

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
 Data File : BN020515.D
 Acq On : 28 Jun 2022 00:54
 Operator : CG/JU
 Sample : N3386-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20220614

Quant Time: Jun 28 02:47:34 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)

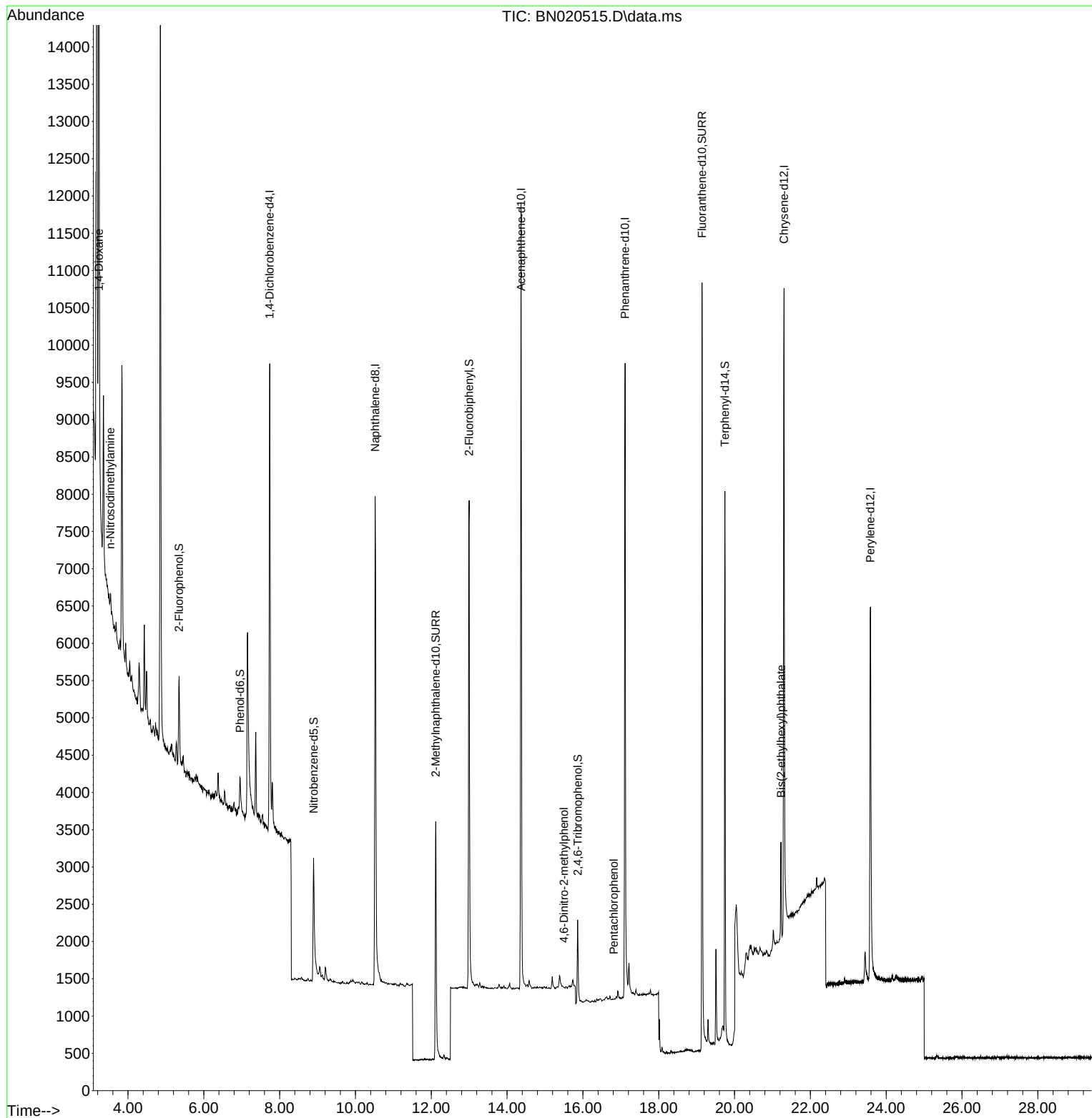
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3421	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	10604	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	6253	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	12758	0.400	ng	0.00
29) Chrysene-d12	21.306	240	10092	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	7842	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	1169	0.123	ng	0.00
5) Phenol-d6	6.952	99	727	0.064	ng	0.00
8) Nitrobenzene-d5	8.897	82	2075	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	5308	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	645	0.274	ng	0.00
15) 2-Fluorobiphenyl	12.999	172	6992	0.271	ng	0.00
27) Fluoranthene-d10	19.143	212	12814	0.338	ng	0.00
31) Terphenyl-d14	19.746	244	9023	0.374	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.232	88	12916	2.880	ng	93
3) n-Nitrosodimethylamine	3.536	42	123	0.030	ng	# 11
20) 4,6-Dinitro-2-methylph...	15.500	198	3	0.226	ng	# 1
24) Pentachlorophenol	16.815	266	6	0.186	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.225	149	1332	0.066	ng	# 94

