

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
 Data File : BN020536.D
 Acq On : 28 Jun 2022 16:32
 Operator : CG/JU
 Sample : N3386-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220614

Quant Time: Jun 29 00:18:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

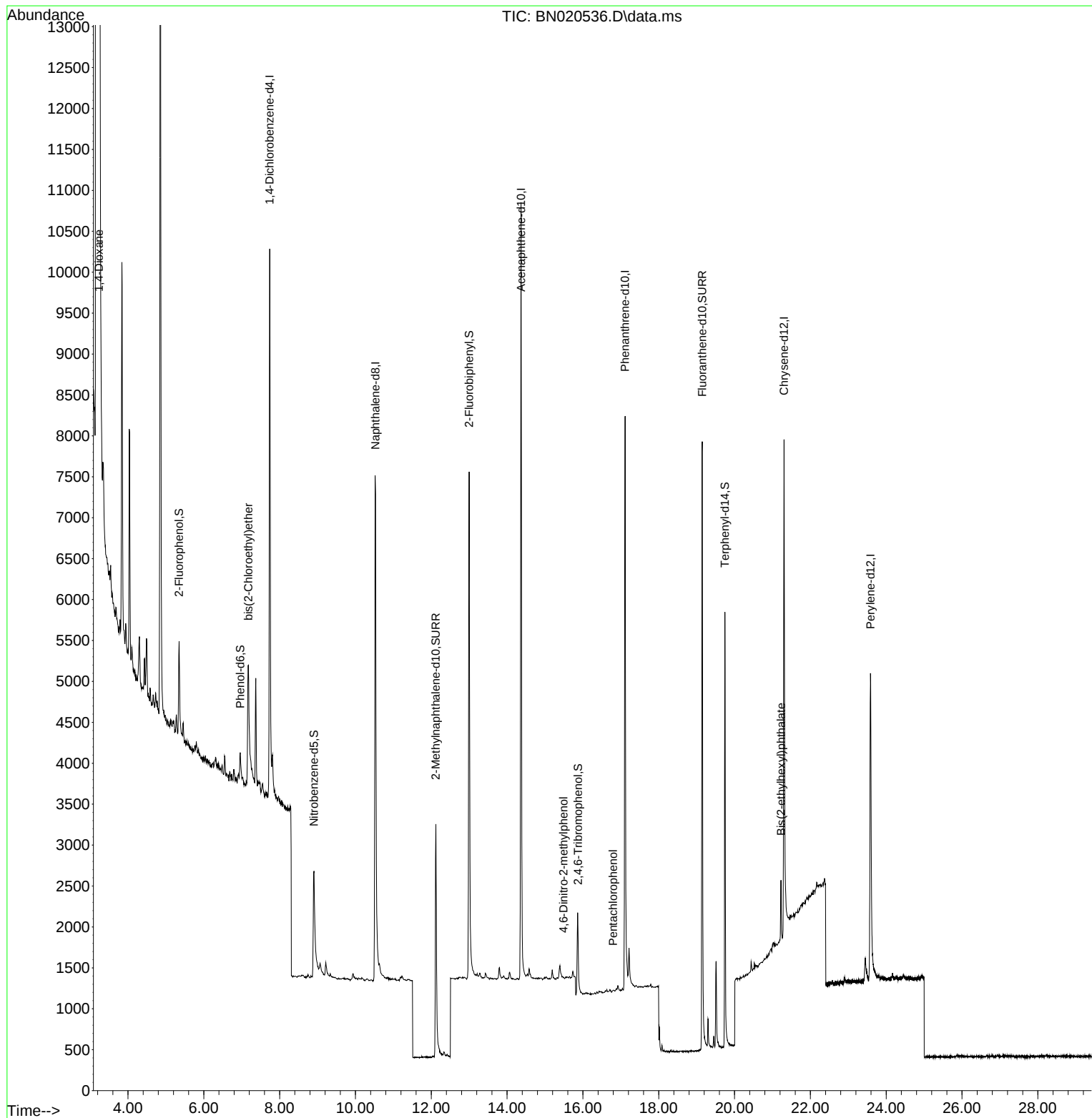
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3798	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	11055	0.400	ng	0.01
13) Acenaphthene-d10	14.367	164	5860	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	10635	0.400	ng	# 0.00
29) Chrysene-d12	21.306	240	7214	0.400	ng	0.00
35) Perylene-d12	23.586	264	6379	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1211	0.115	ng	0.00
5) Phenol-d6	6.959	99	658	0.052	ng	0.01
8) Nitrobenzene-d5	8.907	82	2024	0.226	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	5197	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.872	330	482	0.218	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	6661	0.275	ng	0.00
27) Fluoranthene-d10	19.147	212	9631	0.305	ng	0.00
31) Terphenyl-d14	19.746	244	6486	0.376	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	15421	3.098	ng	# 76
6) bis(2-Chloroethyl)ether	7.175	93	763	0.070	ng	98
20) 4,6-Dinitro-2-methylph...	15.489	198	2	0.226	ng	# 1
24) Pentachlorophenol	16.795	266	19	0.193	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.225	149	778	0.054	ng	# 94

