

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029090.D
 Acq On : 07 Dec 2023 13:02
 Operator : MA/JU
 Sample : 05425-10MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 O-5(5-10)MSD

Quant Time: Dec 07 13:34:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

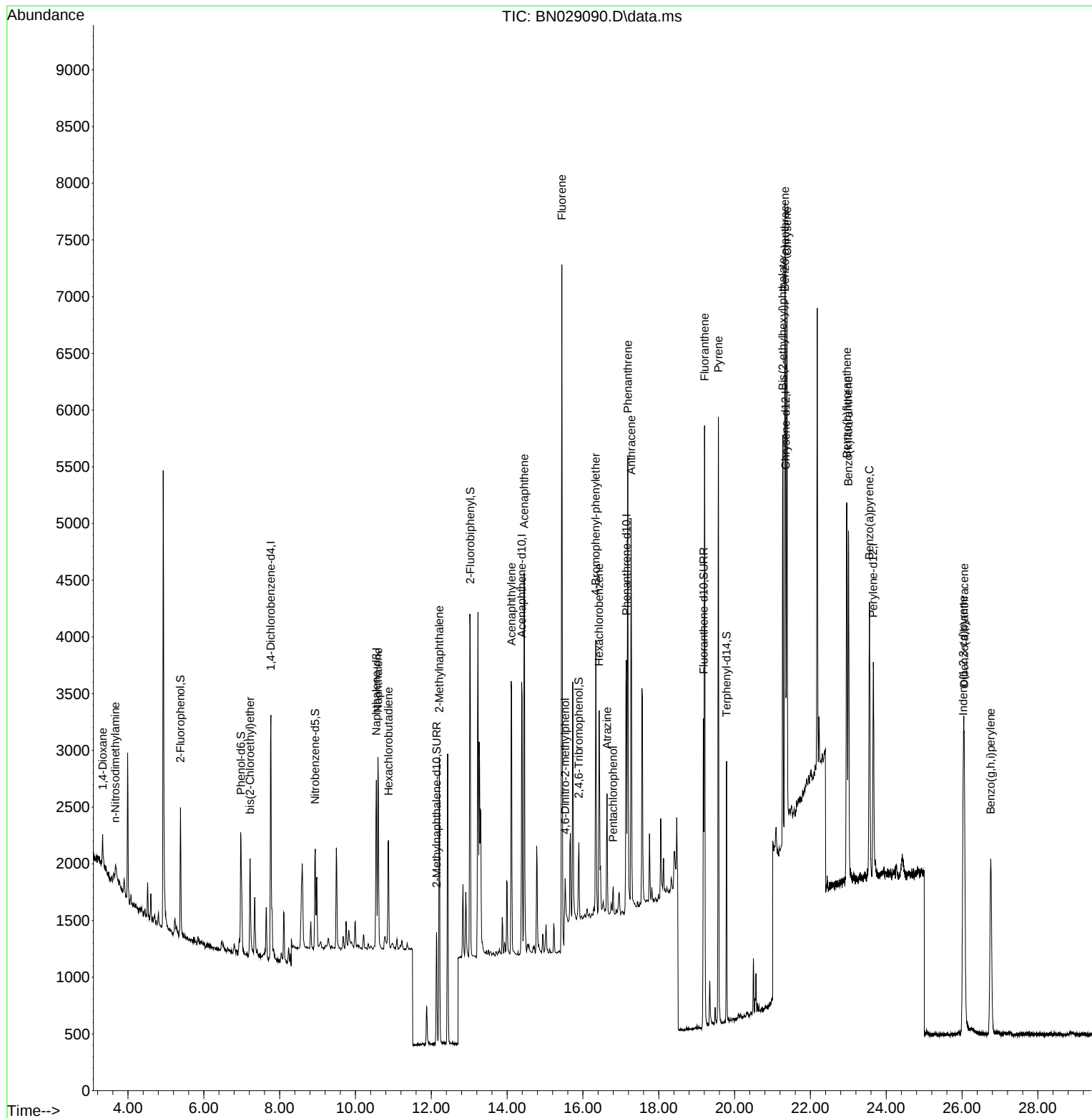
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1063	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2013	0.400	ng	-0.01
13) Acenaphthene-d10	14.386	164	1436	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	3488	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2286	0.400	ng	# 0.00
35) Perylene-d12	23.658	264	2526	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	858	0.357	ng	0.00
5) Phenol-d6	6.981	99	994	0.346	ng	0.00
8) Nitrobenzene-d5	8.939	82	858	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1360	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	422	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2848	0.383	ng	0.00
27) Fluoranthene-d10	19.181	212	3362	0.307	ng	0.00
31) Terphenyl-d14	19.789	244	2151	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	271	0.317	ng	# 60
3) n-Nitrosodimethylamine	3.666	42	146	0.281	ng	# 1
6) bis(2-Chloroethyl)ether	7.219	93	1029	0.506	ng	# 81
9) Naphthalene	10.594	128	2202	0.351	ng	97
10) Hexachlorobutadiene	10.872	225	783	0.283	ng	# 99
12) 2-Methylnaphthalene	12.212	142	1646	0.322	ng	100
16) Acenaphthylene	14.118	152	2832	0.358	ng	100
17) Acenaphthene	14.450	154	1701	0.343	ng	98
18) Fluorene	15.444	166	2402	0.304	ng	99
20) 4,6-Dinitro-2-methylph...	15.533	198	329	0.313	ng	# 76
21) 4-Bromophenyl-phenylether	16.340	248	1113	0.353	ng	# 87
22) Hexachlorobenzene	16.427	284	1146	0.319	ng	95
23) Atrazine	16.638	200	857	0.308	ng	98
24) Pentachlorophenol	16.799	266	151	0.077	ng	92
25) Phenanthrene	17.184	178	4053	0.348	ng	97
26) Anthracene	17.271	178	3732	0.332	ng	99
28) Fluoranthene	19.209	202	4973	0.311	ng	# 98
30) Pyrene	19.571	202	5016	0.354	ng	99
32) Benzo(a)anthracene	21.329	228	4173	0.360	ng	98
33) Chrysene	21.383	228	3974	0.348	ng	99
34) Bis(2-ethylhexyl)phtha...	21.275	149	3490	0.488	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.032	276	4650	0.361	ng	97
37) Benzo(b)fluoranthene	22.959	252	4690	0.346	ng	# 88
38) Benzo(k)fluoranthene	23.003	252	4178	0.329	ng	# 88
39) Benzo(a)pyrene	23.556	252	3797	0.338	ng	# 87
40) Dibenzo(a,h)anthracene	26.055	278	3635	0.366	ng	# 92
41) Benzo(g,h,i)perylene	26.757	276	3745	0.345	ng	# 94

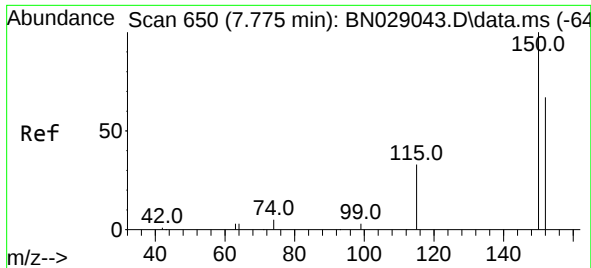
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029090.D
Acq On : 07 Dec 2023 13:02
Operator : MA/JU
Sample : 05425-10MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

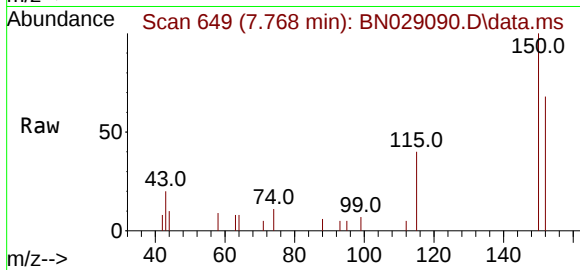
Quant Time: Dec 07 13:34:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration





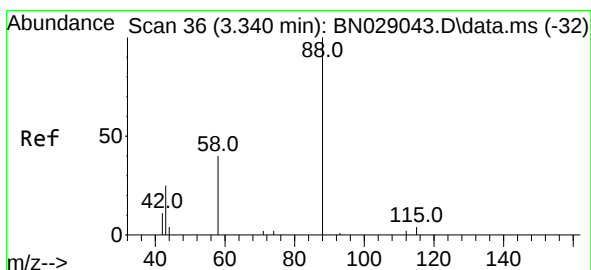
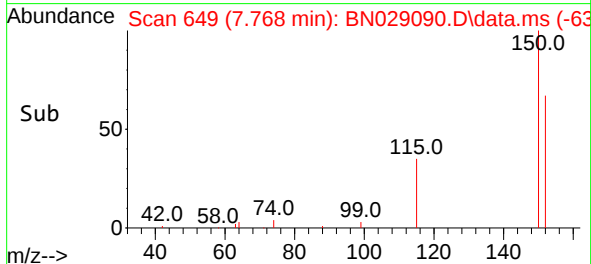
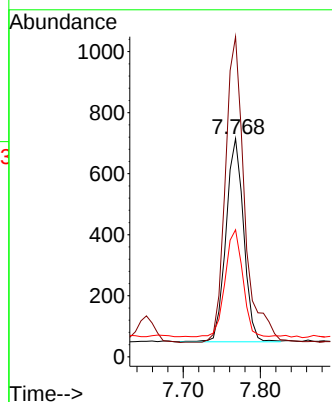
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029090.D
 Acq: 07 Dec 2023 13:02

Instrument :
 BNA_N
 ClientSampleId :
 O-5(5-10)MSD



Tgt Ion:152 Resp: 1063

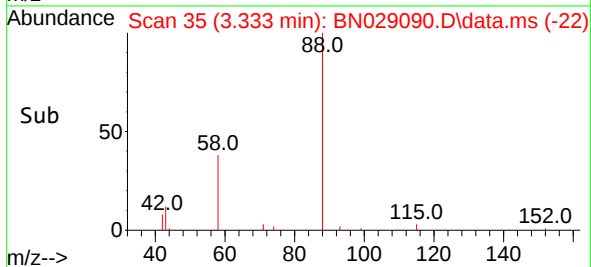
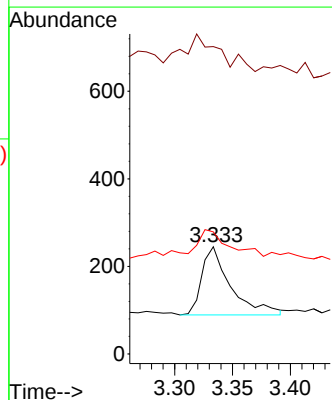
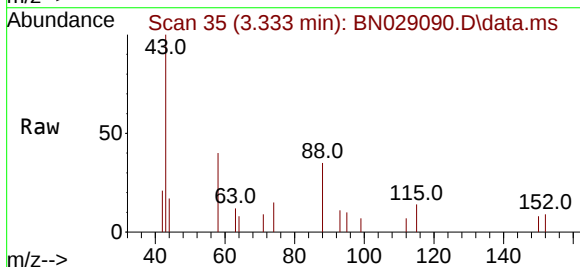
Ion	Ratio	Lower	Upper
152	100		
150	146.7	116.2	174.4
115	58.2	45.1	67.7

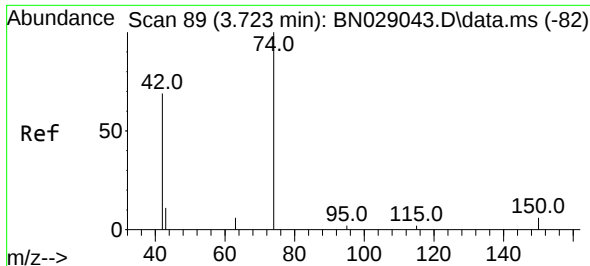


#2
 1,4-Dioxane
 Concen: 0.317 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN029090.D
 Acq: 07 Dec 2023 13:02

