

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
 Data File : BN030767.D
 Acq On : 08 Apr 2024 12:47
 Operator : MA/JU
 Sample : P2001-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-846-G3-SO-13-040424

Quant Time: Apr 08 13:17:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 00:04:36 2024
 Response via : Initial Calibration

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

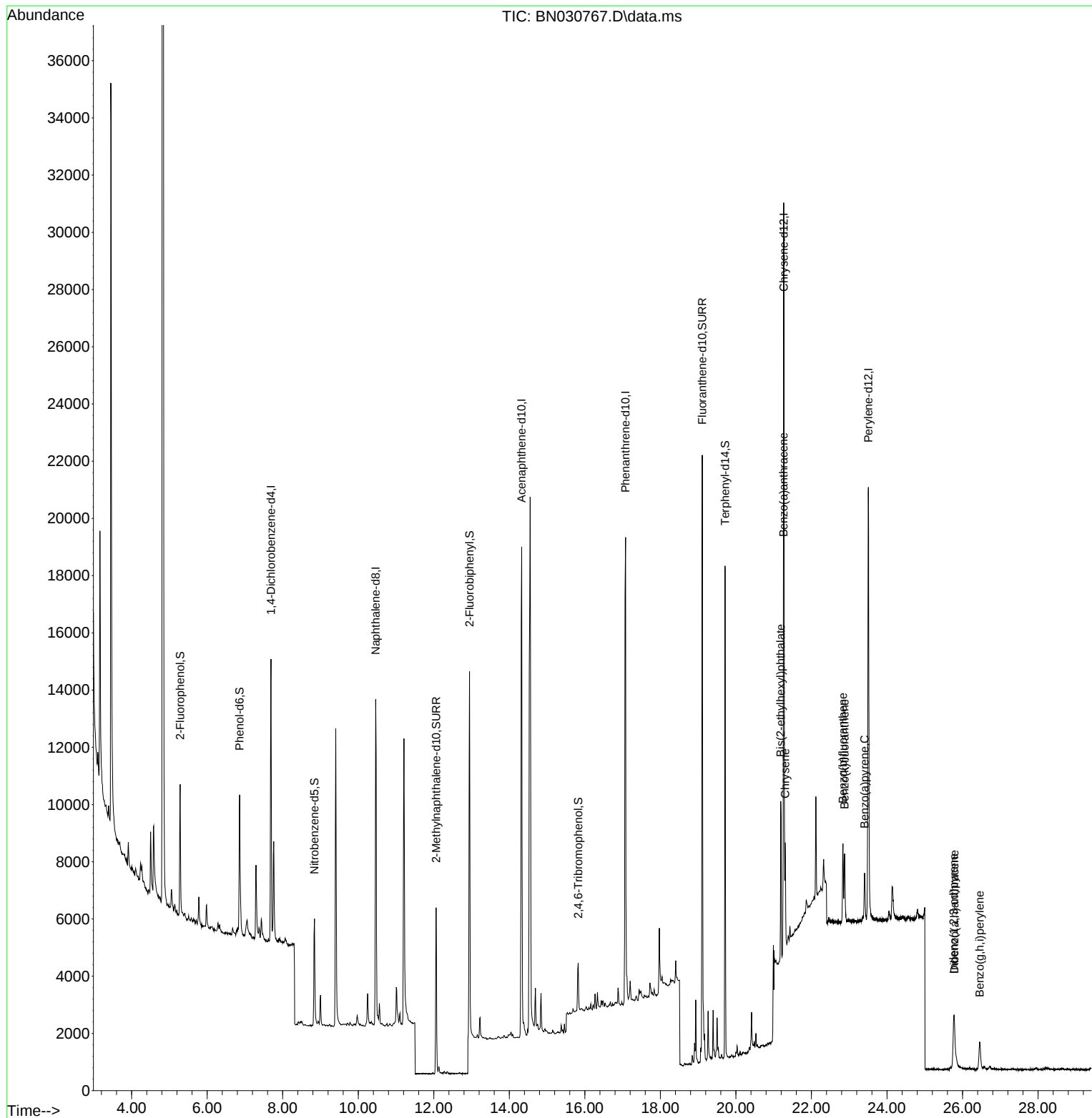
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	5010	0.400	ng	-0.02
7) Naphthalene-d8	10.463	136	15857	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	10204	0.400	ng	-0.01
19) Phenanthrene-d10	17.077	188	25210	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	23237	0.400	ng	#-0.02
35) Perylene-d12	23.506	264	21311	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	4056	0.372	ng	-0.01
5) Phenol-d6	6.858	99	4981	0.355	ng	-0.01
8) Nitrobenzene-d5	8.840	82	3328	0.299	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	8046	0.332	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1093	0.284	ng	-0.01
15) 2-Fluorobiphenyl	12.947	172	10877	0.276	ng	-0.02
27) Fluoranthene-d10	19.112	212	23227	0.342	ng	-0.01
31) Terphenyl-d14	19.716	244	16656	0.310	ng	-0.01
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.258	228	2693	0.033	ng	# 94
33) Chrysene	21.303	228	2877	0.033	ng	95
34) Bis(2-ethylhexyl)phtha...	21.186	149	5775	0.162	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.766	276	2624	0.028	ng	96
37) Benzo(b)fluoranthene	22.831	252	3046	0.035	ng	# 31
38) Benzo(k)fluoranthene	22.878	252	3032	0.035	ng	# 32
39) Benzo(a)pyrene	23.407	252	2109	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	25.784	278	2107	0.028	ng	# 55
41) Benzo(g,h,i)perylene	26.456	276	2087	0.026	ng	# 72

