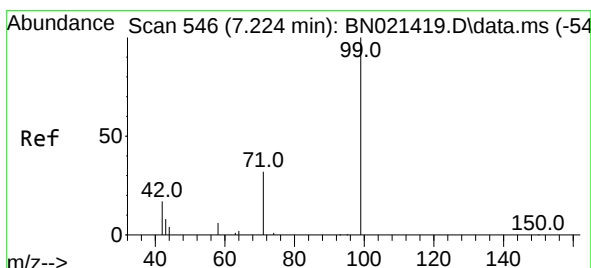
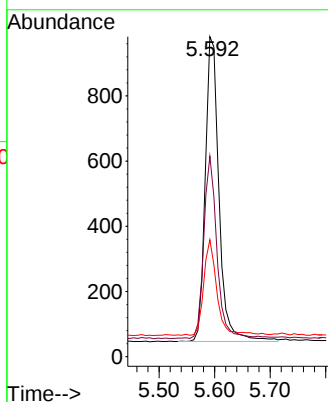
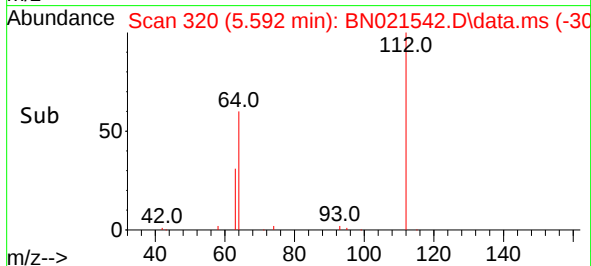
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



Tgt Ion:112 Resp: 1608
Ion Ratio Lower Upper
112 100
64 57.2 43.5 65.3
63 30.2 22.6 34.0

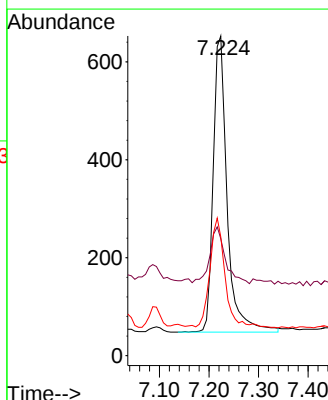
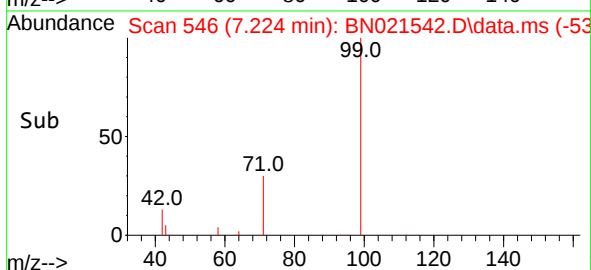
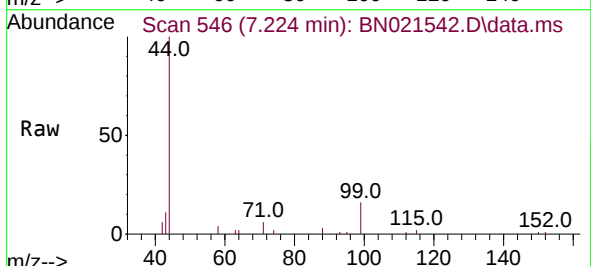
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#5
Phenol-d6
Concen: 0.090 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

Tgt Ion: 99 Resp: 1179
Ion Ratio Lower Upper
99 100
42 21.3 15.5 23.3
71 40.4 24.2 36.2#