Tgt Ion: 88 Resp: 271

Ion	Ratio	Lower	Upper
88	100		
43	72.0	15.6	23.4
58	38.7	33.2	49.8

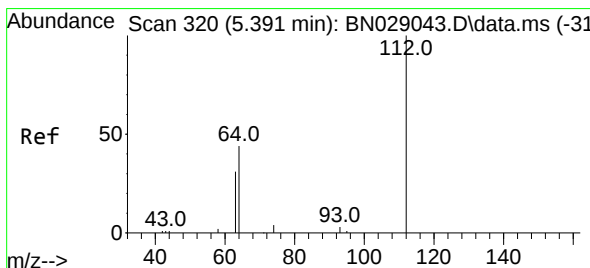
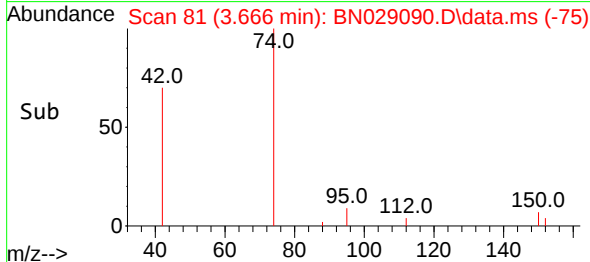
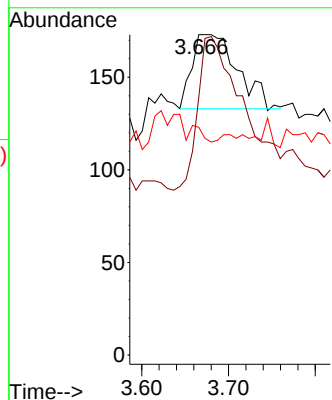
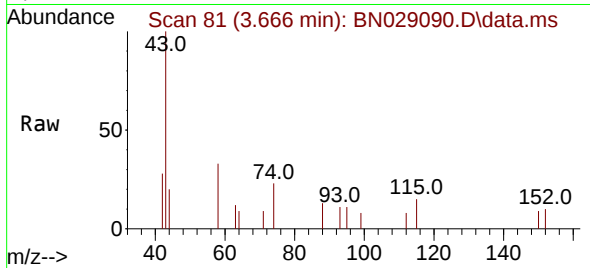




#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.666 min Scan# 81
Delta R.T. -0.057 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

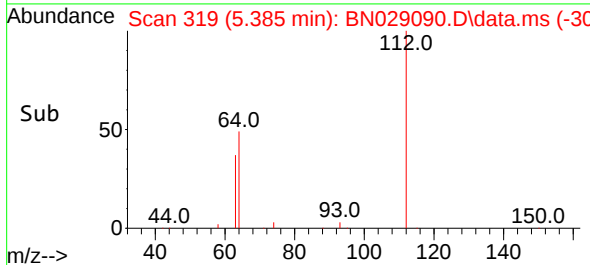
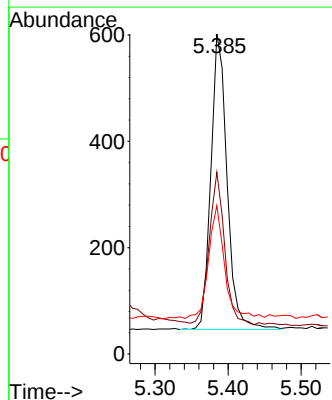
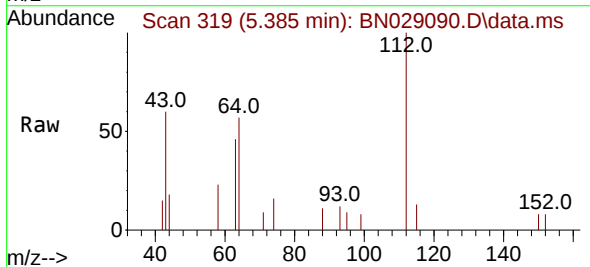
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

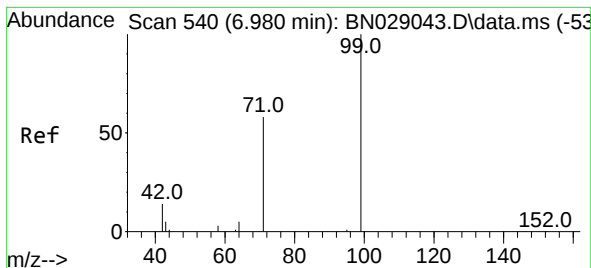
Tgt Ion: 42 Resp: 146
Ion Ratio Lower Upper
42 100
74 0.0 106.3 159.5#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.385 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion: 112 Resp: 858
Ion Ratio Lower Upper
112 100
64 49.1 37.0 55.6
63 38.6 29.0 43.6





#5

Phenol-d6

Concen: 0.346 ng

RT: 6.981 min Scan# 540

Delta R.T. 0.000 min

Lab File: BN029090.D

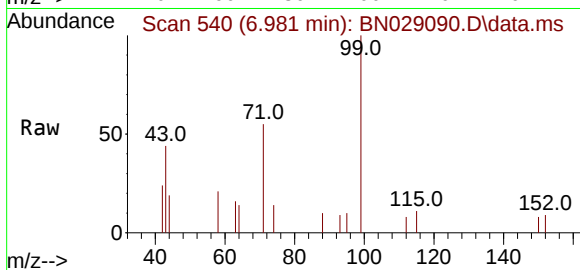
Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD



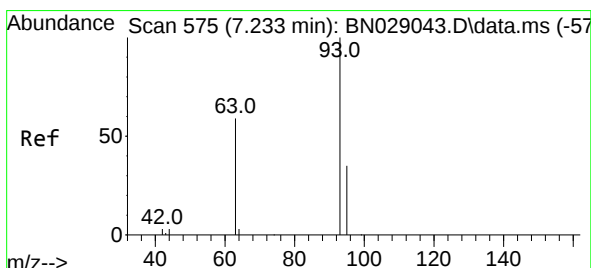
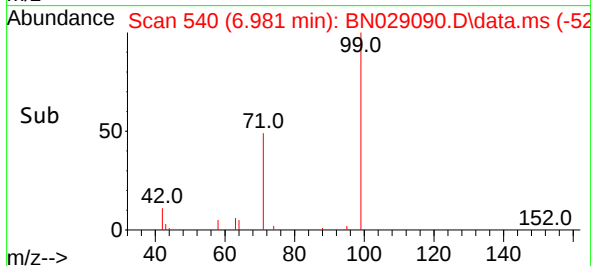
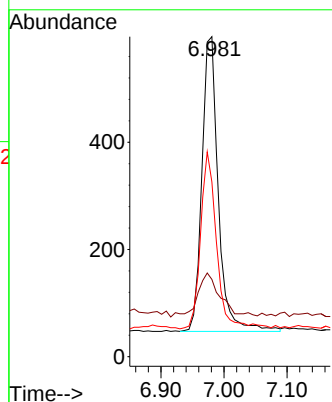
Tgt Ion: 99 Resp: 994

Ion Ratio Lower Upper

99 100

42 19.9 13.4 20.2

71 58.4 47.8 71.6



#6

bis(2-Chloroethyl)ether

Concen: 0.506 ng

RT: 7.219 min Scan# 573

Delta R.T. -0.014 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

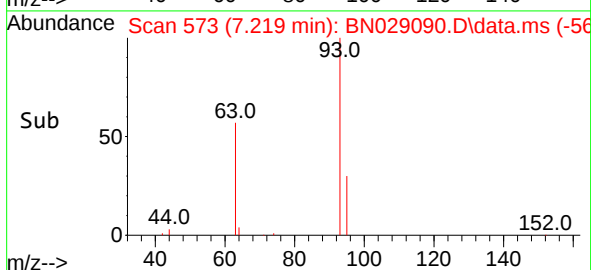
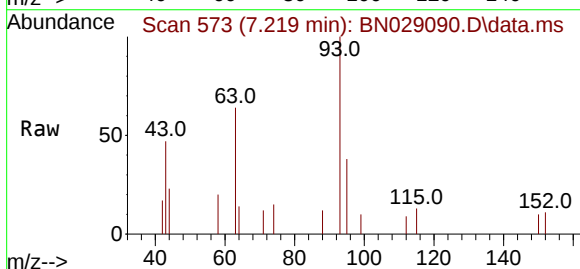
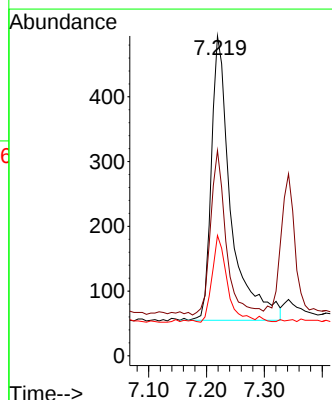
Tgt Ion: 93 Resp: 1029

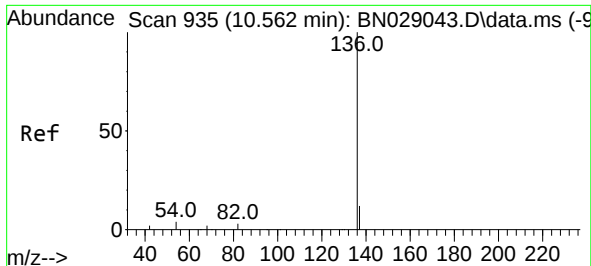
Ion Ratio Lower Upper

93 100

63 46.3 48.4 72.6#

95 23.4 28.1 42.1#

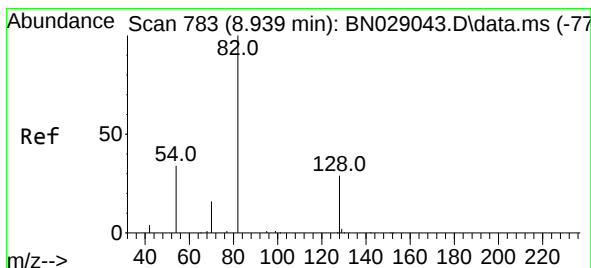
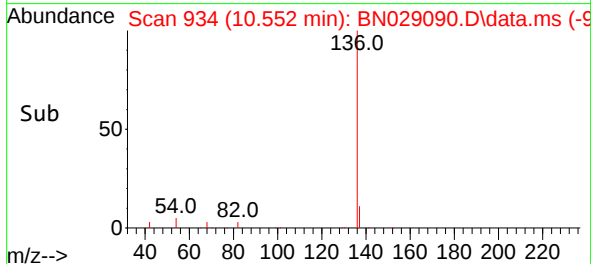
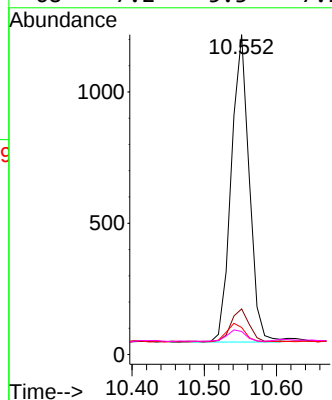
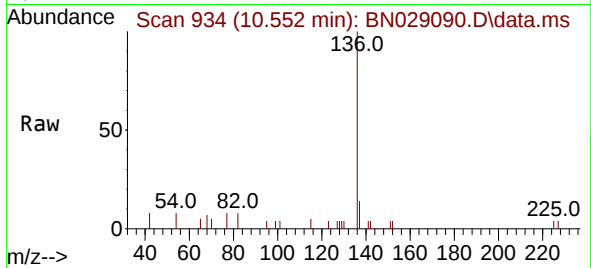




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

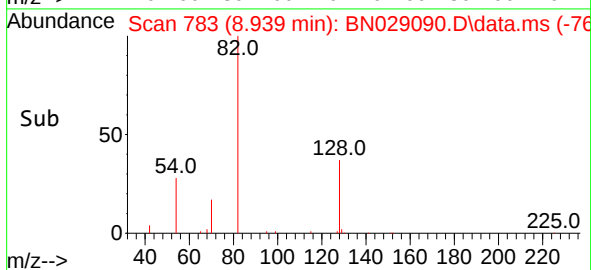
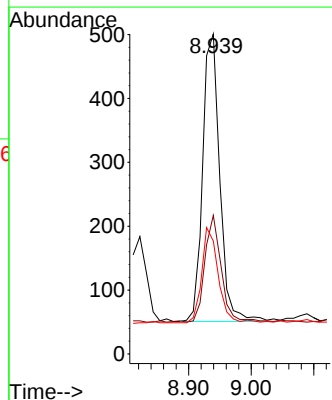
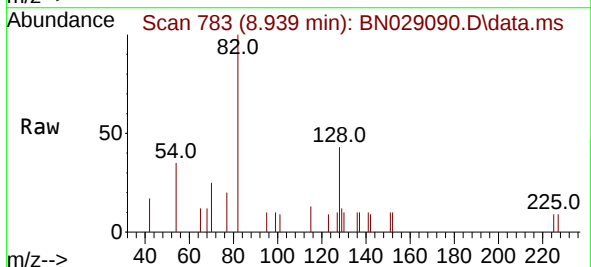
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

