

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

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)

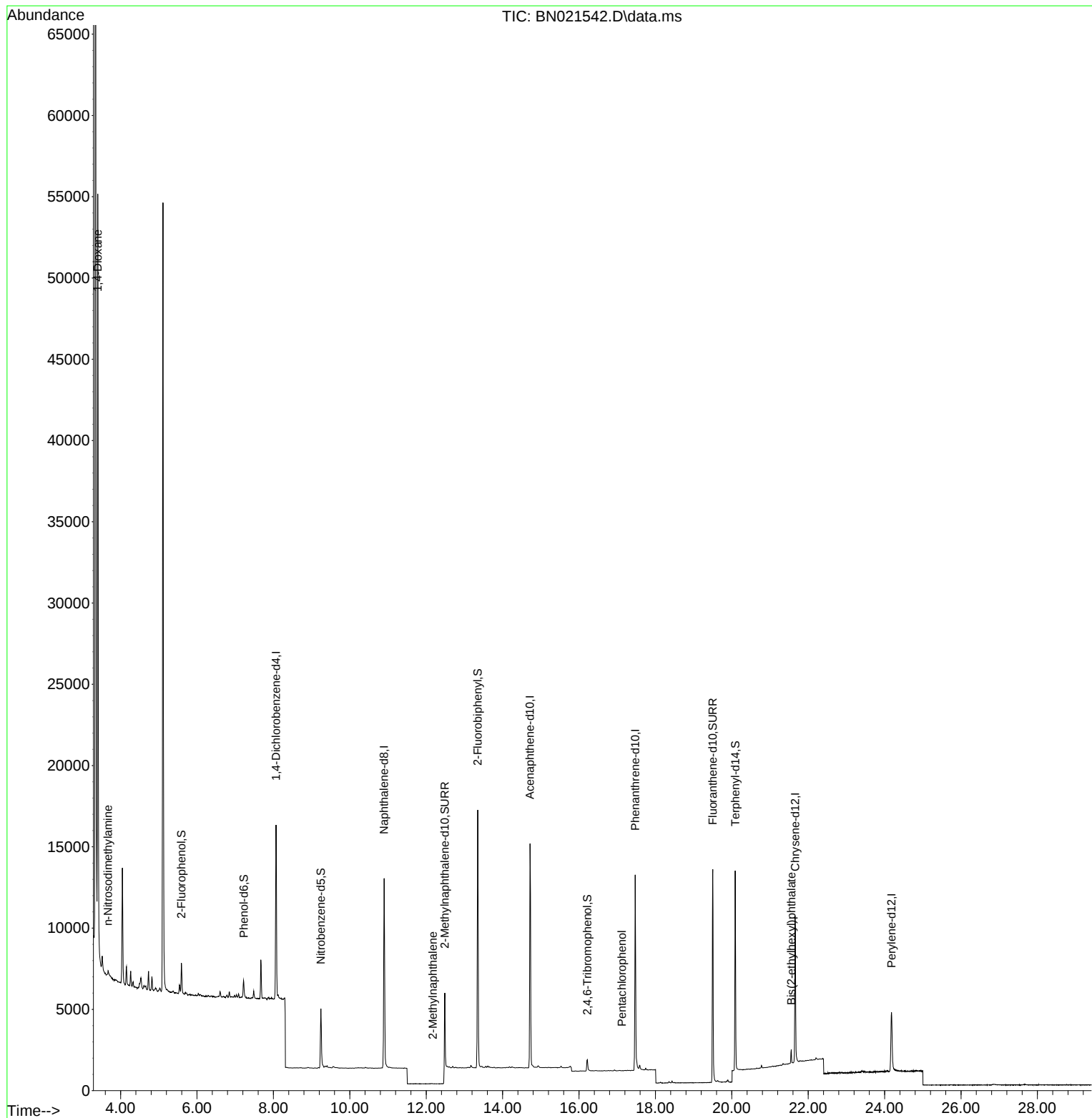
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5230	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15842	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8220	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16588	0.400	ng	0.00
29) Chrysene-d12	21.655	240	9050	0.400	ng	# 0.00
35) Perylene-d12	24.179	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	3426	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
3) n-Nitrosodimethylamine	3.670	42	188	0.032	ng	# 1
12) 2-Methylnaphthalene	12.176	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	8	0.204	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.557	149	911	0.072	ng	# 93

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

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Instrument :
BNA_N
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RE105D1-20220823

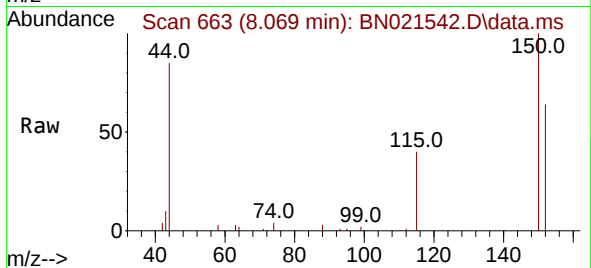
Quant Time: Sep 02 02:50:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



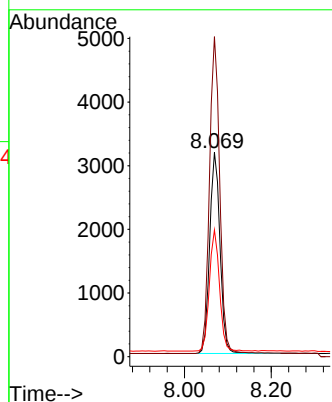
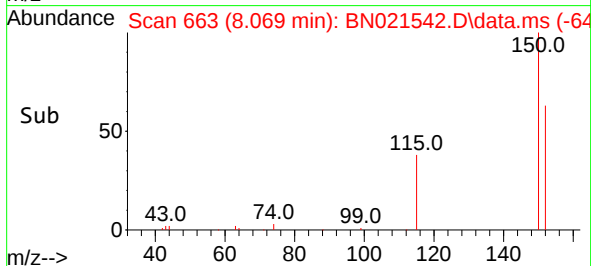


