

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)

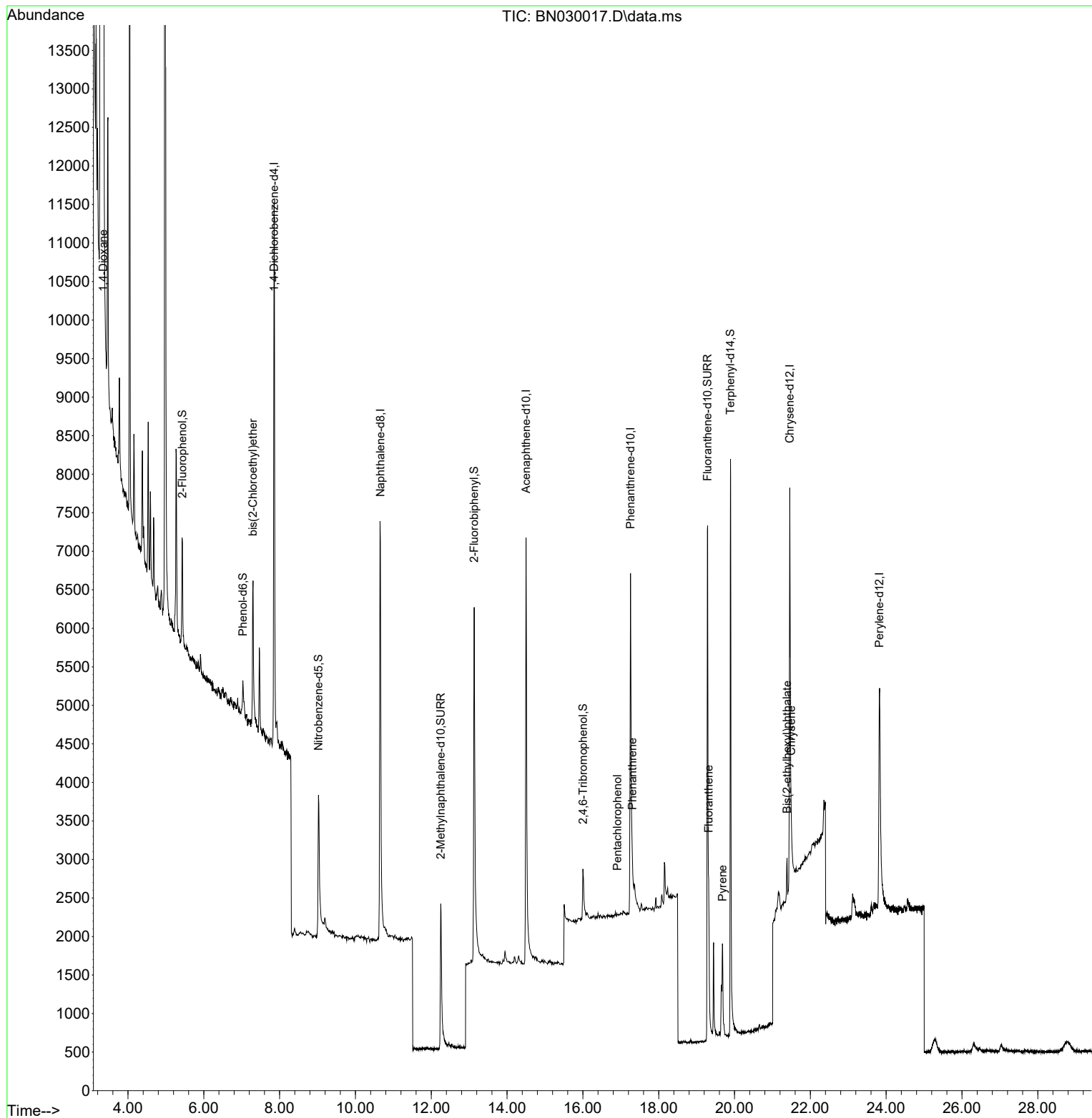
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3906	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9737	0.400	ng	0.01
13) Acenaphthene-d10	14.500	164	4396	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	8521	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6957	0.400	ng	0.00
35) Perylene-d12	23.823	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
24) Pentachlorophenol	16.908	266	41	0.021	ng	# 58
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

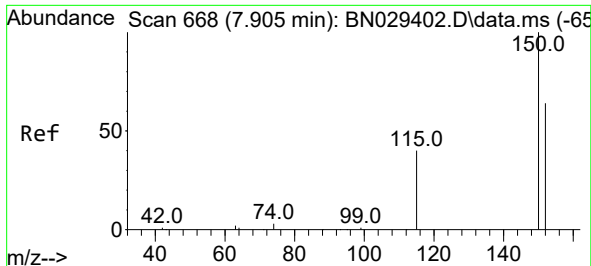
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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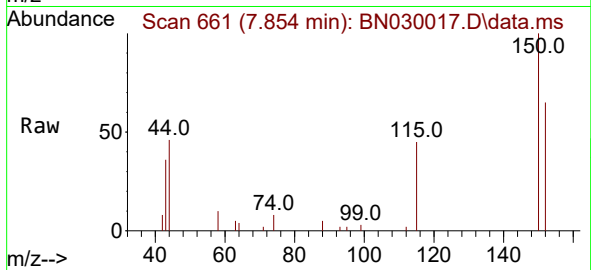
Quant Time: Feb 26 02:48:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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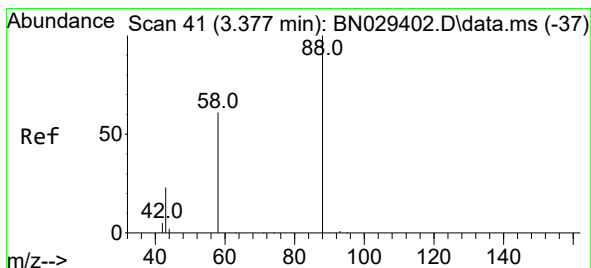
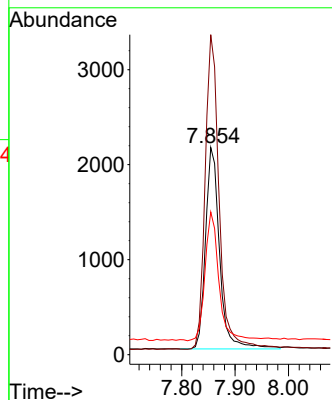
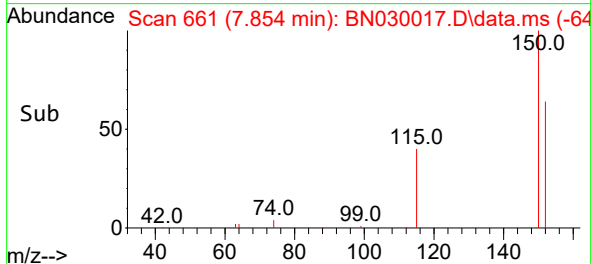