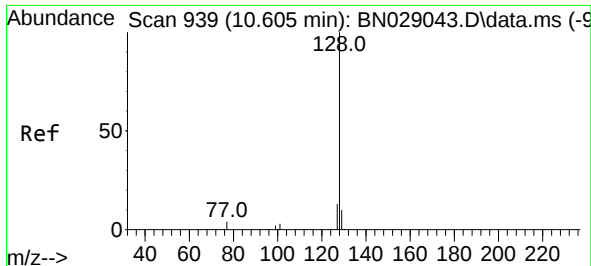
Tgt Ion:	136	Resp:	2013
Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.9	17.9
54	8.5	6.4	9.6
68	7.2	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion:	82	Resp:	858
Ion	Ratio	Lower	Upper
82	100		
128	43.3	28.2	42.4#
54	35.3	32.1	48.1

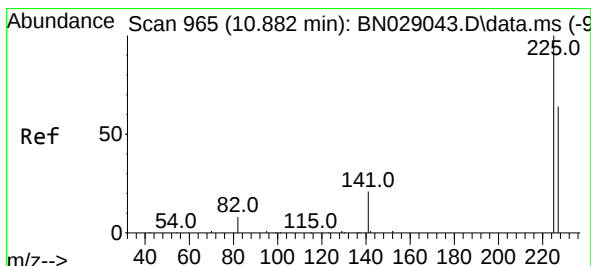
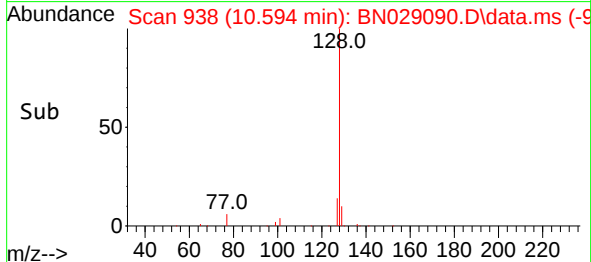
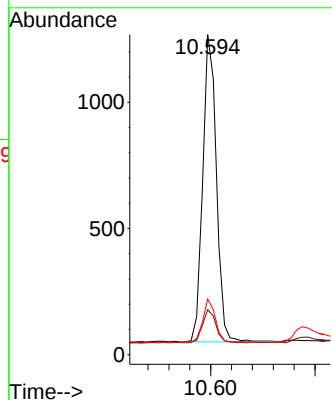
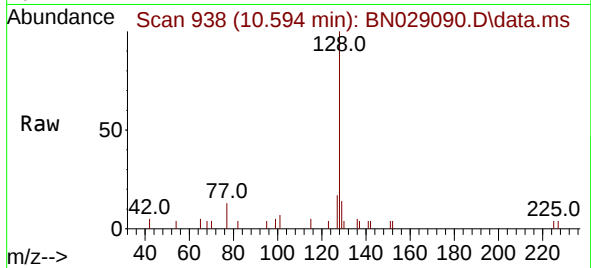




#9
Naphthalene
Concen: 0.351 ng
RT: 10.594 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

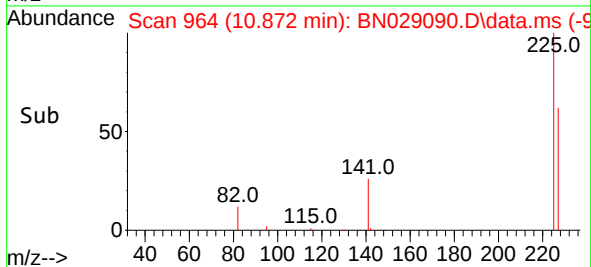
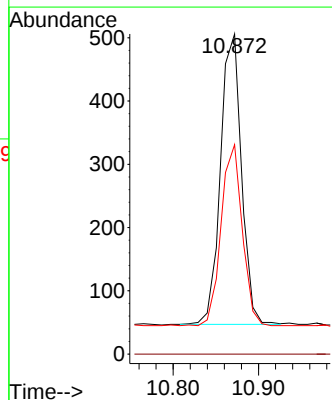
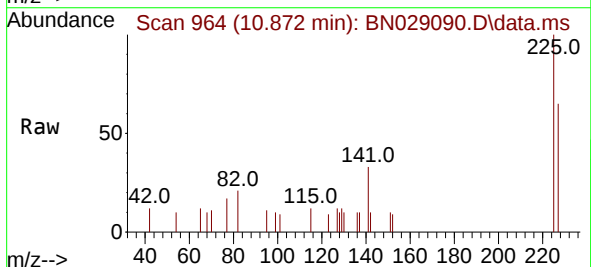
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

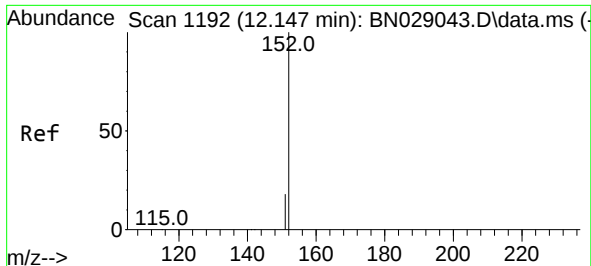
Tgt Ion:128 Resp: 2202
Ion Ratio Lower Upper
128 100
129 14.0 10.5 15.7
127 17.4 12.5 18.7



#10
Hexachlorobutadiene
Concen: 0.283 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.010 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion:225 Resp: 783
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.7 50.7 76.1

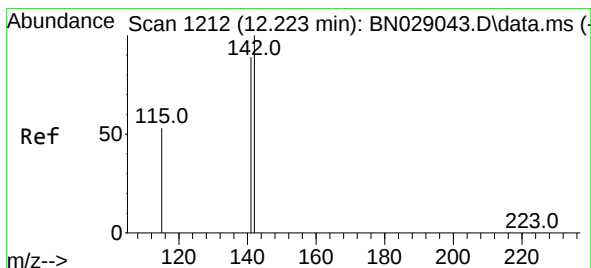
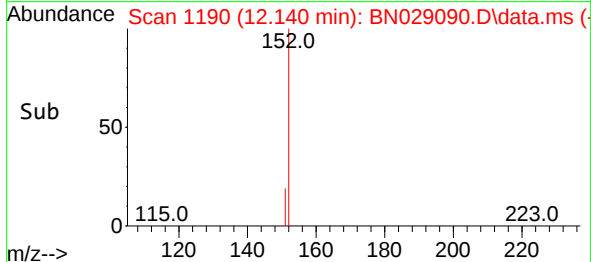
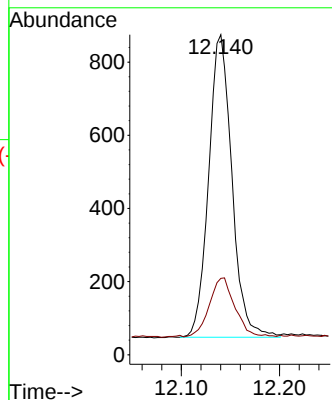
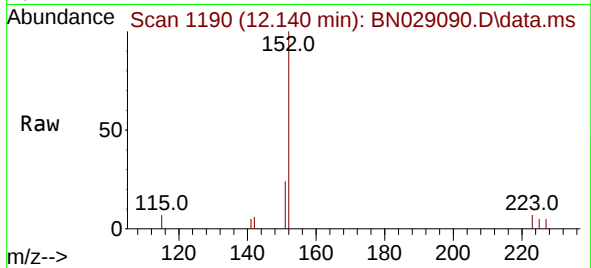




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.140 min Scan# 1192
Delta R.T. -0.007 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

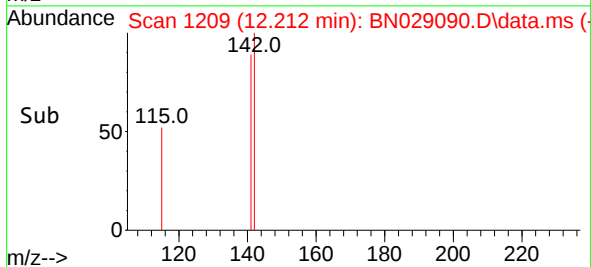
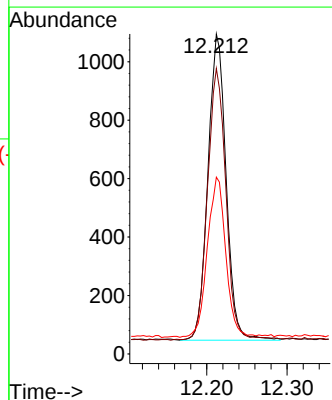
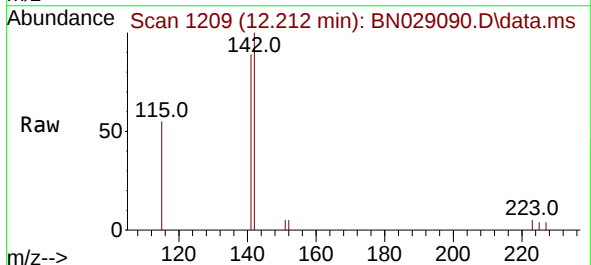
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

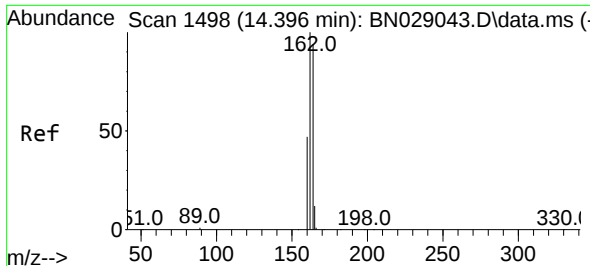
Tgt Ion:152 Resp: 1360
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.0



#12
2-Methylnaphthalene
Concen: 0.322 ng
RT: 12.212 min Scan# 1209
Delta R.T. -0.011 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion:142 Resp: 1646
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7
115 55.3 44.6 66.8

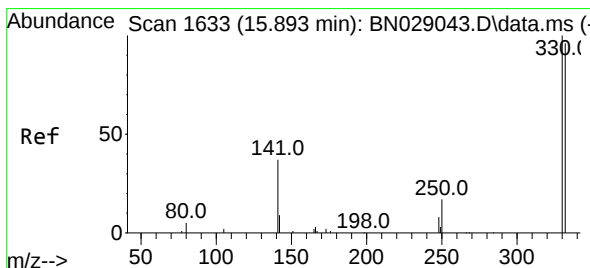
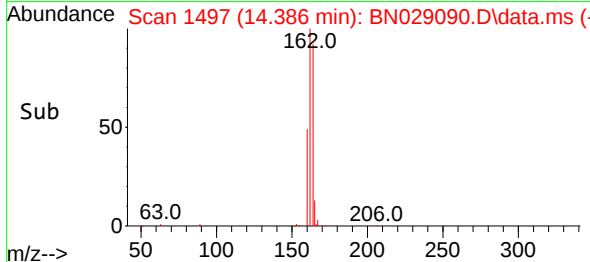
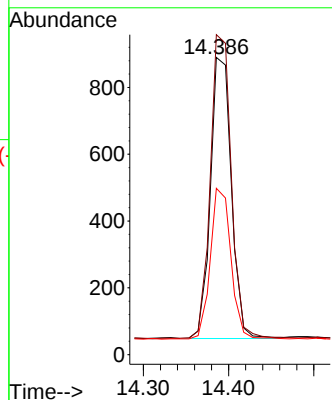
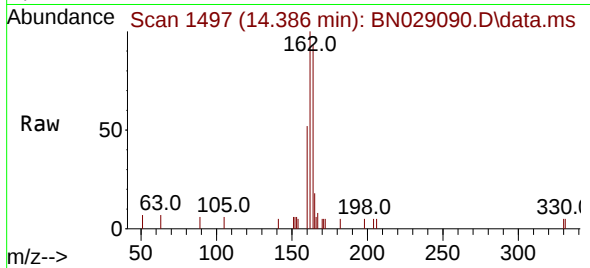




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.386 min Scan# 1498
Delta R.T. -0.010 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

