

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030017.D
 Acq On : 25 Feb 2024 07:07
 Operator : MA/JU
 Sample : P1532-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20240216

Quant Time: Feb 26 02:48:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

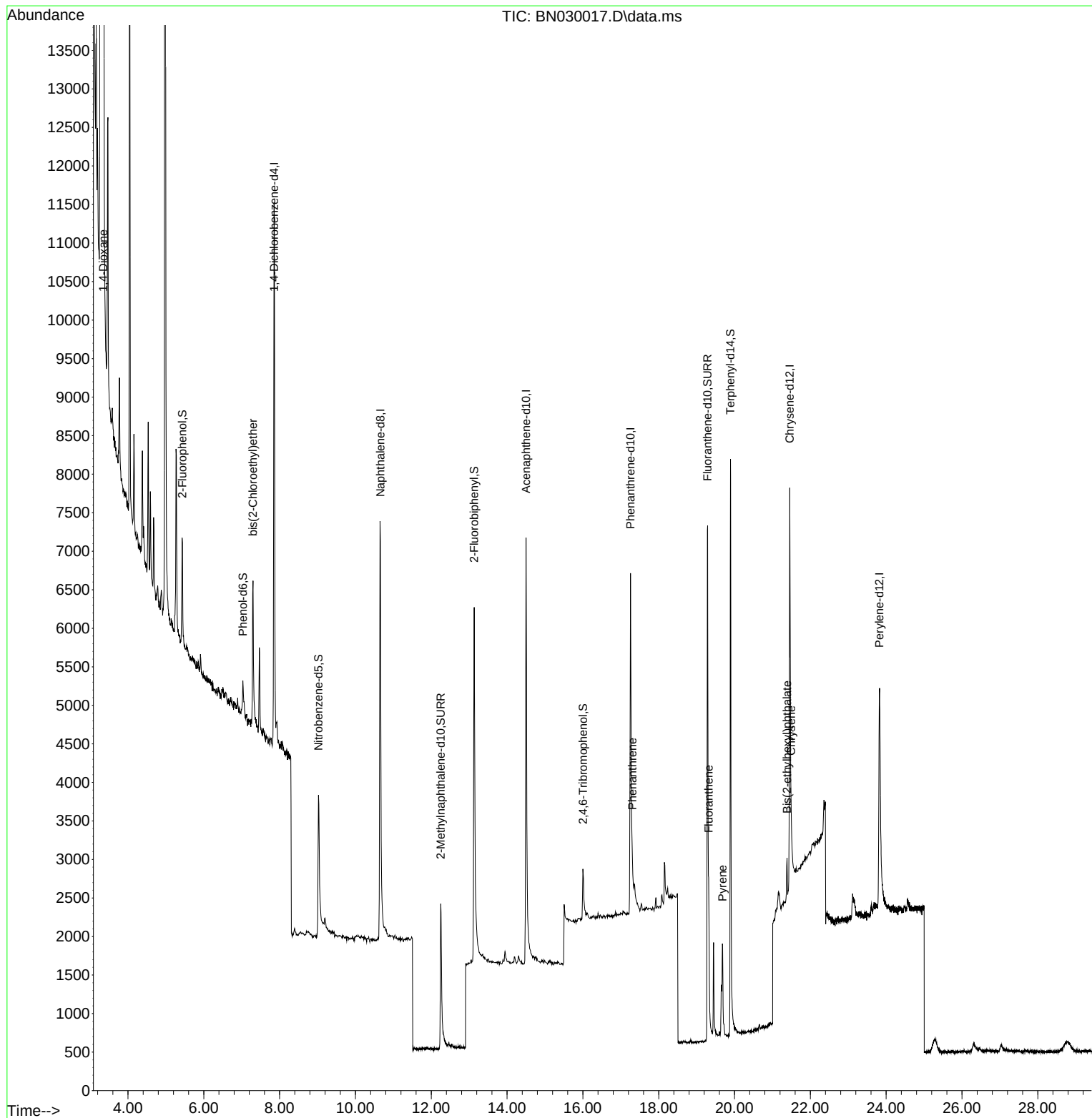
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3906	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9737	0.400	ng	0.01
13) Acenaphthene-d10	14.500	164	4396	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	8521	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6957	0.400	ng	0.00
35) Perylene-d12	23.823	264	6446	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1162	0.124	ng	0.00
5) Phenol-d6	7.031	99	636	0.059	ng	0.00
8) Nitrobenzene-d5	9.025	82	2668	0.329	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	4123	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	554	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	5949	0.315	ng	0.01
27) Fluoranthene-d10	19.289	212	9386	0.455	ng	0.00
31) Terphenyl-d14	19.893	244	9051	0.524	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	15472	2.814	ng	# 94
6) bis(2-Chloroethyl)ether	7.298	93	1832	0.177	ng	98
25) Phenanthrene	17.305	178	509	0.020	ng	# 76
28) Fluoranthene	19.317	202	1517	0.054	ng	# 91
30) Pyrene	19.684	202	1246	0.039	ng	98
33) Chrysene	21.492	228	541	0.020	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.384	149	749	0.046	ng	# 94

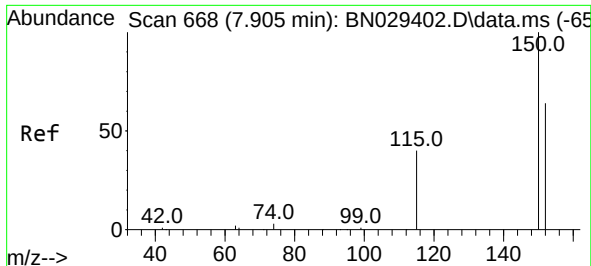
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
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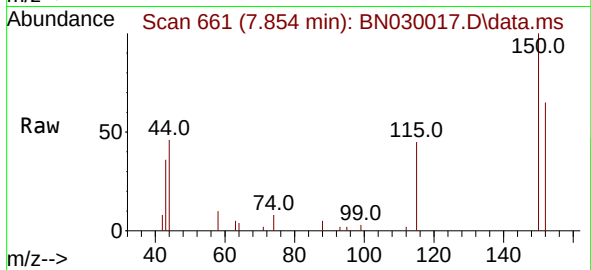
Quant Time: Feb 26 02:48:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration