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BN030017.D
 Acq: 25 Feb 2024 07:07

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20240216

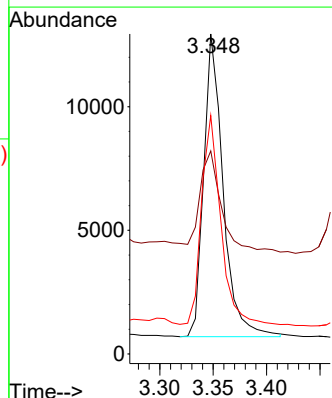
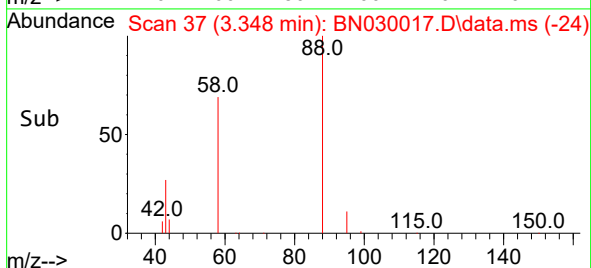
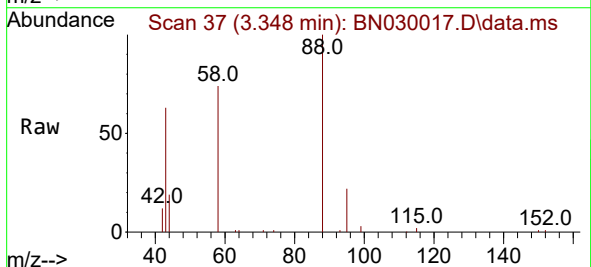


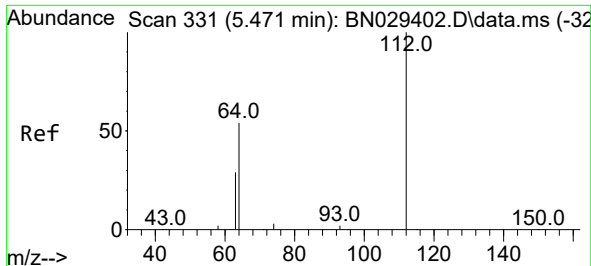
Tgt Ion:152 Resp: 3906
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.4
 115 68.9 51.4 77.0



#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

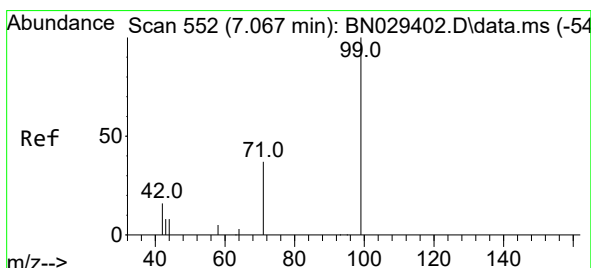
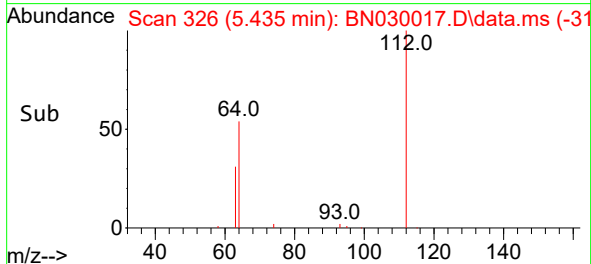
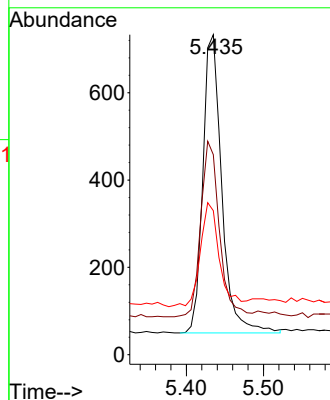
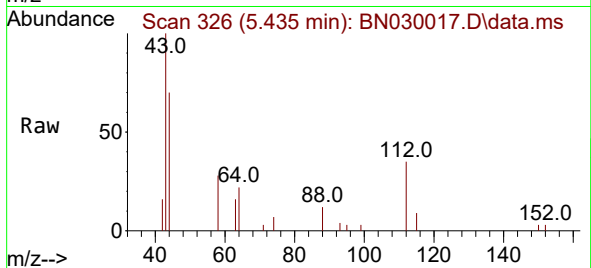




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.435 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

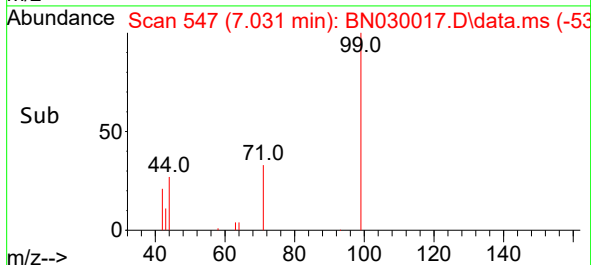
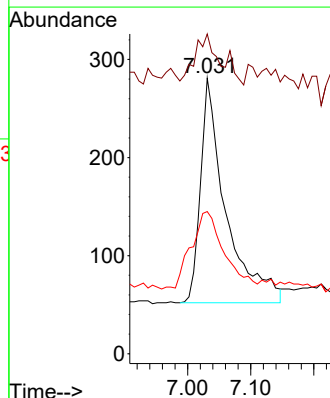
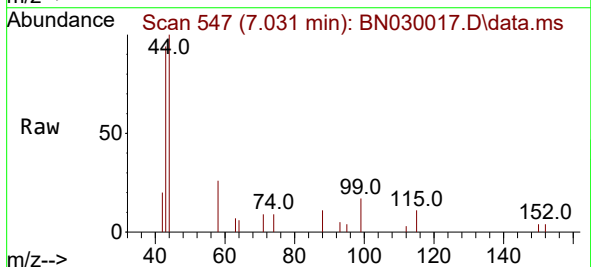
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