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

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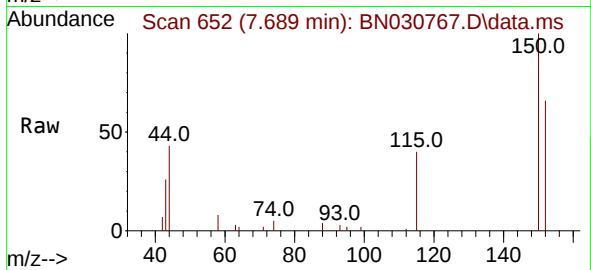
Quant Time: Apr 08 13:17:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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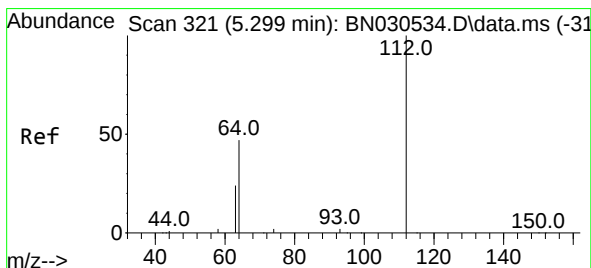
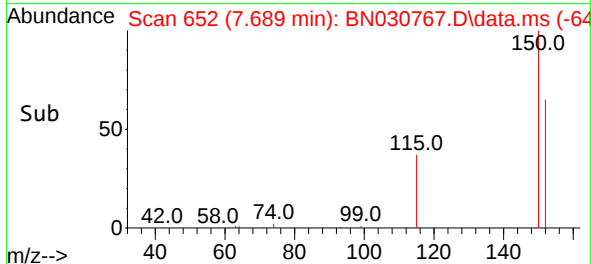
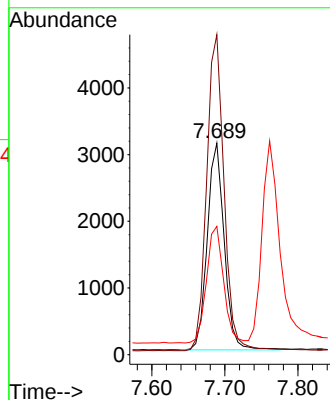


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Instrument :
BNA_N
ClientSampleId :
S-846-G3-SO-13-040424

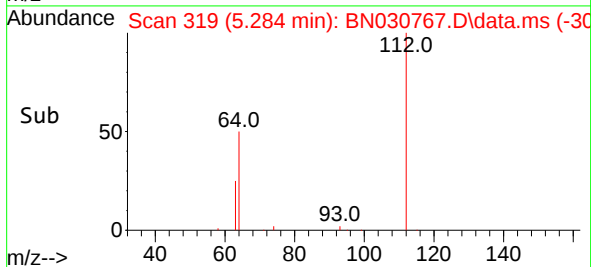
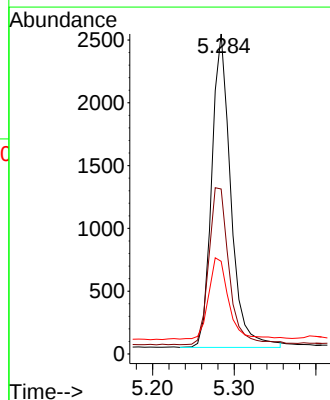
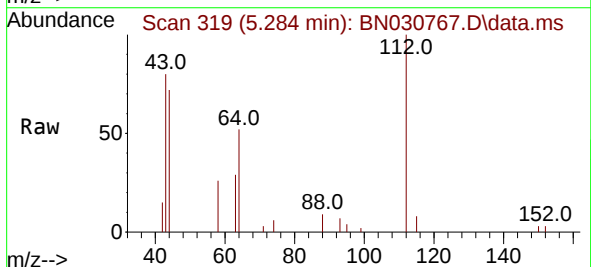


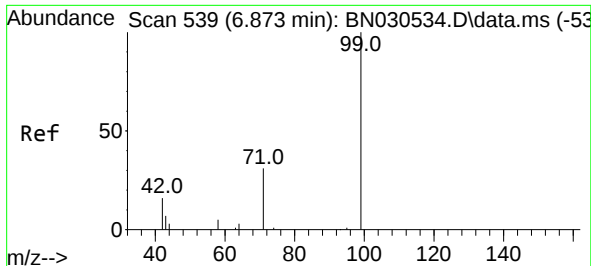
Tgt Ion:152 Resp: 5010
Ion Ratio Lower Upper
152 100
150 151.3 124.2 186.4
115 60.7 48.6 72.8



#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.015 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

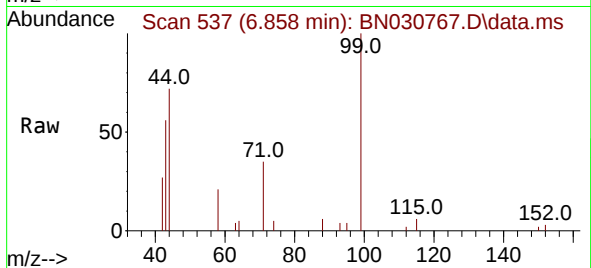
Tgt Ion:112 Resp: 4056
Ion Ratio Lower Upper
112 100
64 53.1 43.2 64.8
63 26.9 22.5 33.7