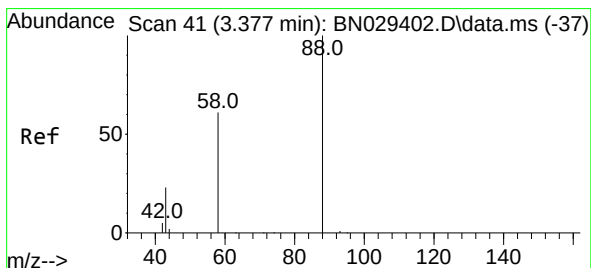
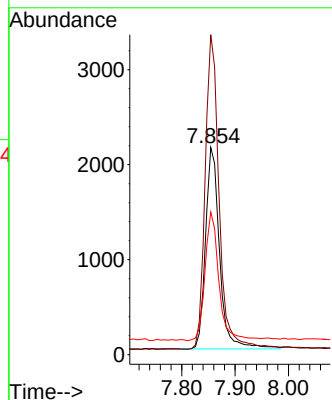
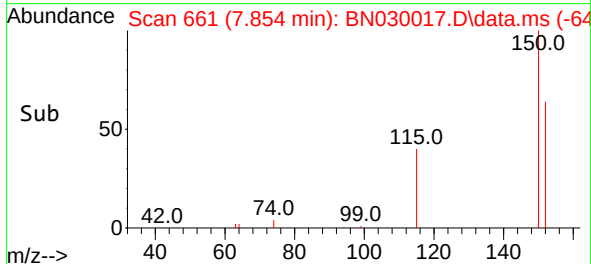


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN030017.D
 Acq: 25 Feb 2024 07:07

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20240216

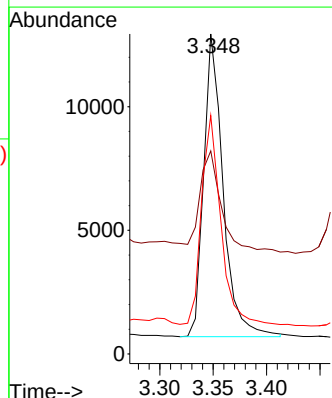
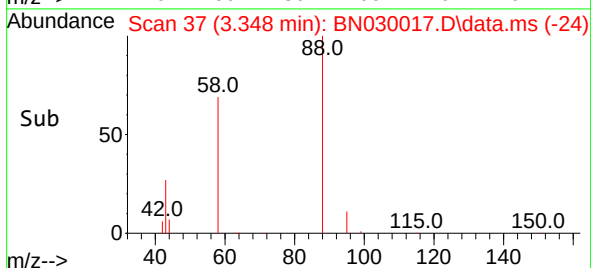
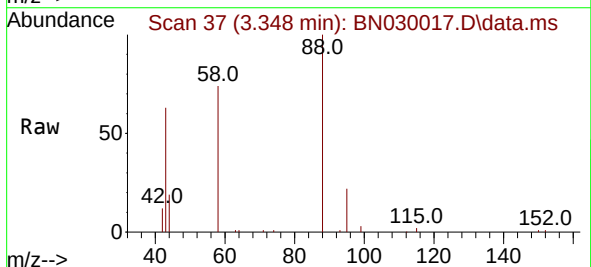


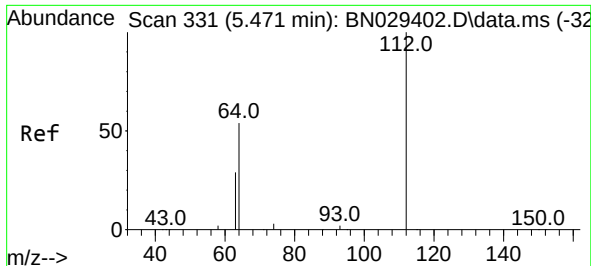
Tgt Ion:152 Resp: 3906
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.4
 115 68.9 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.814 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030017.D
 Acq: 25 Feb 2024 07:07

Tgt Ion: 88 Resp: 15472
 Ion Ratio Lower Upper
 88 100
 43 37.4 23.3 34.9#
 58 68.6 53.8 80.6





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.435 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240216

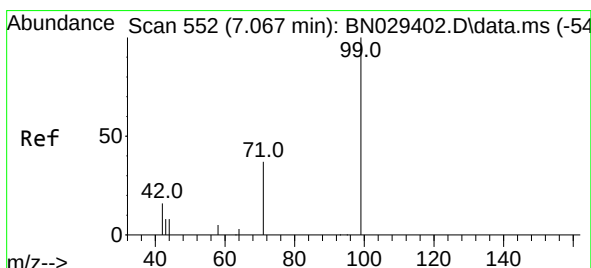
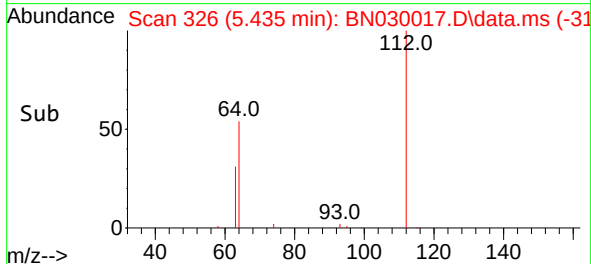
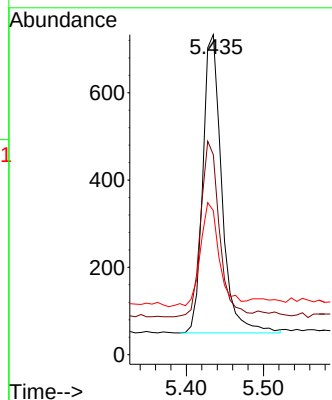
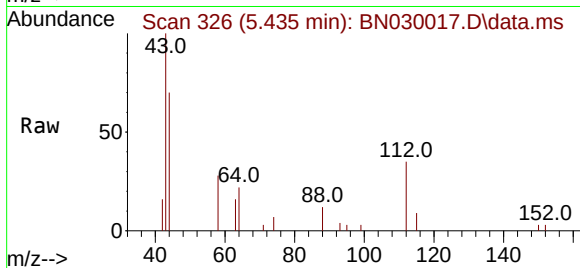
Tgt Ion:112 Resp: 1162

Ion Ratio Lower Upper

112 100

64 57.7 47.2 70.8

63 35.3 25.8 38.6



#5

Phenol-d6

Concen: 0.059 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.007 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