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823

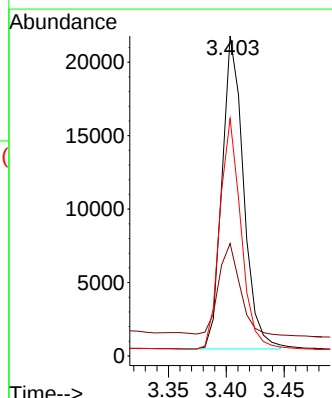
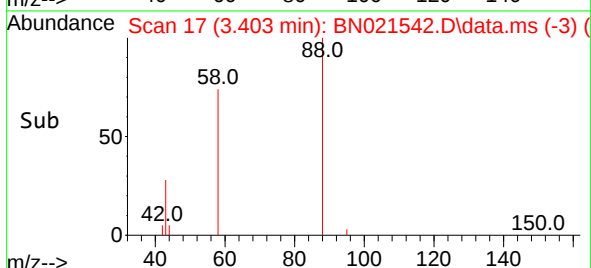
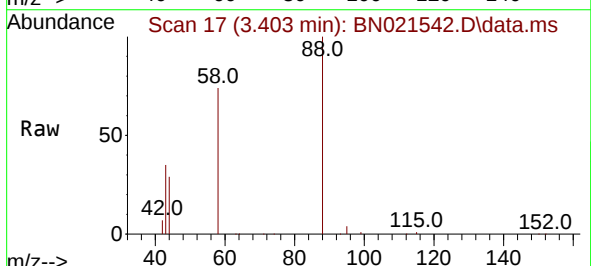


Tgt Ion:152 Resp: 5230
Ion Ratio Lower Upper
152 100
150 156.6 121.4 182.0
115 62.1 48.6 72.8



#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

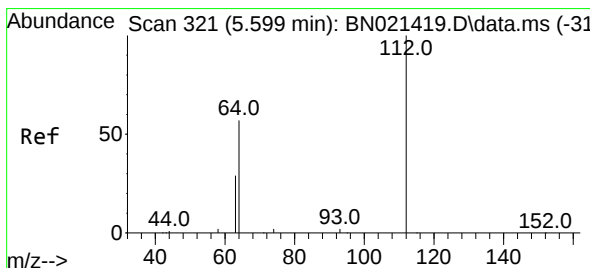
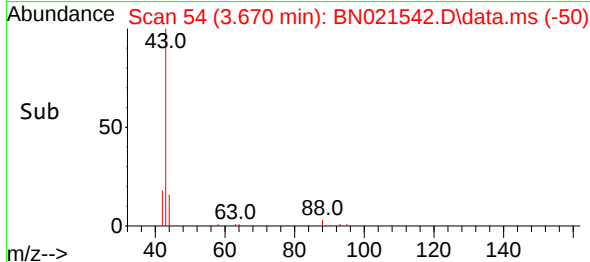
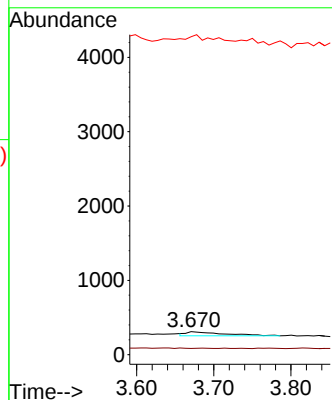
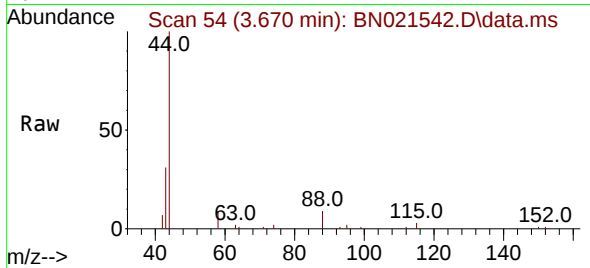




#3
 n-Nitrosodimethylamine
 Concen: 0.032 ng
 RT: 3.670 min Scan# 54
 Delta R.T. -0.072 min
 Lab File: BN021542.D
 Acq: 02 Sep 2022 01:24

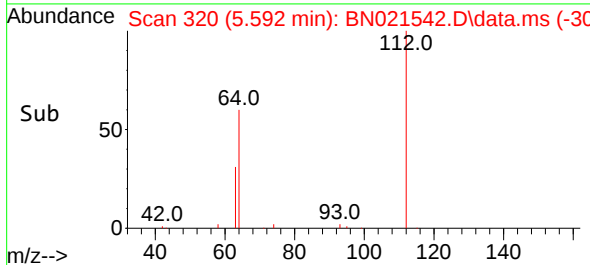
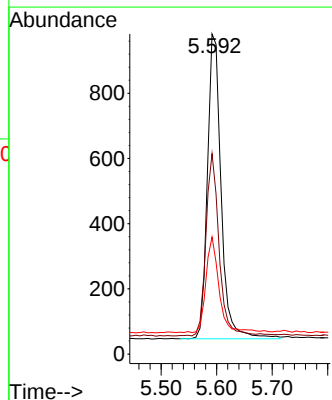
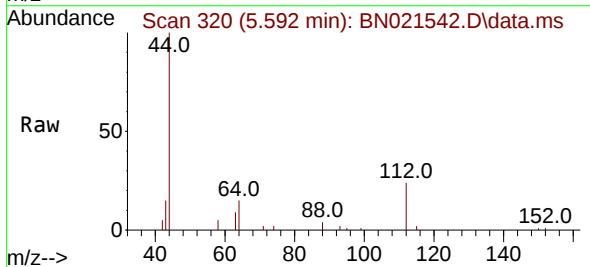
Instrument :
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 ClientSampleId :
 RE105D1-20220823