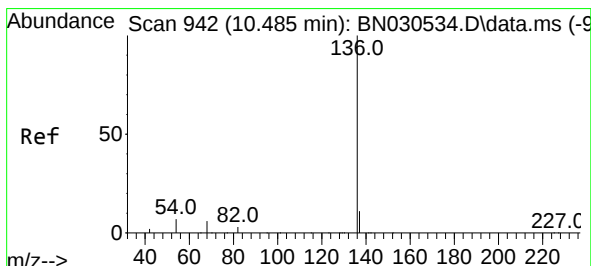
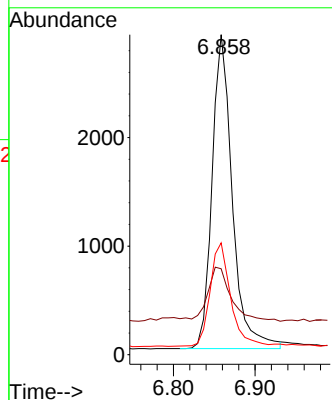
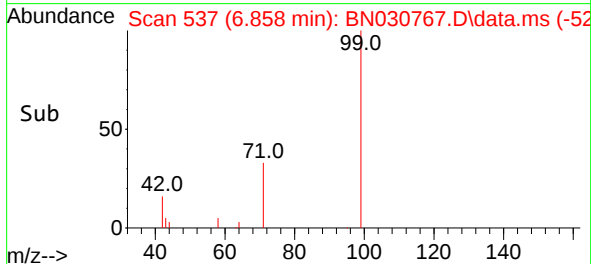


#5
Phenol-d6
Concen: 0.355 ng
RT: 6.858 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Instrument :
BNA_N
ClientSampleId :
S-846-G3-SO-13-040424

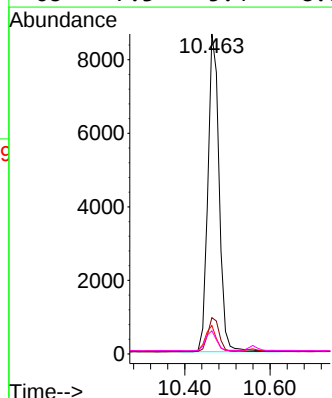
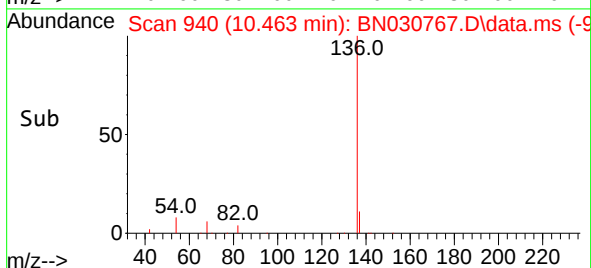
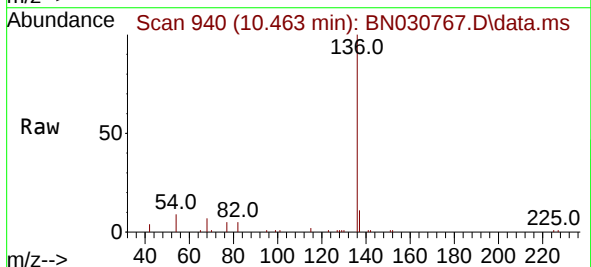


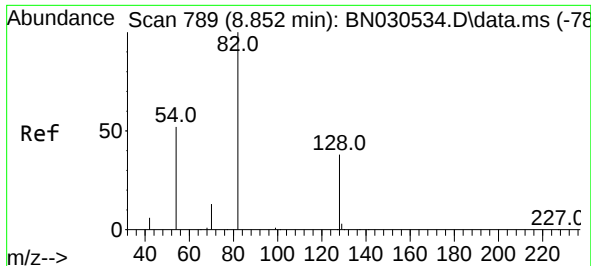
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	33.5	25.9	38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.463 min Scan# 940
Delta R.T. -0.022 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	6.4	9.6
68	7.3	5.4	8.0

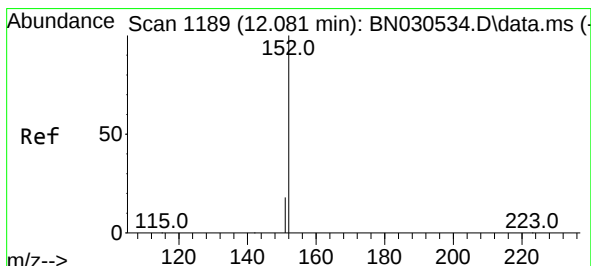
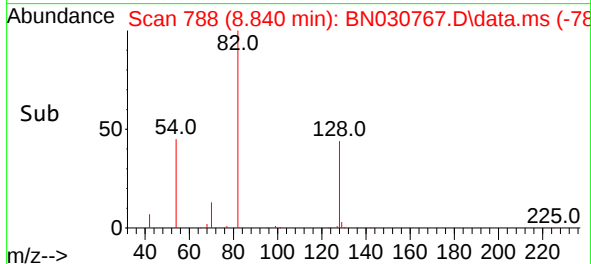
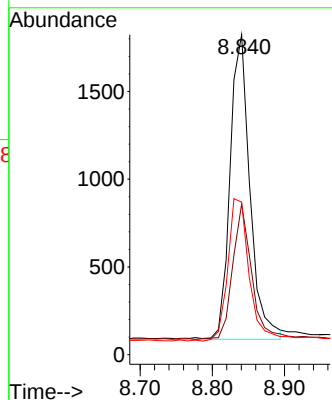
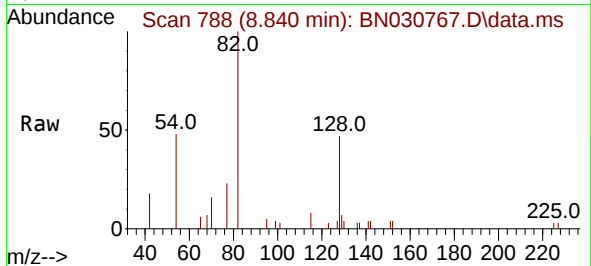