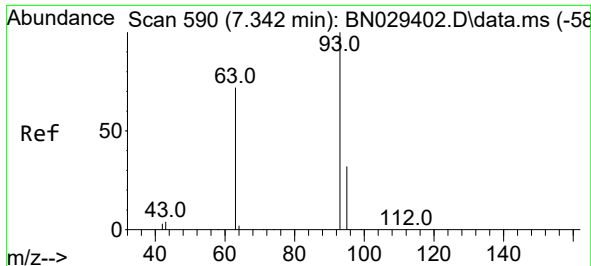
Tgt Ion:112 Resp: 1162
Ion Ratio Lower Upper
112 100
64 57.7 47.2 70.8
63 35.3 25.8 38.6



#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#

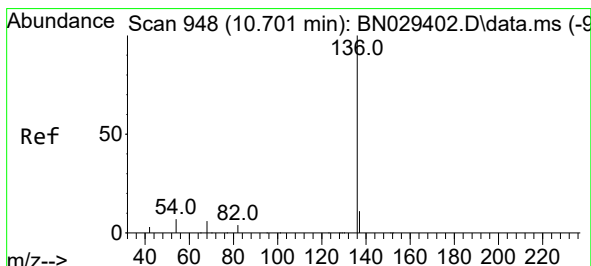
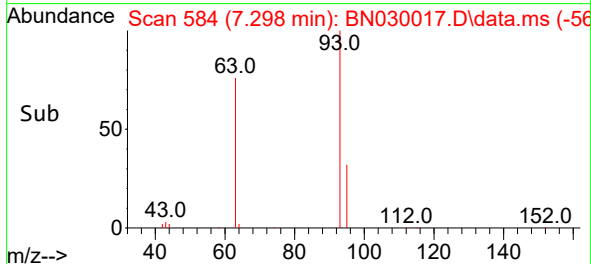
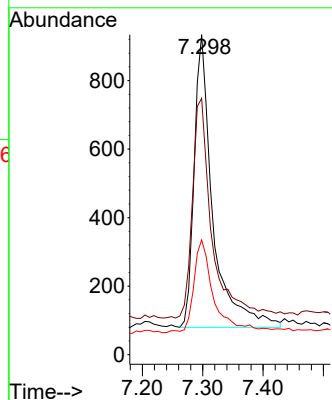
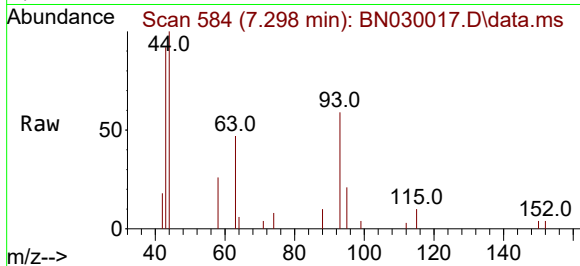




#6
bis(2-Chloroethyl)ether
Concen: 0.177 ng
RT: 7.298 min Scan# 590
Delta R.T. 0.007 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

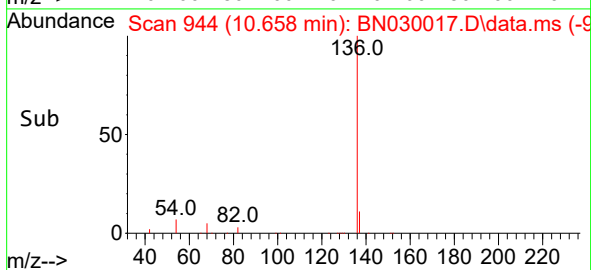
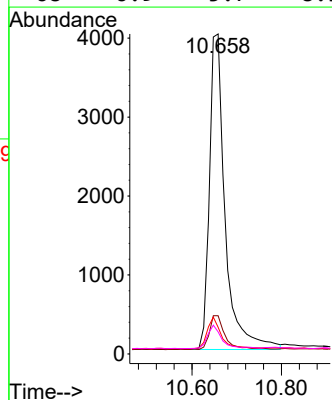
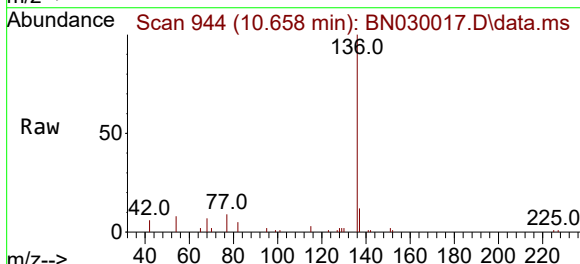
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

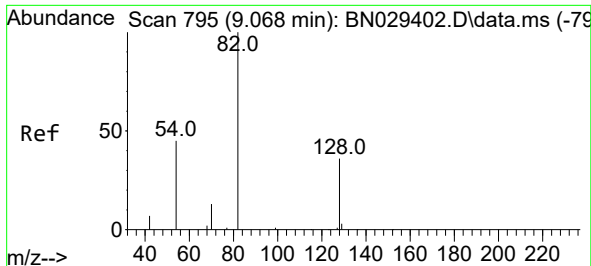
Tgt Ion:	93	Resp:	1832
Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.1	94.7
95	35.0	27.1	40.7



#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

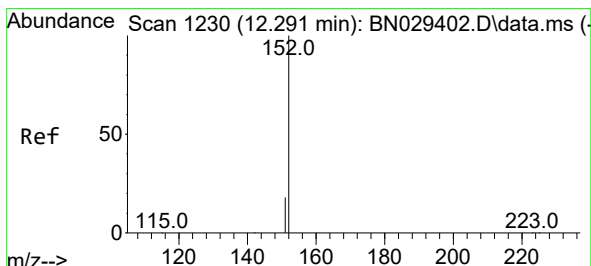
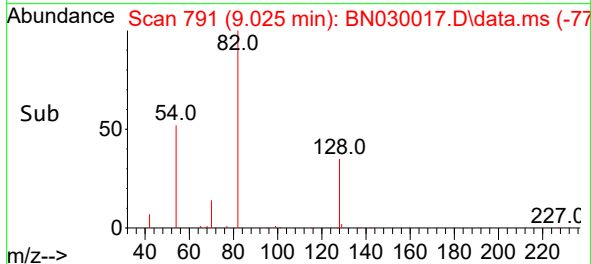
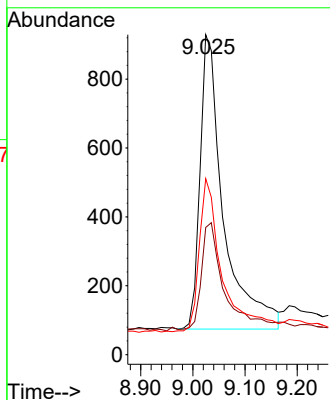
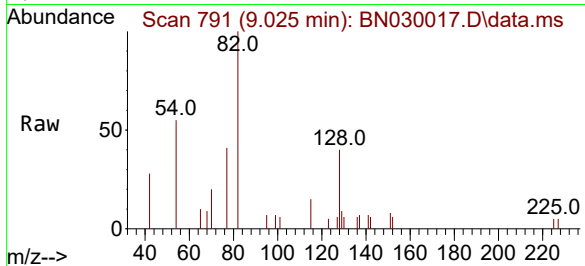