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

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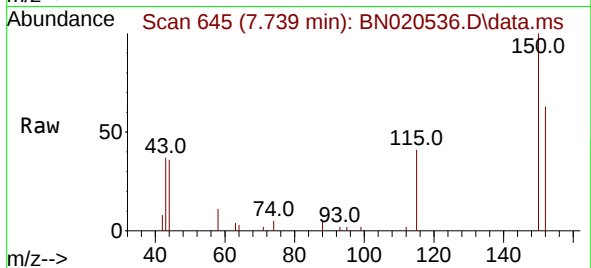
Quant Time: Jun 29 00:18:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
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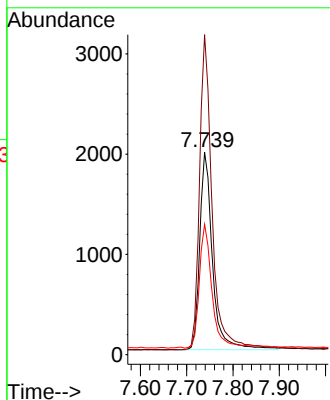
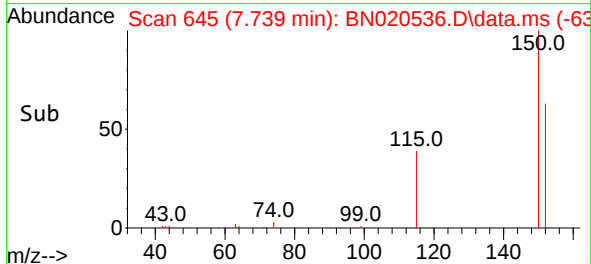


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020536.D
 Acq: 28 Jun 2022 16:32

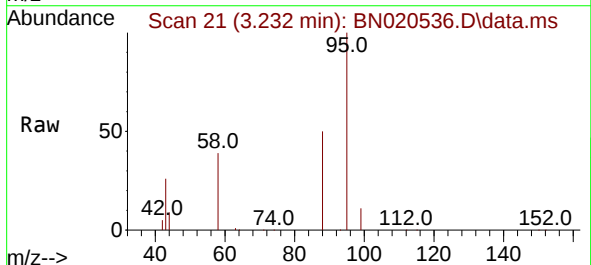
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220614



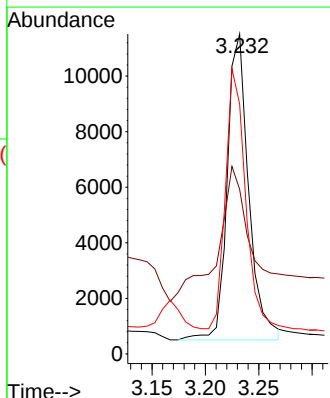
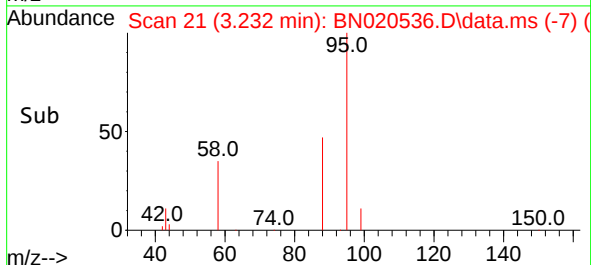
Tgt Ion:152 Resp: 3798
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.9 191.9
 115 64.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 3.098 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN020536.D
 Acq: 28 Jun 2022 16:32



Tgt Ion: 88 Resp: 15421
 Ion Ratio Lower Upper
 88 100
 43 67.3 30.2 45.2#
 58 78.9 73.0 109.6

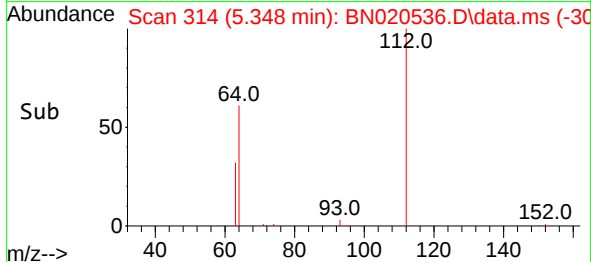
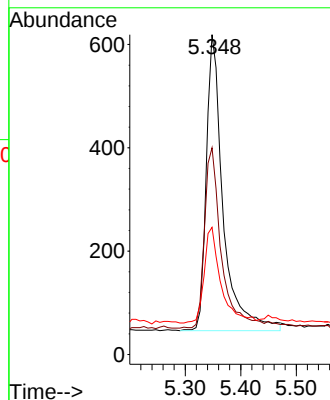
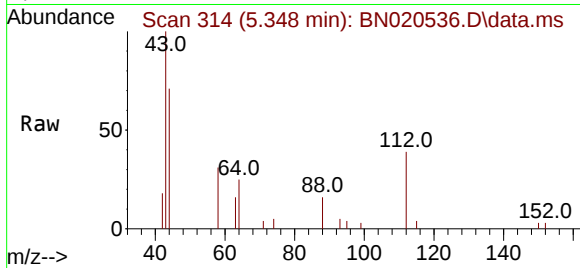