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

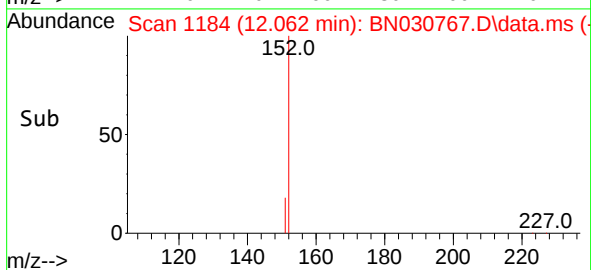
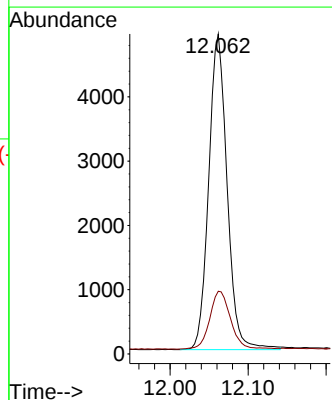
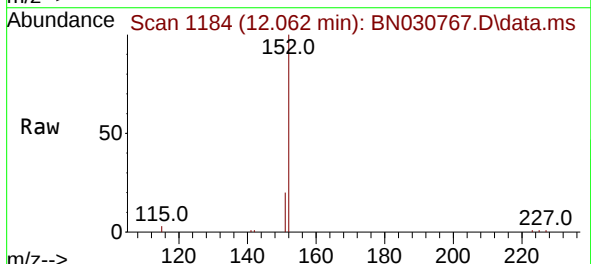
Instrument :
BNA_N
ClientSampleId :
S-846-G3-SO-13-040424

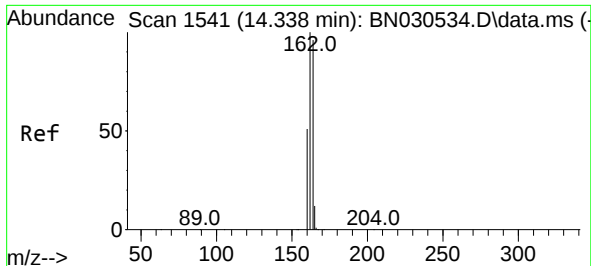
Tgt Ion: 82 Resp: 3328
Ion Ratio Lower Upper
82 100
128 47.1 32.3 48.5
54 47.6 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.062 min Scan# 1184
Delta R.T. -0.019 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Tgt Ion: 152 Resp: 8046
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1

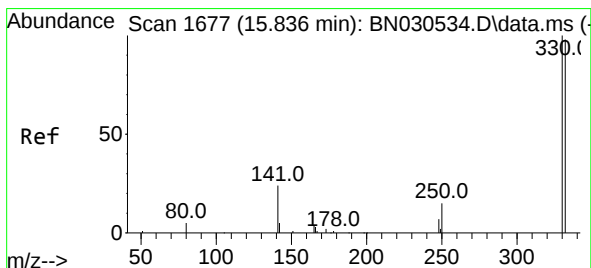
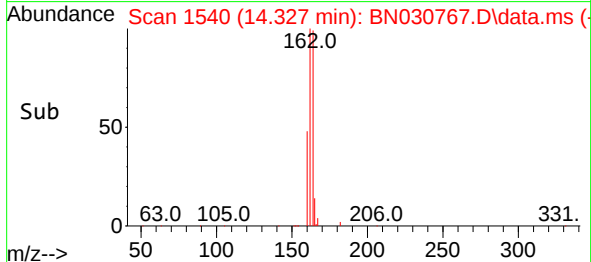
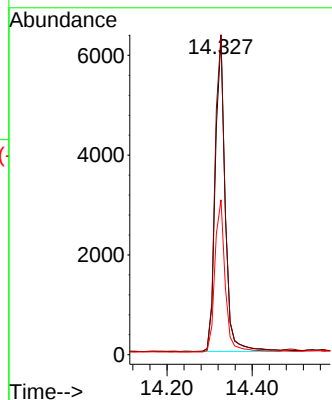
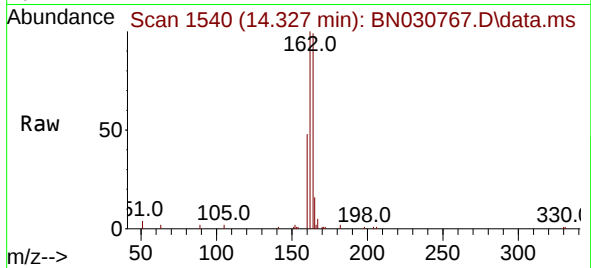