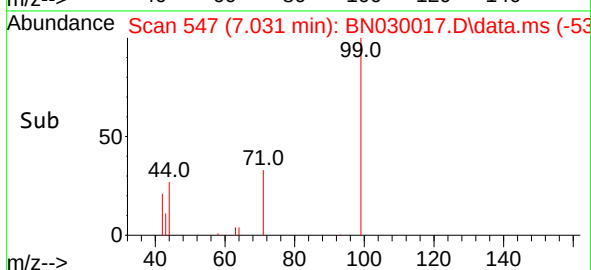
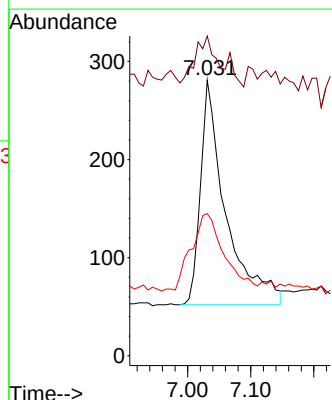
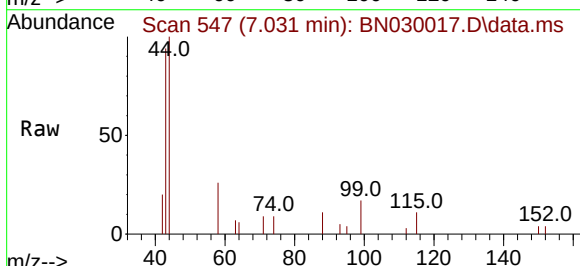
Tgt Ion: 99 Resp: 636

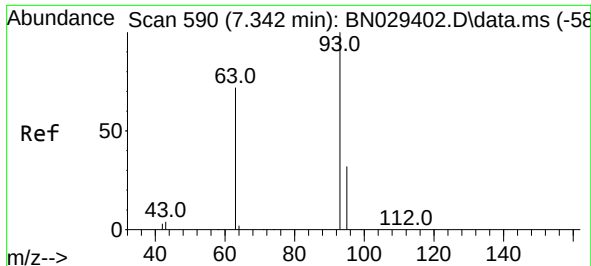
Ion Ratio Lower Upper

99 100

42 16.8 16.9 25.3#

71 45.1 30.0 45.0#

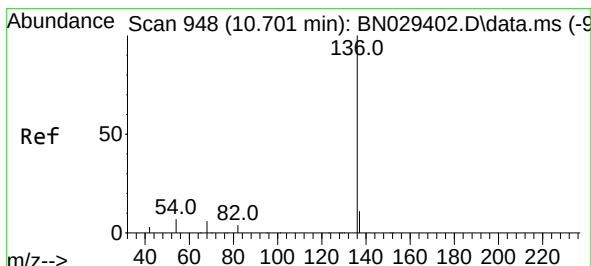
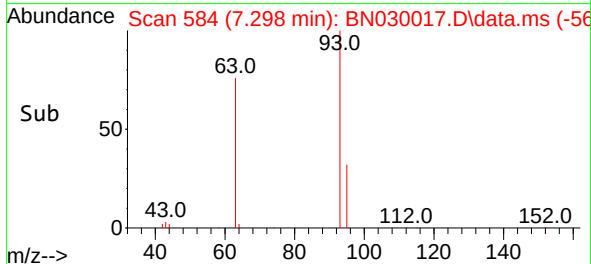
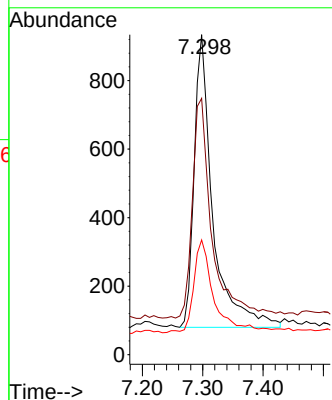
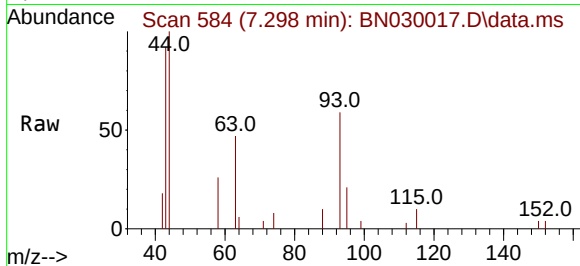




#6
bis(2-Chloroethyl)ether
Concen: 0.177 ng
RT: 7.298 min Scan# 590
Delta R.T. 0.007 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

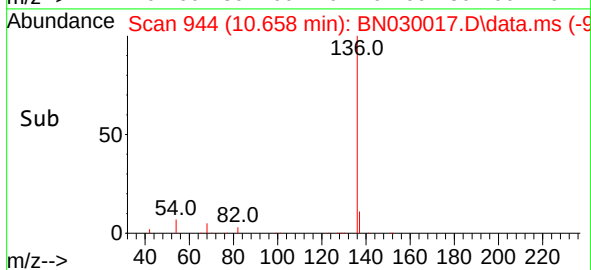
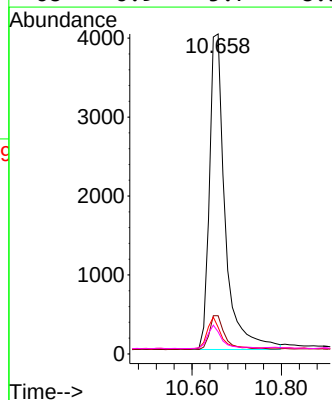
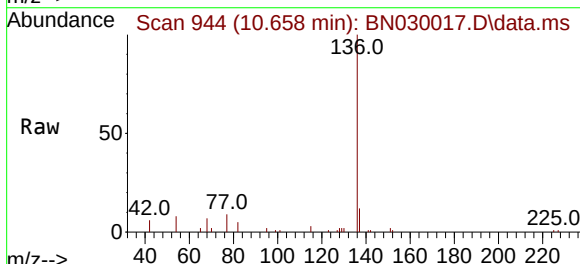
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

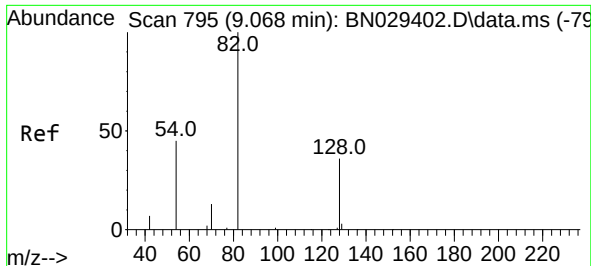
Tgt Ion: 93 Resp: 1832
Ion Ratio Lower Upper
93 100
63 80.9 63.1 94.7
95 35.0 27.1 40.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

Tgt Ion: 136 Resp: 9737
Ion Ratio Lower Upper
136 100
137 11.9 9.7 14.5
54 8.3 6.6 10.0
68 6.9 5.7 8.5