Tgt Ion: 42 Resp: 188
 Ion Ratio Lower Upper
 42 100
 74 2.1 113.0 169.6#
 44 68.6 10.5 15.7#



#4
 2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.592 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: BN021542.D
 Acq: 02 Sep 2022 01:24

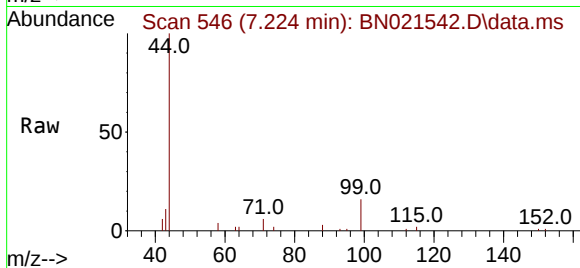
Tgt Ion: 112 Resp: 1608
 Ion Ratio Lower Upper
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 64 57.2 43.5 65.3
 63 30.2 22.6 34.0



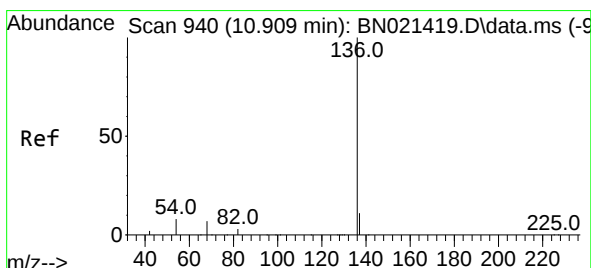
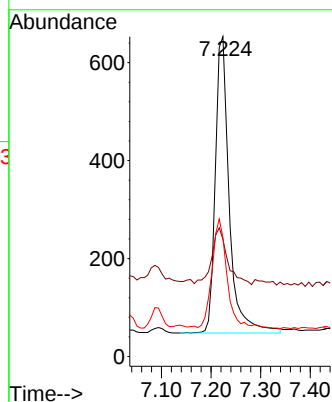
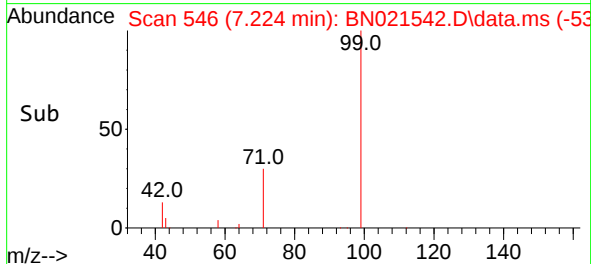


#5
Phenol-d6
Concen: 0.090 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

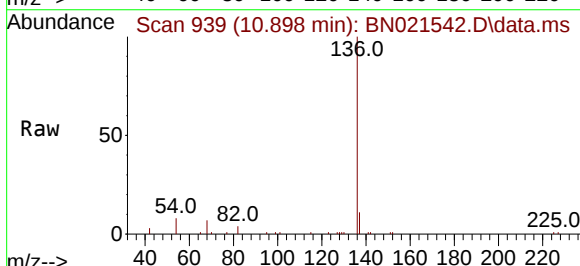
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823



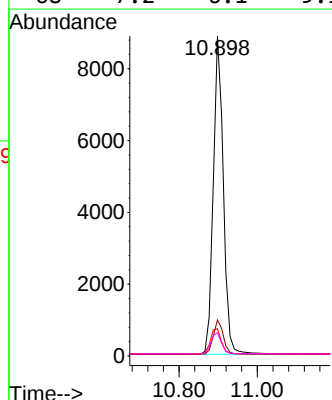
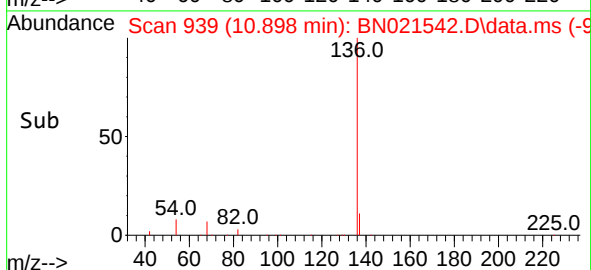
Tgt Ion: 99 Resp: 1179
Ion Ratio Lower Upper
99 100
42 21.3 15.5 23.3
71 40.4 24.2 36.2#