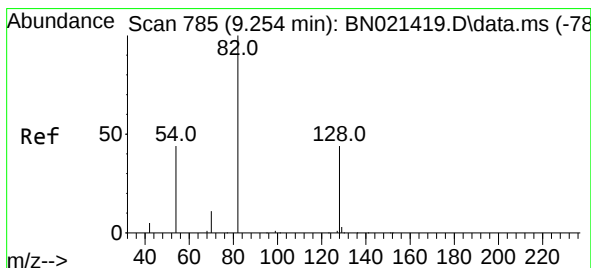
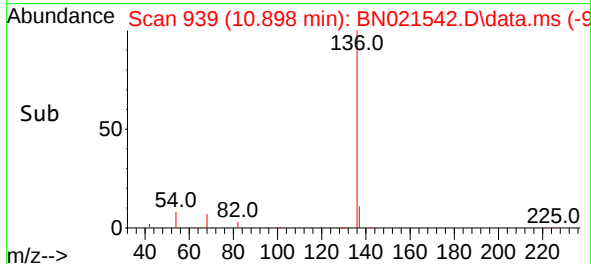
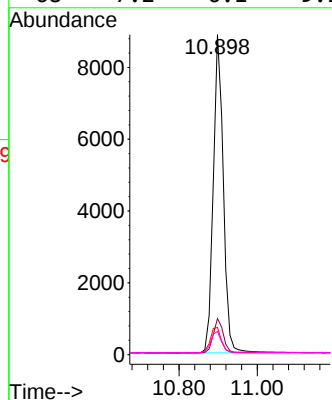
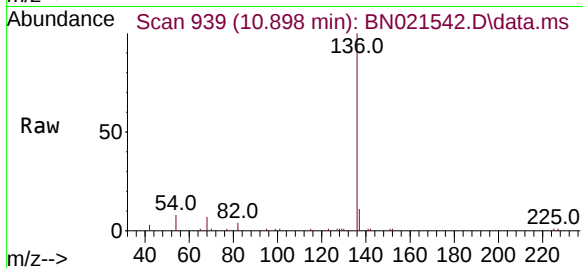
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823

Tgt Ion:	136	Resp:	1584
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	8.5	6.9	10.3
68	7.2	6.1	9.1

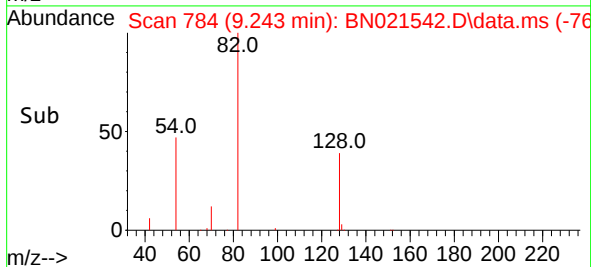
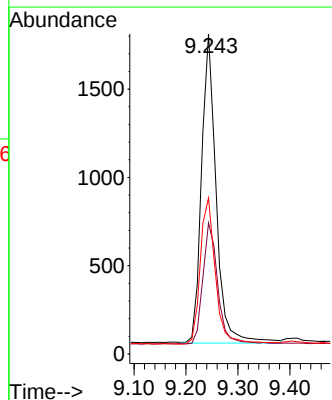
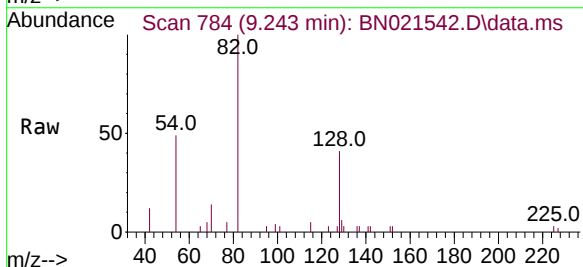
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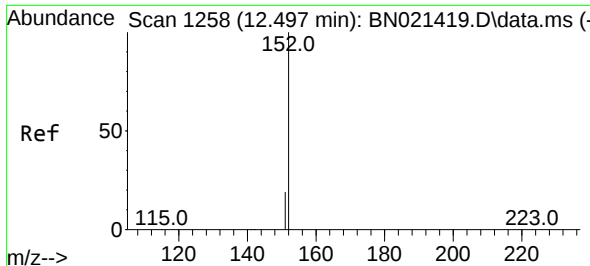
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#8
Nitrobenzene-d5
Concen: 0.320 ng m
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