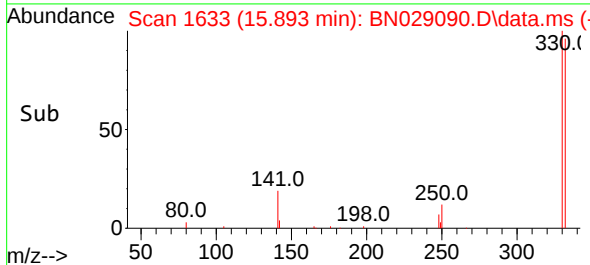
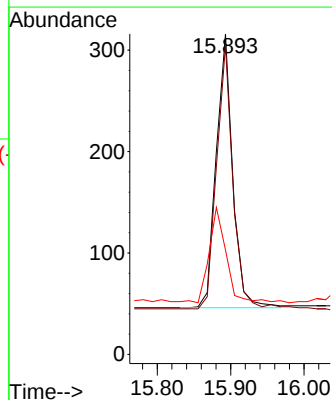
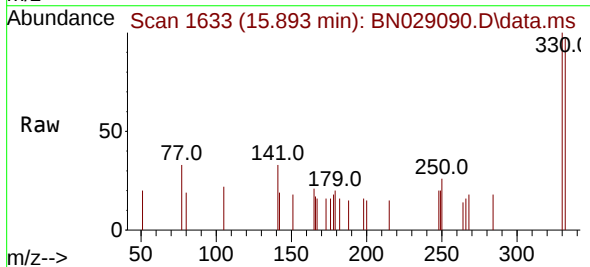
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

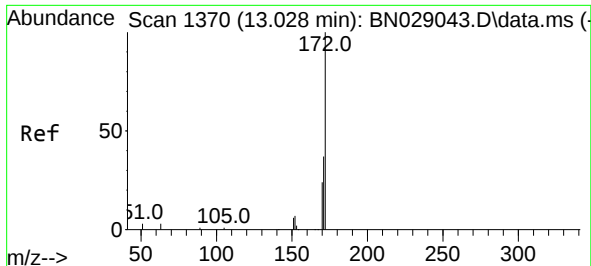
Tgt Ion:164 Resp: 1436
Ion Ratio Lower Upper
164 100
162 107.6 85.0 127.6
160 56.0 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion:330 Resp: 422
Ion Ratio Lower Upper
330 100
332 94.5 78.8 118.2
141 36.3 28.7 43.1

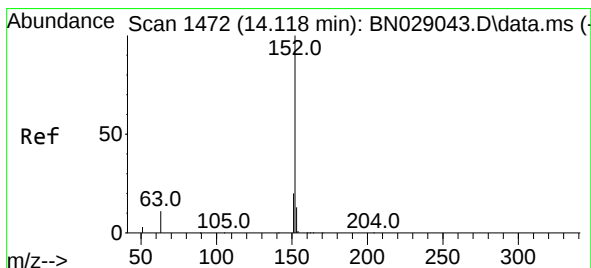
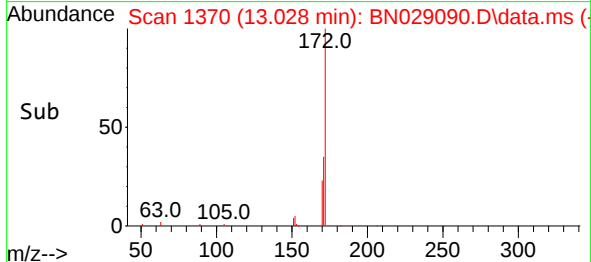
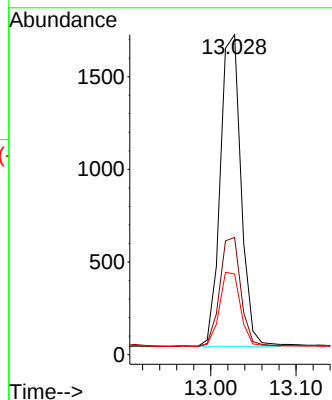
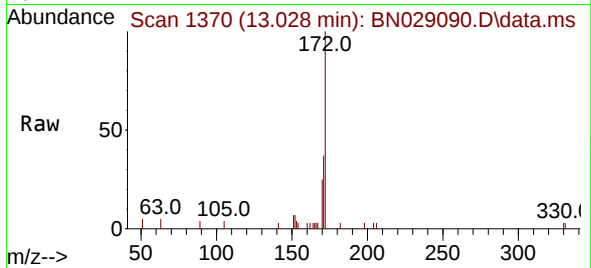




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

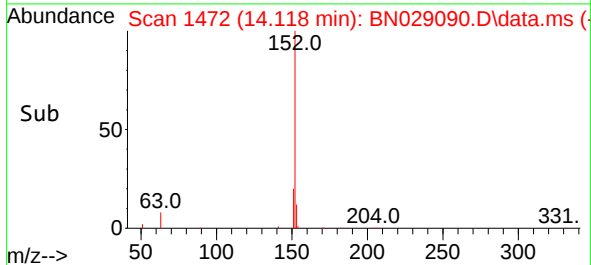
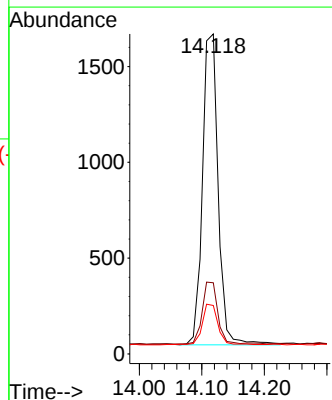
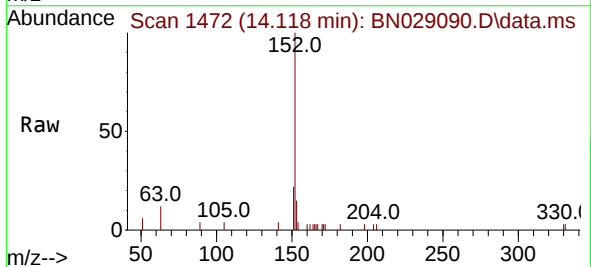
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

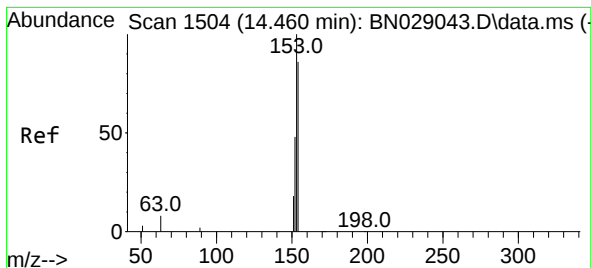
Tgt Ion:	172	Resp:	2848
Ion Ratio	Lower	Upper	
172	100		
171	36.7	30.1	45.1
170	25.2	20.3	30.5



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.118 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion:	152	Resp:	2832
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.8	23.6
153	13.1	10.3	15.5





#17

Acenaphthene

Concen: 0.343 ng

RT: 14.450 min Scan# 1503

Delta R.T. -0.010 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD

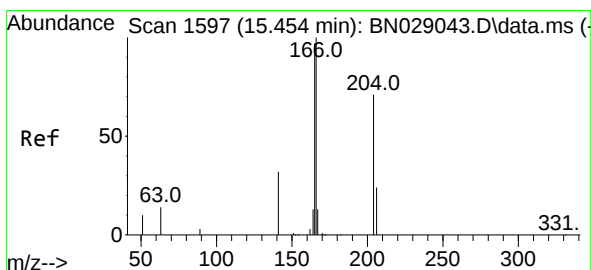
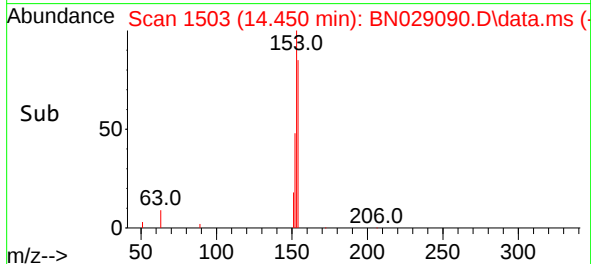
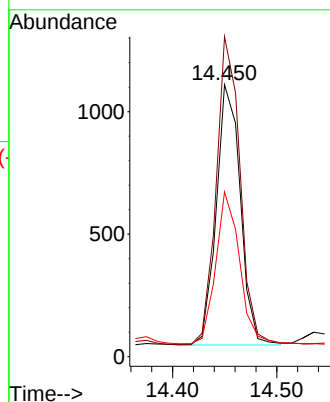
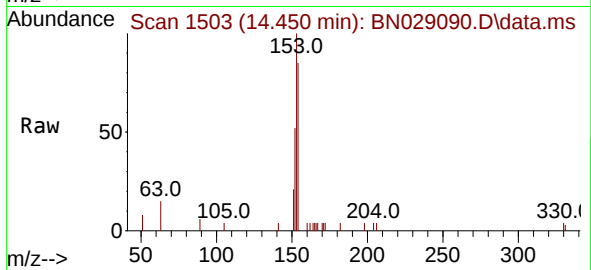
Tgt Ion:154 Resp: 1701

Ion Ratio Lower Upper

154 100

153 117.0 93.0 139.6

152 58.4 44.2 66.4



#18

Fluorene

Concen: 0.304 ng

RT: 15.444 min Scan# 1596

Delta R.T. -0.010 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

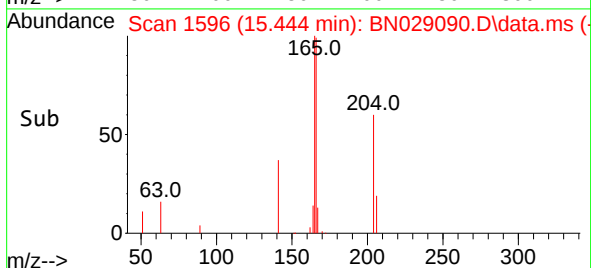
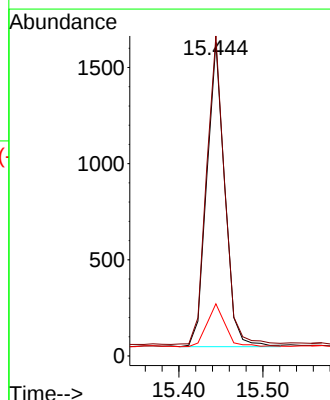
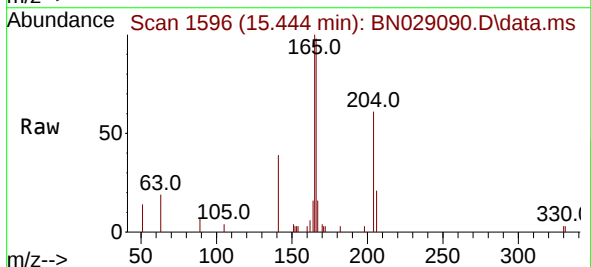
Tgt Ion:166 Resp: 2402

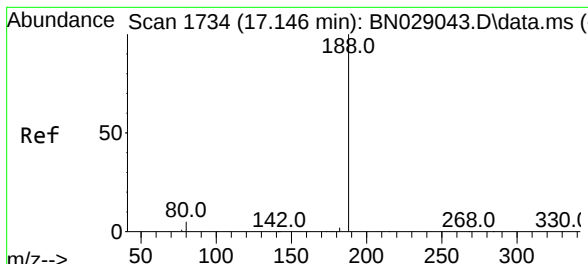
Ion Ratio Lower Upper

166 100

165 100.9 80.2 120.4

167 14.7 11.0 16.4

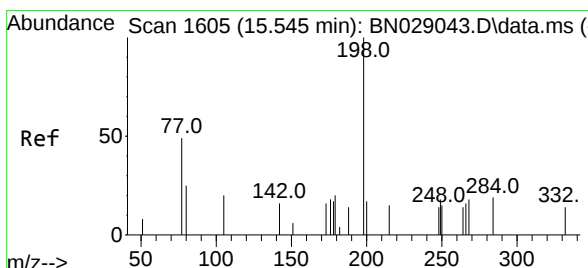
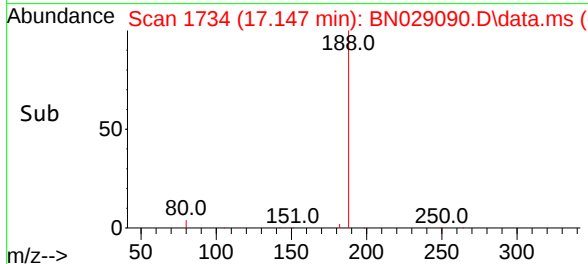
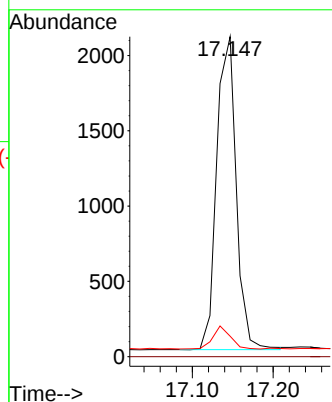
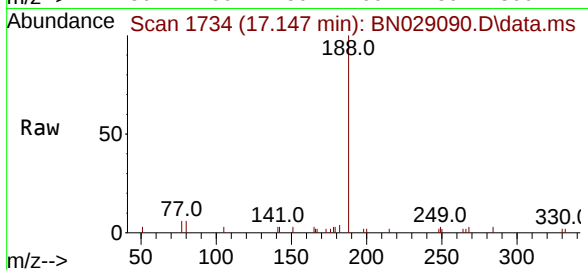