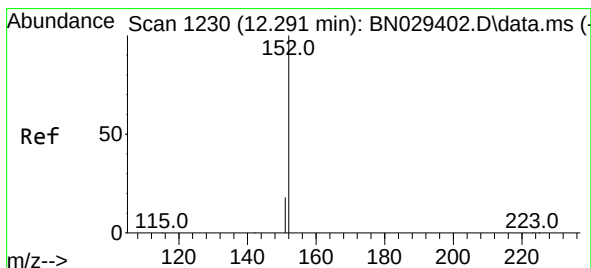
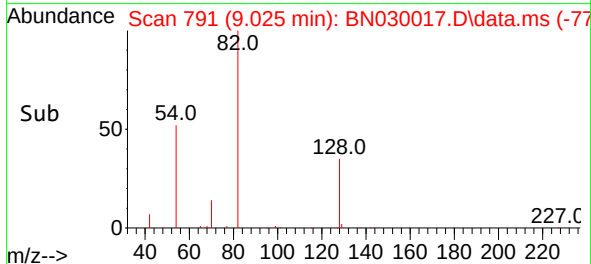
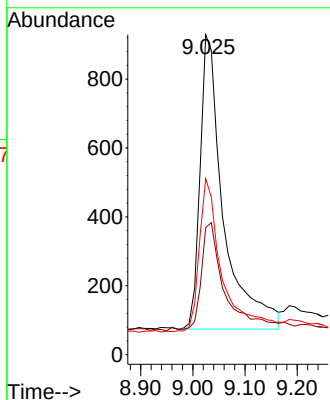
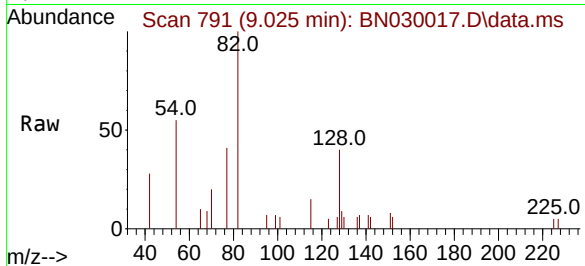




#8
 Nitrobenzene-d5
 Concen: 0.329 ng
 RT: 9.025 min Scan# 795
 Delta R.T. 0.011 min
 Lab File: BN030017.D
 Acq: 25 Feb 2024 07:07

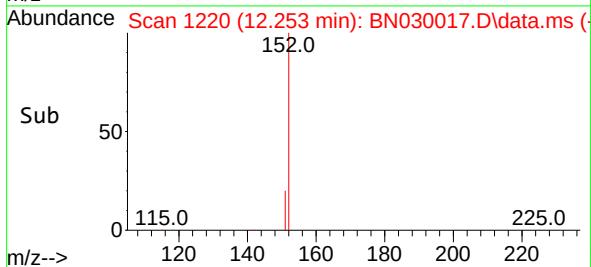
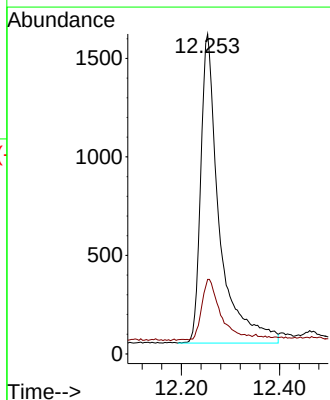
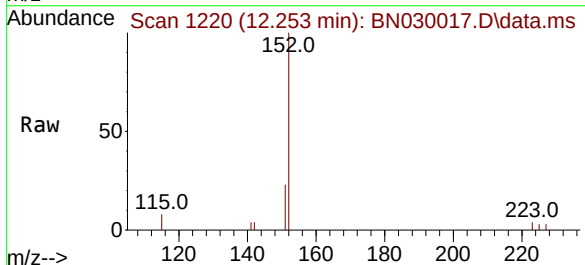
Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20240216

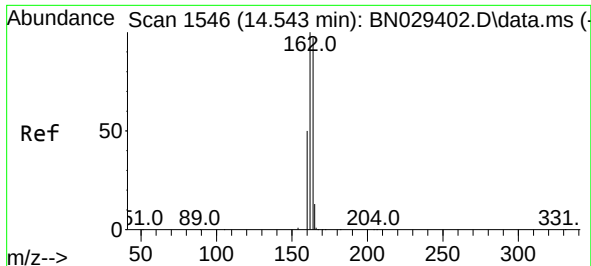
Tgt Ion:	82	Resp:	2668
Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.6	47.4
54	55.0	38.2	57.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.311 ng
 RT: 12.253 min Scan# 1220
 Delta R.T. 0.008 min
 Lab File: BN030017.D
 Acq: 25 Feb 2024 07:07

Tgt Ion:	152	Resp:	4123
Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.1	25.7

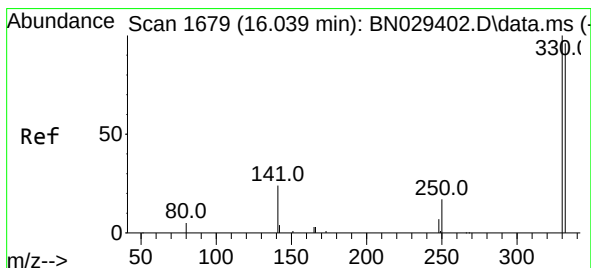
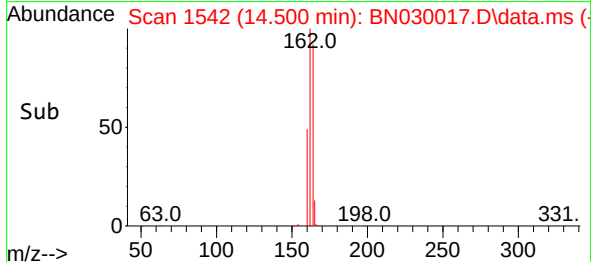
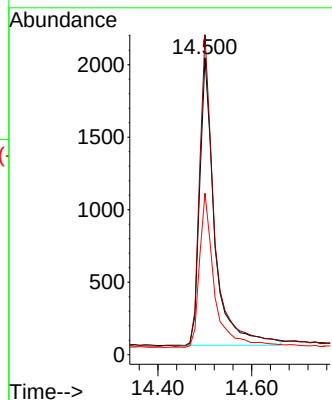
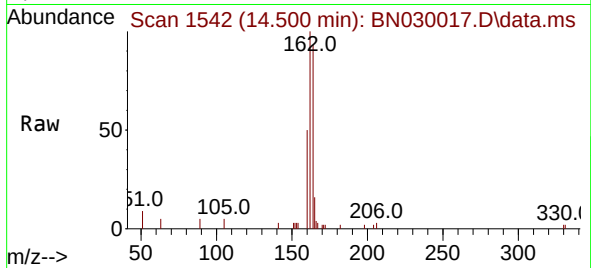