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

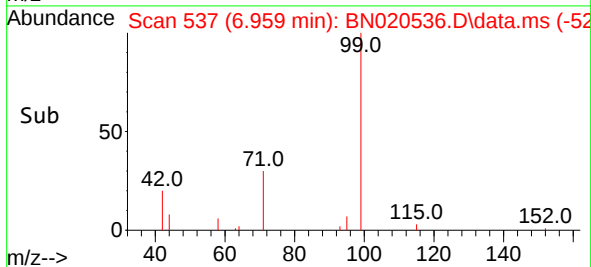
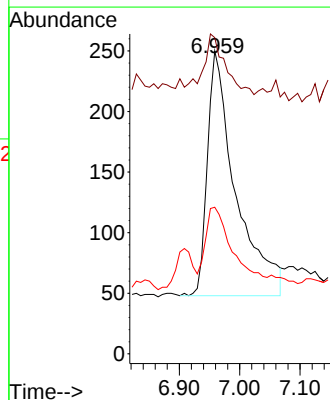
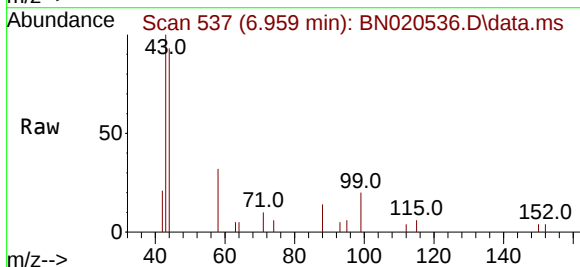
Instrument :
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RE108D2-20220614

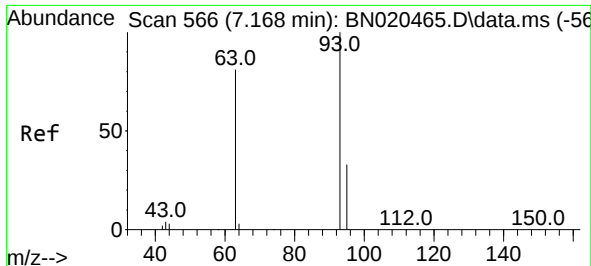
Tgt Ion:112 Resp: 1211
Ion Ratio Lower Upper
112 100
64 60.9 49.1 73.7
63 31.9 26.3 39.5



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.959 min Scan# 537
Delta R.T. 0.014 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

Tgt Ion: 99 Resp: 658
Ion Ratio Lower Upper
99 100
42 18.7 19.3 28.9#
71 26.9 27.5 41.3#

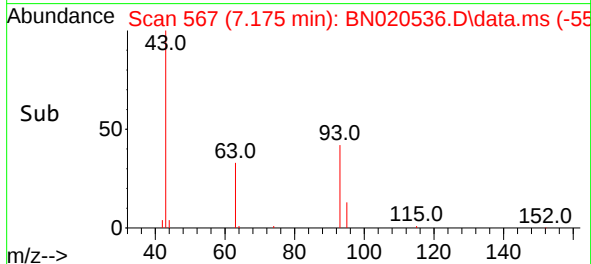
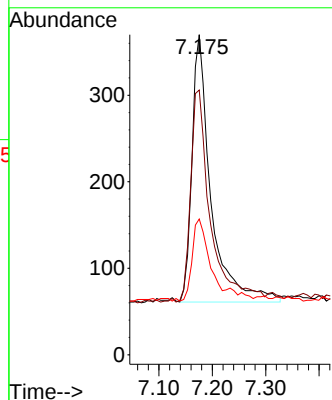
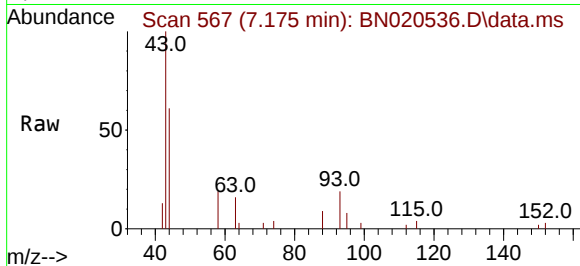




#6
bis(2-Chloroethyl)ether
Concen: 0.070 ng
RT: 7.175 min Scan# 566
Delta R.T. 0.007 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

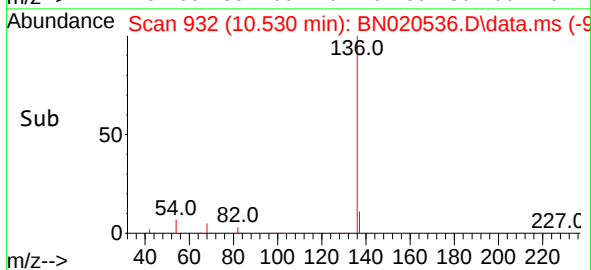
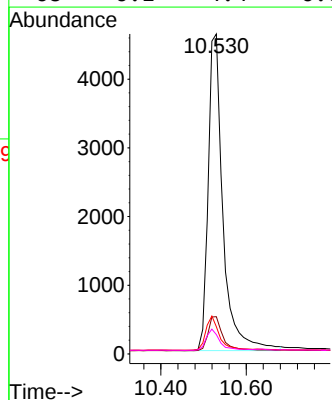
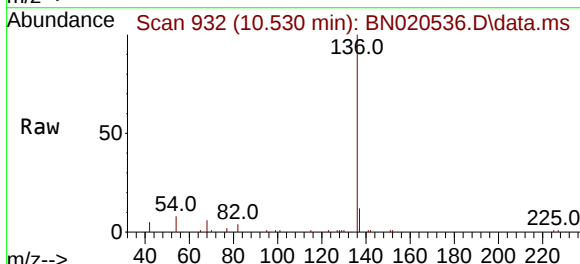
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220614

Tgt Ion: 93 Resp: 763
Ion Ratio Lower Upper
93 100
63 83.0 67.4 101.0
95 31.5 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.011 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

Tgt Ion: 136 Resp: 11055
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 8.5 6.2 9.2
68 6.1 4.4 6.6