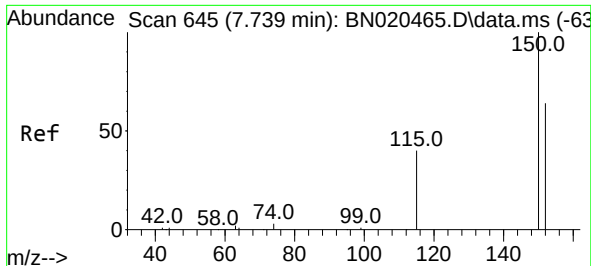
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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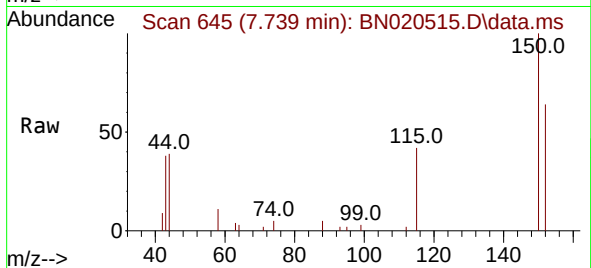
Quant Time: Jun 28 02:47:34 2022
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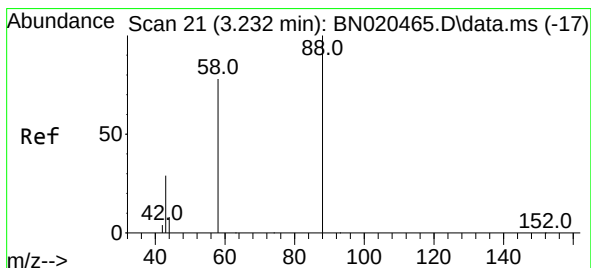
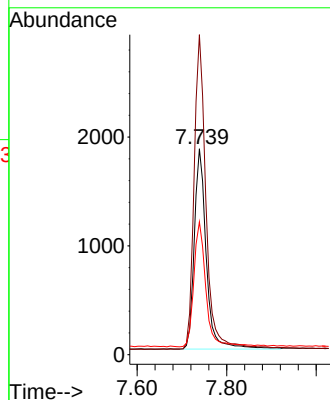
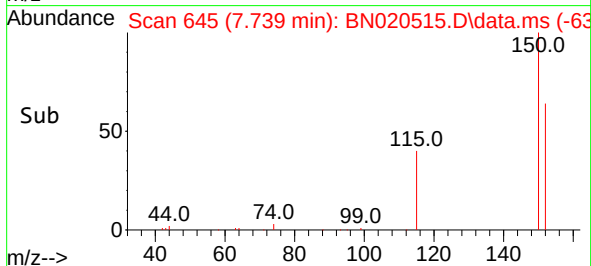


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020515.D
 Acq: 28 Jun 2022 00:54

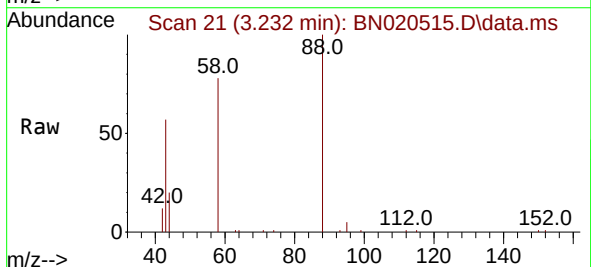
Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20220614



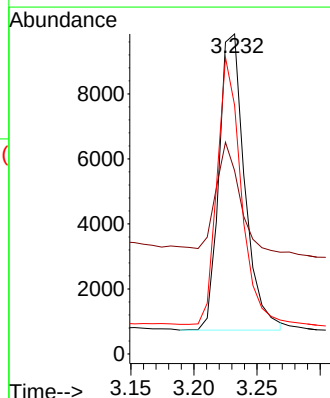
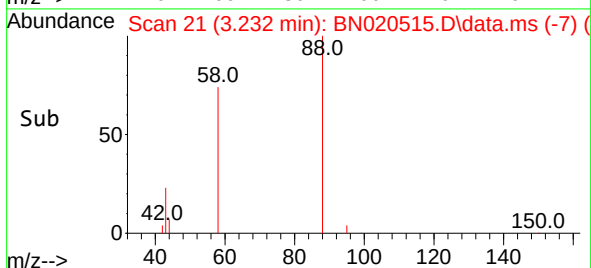
Tgt Ion:152 Resp: 3421
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.9 191.9
 115 64.5 51.4 77.2

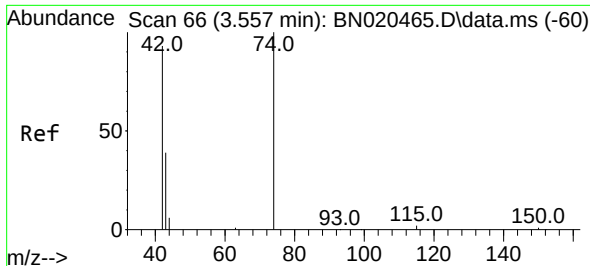


#2
 1,4-Dioxane
 Concen: 2.880 ng
 RT: 3.232 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN020515.D
 Acq: 28 Jun 2022 00:54



Tgt Ion: 88 Resp: 12916
 Ion Ratio Lower Upper
 88 100
 43 33.6 30.2 45.2
 58 84.0 73.0 109.6

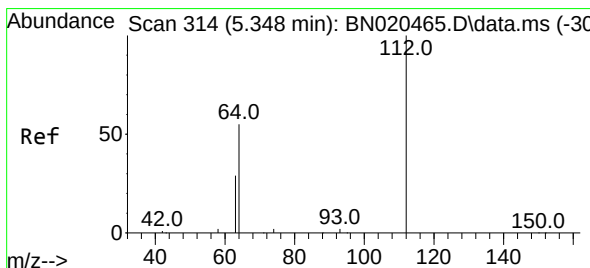
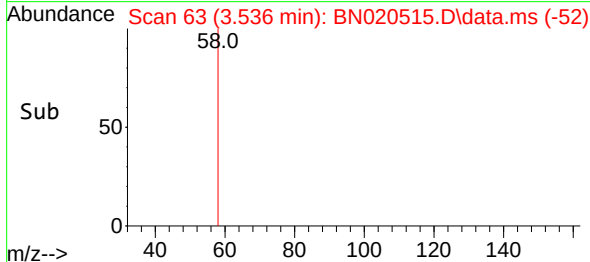
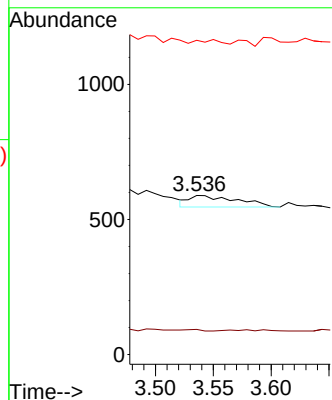
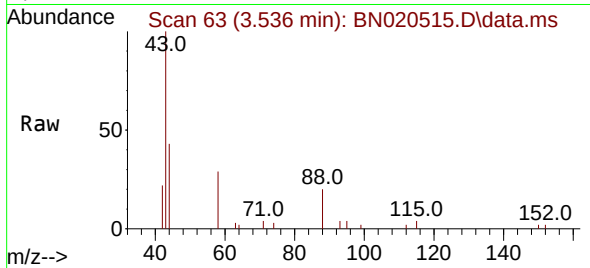