#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 9.025 min Scan# 795
Delta R.T. 0.011 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

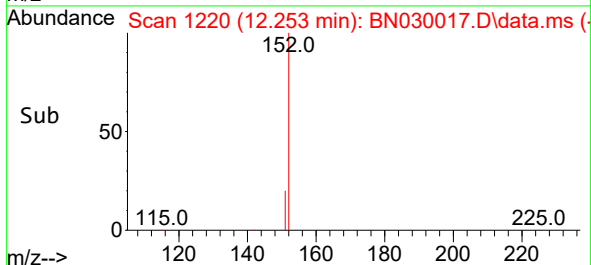
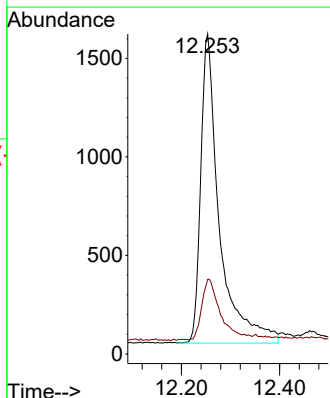
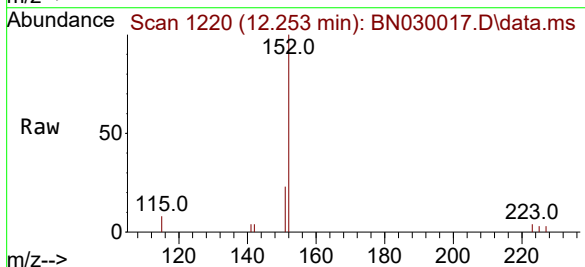
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

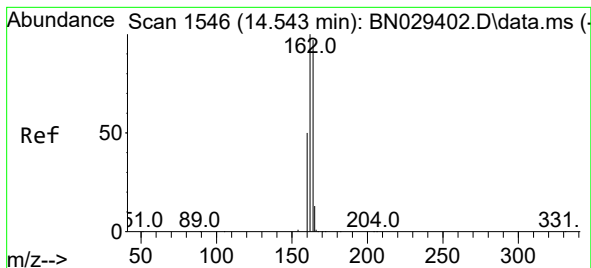
Tgt Ion:	82	Resp:	2668
Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.6	47.4
54	55.0	38.2	57.4



#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# 1

Delta R.T. 0.011 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240216

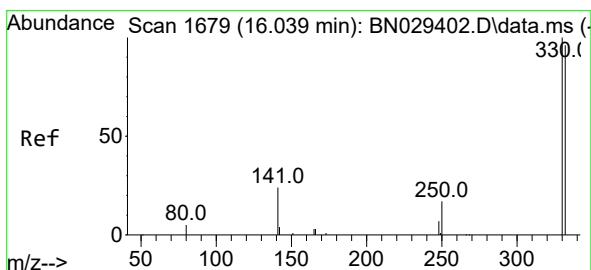
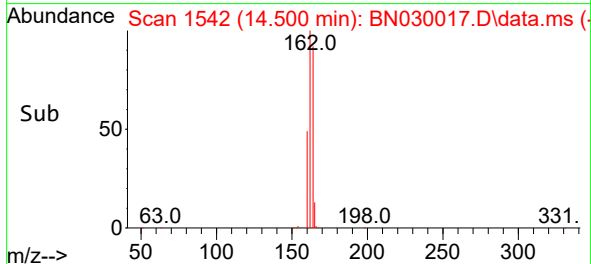
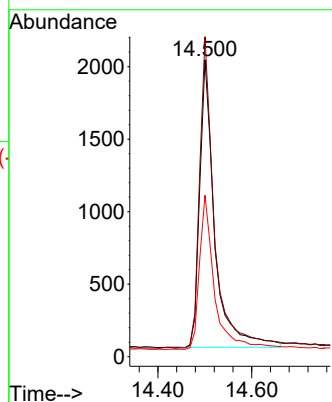
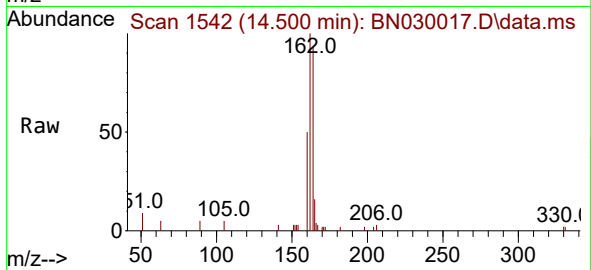
Tgt Ion:164 Resp: 4396

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

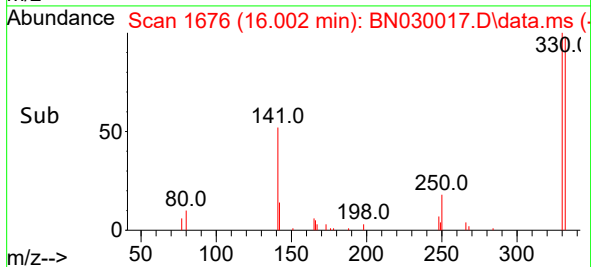
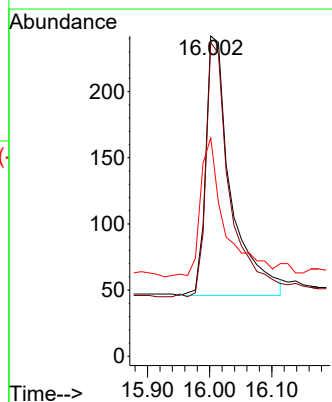
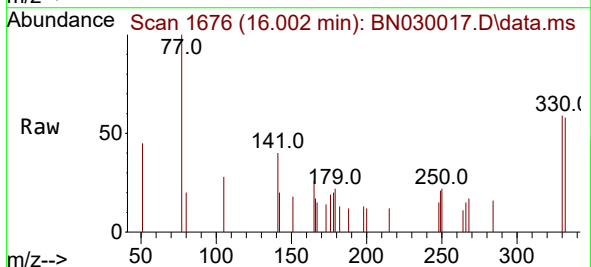
Tgt Ion:330 Resp: 554