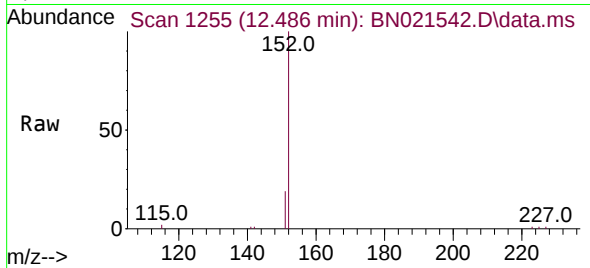
Tgt Ion:	82	Resp:	3424
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.9	46.3
54	48.8	42.7	64.1





#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.486 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

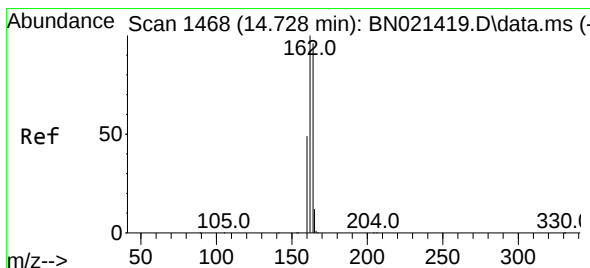
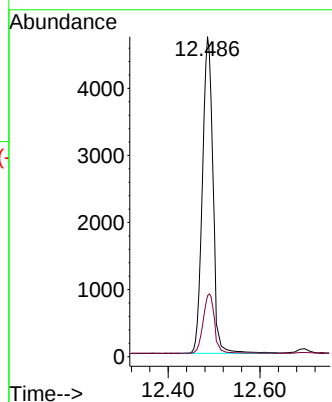
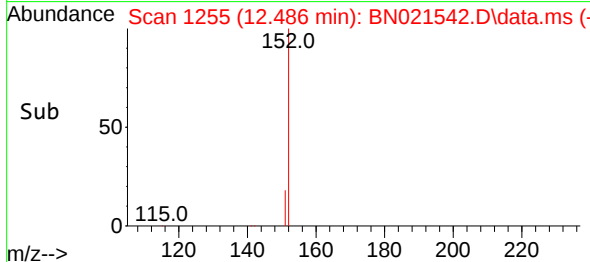
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



Tgt Ion:152 Resp: 12366
Ion Ratio Lower Upper
152 100
151 20.7 14.5 21.7

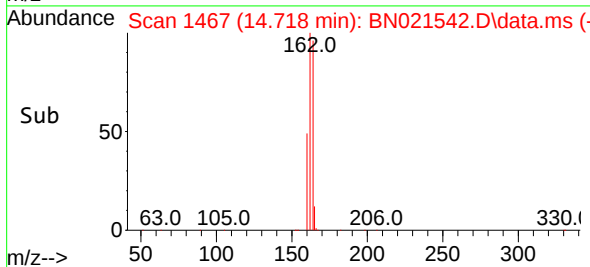
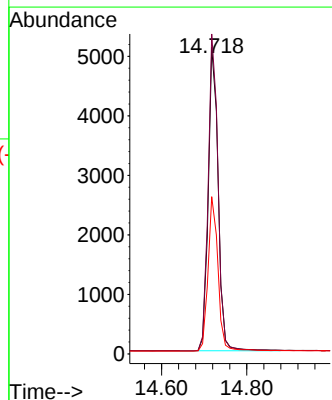
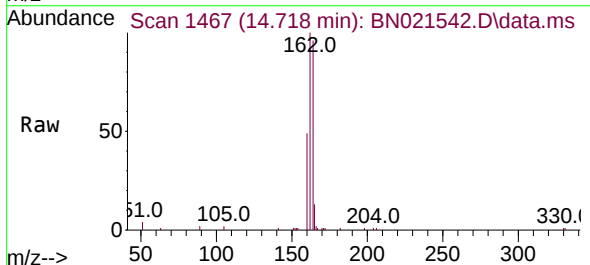
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