#3
 n-Nitrosodimethylamine
 Concen: 0.030 ng
 RT: 3.536 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: BN020515.D
 Acq: 28 Jun 2022 00:54

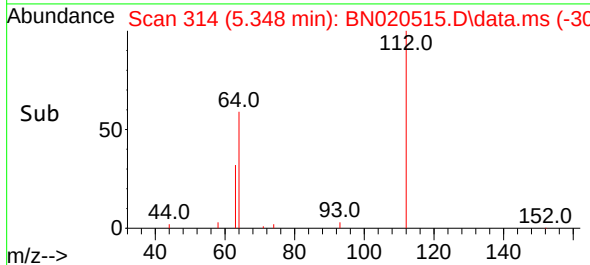
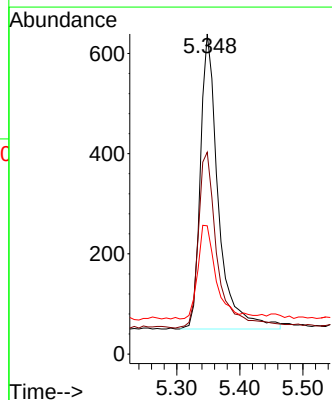
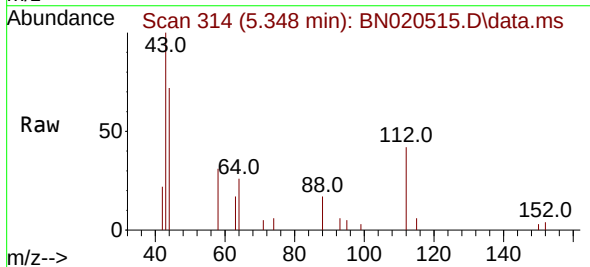
Instrument :
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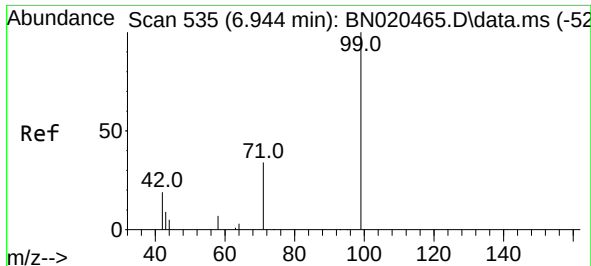
Tgt Ion: 42 Resp: 123
 Ion Ratio Lower Upper
 42 100
 74 4.1 84.0 126.0#
 44 15.4 9.8 14.8#



#4
 2-Fluorophenol
 Concen: 0.123 ng
 RT: 5.348 min Scan# 314
 Delta R.T. 0.000 min
 Lab File: BN020515.D
 Acq: 28 Jun 2022 00:54

Tgt Ion: 112 Resp: 1169
 Ion Ratio Lower Upper
 112 100
 64 63.1 49.1 73.7
 63 33.0 26.3 39.5

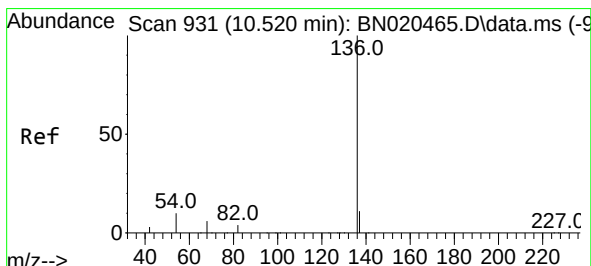
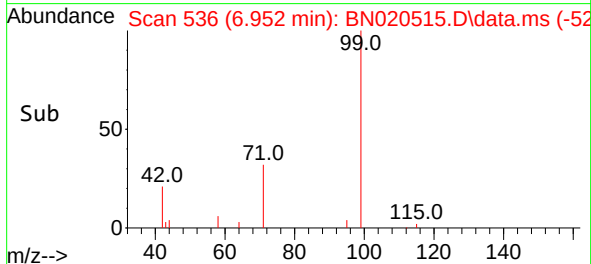
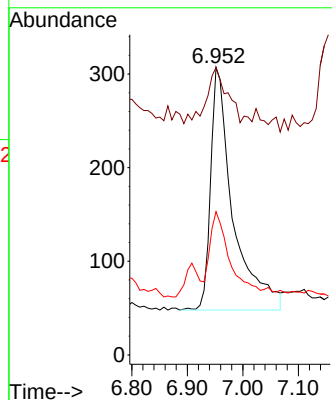
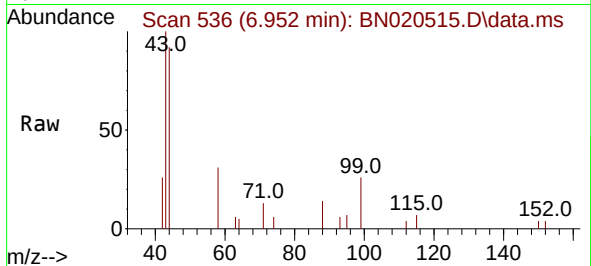




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.952 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