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.147 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN029090.D
 Acq: 07 Dec 2023 13:02

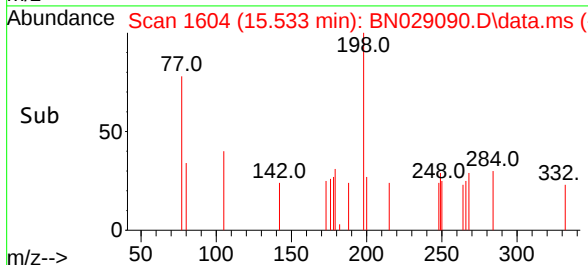
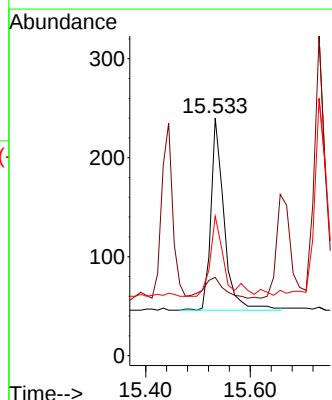
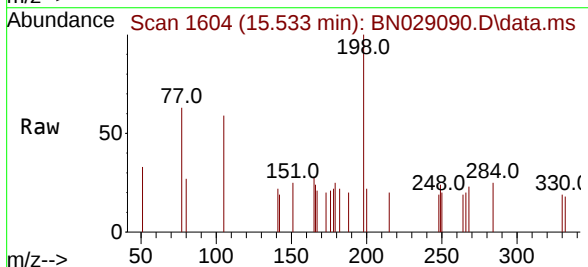
Instrument :
 BNA_N
 ClientSampleId :
 O-5(5-10)MSD

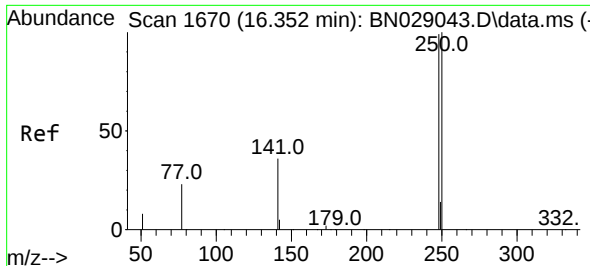
Tgt Ion:	188	Resp:	3488
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.4	5.4	8.0



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.313 ng
 RT: 15.533 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BN029090.D
 Acq: 07 Dec 2023 13:02

Tgt Ion:	198	Resp:	329
Ion Ratio	Lower	Upper	
198	100		
51	32.9	23.4	35.2
105	58.8	29.0	43.4

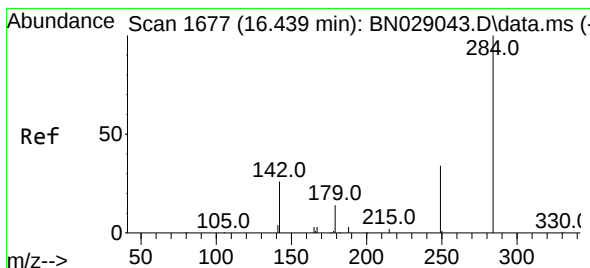
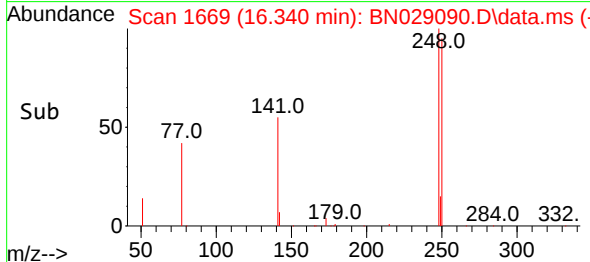
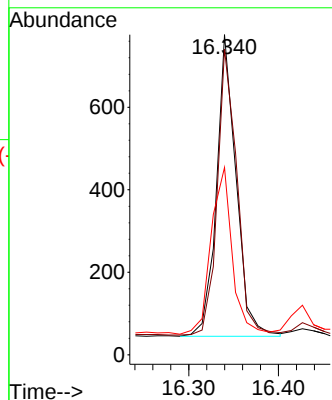
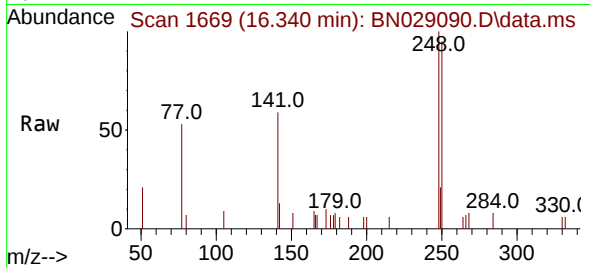




#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.340 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

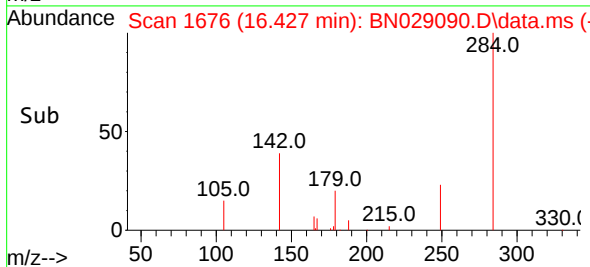
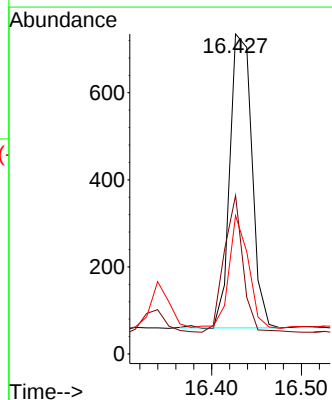
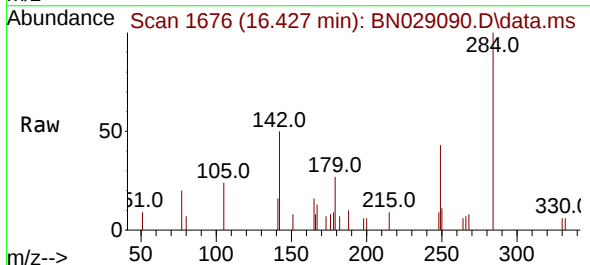
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

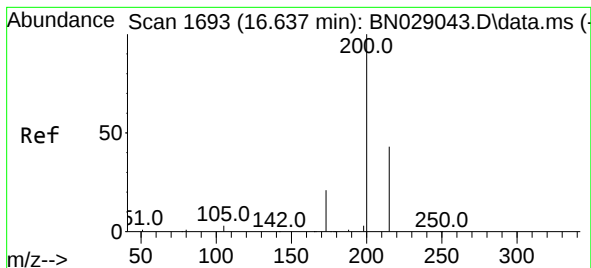
Tgt Ion:248 Resp: 1113
Ion Ratio Lower Upper
248 100
250 95.5 81.3 121.9
141 58.5 31.2 46.8#



#22
Hexachlorobenzene
Concen: 0.319 ng
RT: 16.427 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion:284 Resp: 1146
Ion Ratio Lower Upper
284 100
142 39.8 28.0 42.0
249 34.2 27.8 41.8





#23

Atrazine

Concen: 0.308 ng

RT: 16.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD

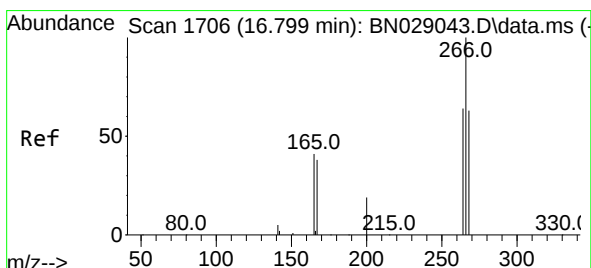
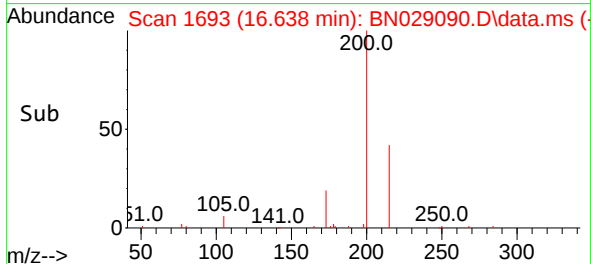
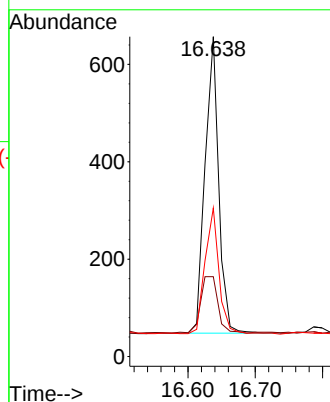
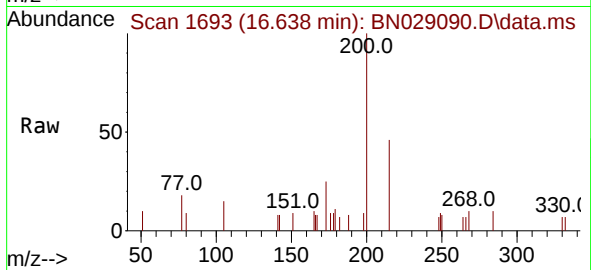
Tgt Ion:200 Resp: 857

Ion Ratio Lower Upper

200 100

173 25.0 19.3 28.9

215 46.4 36.1 54.1



#24

Pentachlorophenol

Concen: 0.077 ng

RT: 16.799 min Scan# 1706

Delta R.T. 0.000 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

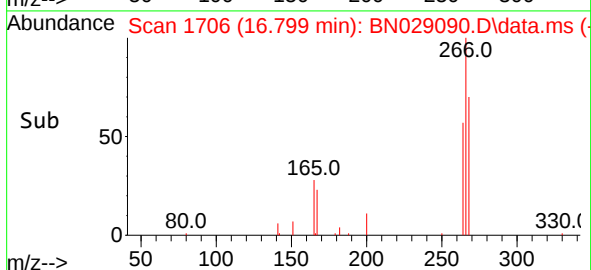
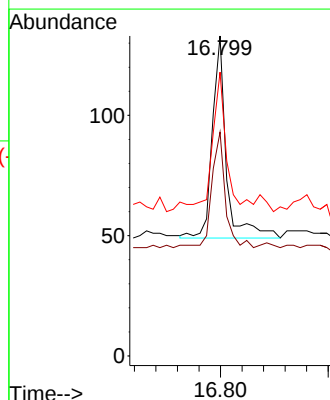
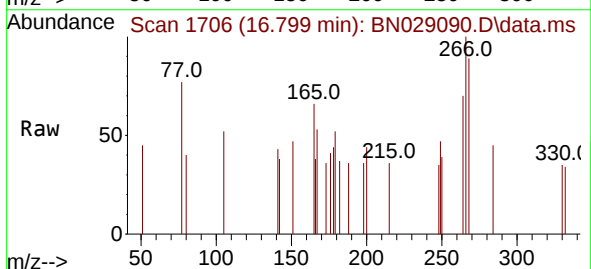
Tgt Ion:266 Resp: 151