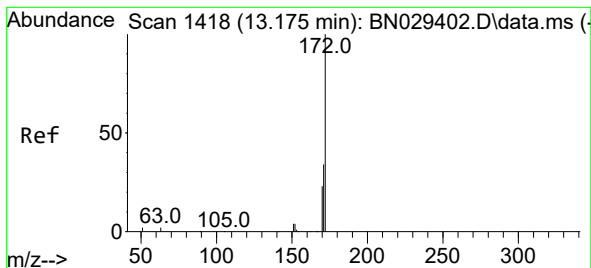
Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 50.0 43.4 65.2

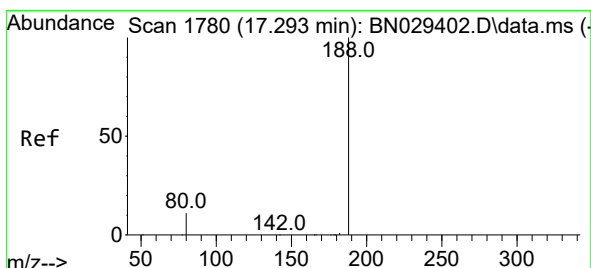
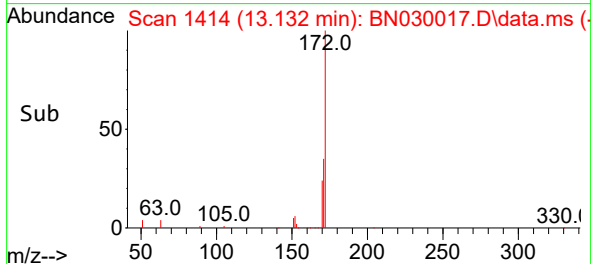
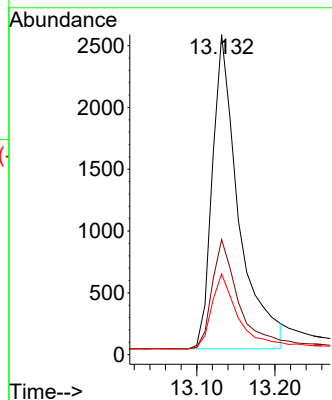
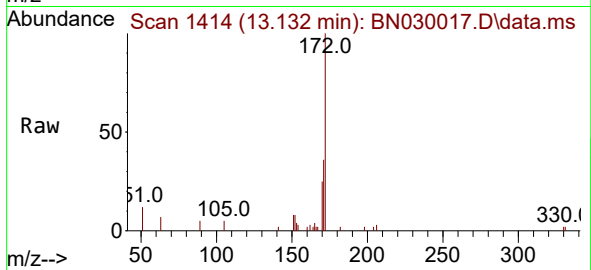




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

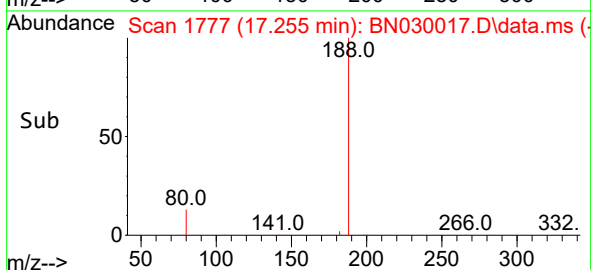
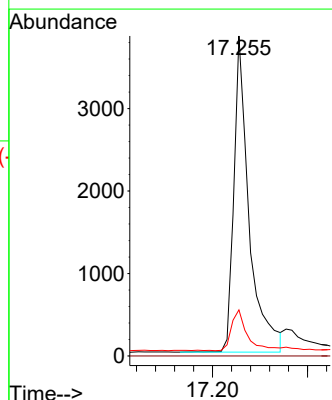
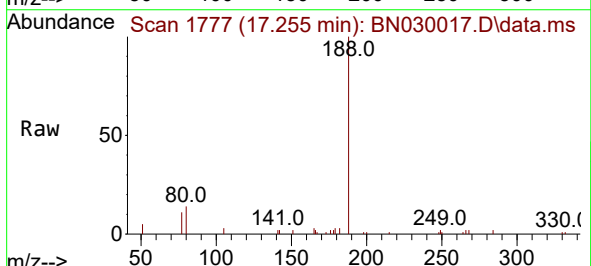
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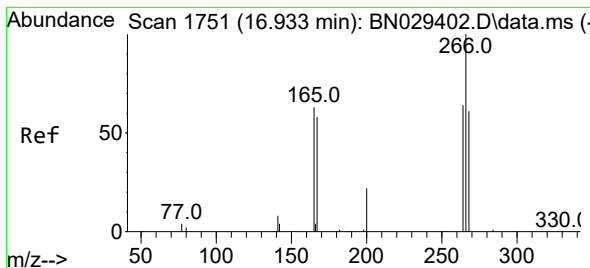
Tgt Ion:172 Resp: 5949
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 25.3 18.7 28.1



#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





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.908 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240216