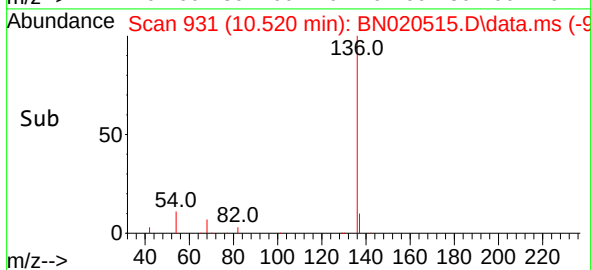
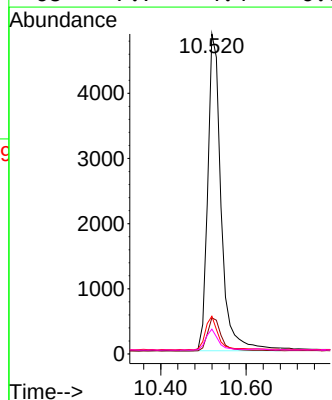
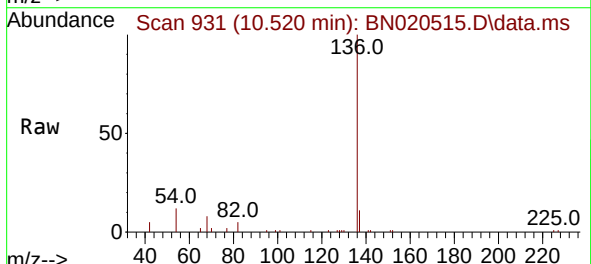
Instrument :
BNA_N
ClientSampleId :
RE108D1-20220614

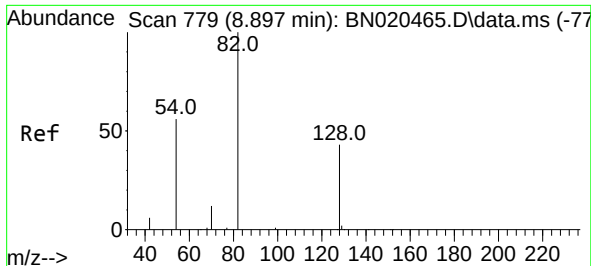
Tgt Ion: 99 Resp: 727
Ion Ratio Lower Upper
99 100
42 22.0 19.3 28.9
71 29.3 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

Tgt Ion: 136 Resp: 10604
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 11.8 6.2 9.2#
68 7.7 4.4 6.6#

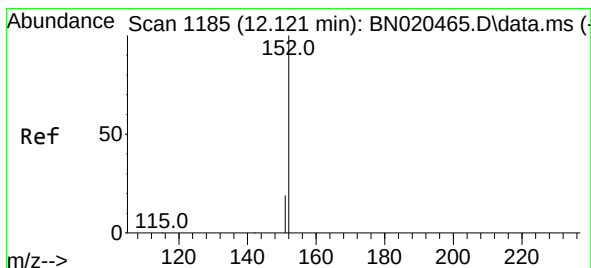
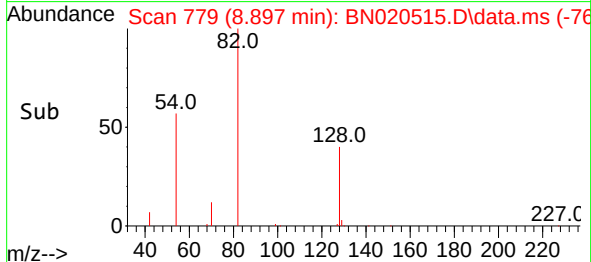
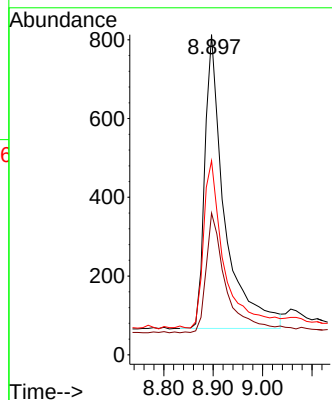
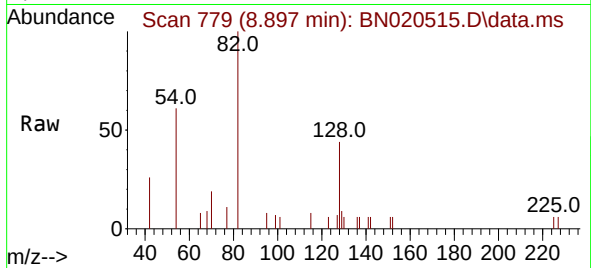




#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.897 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

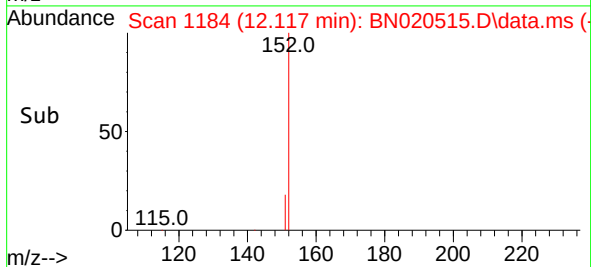
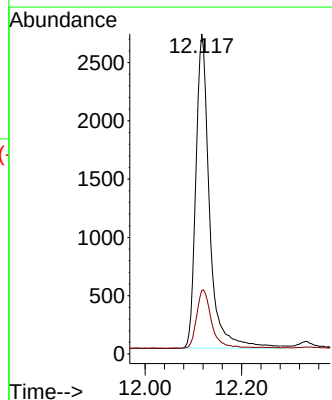
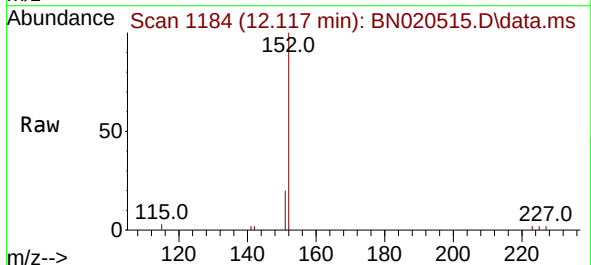
Instrument :
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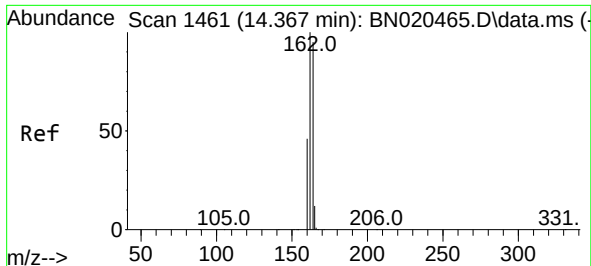
Tgt Ion: 82 Resp: 2075
Ion Ratio Lower Upper
82 100
128 44.3 35.0 52.6
54 60.6 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