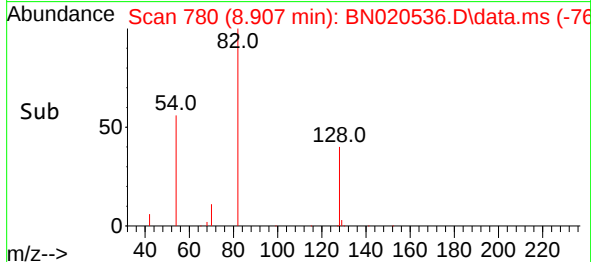
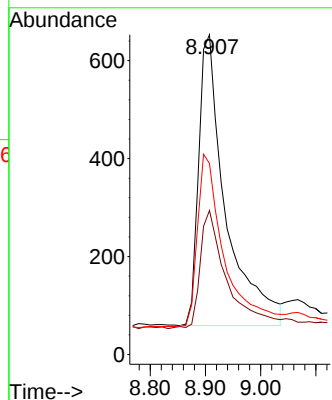
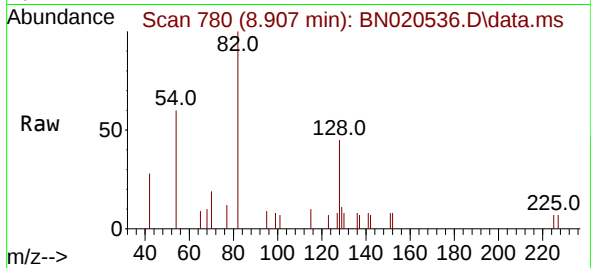




#8
 Nitrobenzene-d5
 Concen: 0.226 ng
 RT: 8.907 min Scan# 779
 Delta R.T. 0.011 min
 Lab File: BN020536.D
 Acq: 28 Jun 2022 16:32

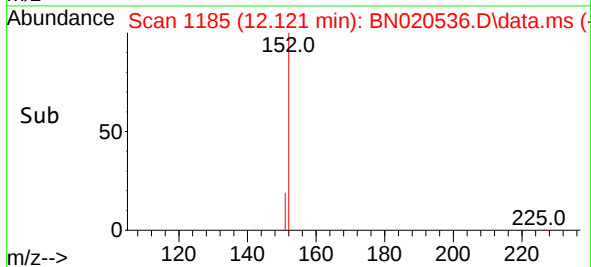
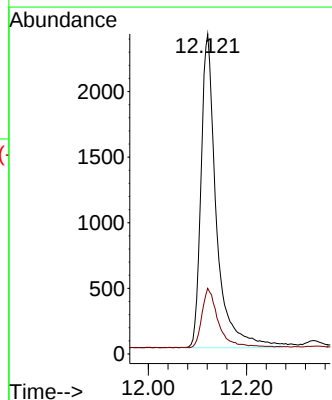
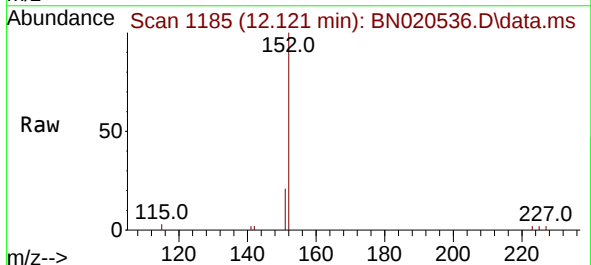
Instrument :
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 ClientSampleId :
 RE108D2-20220614

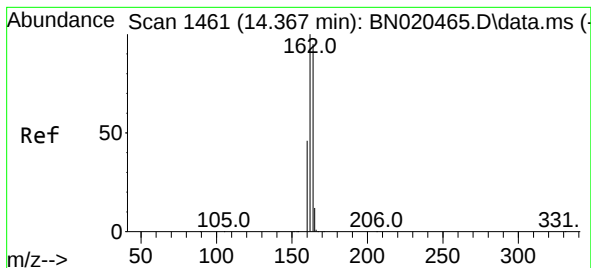
Tgt Ion:	82	Resp:	2024
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.6
54	59.7	46.2	69.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.274 ng
 RT: 12.121 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: BN020536.D
 Acq: 28 Jun 2022 16:32

Tgt Ion:	152	Resp:	5197
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.367 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BN020536.D

Acq: 28 Jun 2022 16:32

Instrument :

BNA_N

ClientSampleId :

RE108D2-20220614

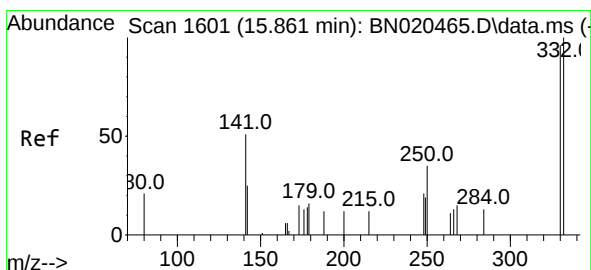
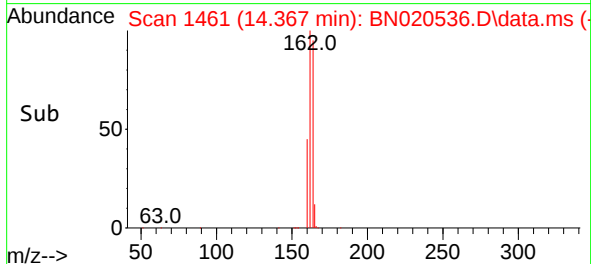
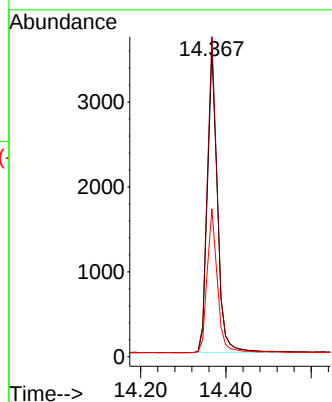
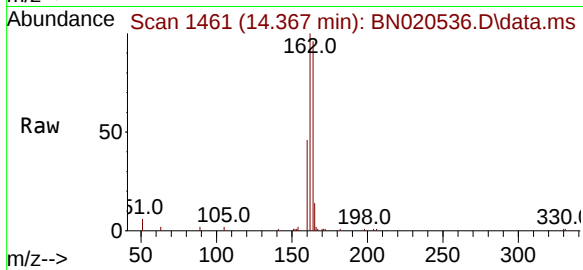
Tgt Ion:164 Resp: 5860