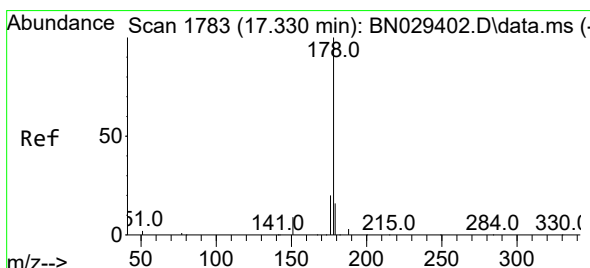
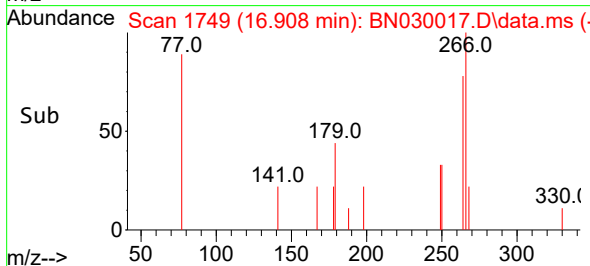
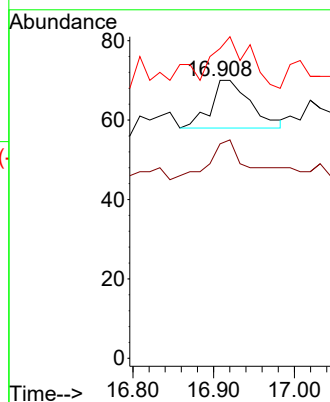
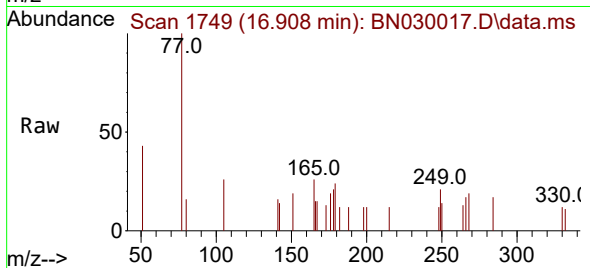
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

264 68.3 50.8 76.2

268 124.4 51.5 77.3#



#25

Phenanthrene

Concen: 0.020 ng

RT: 17.305 min Scan# 1781

Delta R.T. 0.012 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

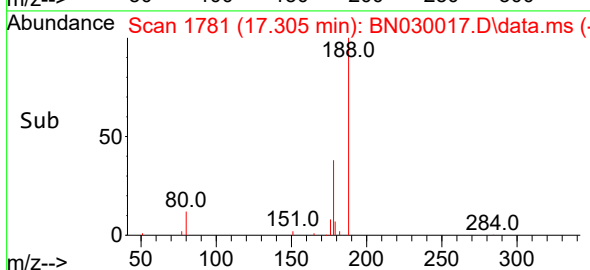
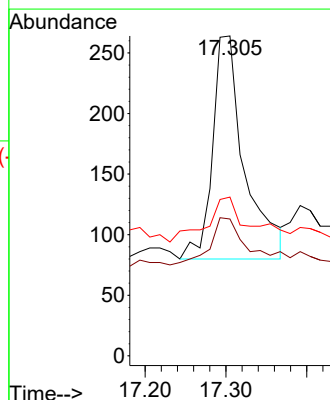
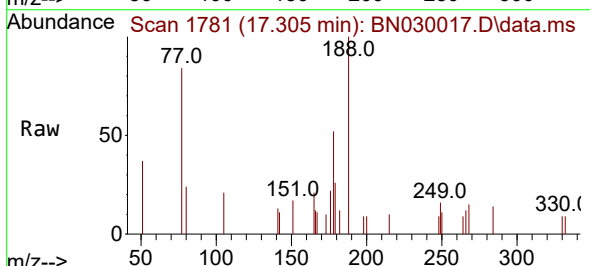
Tgt Ion:178 Resp: 509

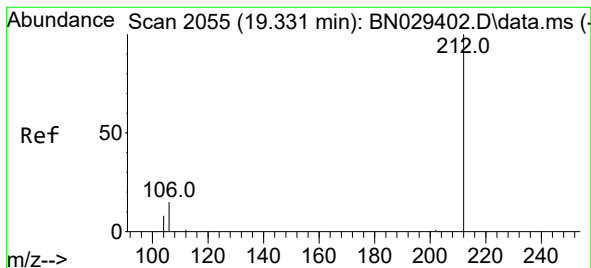
Ion Ratio Lower Upper

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

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240216

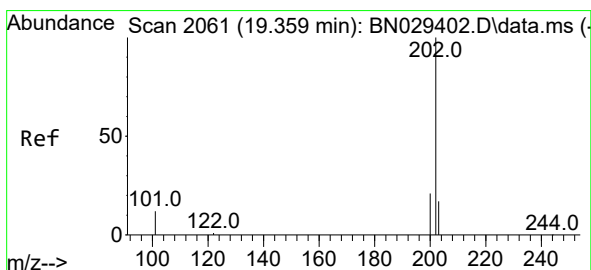
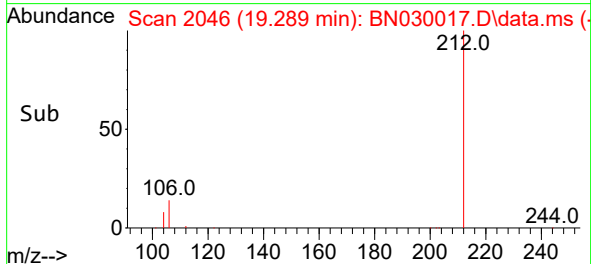
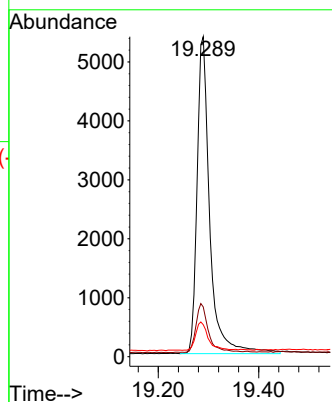
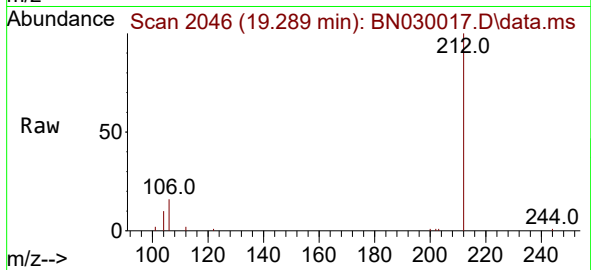
Tgt Ion:212 Resp: 9386