Tgt Ion: 152 Resp: 5308
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

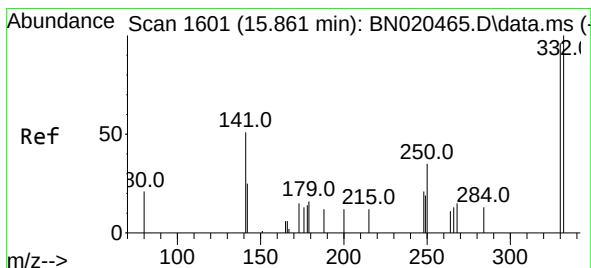
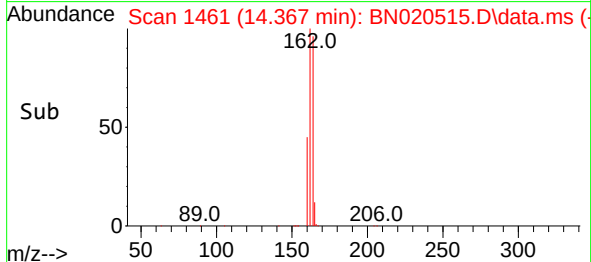
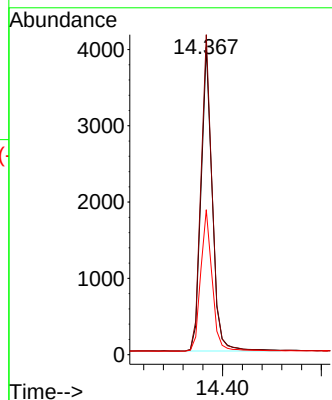
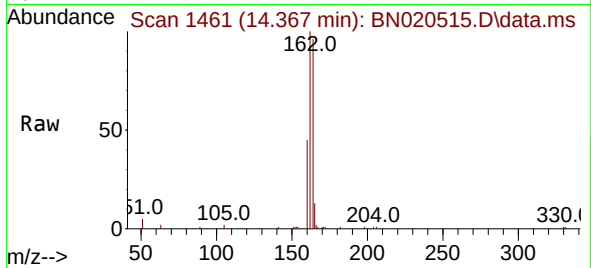




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

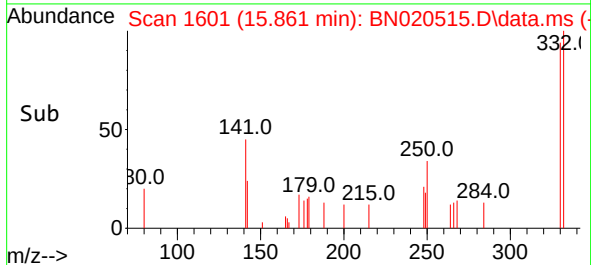
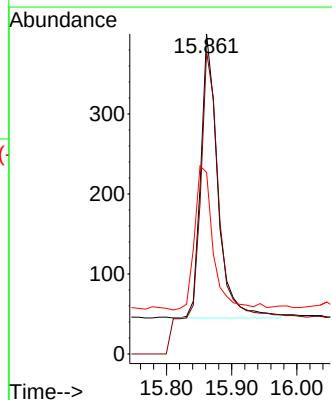
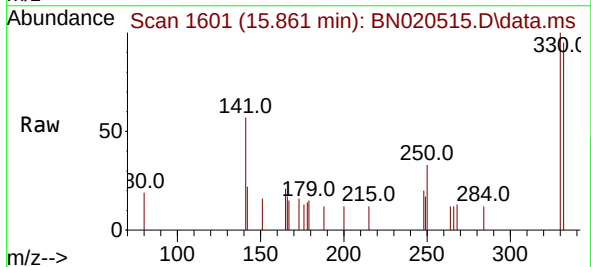
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BNA_N
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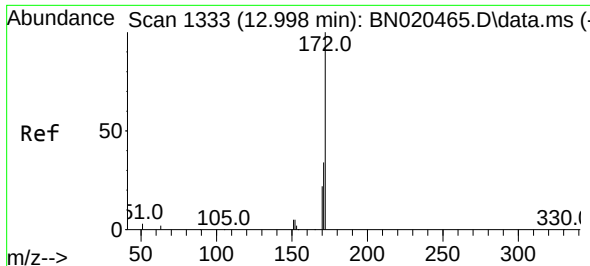
Tgt Ion:164 Resp: 6253
Ion Ratio Lower Upper
164 100
162 104.1 82.1 123.1
160 47.1 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 15.861 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

Tgt Ion:330 Resp: 645
Ion Ratio Lower Upper
330 100
332 164.5 77.6 116.4#
141 55.2 41.0 61.4

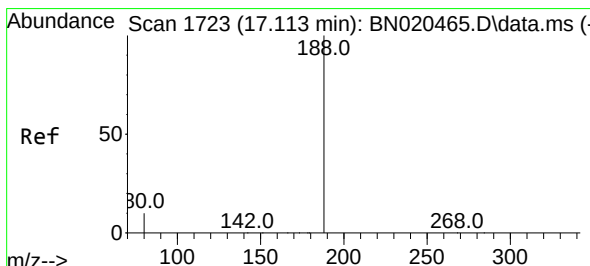
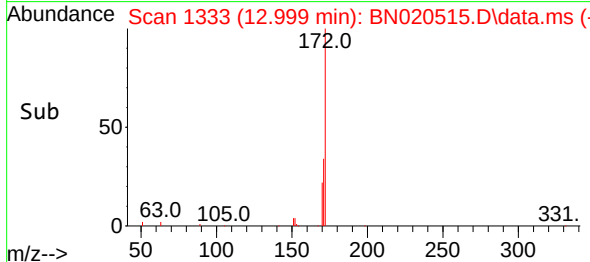
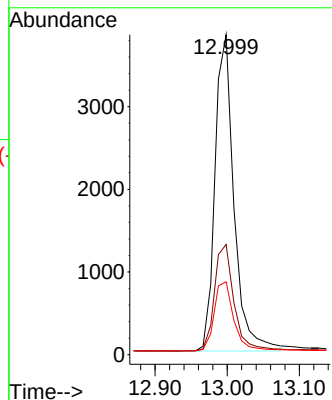
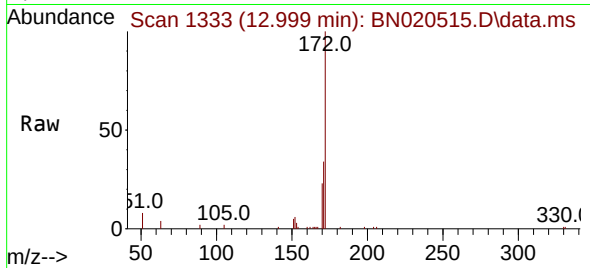