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

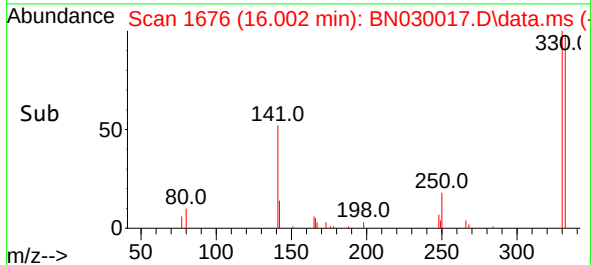
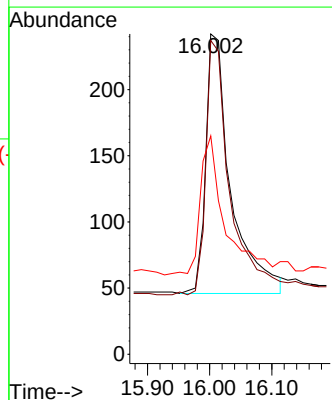
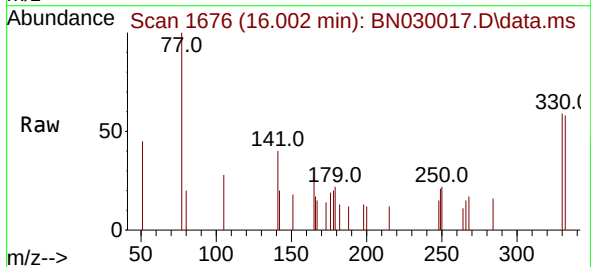
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

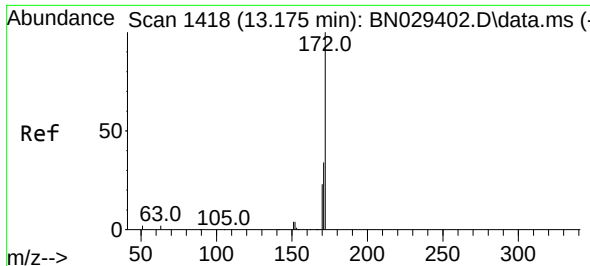
Tgt Ion:164 Resp: 4396
Ion Ratio Lower Upper
164 100
162 107.8 82.6 123.8
160 54.4 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.002 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

Tgt Ion:330 Resp: 554
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 50.0 43.4 65.2

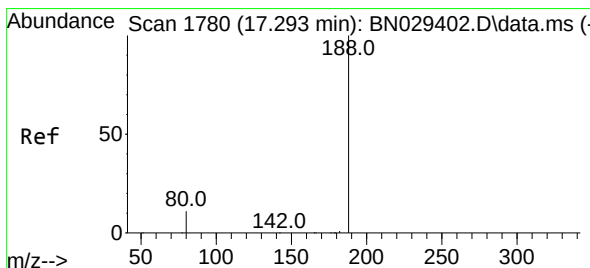
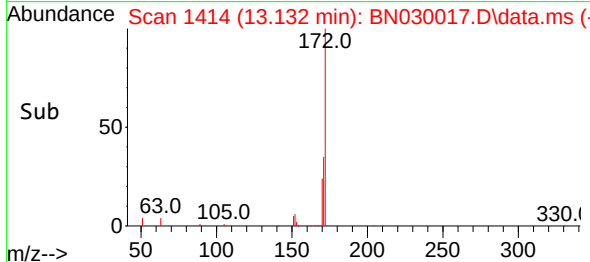
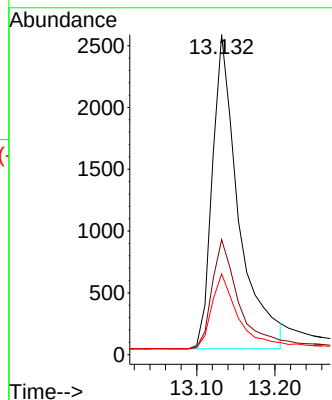
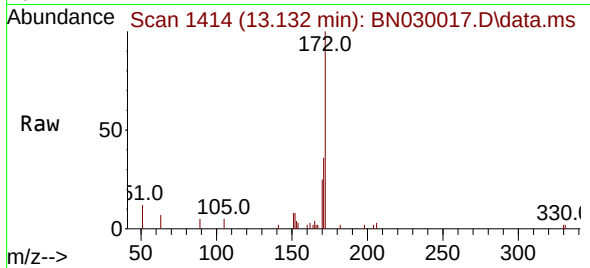




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

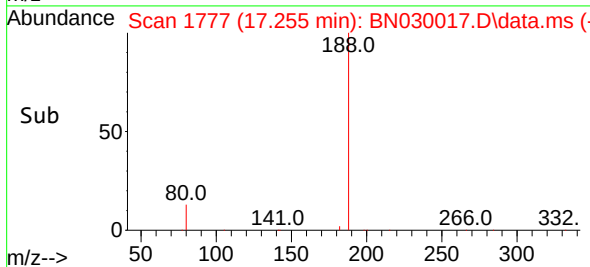
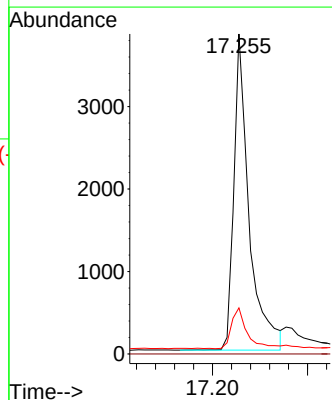
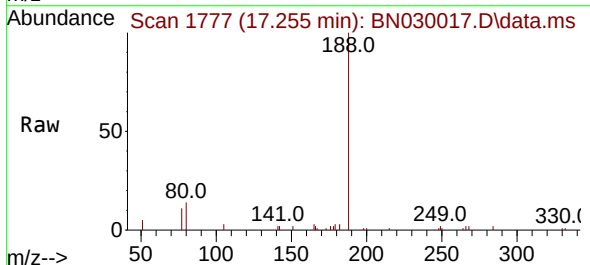
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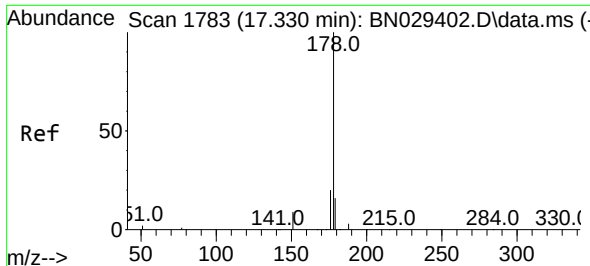
Tgt Ion:172 Resp: 5949
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 25.3 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