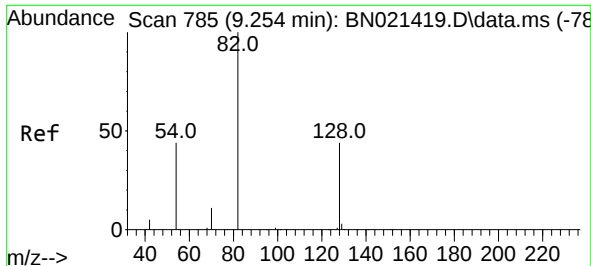


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24



Tgt Ion: 136 Resp: 15842
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

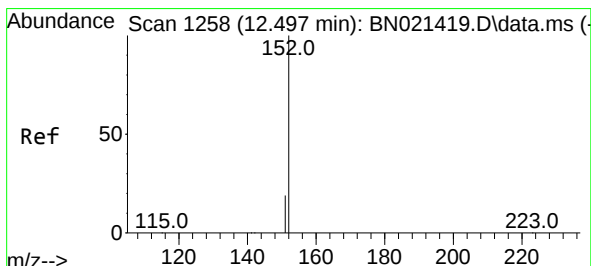
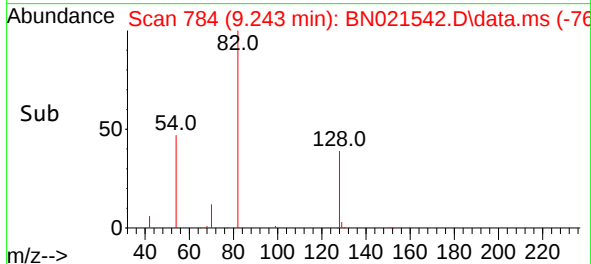
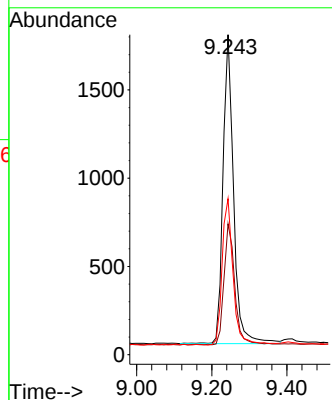
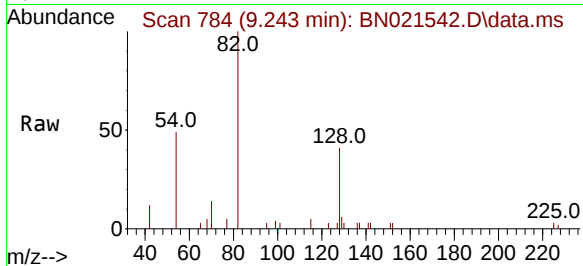




#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 9.243 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

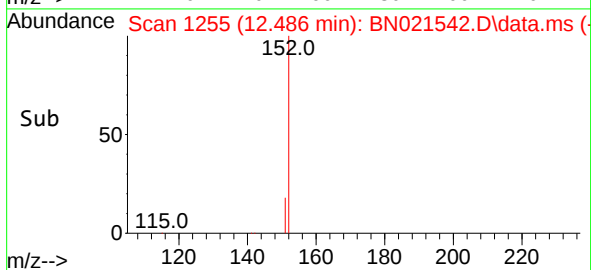
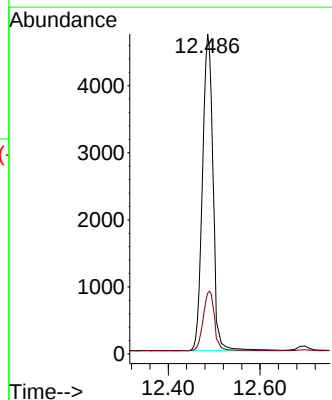
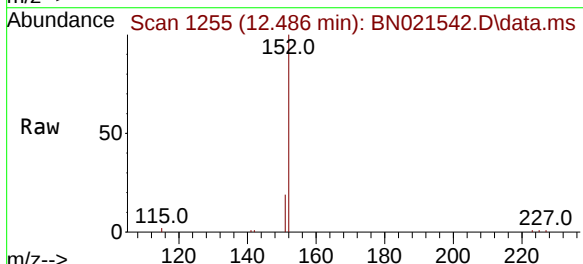
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BNA_N
ClientSampleId :
RE105D1-20220823

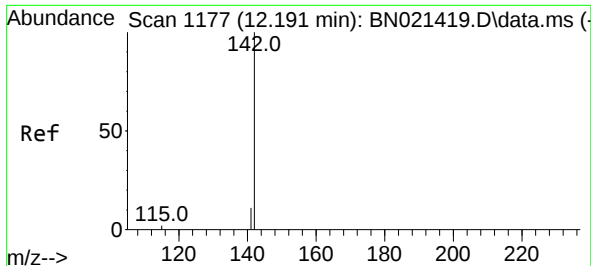
Tgt Ion: 82 Resp: 3426
Ion Ratio Lower Upper
82 100
128 40.9 30.9 46.3
54 48.8 42.7 64.1



#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

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

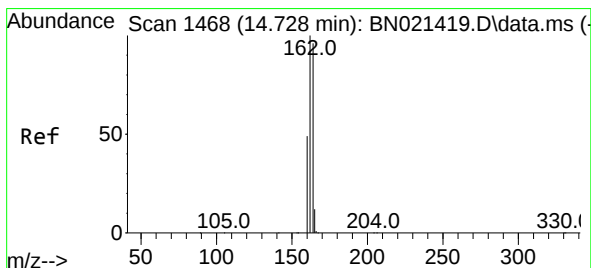
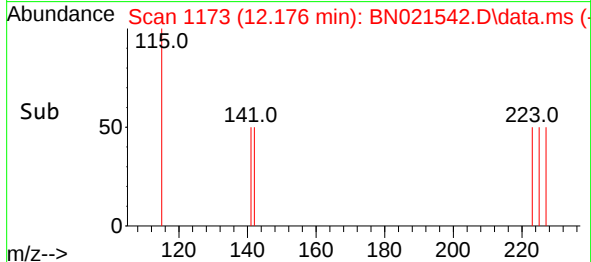
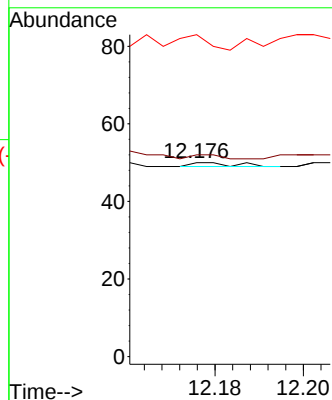
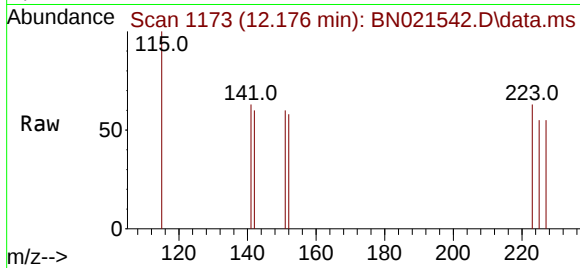