Ion Ratio Lower Upper

164 100

162 104.7 82.1 123.1

160 48.4 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.218 ng

RT: 15.872 min Scan# 1602

Delta R.T. 0.010 min

Lab File: BN020536.D

Acq: 28 Jun 2022 16:32

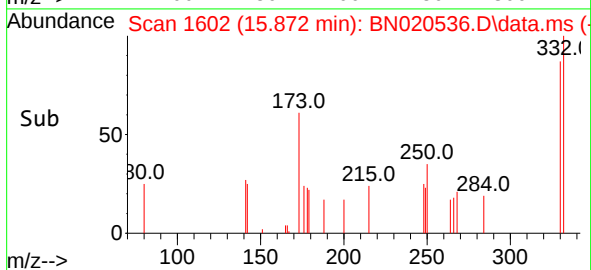
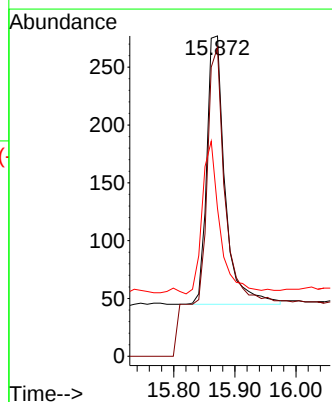
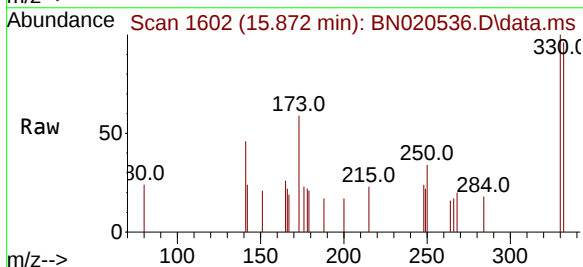
Tgt Ion:330 Resp: 482

Ion Ratio Lower Upper

330 100

332 183.4 77.6 116.4#

141 56.2 41.0 61.4

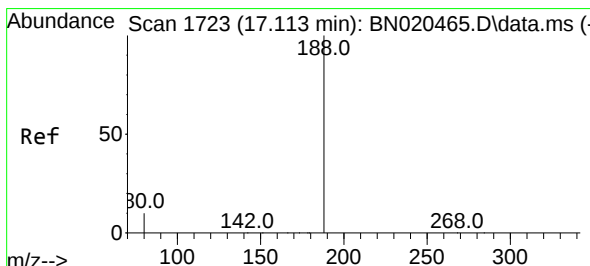
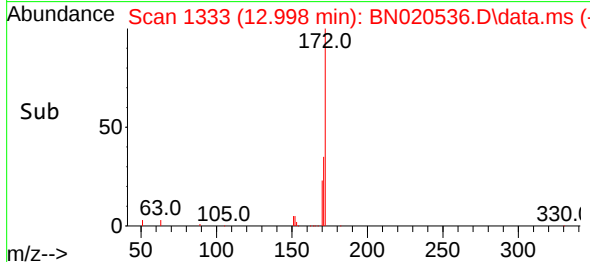
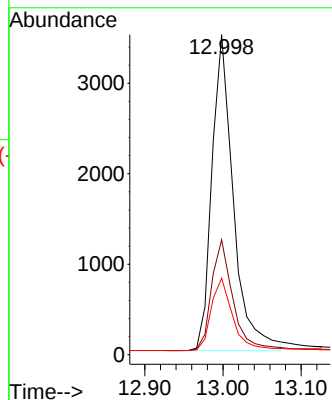
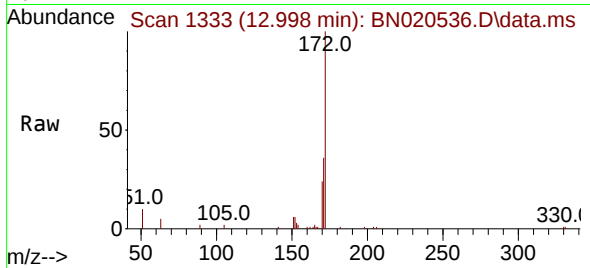