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# 2052

Delta R.T. 0.000 min

Lab File: BN030017.D

Acq: 25 Feb 2024 07:07

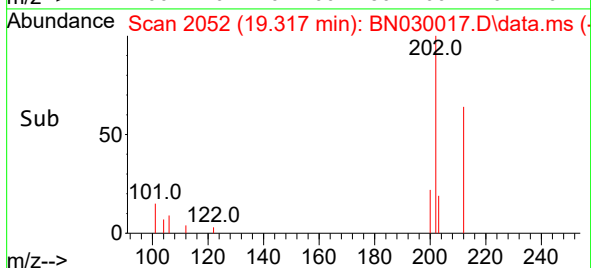
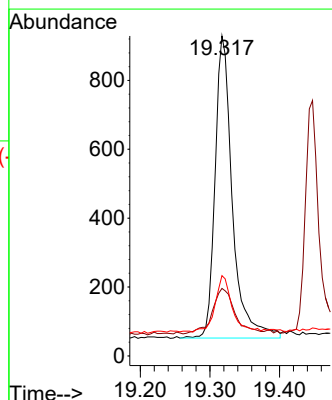
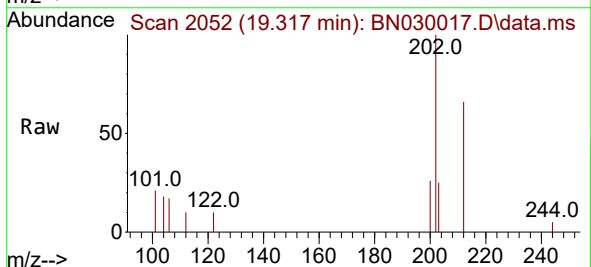
Tgt Ion:202 Resp: 1517

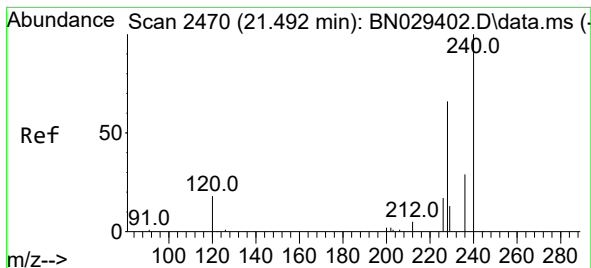
Ion Ratio Lower Upper

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

Instrument :

BNA_N

ClientSampleId :

RE104D2-20240216

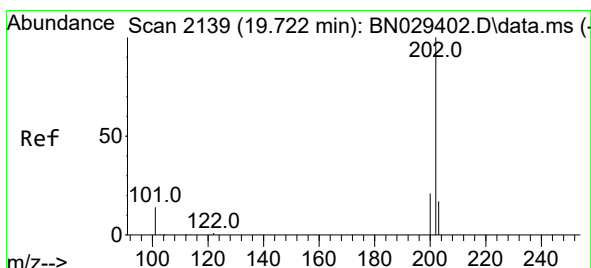
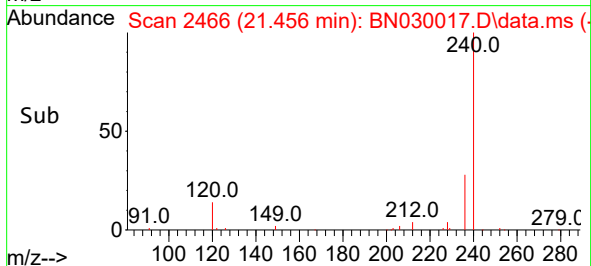
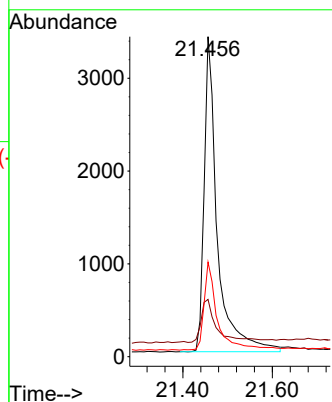
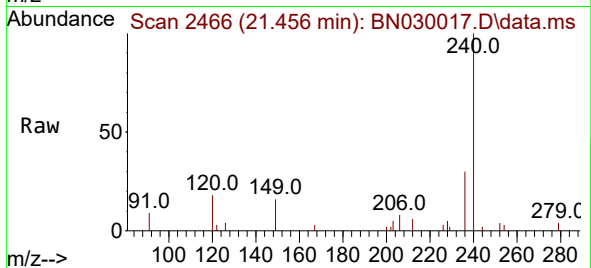
Tgt Ion:240 Resp: 6957

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

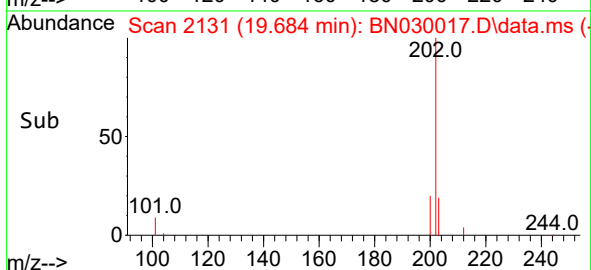
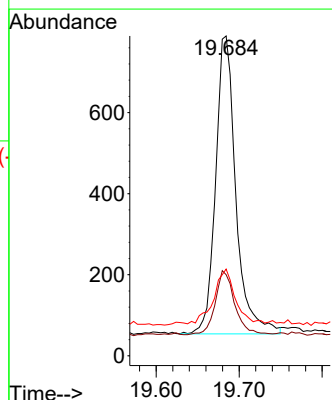
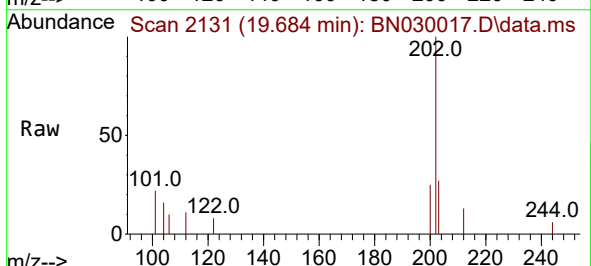
Tgt Ion:202 Resp: 1246

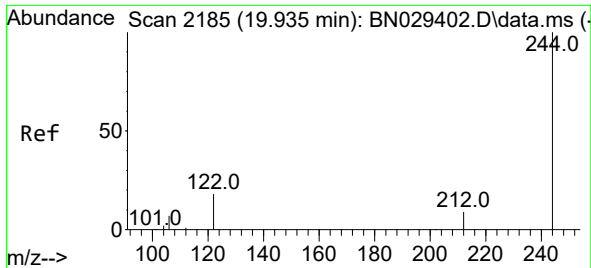
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 19.7 14.2 21.4