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.008 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

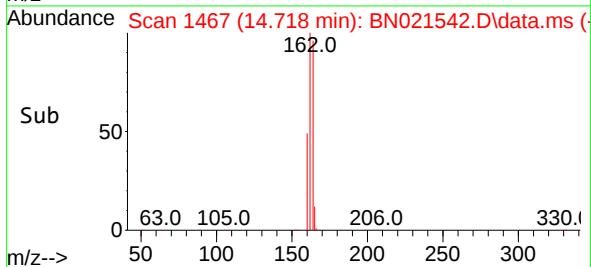
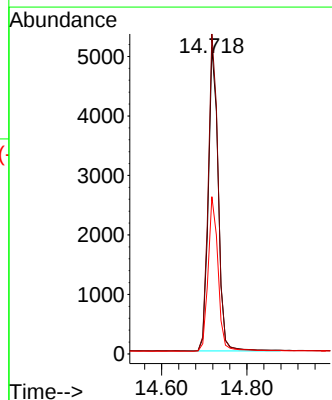
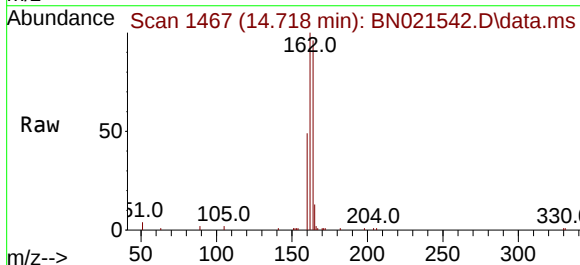
Instrument :
BNA_N
ClientSampleId :
RE105D1-20220823

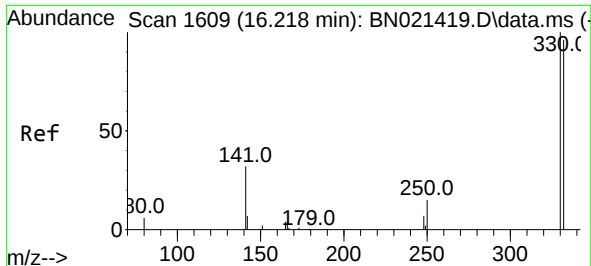
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 104.0 12.2 18.2#
115 166.0 7.9 11.9#



#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

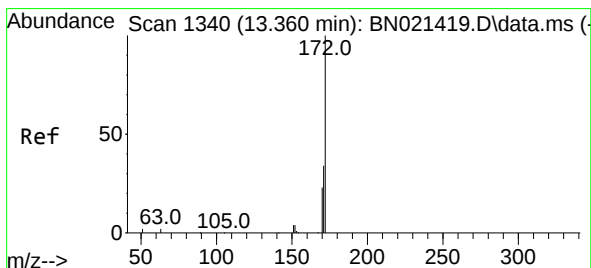
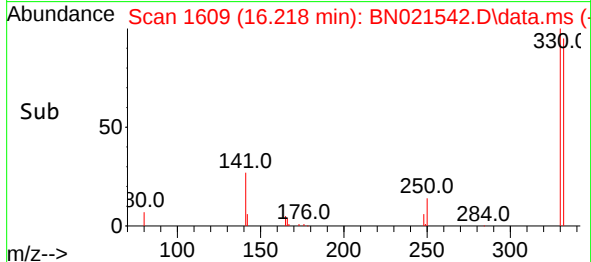
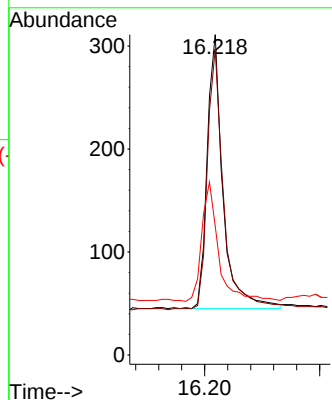
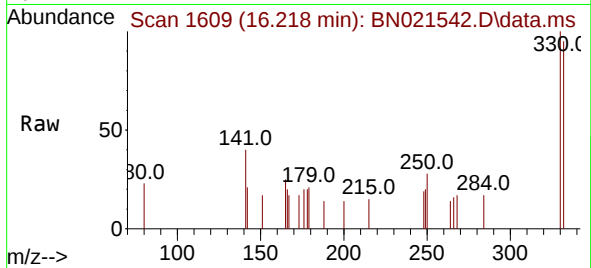




#14
 2,4,6-Tribromophenol
 Concen: 0.189 ng
 RT: 16.218 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN021542.D
 Acq: 02 Sep 2022 01:24