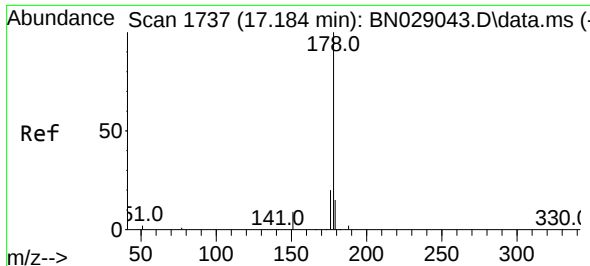
Ion Ratio Lower Upper

266 100

264 54.3 50.7 76.1

268 58.3 49.5 74.3

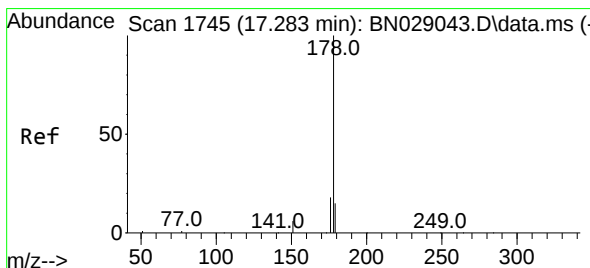
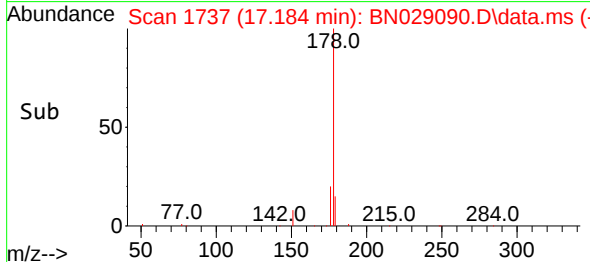
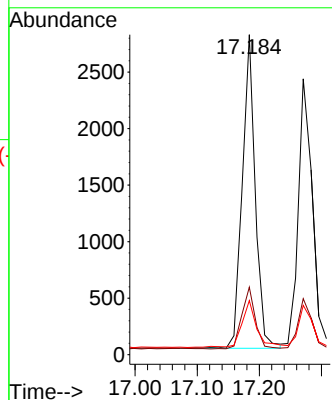
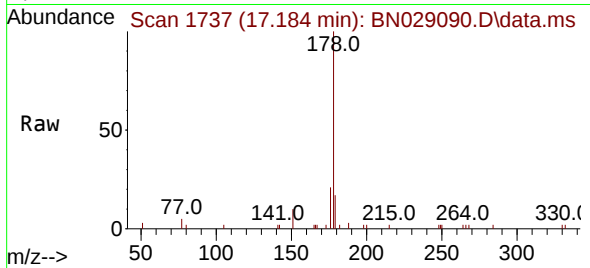




#25
Phenanthrene
Concen: 0.348 ng
RT: 17.184 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

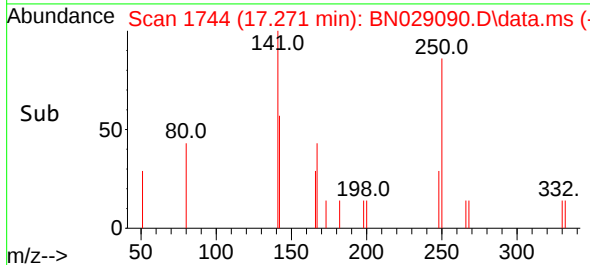
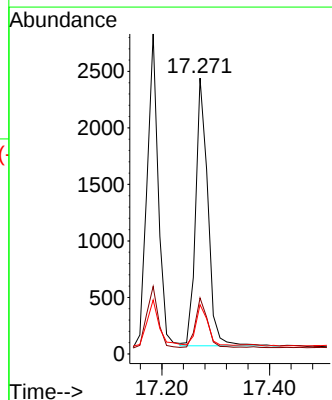
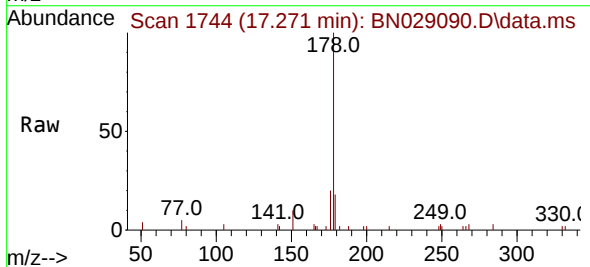
Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

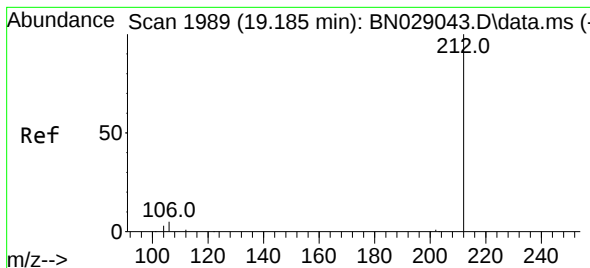
Tgt Ion:178 Resp: 4053
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 17.5 12.6 18.8



#26
Anthracene
Concen: 0.332 ng
RT: 17.271 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BN029090.D
Acq: 07 Dec 2023 13:02

Tgt Ion:178 Resp: 3732
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 14.6 12.6 19.0





#27

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.181 min Scan# 1989

Delta R.T. -0.004 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD

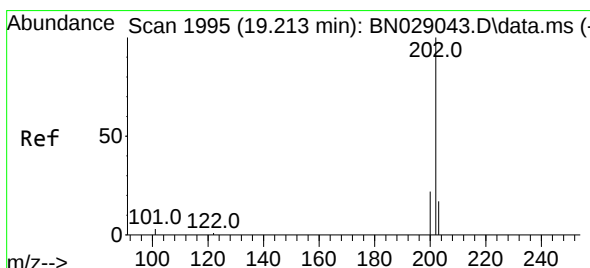
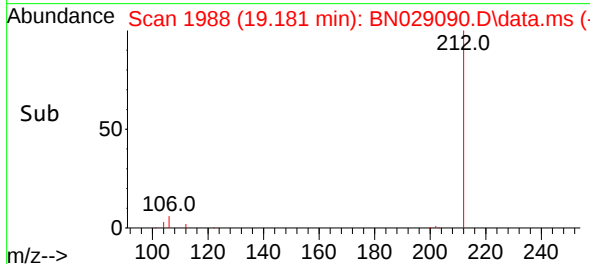
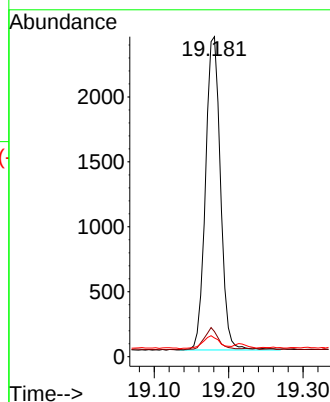
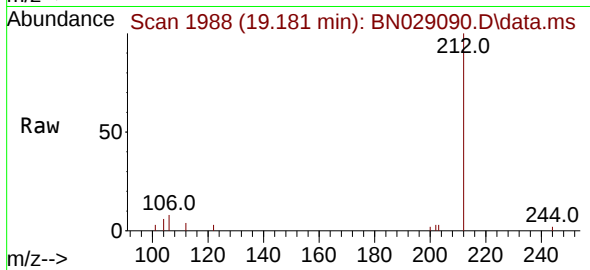
Tgt Ion:212 Resp: 3362

Ion Ratio Lower Upper

212 100

106 7.0 3.9 5.9#

104 4.6 2.6 3.8#



#28

Fluoranthene

Concen: 0.311 ng

RT: 19.209 min Scan# 1994

Delta R.T. -0.004 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

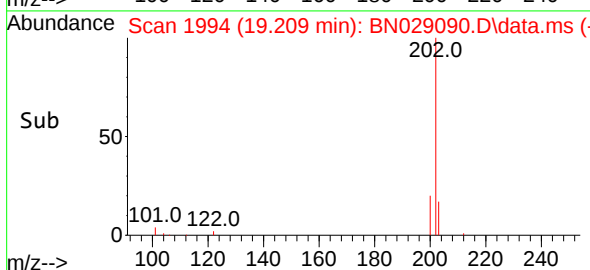
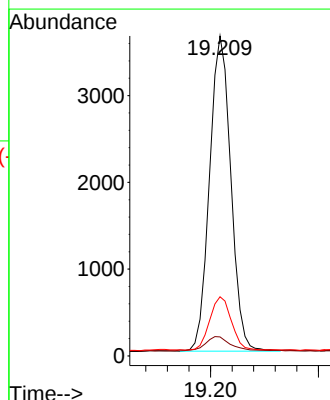
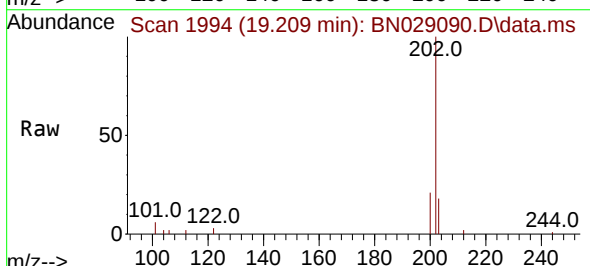
Tgt Ion:202 Resp: 4973

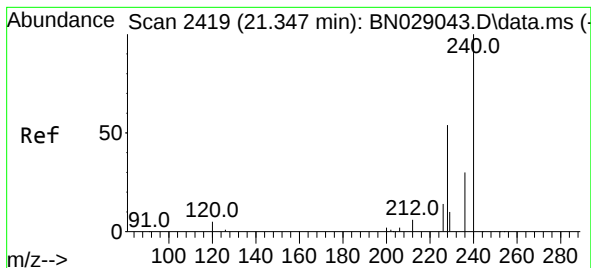
Ion Ratio Lower Upper

202 100

101 5.6 3.0 4.6#

203 17.6 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD

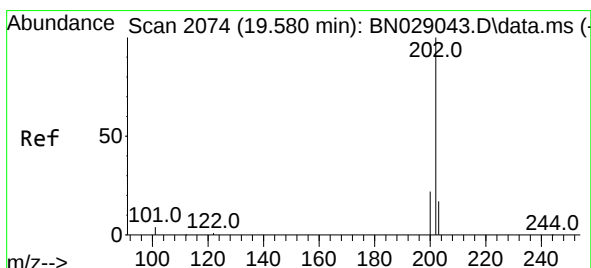
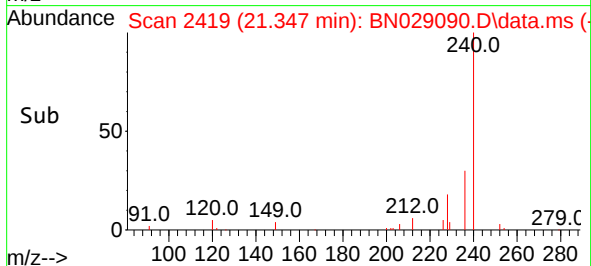
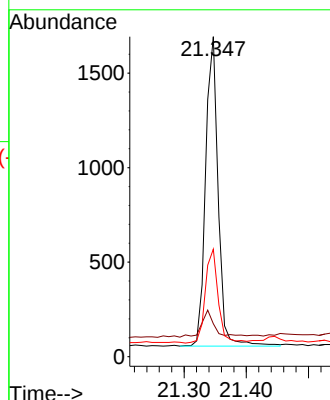
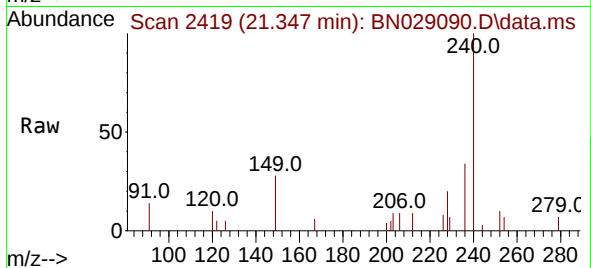
Tgt Ion:240 Resp: 2286

Ion Ratio Lower Upper

240 100

120 10.3 6.7 10.1#

236 33.6 25.7 38.5



#30

Pyrene

Concen: 0.354 ng

RT: 19.571 min Scan# 2072

Delta R.T. -0.009 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

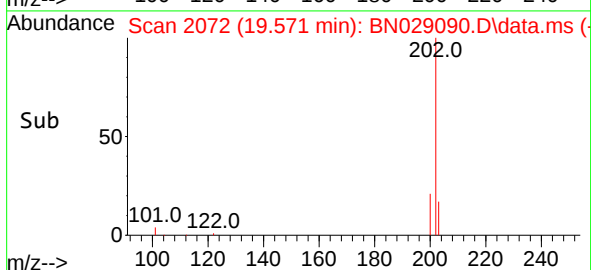
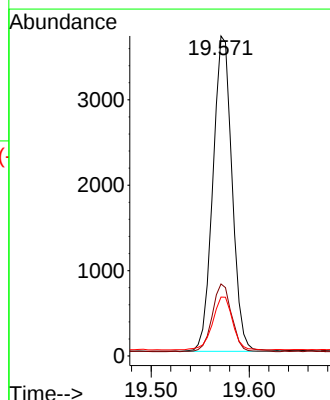
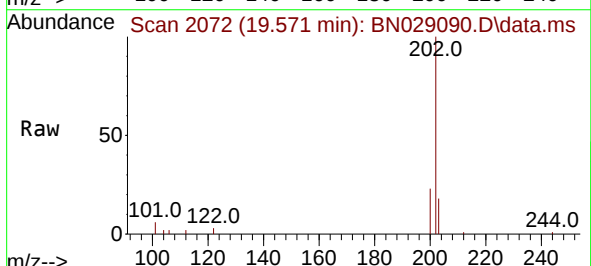
Tgt Ion:202 Resp: 5016