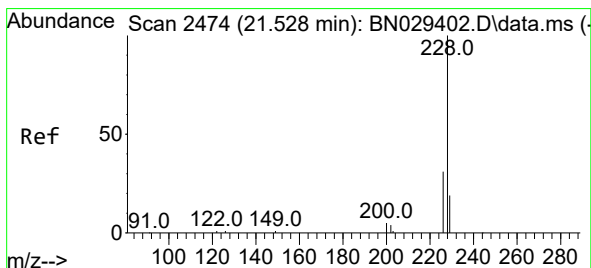
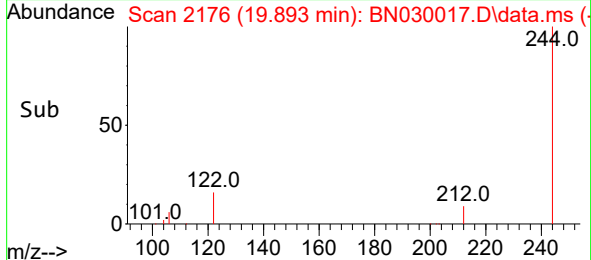
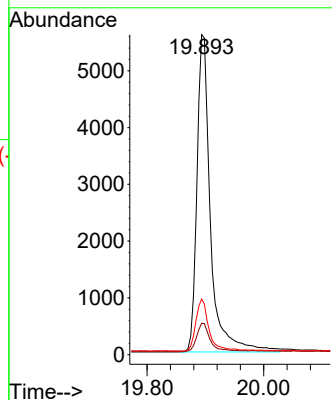
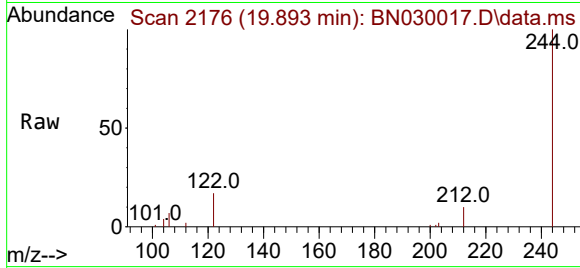




#31
Terphenyl-d14
Concen: 0.524 ng
RT: 19.893 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BN030017.D
Acq: 25 Feb 2024 07:07

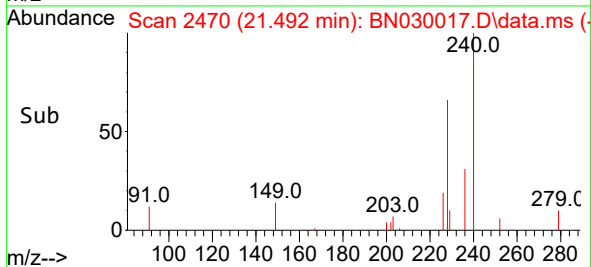
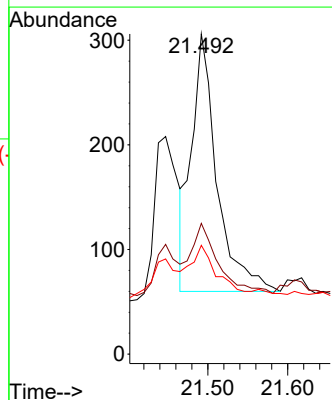
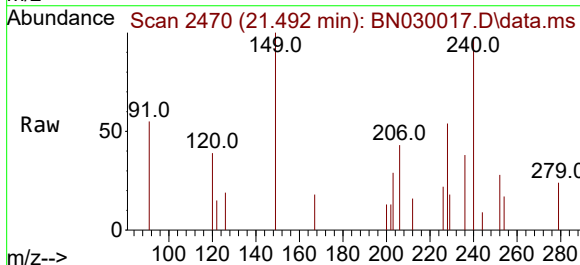
Instrument :
BNA_N
ClientSampleId :
RE104D2-20240216

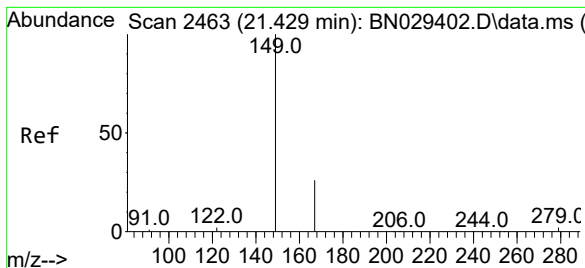
Tgt Ion:244 Resp: 9051
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.4
122 17.4 15.6 23.4



#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

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#

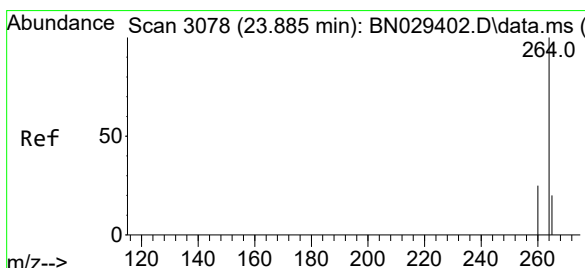
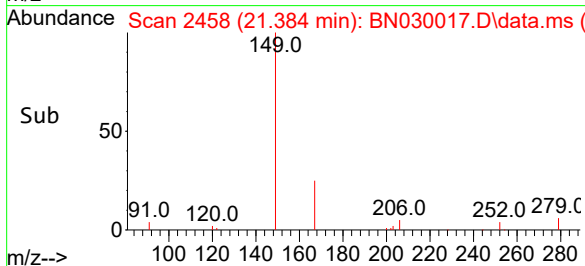
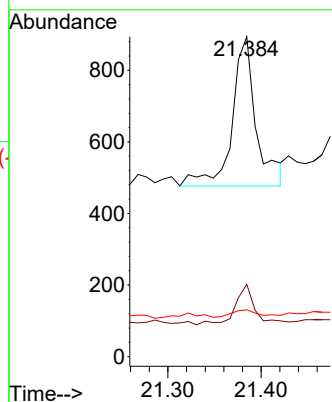
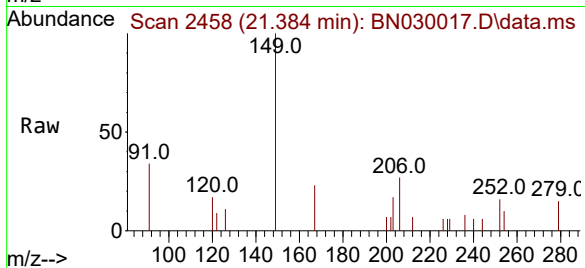




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN030017.D
 Acq: 25 Feb 2024 07:07

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20240216

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# 3057
 Delta R.T. 0.003 min
 Lab File: BN030017.D
 Acq: 25 Feb 2024 07:07

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#