Tgt Ion:188 Resp: 8521
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 10.0 15.0

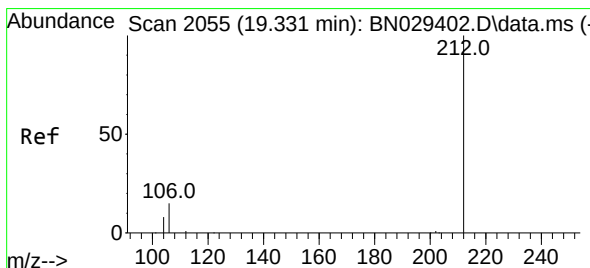
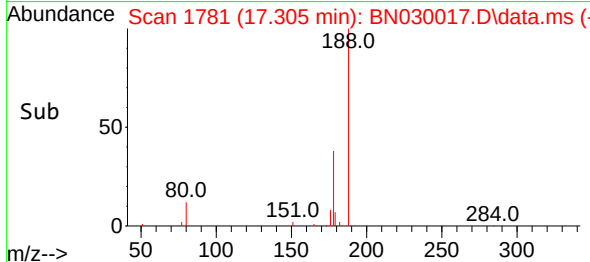
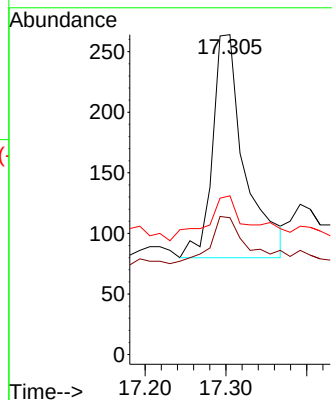
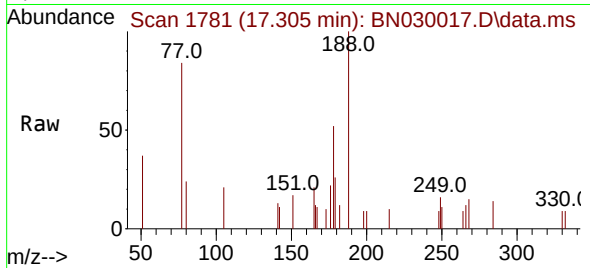




#25
Phenanthrene
Concen: 0.020 ng
RT: 17.305 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

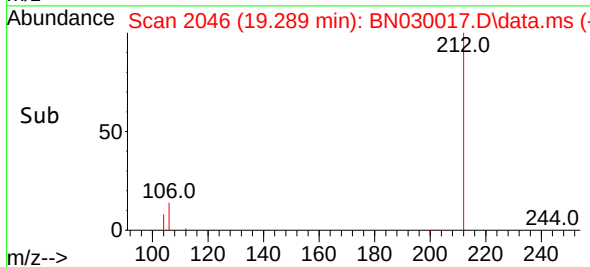
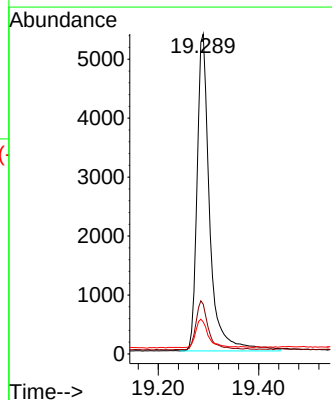
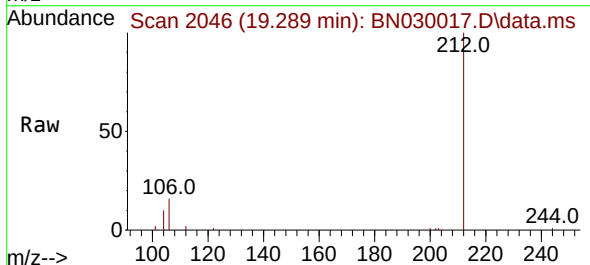
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

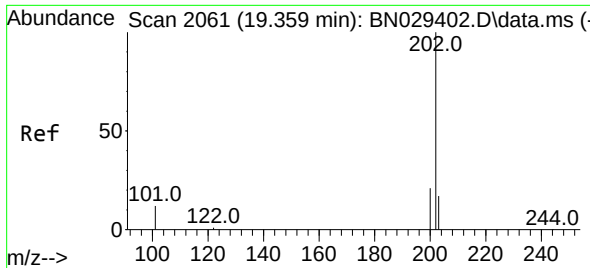
Tgt Ion:	178	Resp:	509
Ion Ratio	Lower	Upper	
178	100		
176	29.7	15.8	23.6#
179	27.3	12.6	19.0#



#27
Fluoranthene-d10
Concen: 0.455 ng
RT: 19.289 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

Tgt Ion:	212	Resp:	9386
Ion Ratio	Lower	Upper	
212	100		
106	15.2	13.2	19.8
104	9.0	7.7	11.5

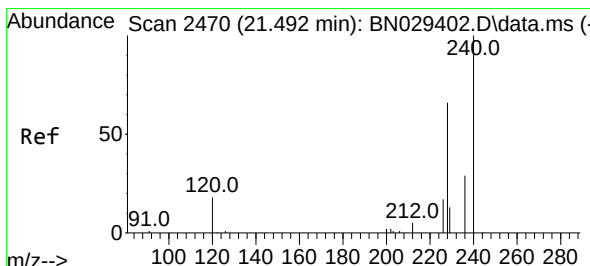
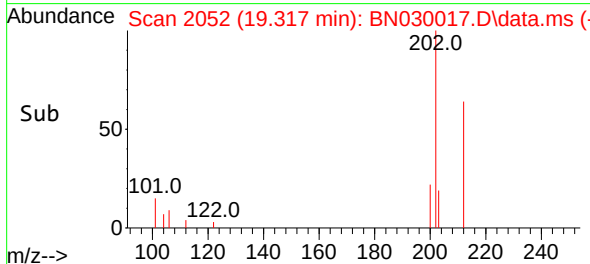
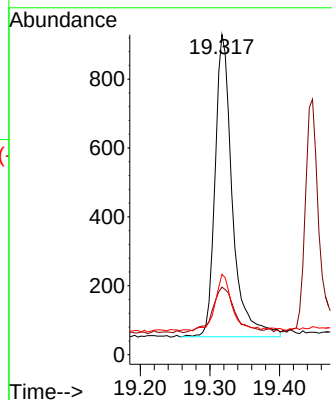
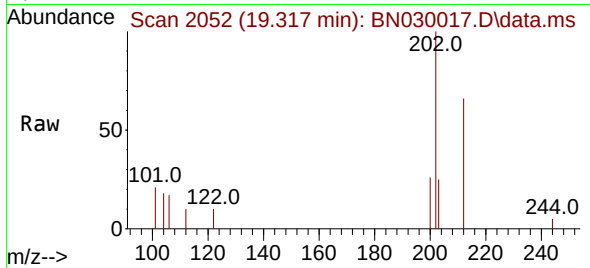