#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

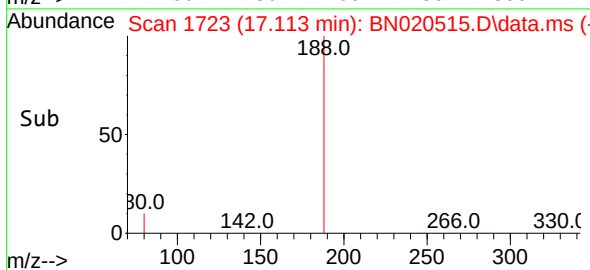
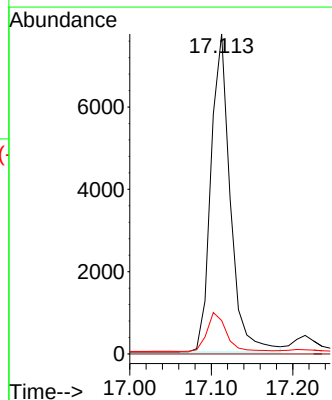
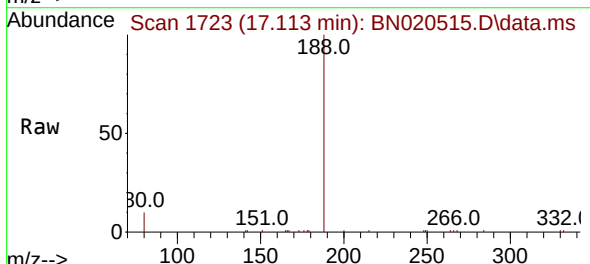
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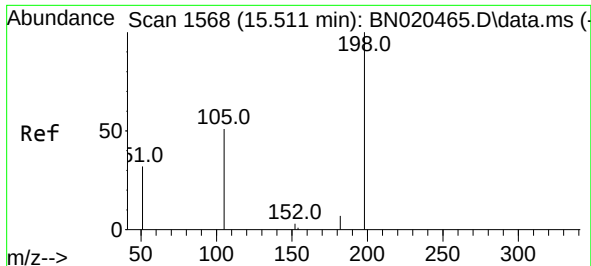
Tgt Ion:	172	Resp:	6992
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.2	40.8
170	22.8	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

Tgt Ion:	188	Resp:	12758
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	7.4	11.2





#20

4,6-Dinitro-2-methylphenol

Concen: 0.226 ng

RT: 15.500 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN020515.D

Acq: 28 Jun 2022 00:54

Instrument :

BNA_N

ClientSampleId :

RE108D1-20220614

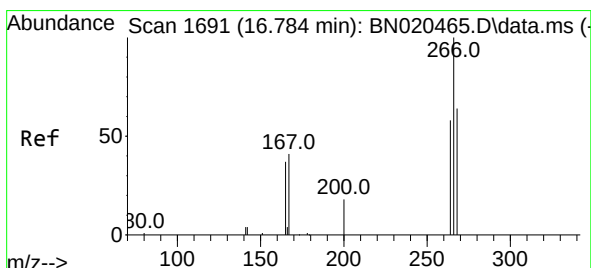
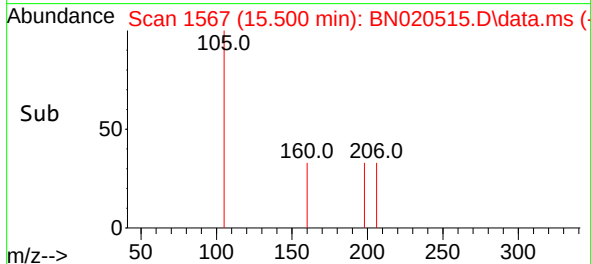
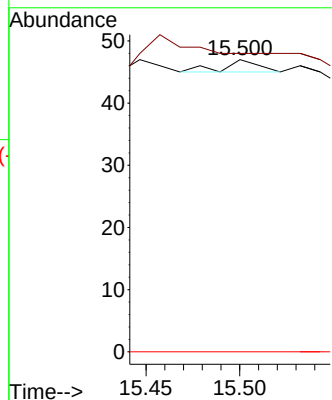
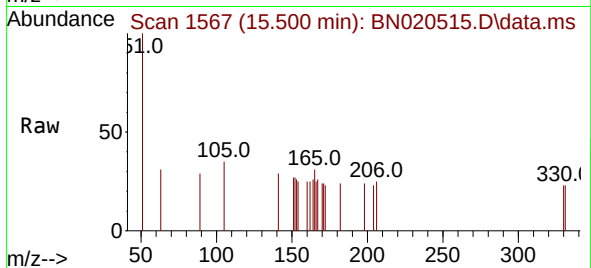
Tgt Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