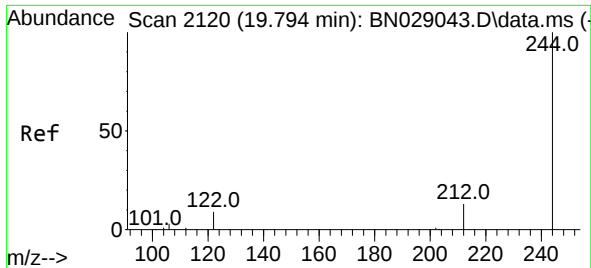
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 17.5 14.2 21.4

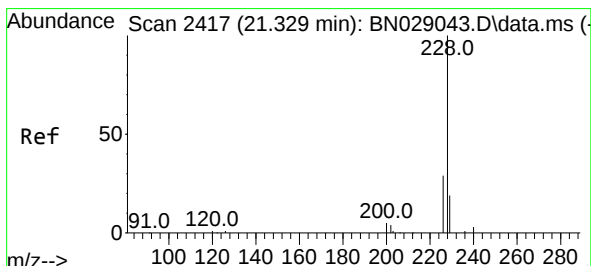
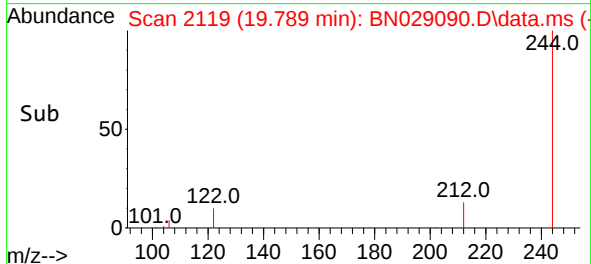
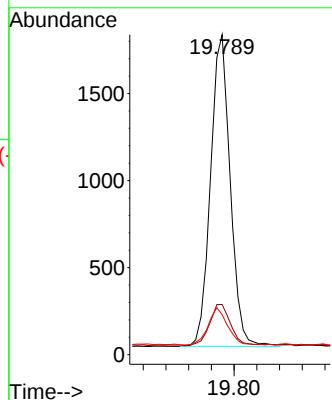
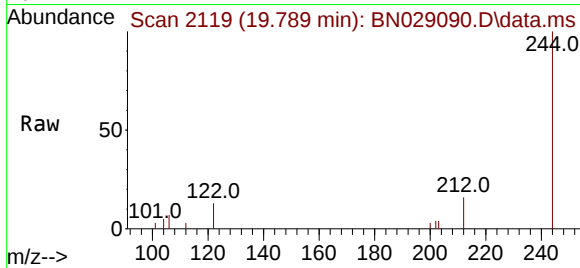




#31
 Terphenyl-d14
 Concen: 0.372 ng
 RT: 19.789 min Scan# 2119
 Delta R.T. -0.004 min
 Lab File: BN029090.D
 Acq: 07 Dec 2023 13:02

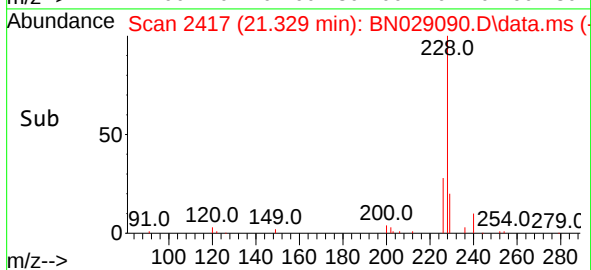
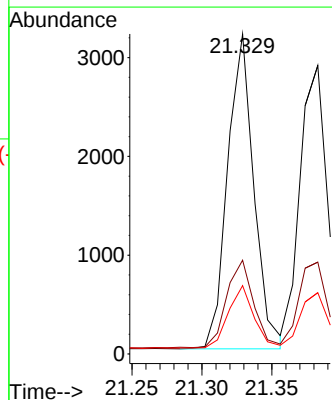
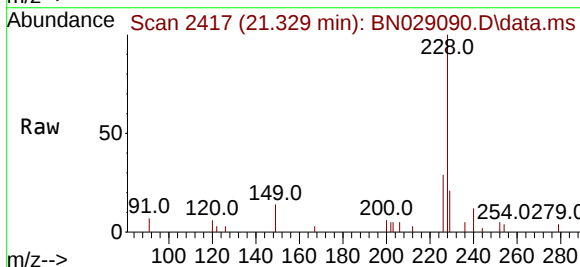
Instrument :
 BNA_N
 ClientSampleId :
 O-5(5-10)MSD

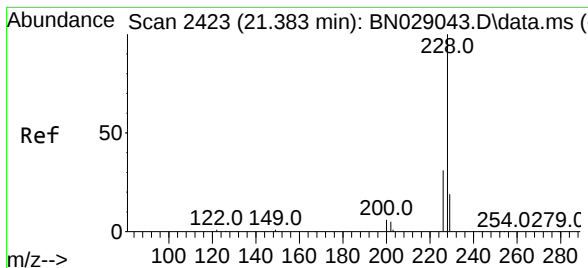
Tgt Ion:244 Resp: 2151
 Ion Ratio Lower Upper
 244 100
 212 15.7 11.6 17.4
 122 12.5 8.2 12.4#



#32
 Benzo(a)anthracene
 Concen: 0.360 ng
 RT: 21.329 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN029090.D
 Acq: 07 Dec 2023 13:02

Tgt Ion:228 Resp: 4173
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.8 35.6
 229 21.3 16.0 24.0





#33

Chrysene

Concen: 0.348 ng

RT: 21.383 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD

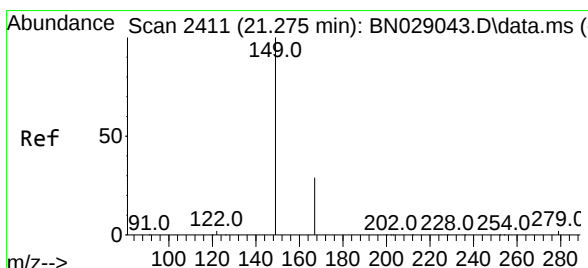
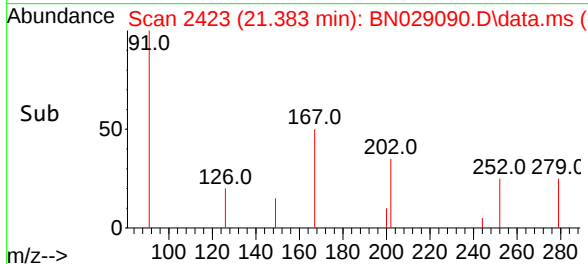
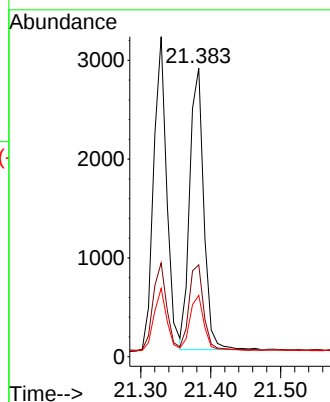
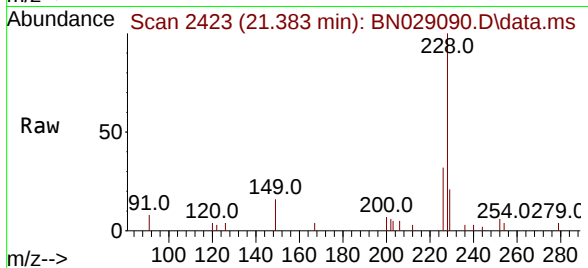
Tgt Ion:228 Resp: 3974

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

229 21.2 16.0 24.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.488 ng

RT: 21.275 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

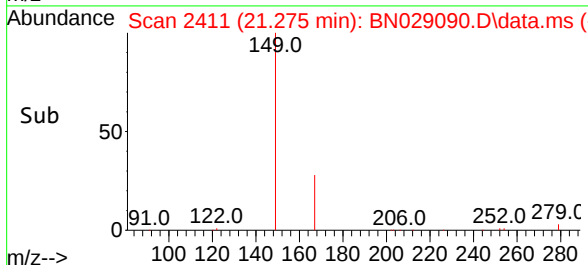
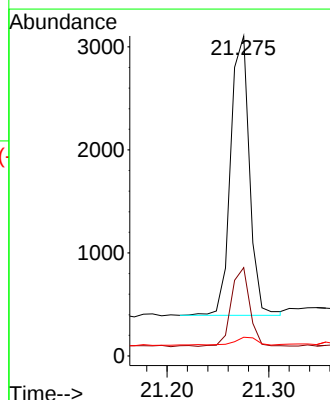
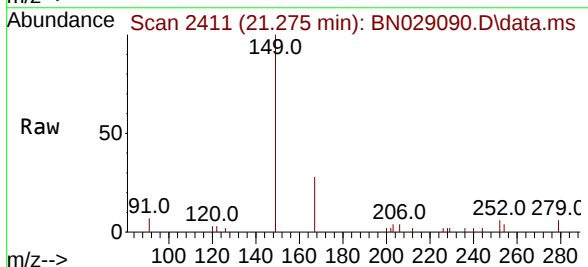
Tgt Ion:149 Resp: 3490

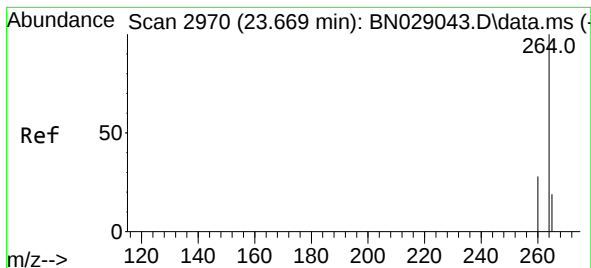
Ion Ratio Lower Upper

149 100

167 27.6 23.4 35.2

279 3.4 3.4 5.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.658 min Scan# 2966

Delta R.T. -0.011 min

Lab File: BN029090.D

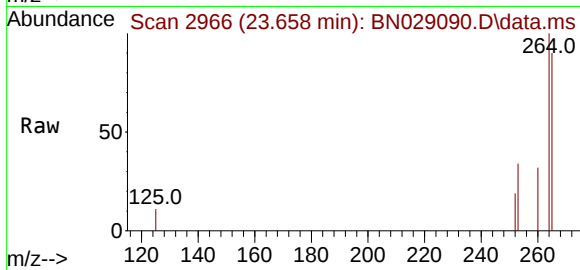
Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD



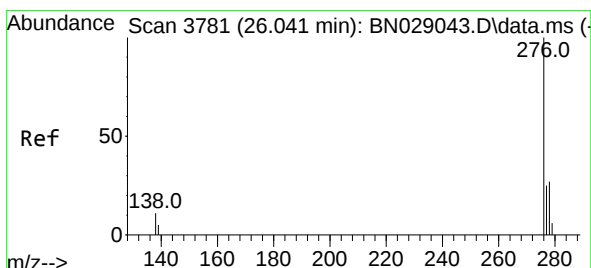
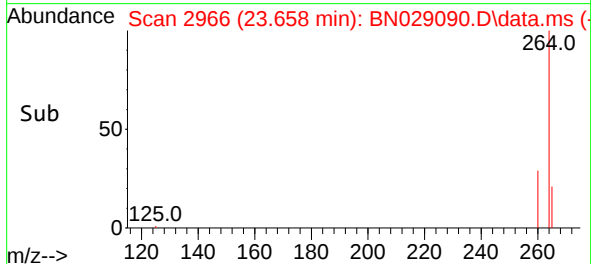
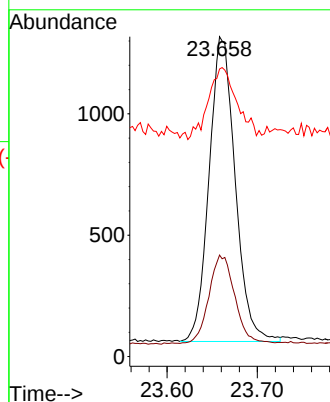
Tgt Ion:264 Resp: 2526