#28
Fluoranthene
Concen: 0.054 ng
RT: 19.317 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

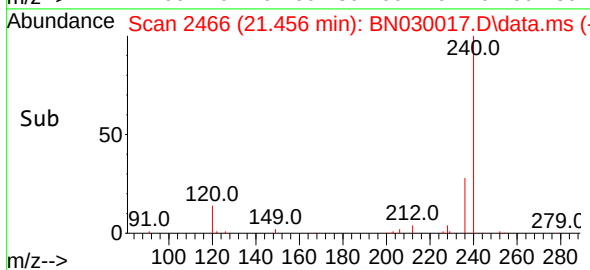
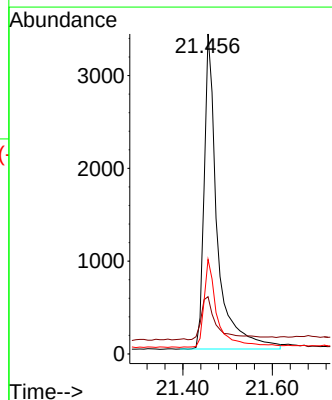
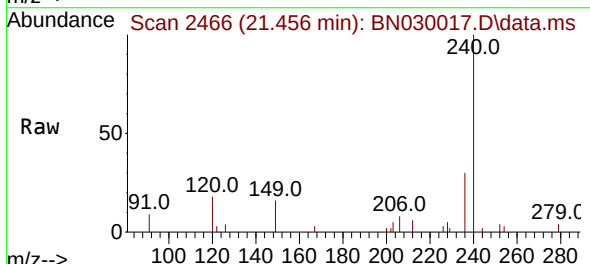
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

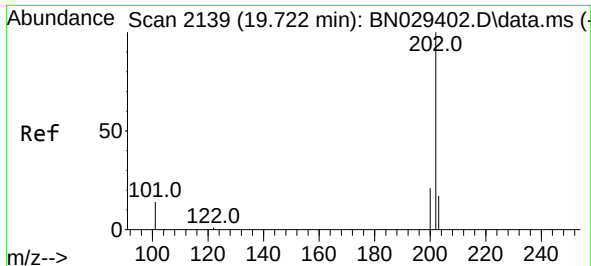
Tgt Ion:202 Resp: 1517
Ion Ratio Lower Upper
202 100
101 19.4 10.5 15.7#
203 18.3 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

Tgt Ion:240 Resp: 6957
Ion Ratio Lower Upper
240 100
120 17.9 16.7 25.1
236 29.5 23.9 35.9

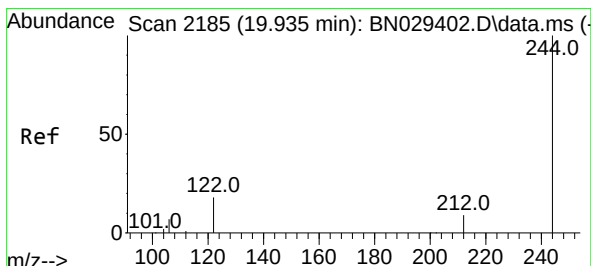
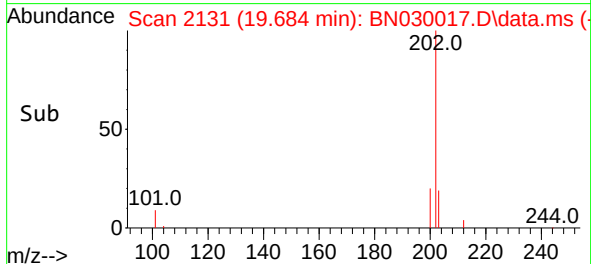
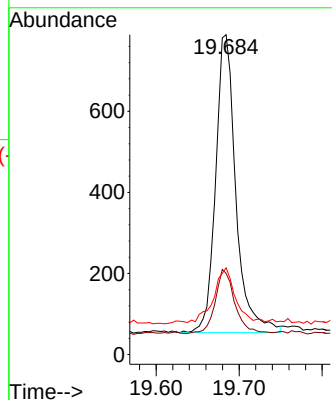
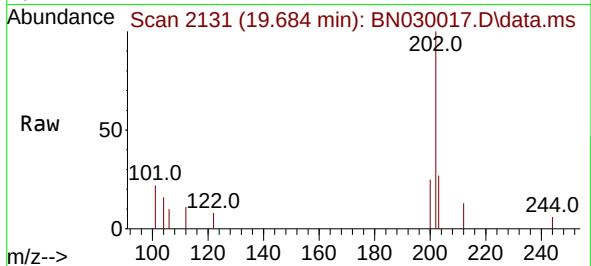




#30
Pyrene
Concen: 0.039 ng
RT: 19.684 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

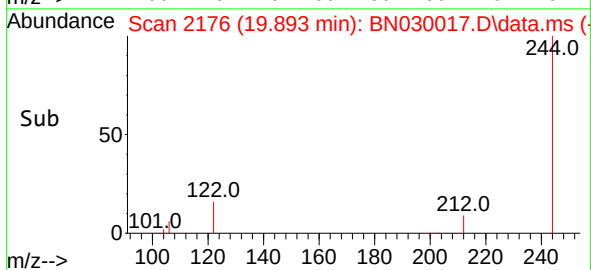
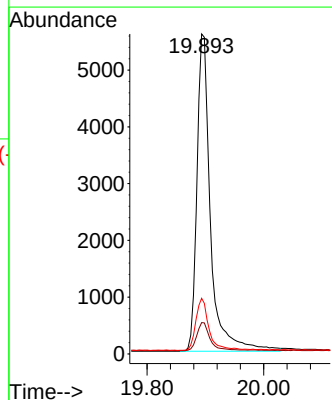
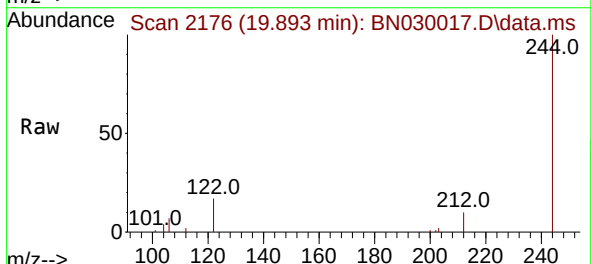
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