182 102.1 12.1 18.1#

77 0.0 0.0 0.0



#24

Pentachlorophenol

Concen: 0.186 ng

RT: 16.815 min Scan# 1694

Delta R.T. 0.031 min

Lab File: BN020515.D

Acq: 28 Jun 2022 00:54

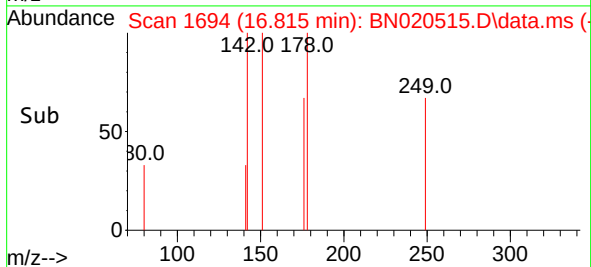
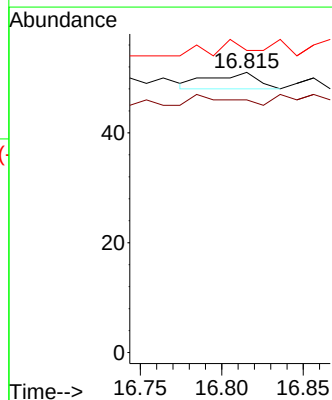
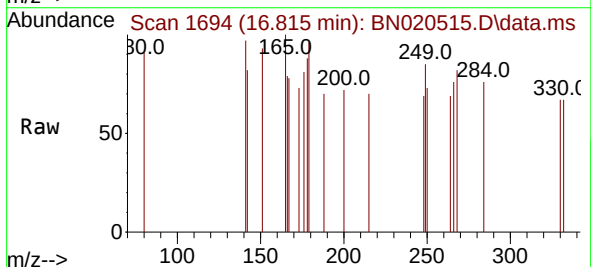
Tgt Ion:266 Resp: 6

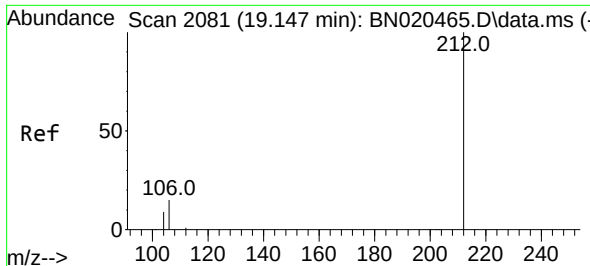
Ion Ratio Lower Upper

266 100

264 0.0 51.3 76.9#

268 66.7 52.6 79.0

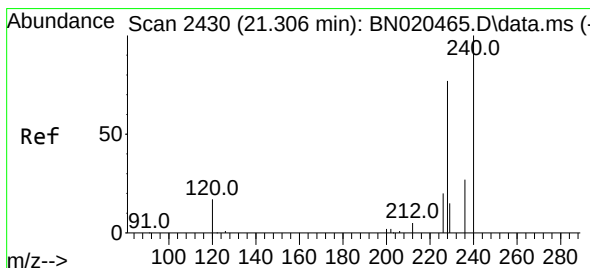
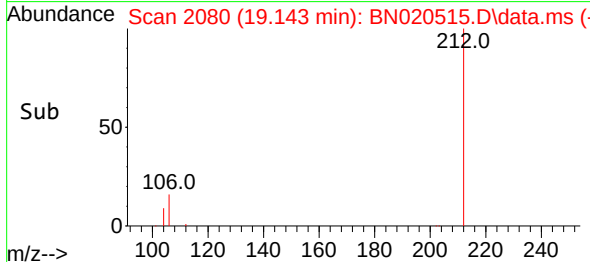
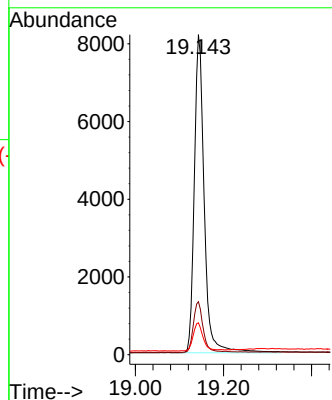
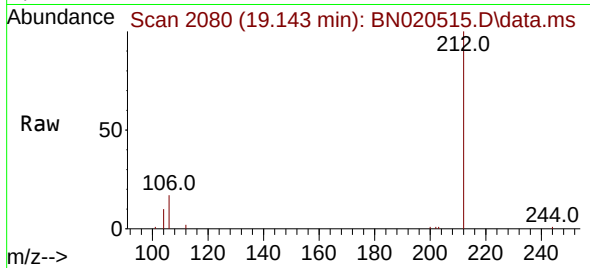




#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.143 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

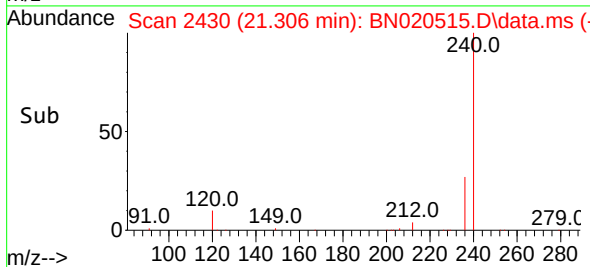
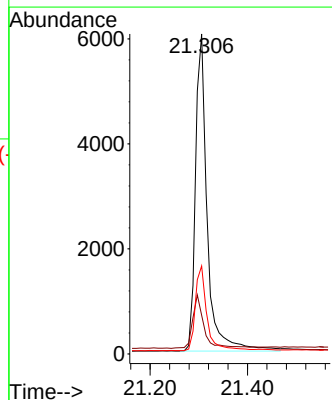
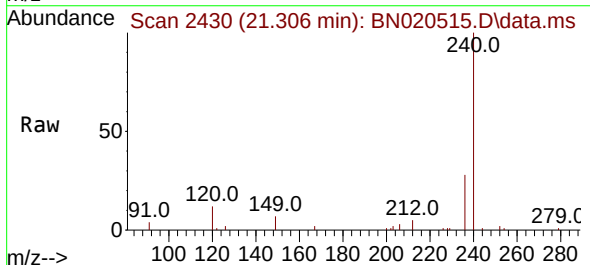
Instrument :
BNA_N
ClientSampleId :
RE108D1-20220614