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

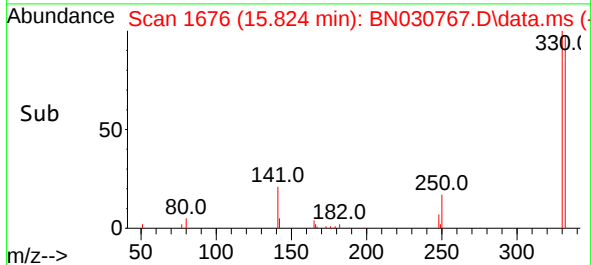
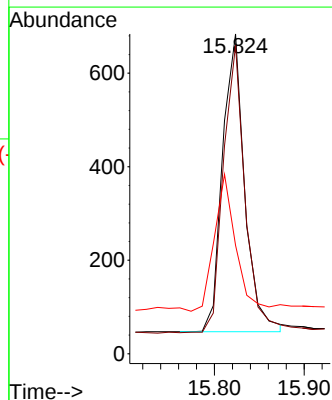
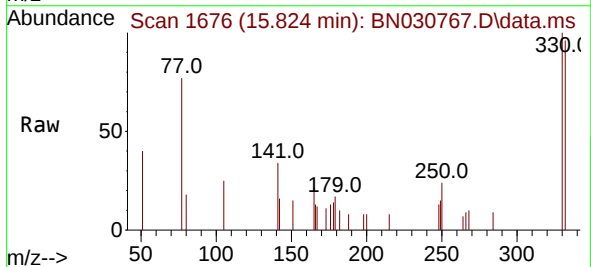
Instrument :
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ClientSampleId :
S-846-G3-SO-13-040424

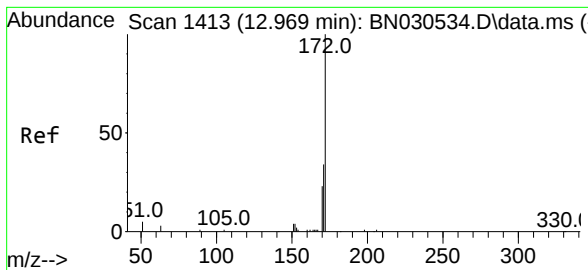
Tgt Ion:164 Resp: 10204
Ion Ratio Lower Upper
164 100
162 101.1 83.5 125.3
160 48.9 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.013 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Tgt Ion:330 Resp: 1093
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 44.2 35.9 53.9





#15

2-Fluorobiphenyl

Concen: 0.276 ng

RT: 12.947 min Scan# 1411

Delta R.T. -0.022 min

Lab File: BN030767.D

Acq: 08 Apr 2024 12:47

Instrument :

BNA_N

ClientSampleId :

S-846-G3-SO-13-040424

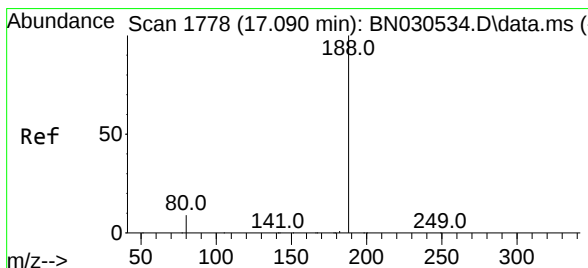
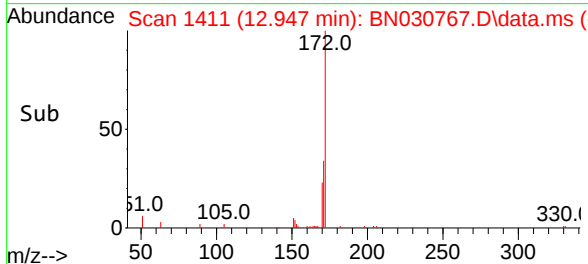
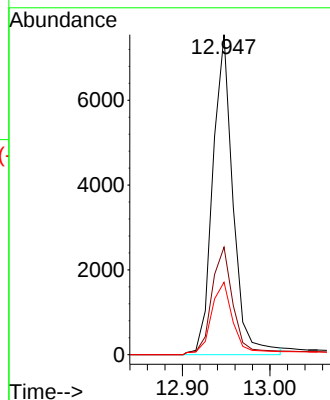
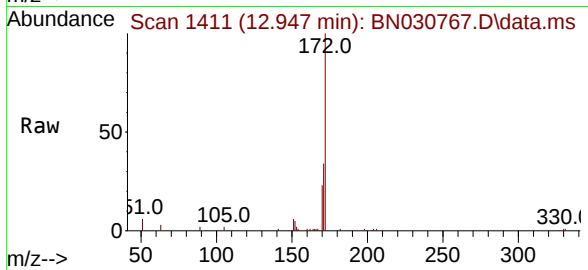
Tgt Ion:172 Resp: 10877

Ion Ratio Lower Upper

172 100

171 33.6 27.1 40.7

170 22.7 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.077 min Scan# 1777