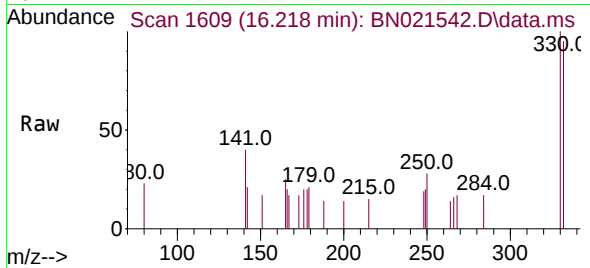
Tgt Ion:164 Resp: 8220
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.4
160 51.3 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

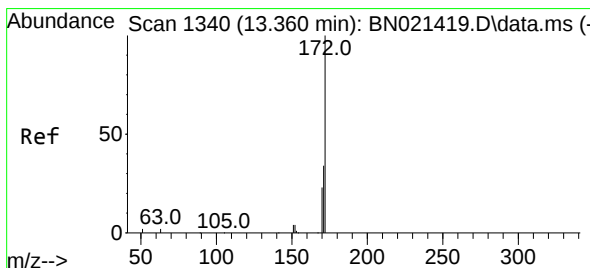
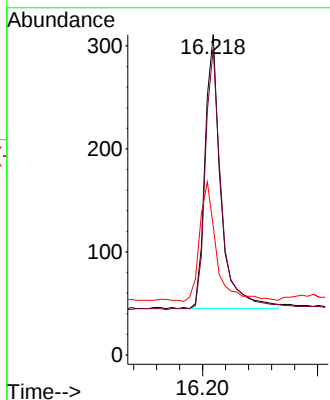
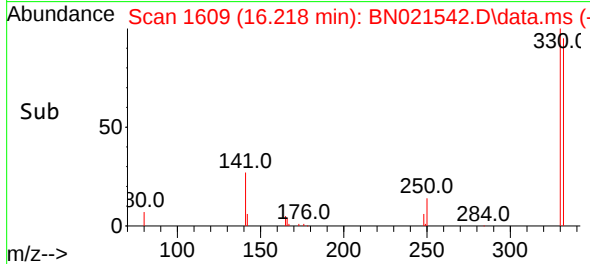
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



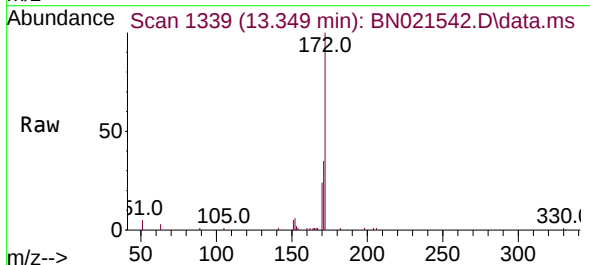
Tgt Ion: 330 Resp: 510
Ion Ratio Lower Upper
330 100
332 97.6 79.3 118.9
141 46.3 37.1 55.7

Manual Integrations
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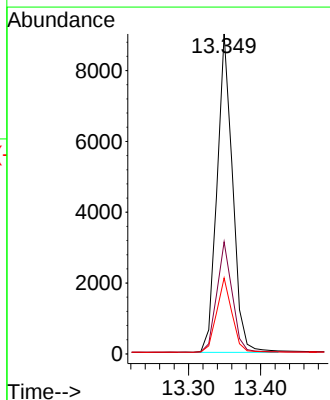
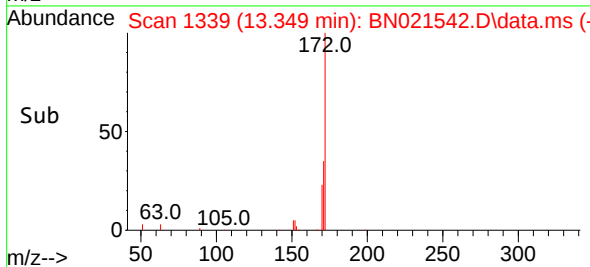
Reviewed By : Christian Giraldo 09/02/2022
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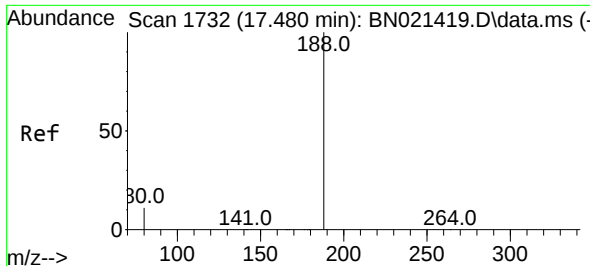