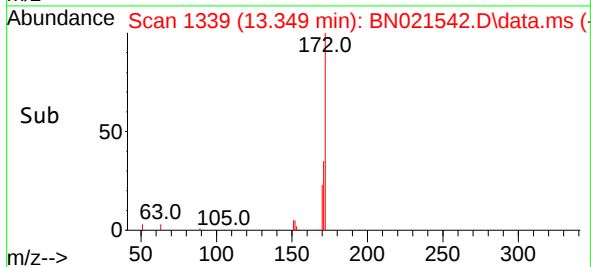
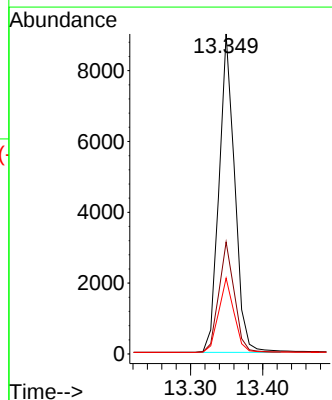
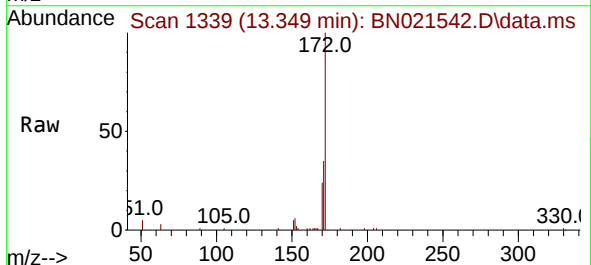
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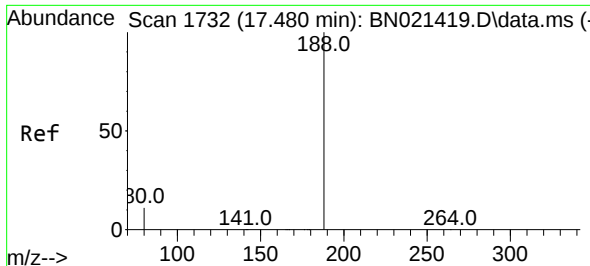
Tgt Ion:330 Resp: 510
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.3 118.9
 141 46.3 37.1 55.7



#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# 1

Delta R.T. 0.000 min

Lab File: BN021542.D

Acq: 02 Sep 2022 01:24

Instrument :

BNA_N

ClientSampleId :

RE105D1-20220823

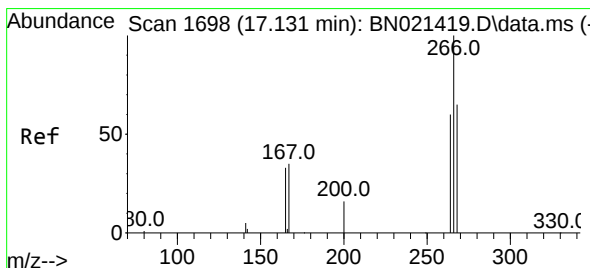
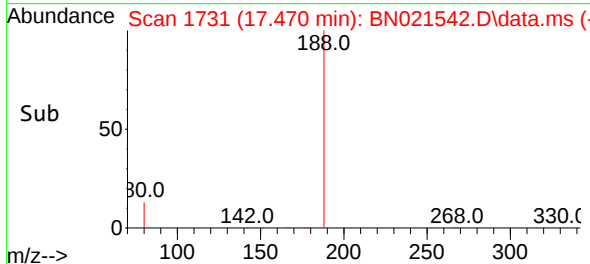
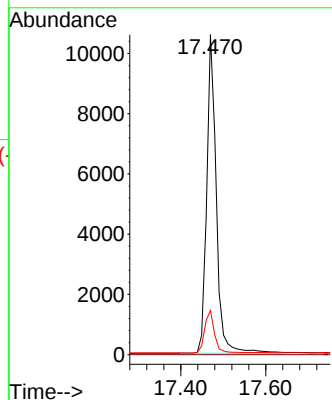
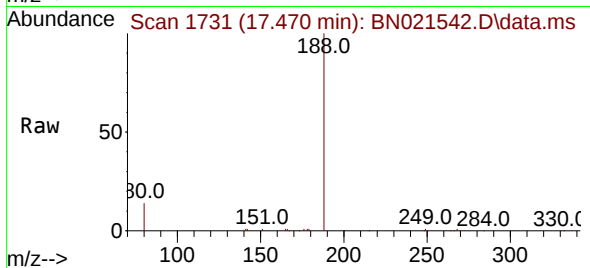
Tgt Ion:188 Resp: 16588

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 9.5 14.3



#24

Pentachlorophenol

Concen: 0.204 ng

RT: 17.121 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BN021542.D

Acq: 02 Sep 2022 01:24

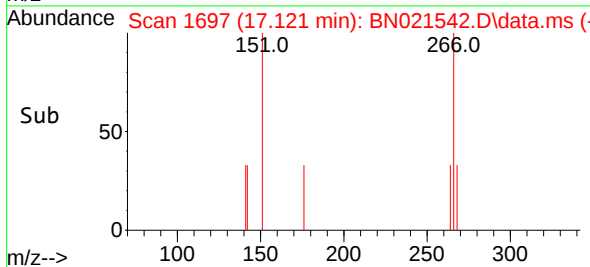
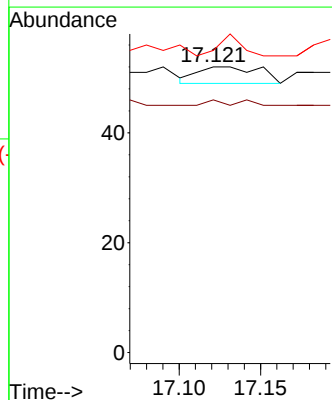
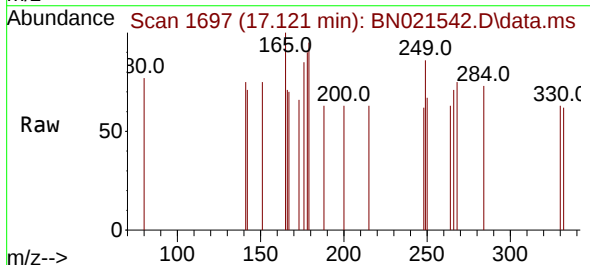
Tgt Ion:266 Resp: 8