#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

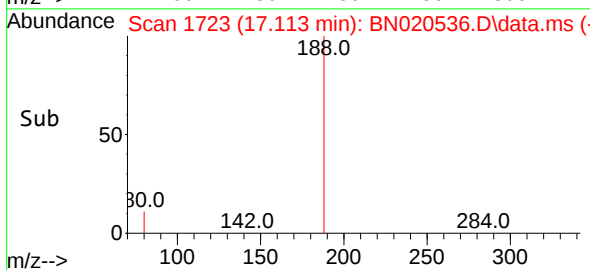
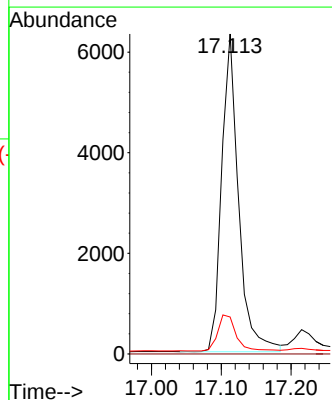
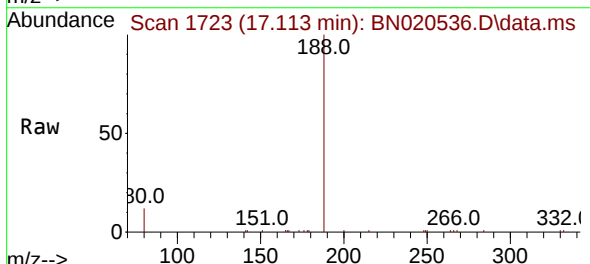
Instrument :
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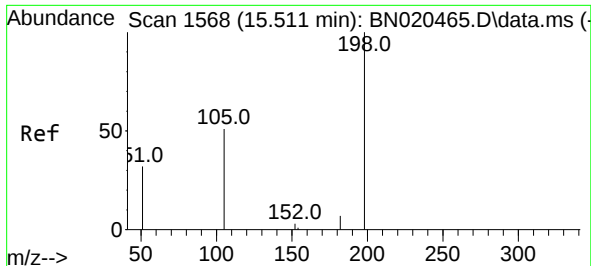
Tgt Ion:	172	Resp:	6661
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.2	40.8
170	23.9	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

Tgt Ion:	188	Resp:	10635
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.4	11.2

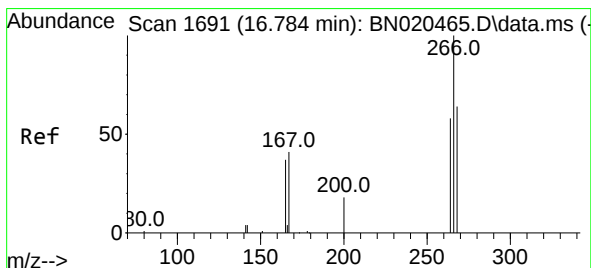
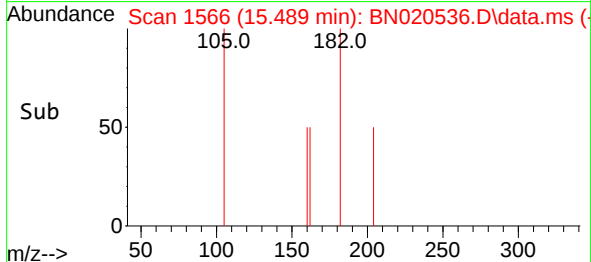
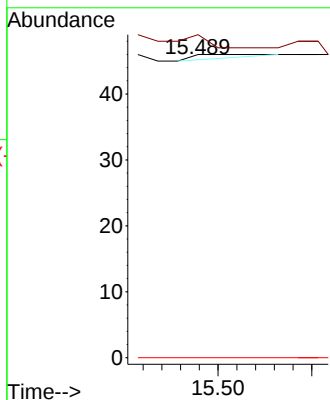
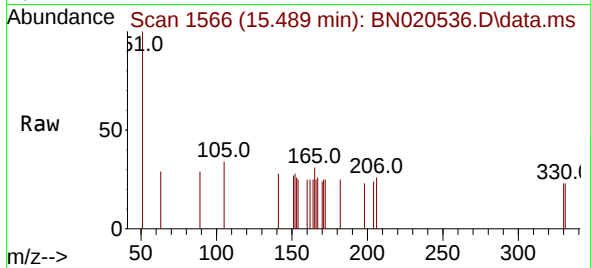




#20
4,6-Dinitro-2-methylphenol
Concen: 0.226 ng
RT: 15.489 min Scan# 1566
Delta R.T. -0.022 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

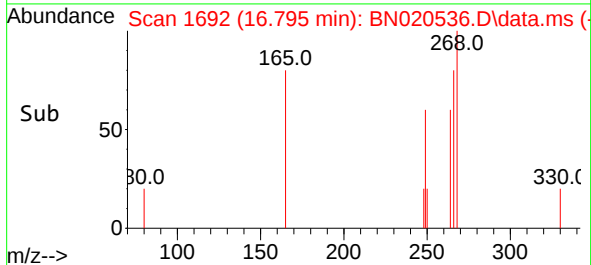
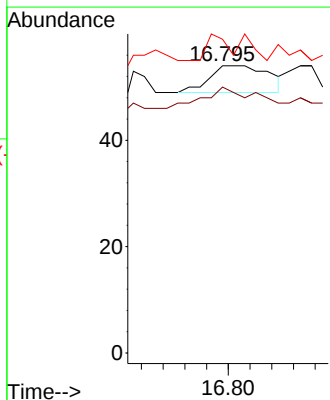
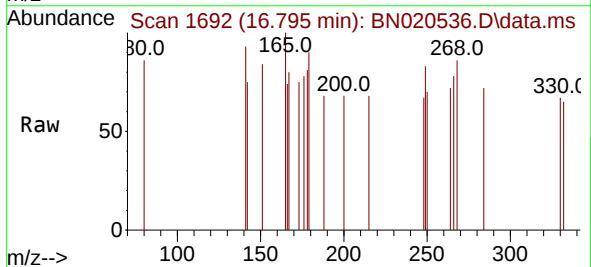
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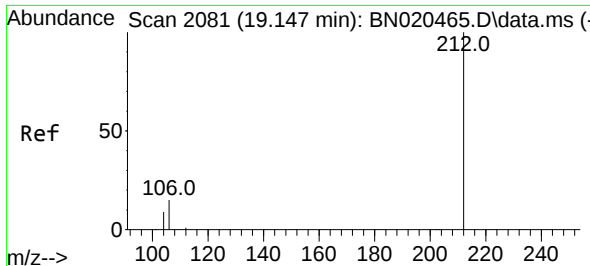
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 106.5 12.1 18.1#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.193 ng
RT: 16.795 min Scan# 1692
Delta R.T. 0.011 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 73.7 51.3 76.9
268 31.6 52.6 79.0#