#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24



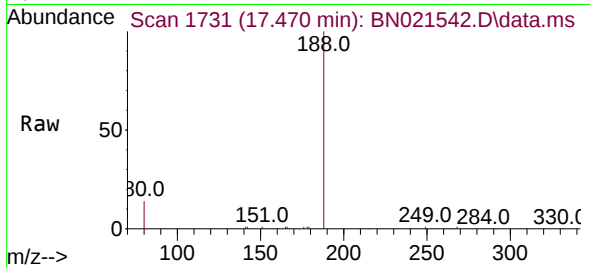
Tgt Ion: 172 Resp: 13527
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.7 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

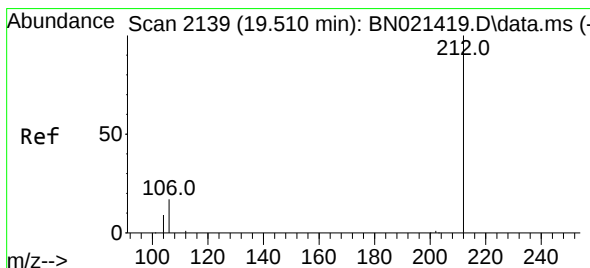
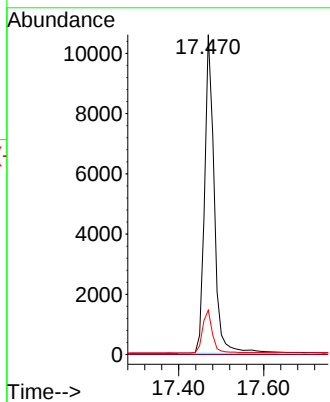
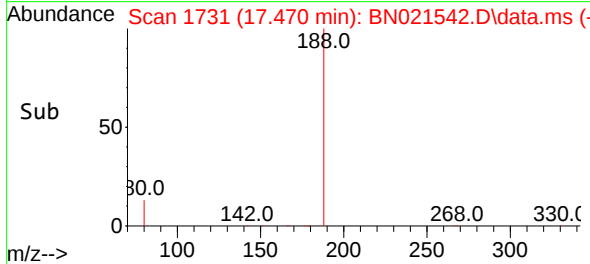
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



Tgt Ion:188 Resp: 16588
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.5 14.3

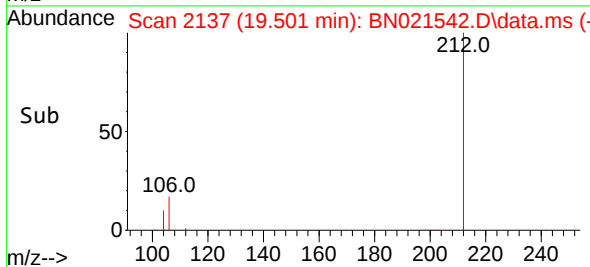
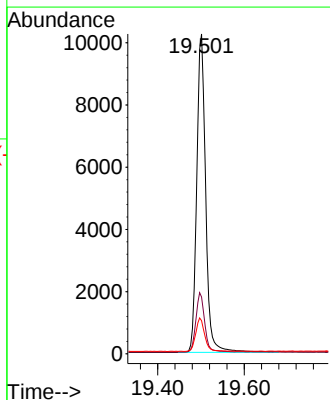
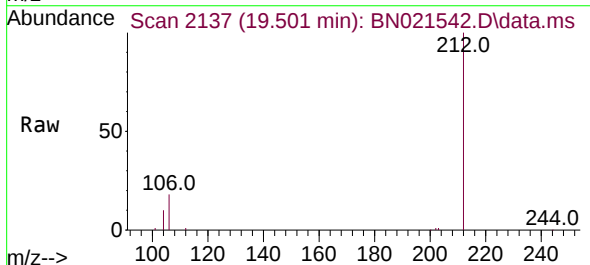
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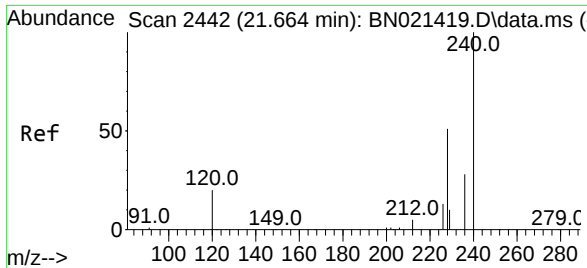
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