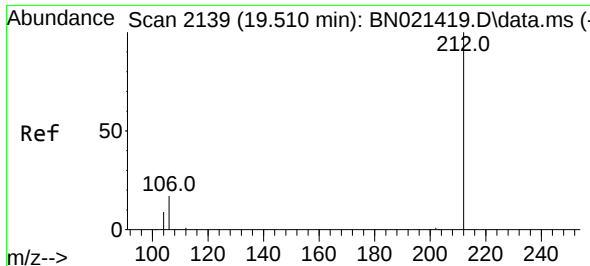
Ion Ratio Lower Upper

266 100

264 12.5 49.0 73.6#

268 50.0 50.9 76.3#

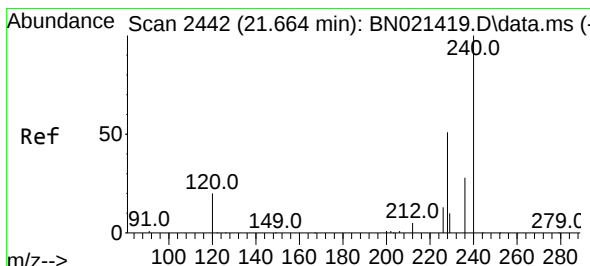
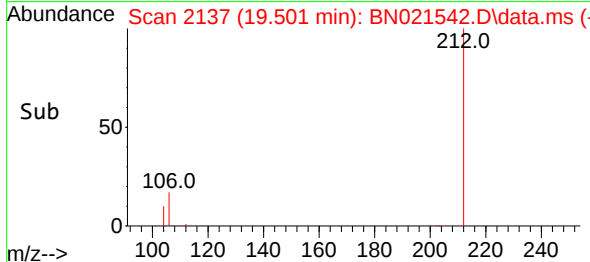
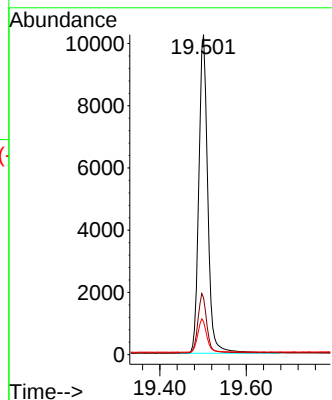
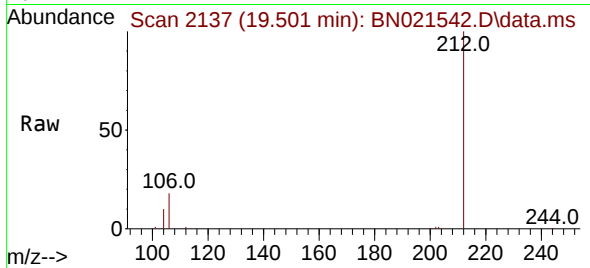




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021542.D
Acq: 02 Sep 2022 01:24

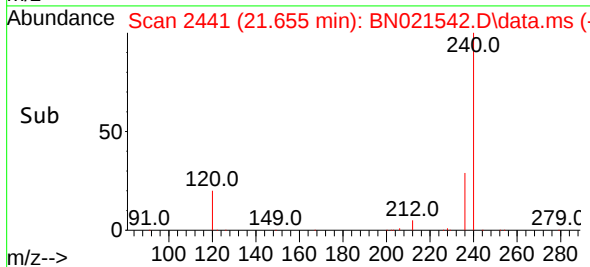
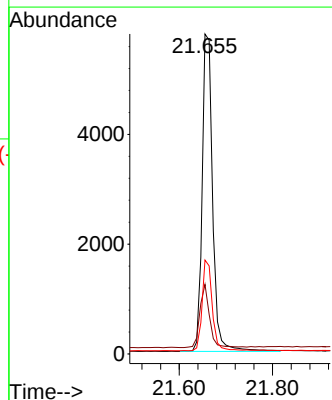
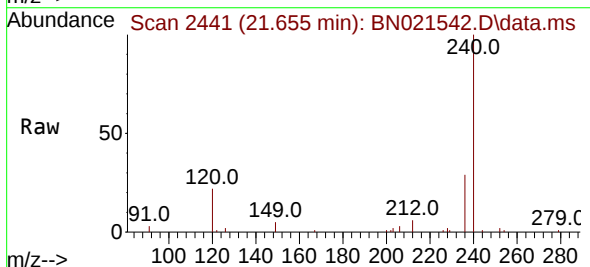
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ClientSampleId :
RE105D1-20220823

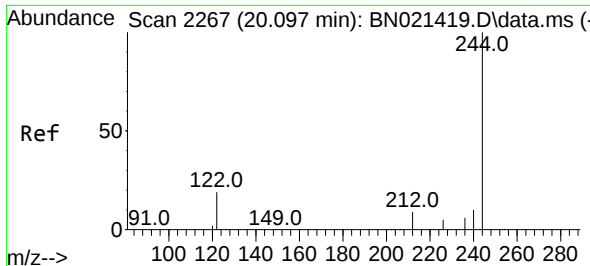
Tgt Ion:212 Resp: 14685
Ion Ratio Lower Upper
212 100
106 18.3 14.2 21.2
104 10.5 7.8 11.6