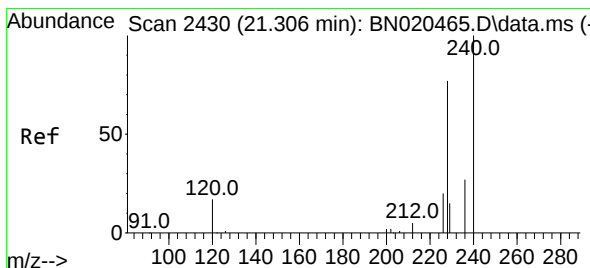
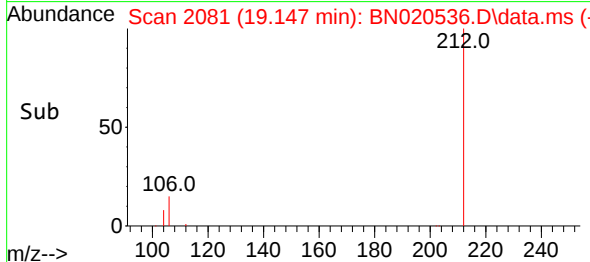
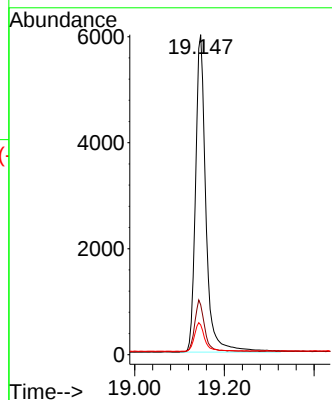
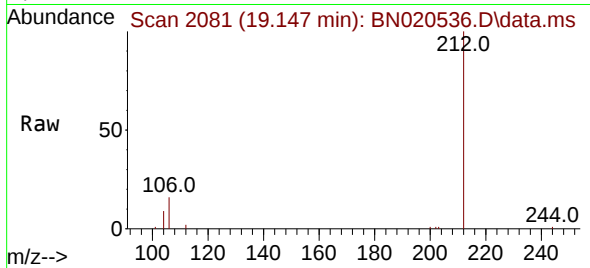




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.147 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

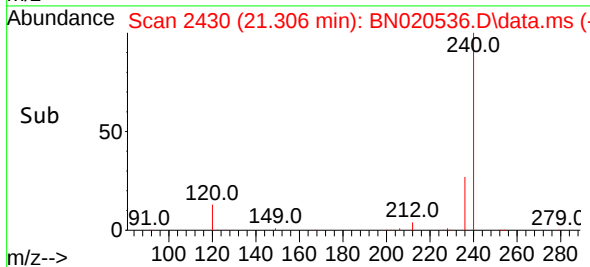
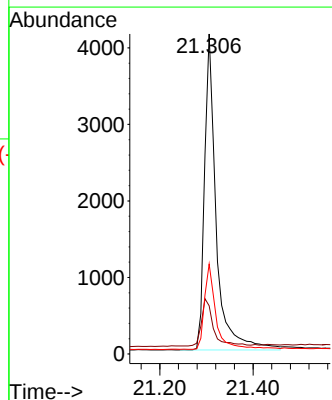
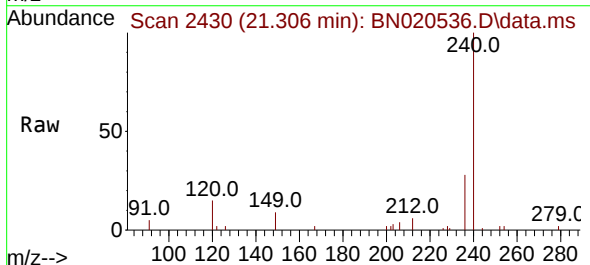
Instrument :
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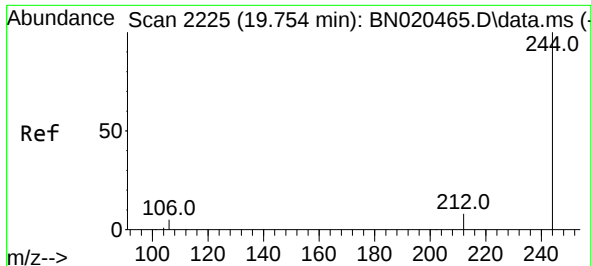
Tgt Ion:212 Resp: 9631
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 9.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020536.D
Acq: 28 Jun 2022 16:32

Tgt Ion:240 Resp: 7214
Ion Ratio Lower Upper
240 100
120 15.1 14.6 21.8
236 28.1 22.6 33.8