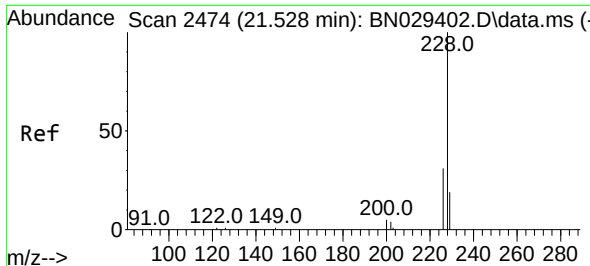
Tgt Ion:202 Resp: 1246
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 19.7 14.2 21.4



#31
Terphenyl-d14
Concen: 0.524 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

Tgt Ion:244 Resp: 9051
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.4
122 17.4 15.6 23.4





#33

Chrysene

Concen: 0.020 ng

RT: 21.492 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240216

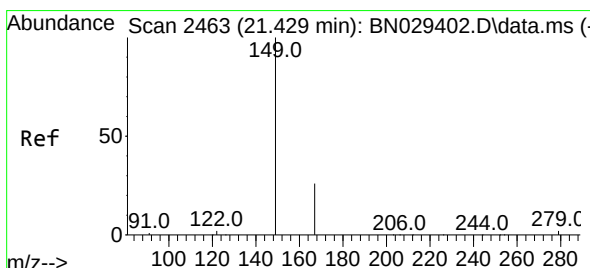
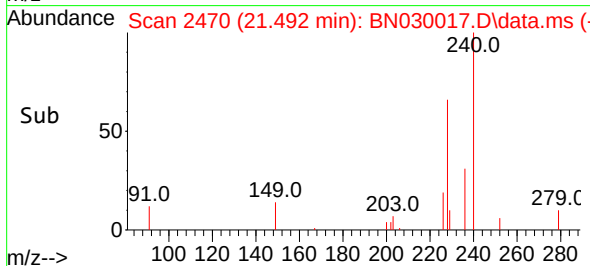
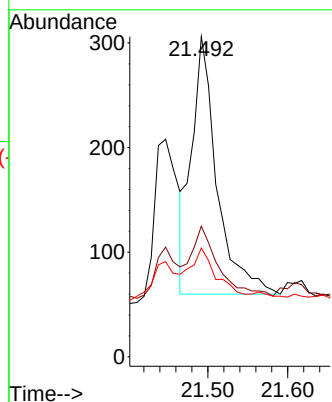
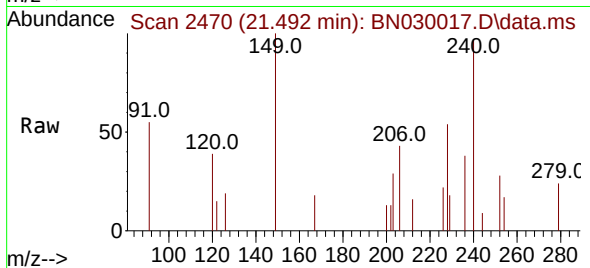
Tgt Ion:228 Resp: 541

Ion Ratio Lower Upper

228 100

226 40.8 24.9 37.3#

229 34.0 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.384 min Scan# 2458

Delta R.T. 0.000 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

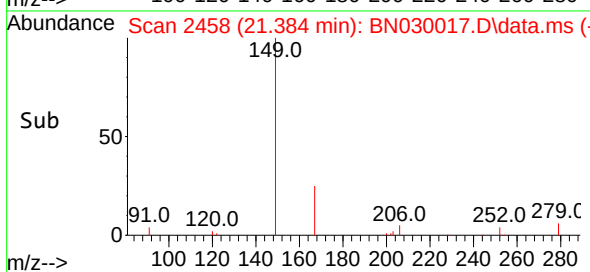
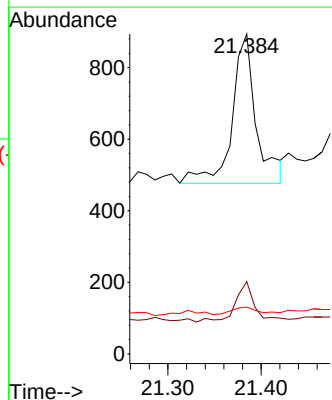
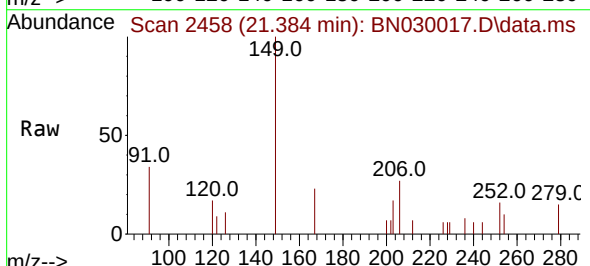
Tgt Ion:149 Resp: 749

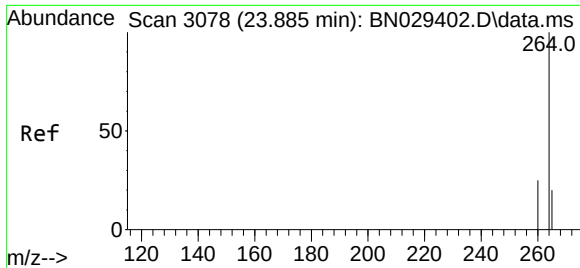
Ion Ratio Lower Upper

149 100

167 22.4 20.1 30.1

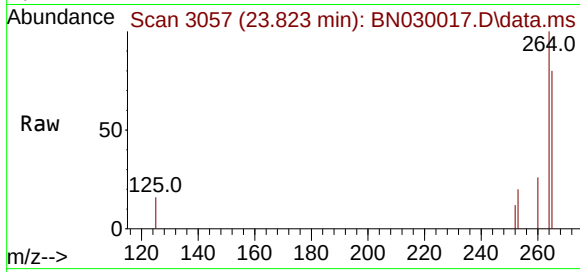
279 5.7 2.5 3.7#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.823 min Scan# 30
Delta R.T. 0.003 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216



Tgt Ion:264 Resp: 6446

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	79.7	41.5	62.3