#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

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

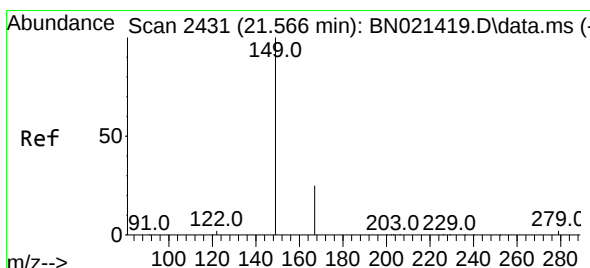
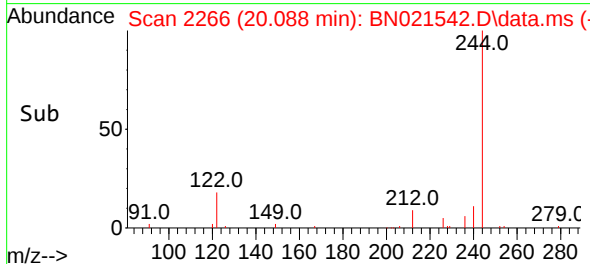
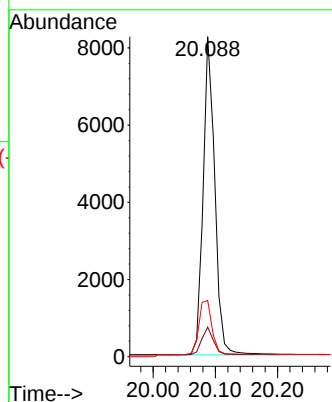
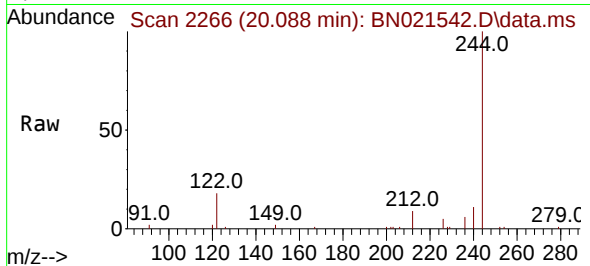




#31
 Terphenyl-d14
 Concen: 0.527 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021542.D
 Acq: 02 Sep 2022 01:24

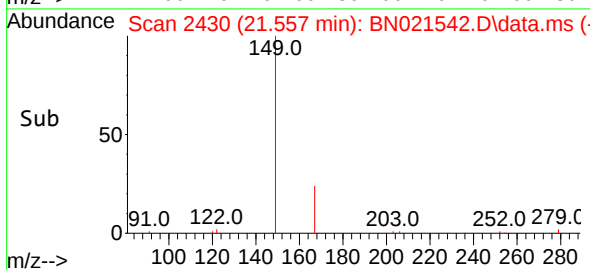
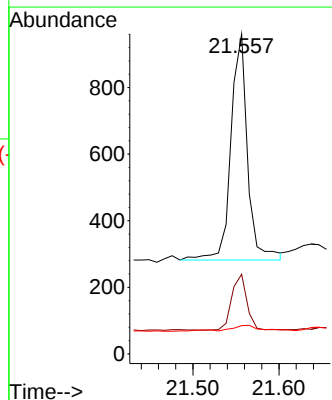
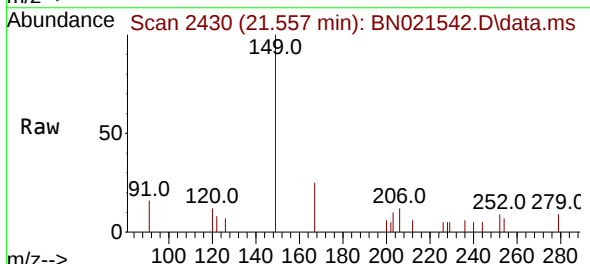
Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20220823

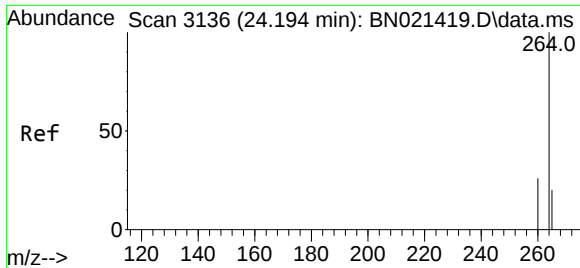
Tgt Ion:244 Resp: 10721
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.5 9.7
 122 17.5 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN021542.D
 Acq: 02 Sep 2022 01:24

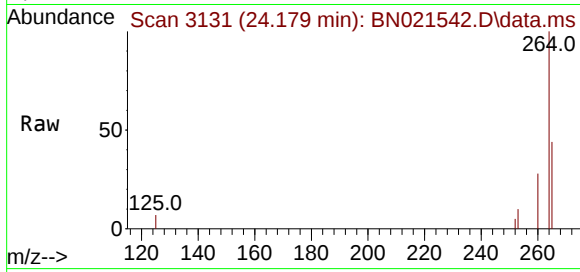
Tgt Ion:149 Resp: 911
 Ion Ratio Lower Upper
 149 100
 167 22.6 21.4 32.0
 279 3.7 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.179 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021542.D
 Acq: 02 Sep 2022 01:24

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20220823



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