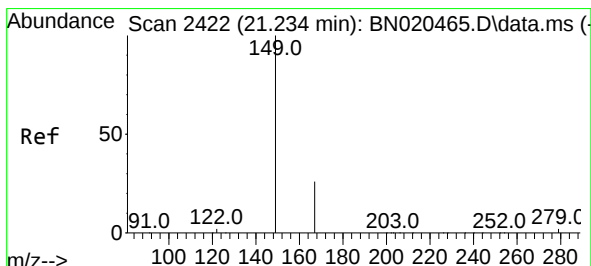
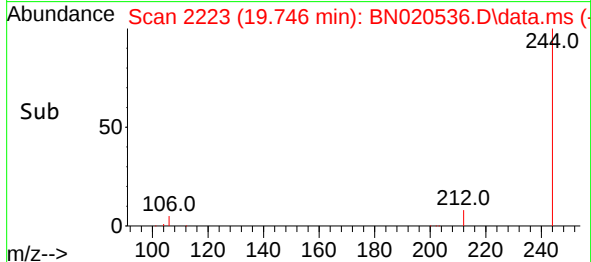
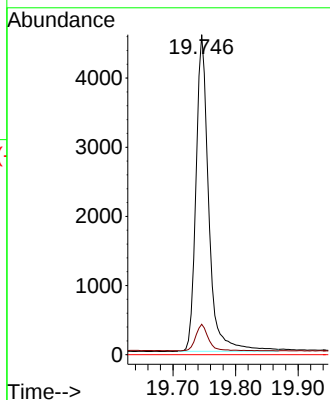
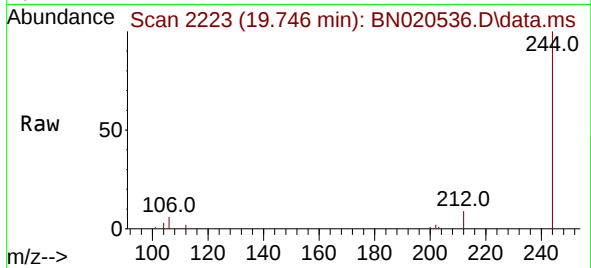




#31
 Terphenyl-d14
 Concen: 0.376 ng
 RT: 19.746 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN020536.D
 Acq: 28 Jun 2022 16:32

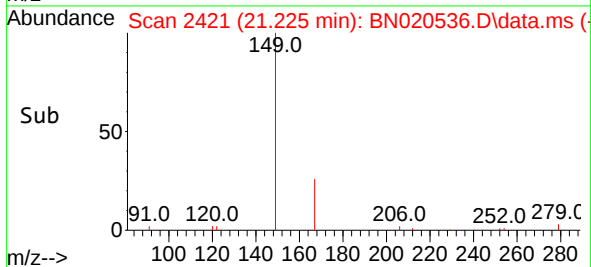
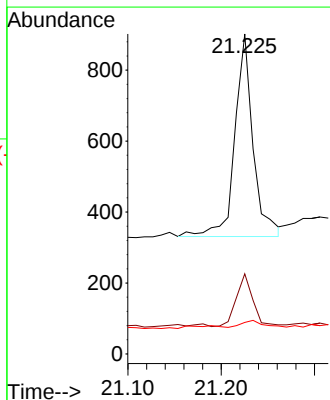
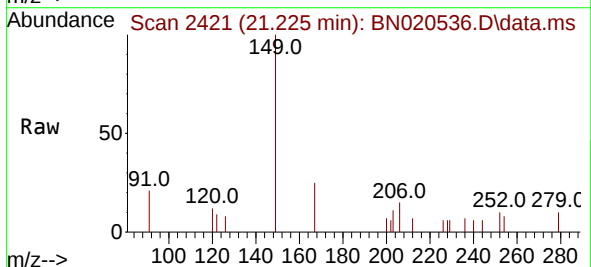
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220614

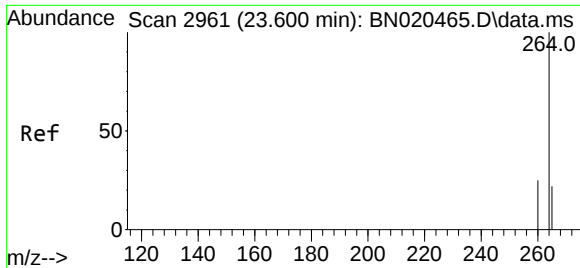
Tgt Ion:244 Resp: 6486
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020536.D
 Acq: 28 Jun 2022 16:32

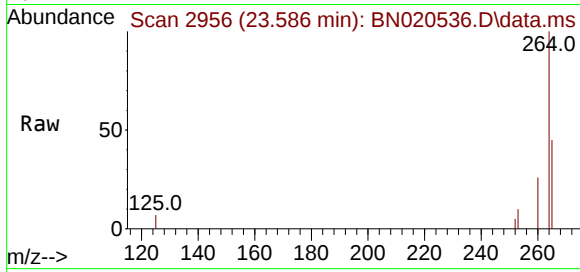
Tgt Ion:149 Resp: 778
 Ion Ratio Lower Upper
 149 100
 167 23.8 21.7 32.5
 279 4.2 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2956
 Delta R.T. -0.015 min
 Lab File: BN020536.D
 Acq: 28 Jun 2022 16:32

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220614



Tgt Ion:264 Resp: 6379

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.9	31.3
265	44.6	28.0	42.0#