Delta R.T. -0.013 min

Lab File: BN030767.D

Acq: 08 Apr 2024 12:47

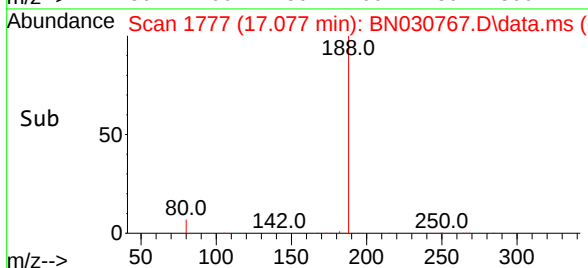
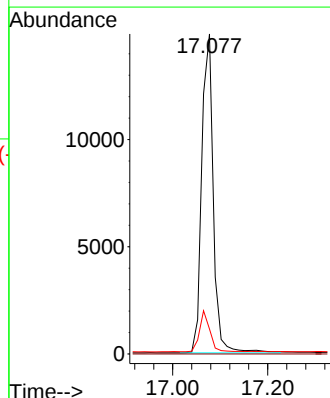
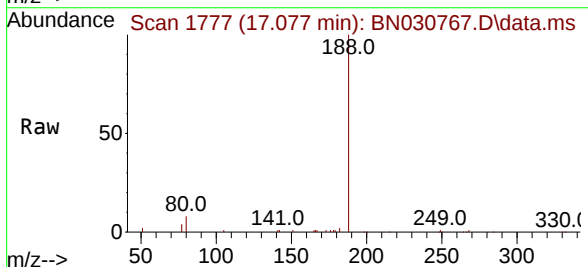
Tgt Ion:188 Resp: 25210

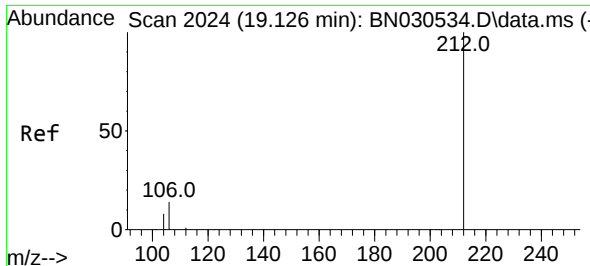
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 7.4 11.0

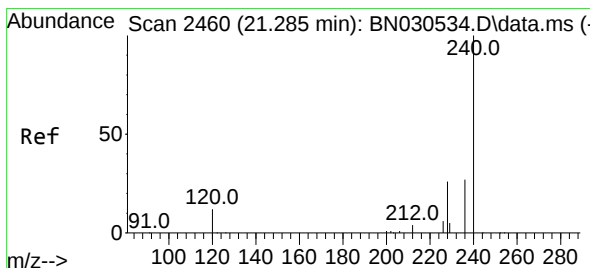
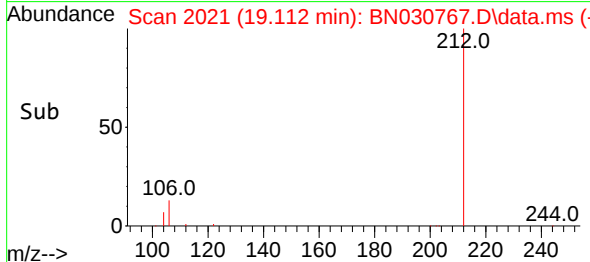
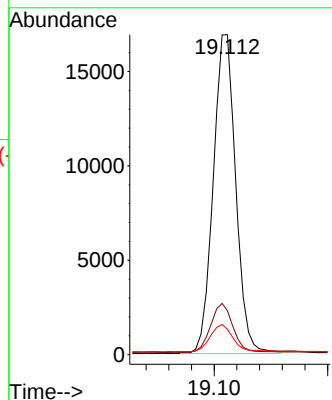
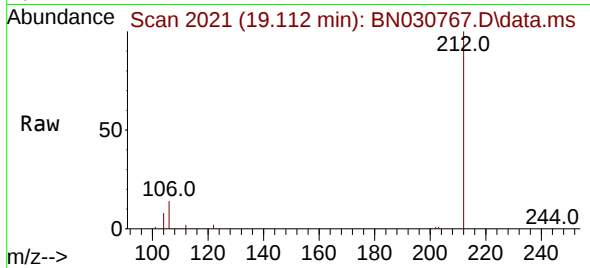




#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.112 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

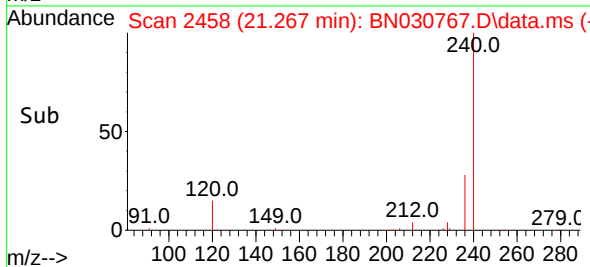
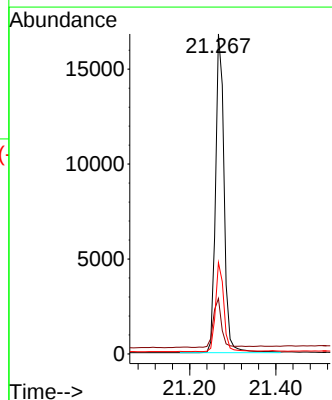
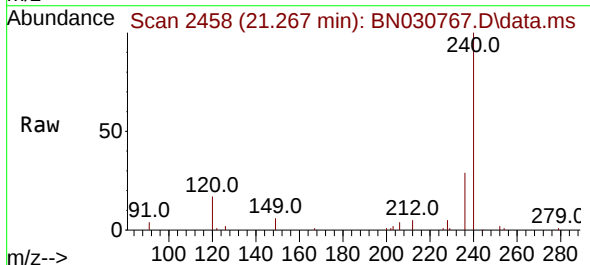
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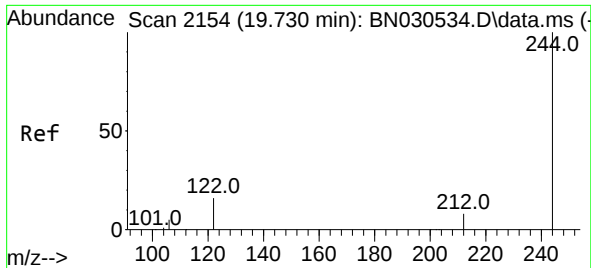
Tgt Ion:212 Resp: 23227
Ion Ratio Lower Upper
212 100
106 15.4 11.8 17.6
104 9.0 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 2458
Delta R.T. -0.018 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Tgt Ion:240 Resp: 23237
Ion Ratio Lower Upper
240 100
120 17.4 10.6 15.8#
236 28.5 22.1 33.1