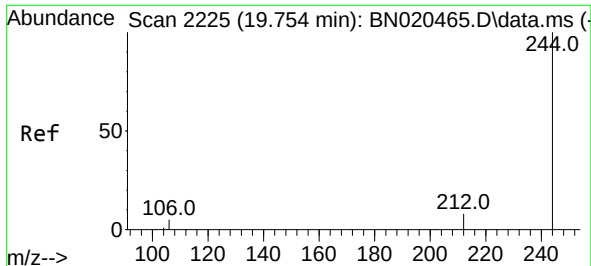
Tgt Ion:212 Resp: 12814
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 8.8 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN020515.D
Acq: 28 Jun 2022 00:54

Tgt Ion:240 Resp: 10092
Ion Ratio Lower Upper
240 100
120 12.1 14.6 21.8#
236 27.5 22.6 33.8

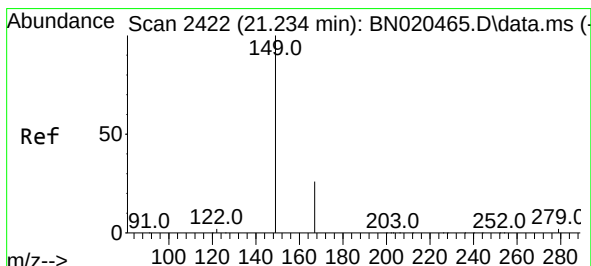
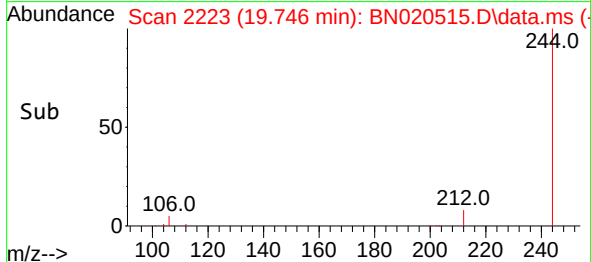
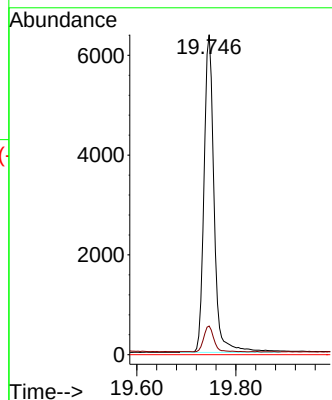
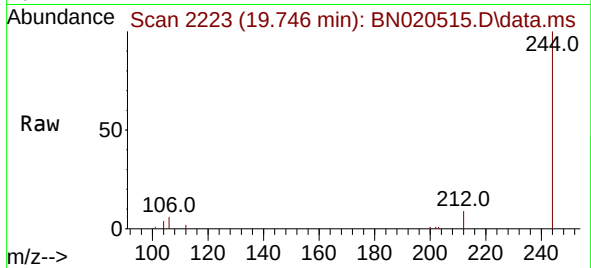




#31
 Terphenyl-d14
 Concen: 0.374 ng
 RT: 19.746 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN020515.D
 Acq: 28 Jun 2022 00:54

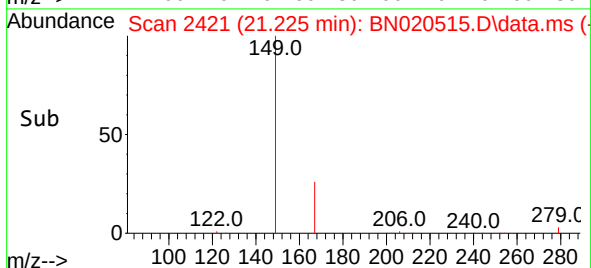
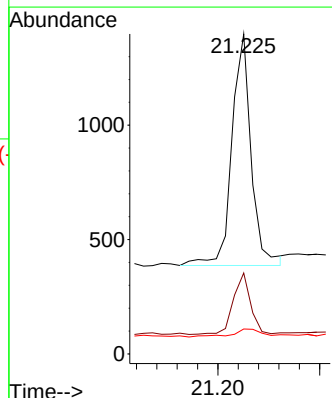
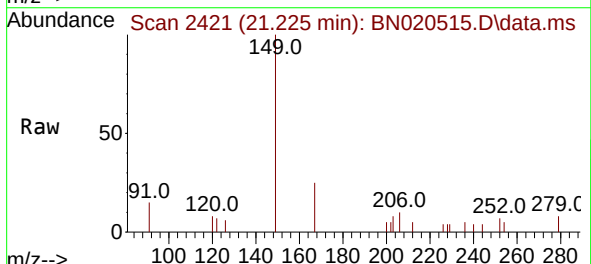
Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20220614

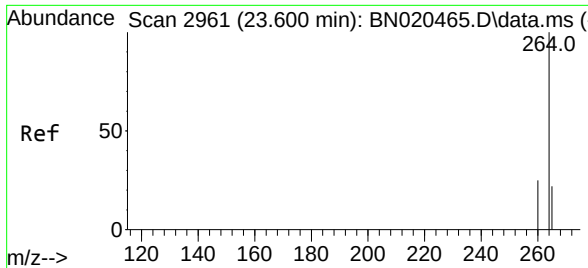
Tgt Ion:244 Resp: 9023
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020515.D
 Acq: 28 Jun 2022 00:54

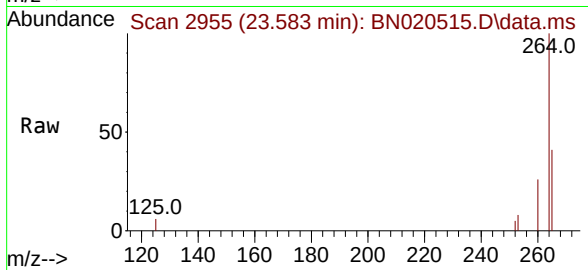
Tgt Ion:149 Resp: 1332
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.7 32.5
 279 6.0 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.583 min Scan# 2955
 Delta R.T. -0.017 min
 Lab File: BN020515.D
 Acq: 28 Jun 2022 00:54

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20220614



Tgt Ion:264 Resp: 7842
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.9 31.3
 265 41.2 28.0 42.0