Ion Ratio Lower Upper

264 100

260 31.7 23.9 35.9

265 89.9 52.7 79.1#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.361 ng

RT: 26.032 min Scan# 3778

Delta R.T. -0.009 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

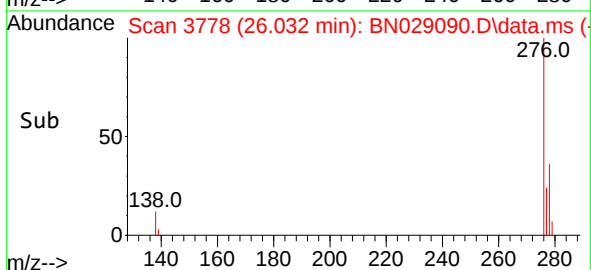
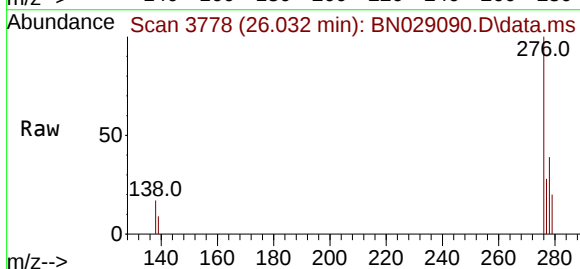
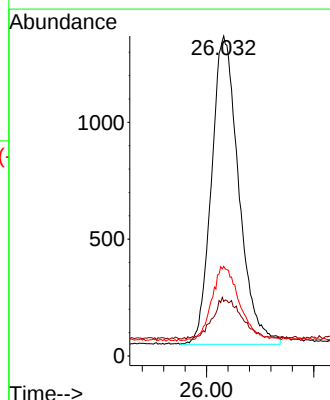
Tgt Ion:276 Resp: 4650

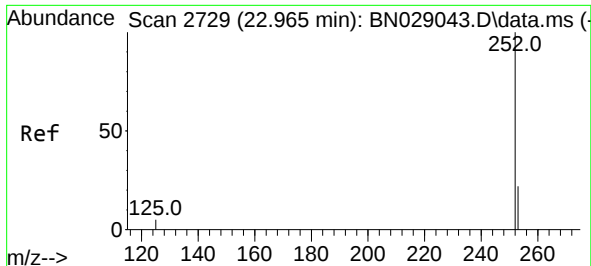
Ion Ratio Lower Upper

276 100

138 14.2 9.6 14.4

277 23.4 19.4 29.0





#37

Benzo(b)fluoranthene

Concen: 0.346 ng

RT: 22.959 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD

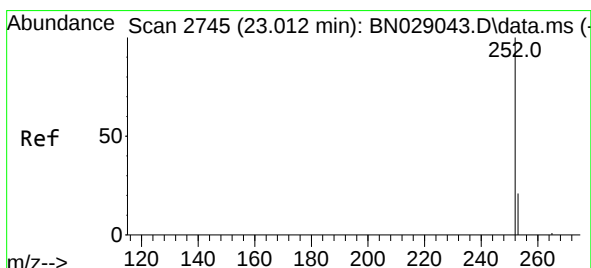
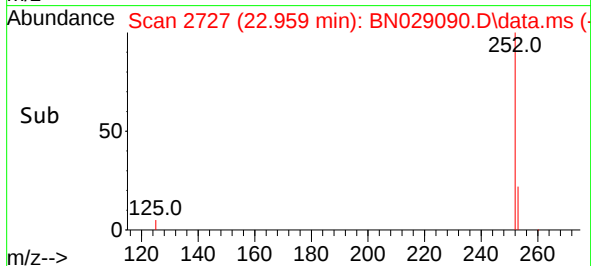
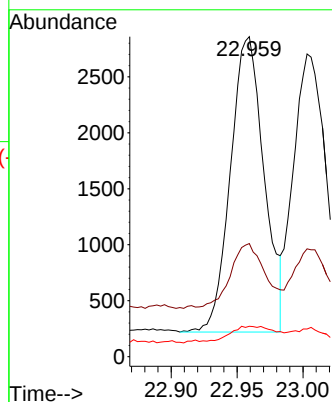
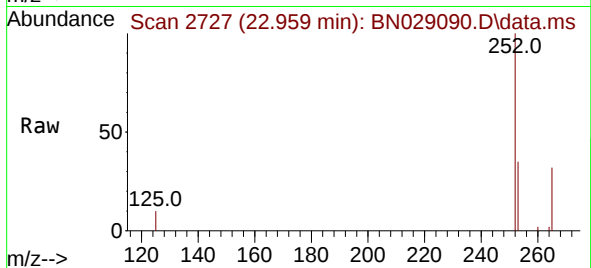
Tgt Ion:252 Resp: 4690

Ion Ratio Lower Upper

252 100

253 35.4 23.0 34.6#

125 9.5 5.4 8.0#



#38

Benzo(k)fluoranthene

Concen: 0.329 ng

RT: 23.003 min Scan# 2742

Delta R.T. -0.009 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

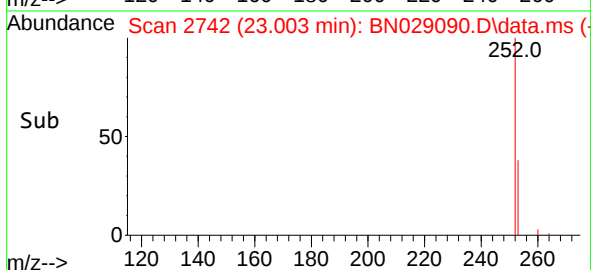
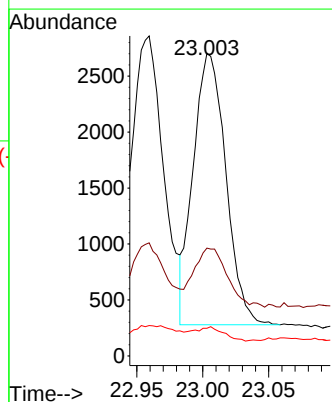
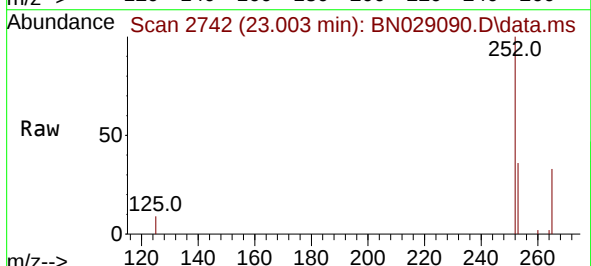
Tgt Ion:252 Resp: 4178

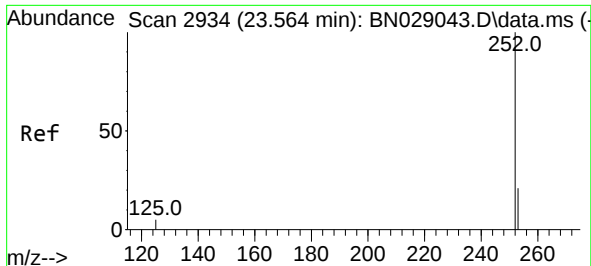
Ion Ratio Lower Upper

252 100

253 35.6 23.0 34.4#

125 9.1 5.0 7.6#





#39

Benzo(a)pyrene

Concen: 0.338 ng

RT: 23.556 min Scan# 2931

Delta R.T. -0.009 min

Lab File: BN029090.D

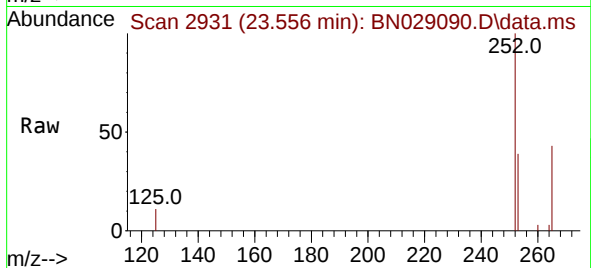
Acq: 07 Dec 2023 13:02

Instrument :

BNA_N

ClientSampleId :

O-5(5-10)MSD



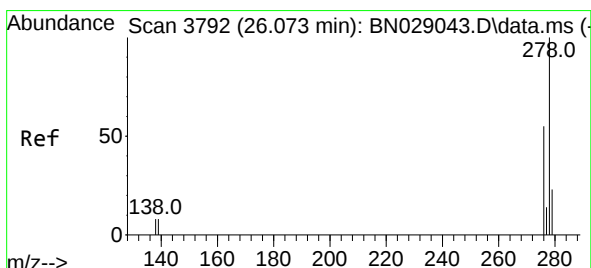
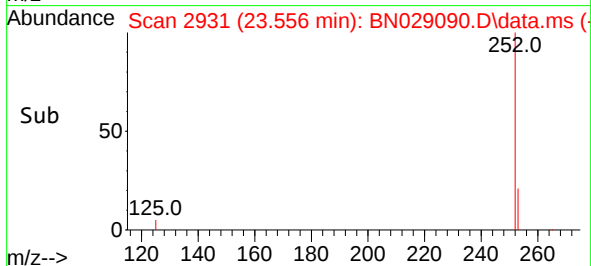
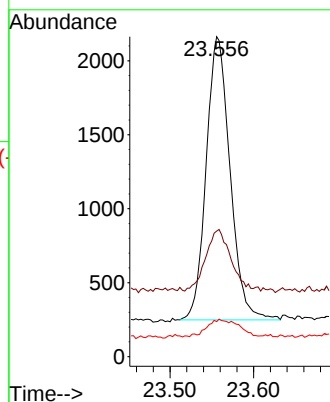
Tgt Ion:252 Resp: 3797

Ion Ratio Lower Upper

252 100

253 39.3 25.3 37.9#

125 11.0 6.5 9.7#



#40

Dibenzo(a,h)anthracene

Concen: 0.366 ng

RT: 26.055 min Scan# 3786

Delta R.T. -0.017 min

Lab File: BN029090.D

Acq: 07 Dec 2023 13:02

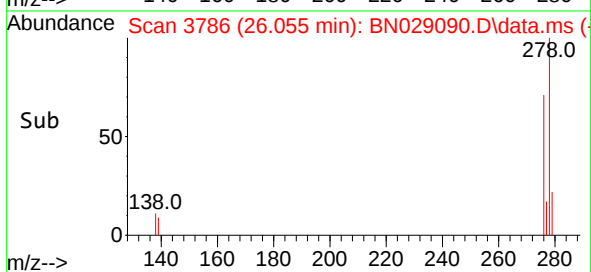
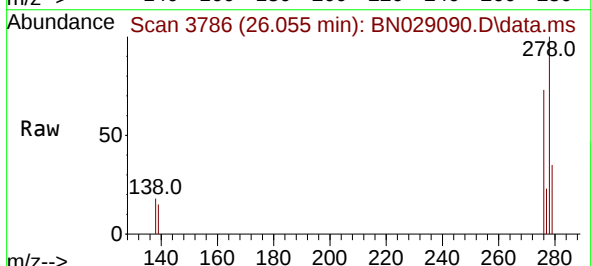
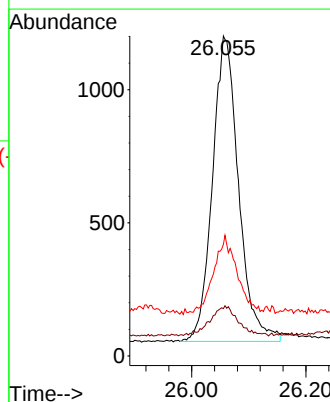
Tgt Ion:278 Resp: 3635

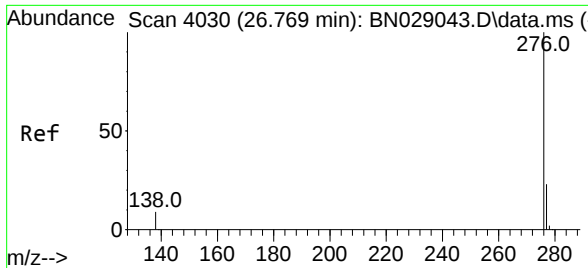
Ion Ratio Lower Upper

278 100

139 14.8 9.4 14.2#

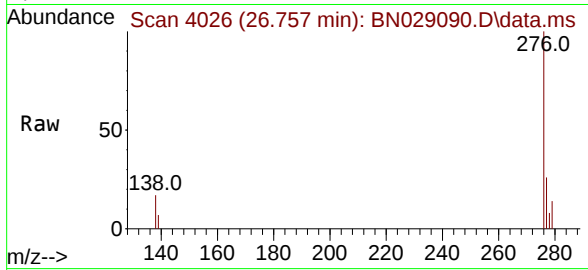
279 34.9 24.2 36.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.345 ng
 RT: 26.757 min Scan# 40
 Delta R.T. -0.011 min
 Lab File: BN029090.D
 Acq: 07 Dec 2023 13:02

Instrument :
 BNA_N
 ClientSampleId :
 O-5(5-10)MSD



Tgt Ion:276 Resp: 3745
 Ion Ratio Lower Upper
 276 100
 277 26.2 20.3 30.5
 138 17.4 9.2 13.8#