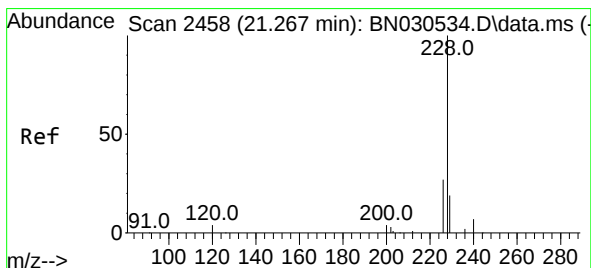
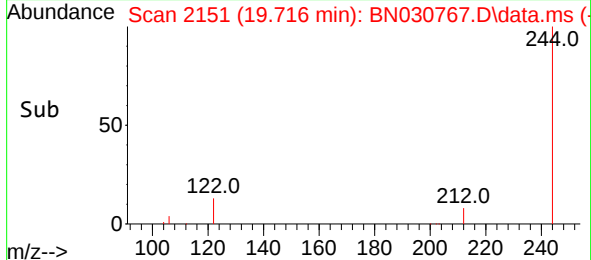
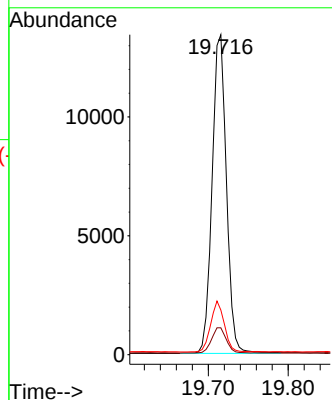
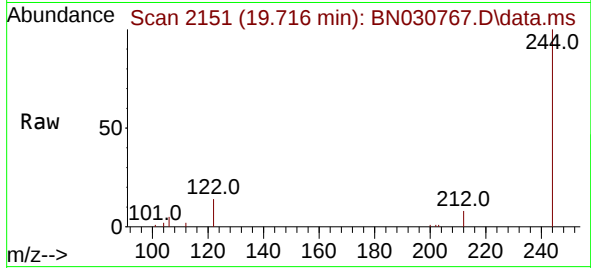




#31
 Terphenyl-d14
 Concen: 0.310 ng
 RT: 19.716 min Scan# 2151
 Delta R.T. -0.014 min
 Lab File: BN030767.D
 Acq: 08 Apr 2024 12:47

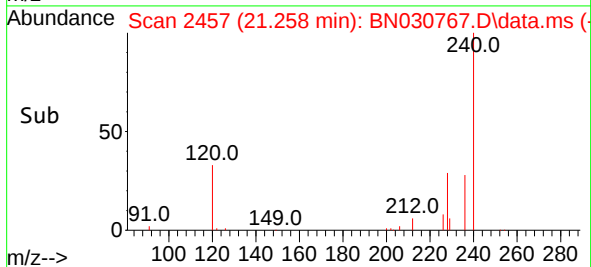
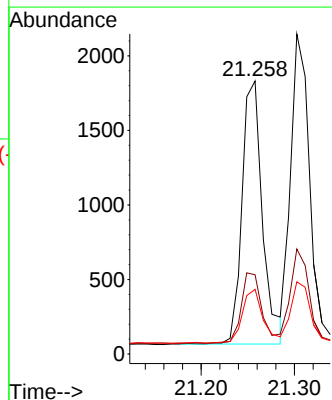
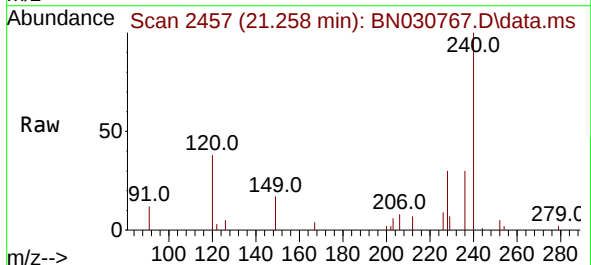
Instrument :
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 S-846-G3-SO-13-040424

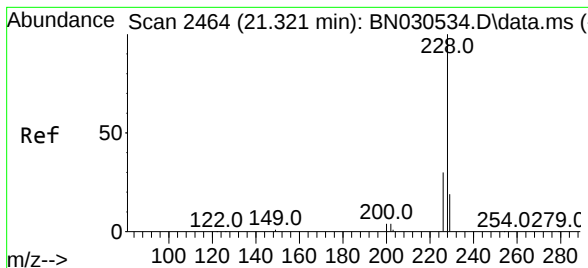
Tgt Ion:244 Resp: 16656
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 14.0 12.7 19.1