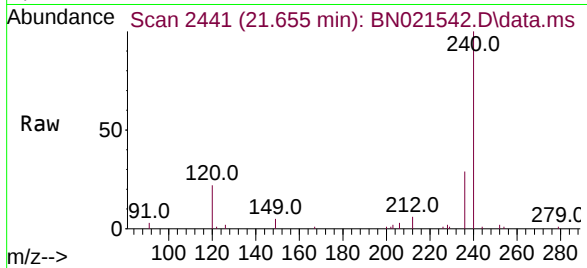
Tgt Ion:212 Resp: 14685
Ion Ratio Lower Upper
212 100
106 18.3 14.2 21.2
104 10.5 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

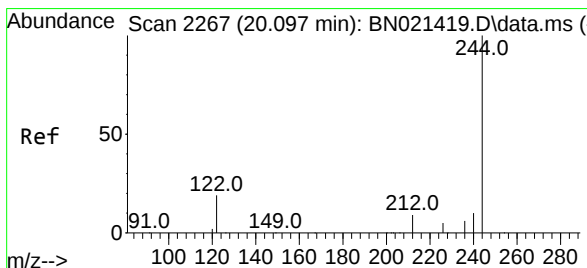
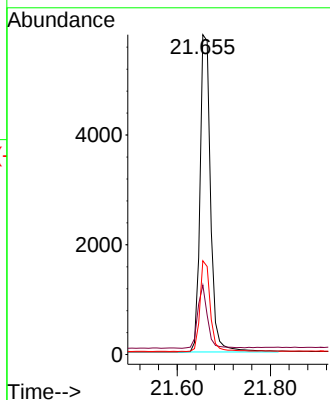
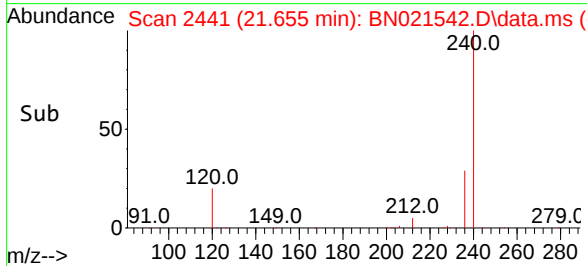
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



Tgt Ion:240 Resp: 9050
Ion Ratio Lower Upper
240 100
120 21.7 10.2 15.4#
236 29.3 22.1 33.1#

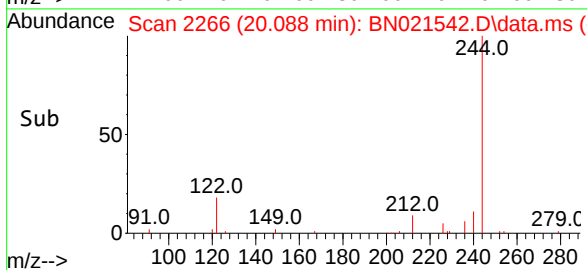
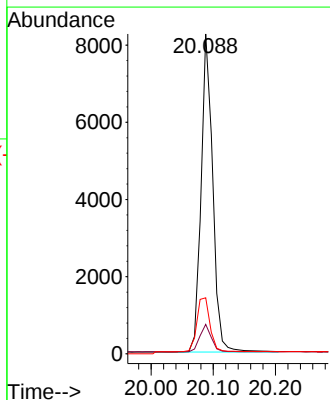
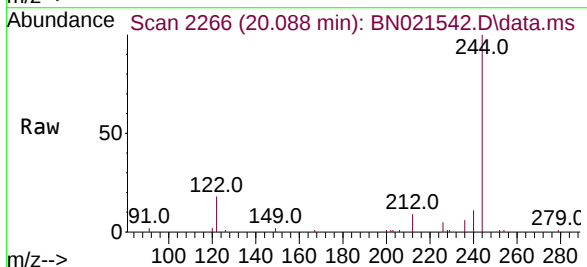
Manual Integrations
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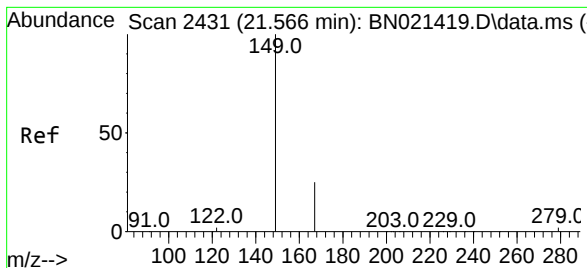
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#31
Terphenyl-d14
Concen: 0.527 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

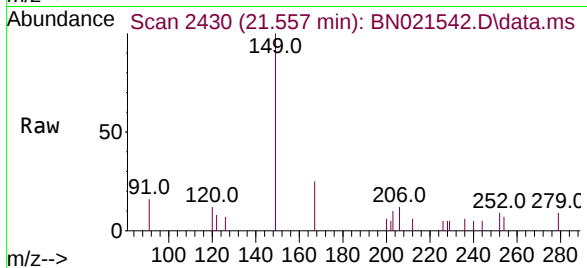
Tgt Ion:244 Resp: 10721
Ion Ratio Lower Upper
244 100
212 9.2 6.5 9.7
122 17.5 9.1 13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.557 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

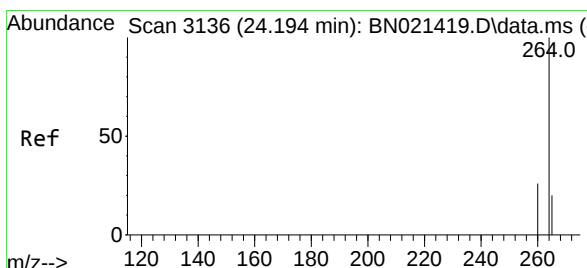
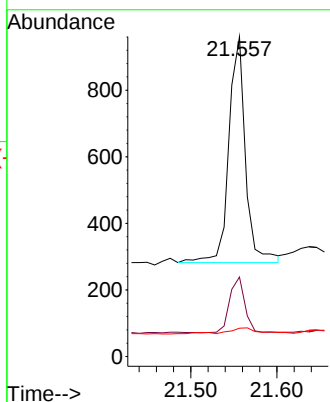
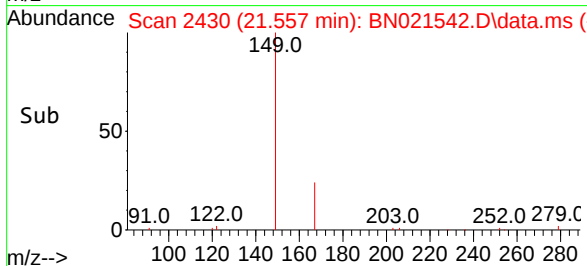
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



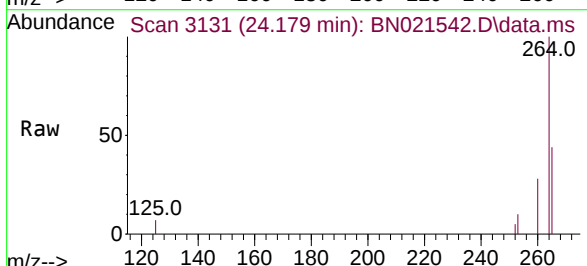
Tgt Ion:149 Resp: 911
Ion Ratio Lower Upper
149 100
167 22.6 21.4 32.0
279 3.7 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.179 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24



Tgt Ion:264 Resp: 6240
Ion Ratio Lower Upper
264 100
260 28.1 21.0 31.6
265 44.0 32.2 48.2