#32
 Benzo(a)anthracene
 Concen: 0.033 ng
 RT: 21.258 min Scan# 2457
 Delta R.T. -0.009 min
 Lab File: BN030767.D
 Acq: 08 Apr 2024 12:47

Tgt Ion:228 Resp: 2693
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.8 32.8
 229 23.7 15.4 23.2#





#33

Chrysene

Concen: 0.033 ng

RT: 21.303 min Scan# 2462

Delta R.T. -0.018 min

Lab File: BN030767.D

Acq: 08 Apr 2024 12:47

Instrument :

BNA_N

ClientSampleId :

S-846-G3-SO-13-040424

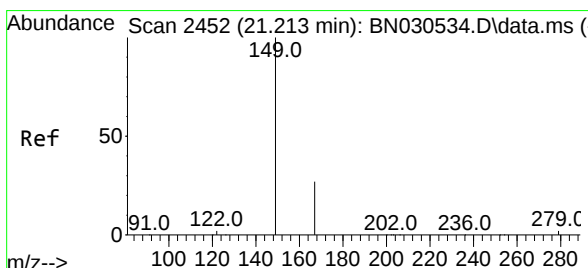
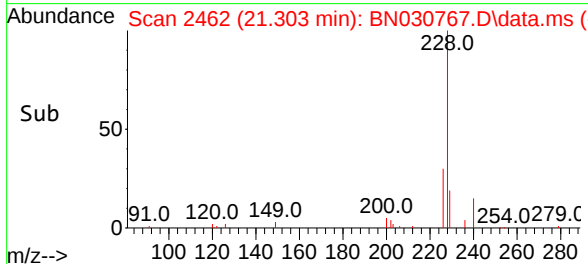
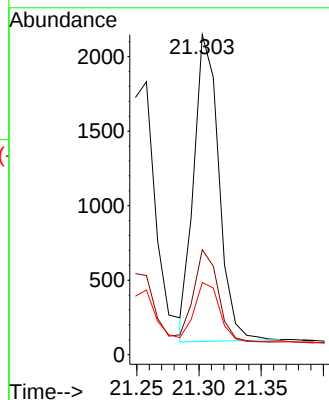
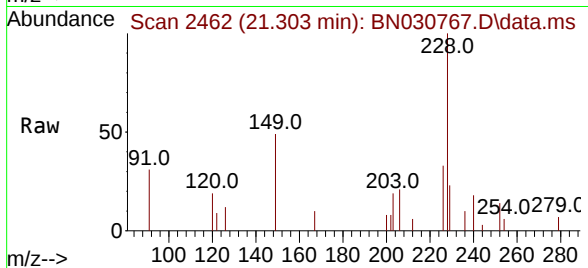
Tgt Ion:228 Resp: 2877

Ion Ratio Lower Upper

228 100

226 32.8 24.3 36.5

229 22.5 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.162 ng

RT: 21.186 min Scan# 2449

Delta R.T. -0.027 min

Lab File: BN030767.D

Acq: 08 Apr 2024 12:47

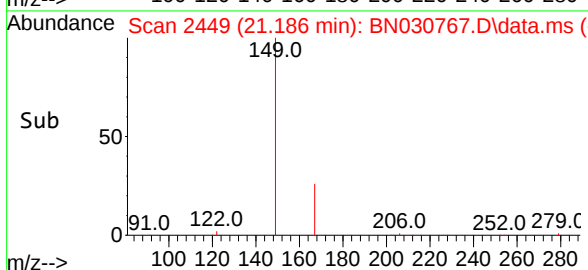
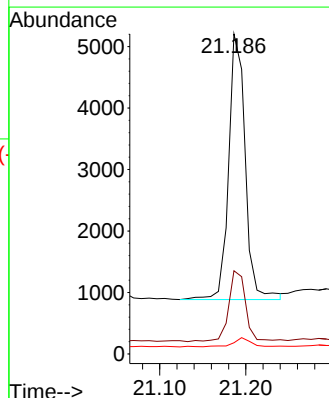
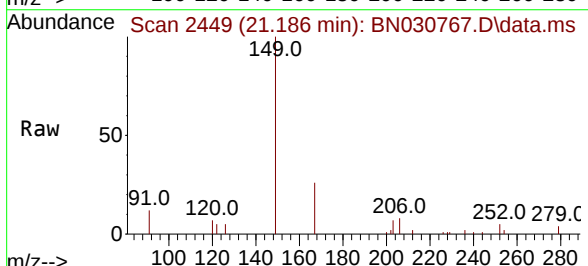
Tgt Ion:149 Resp: 5775

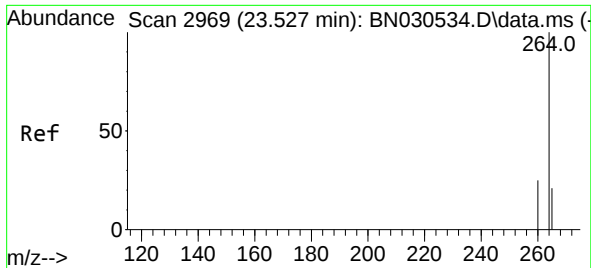
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

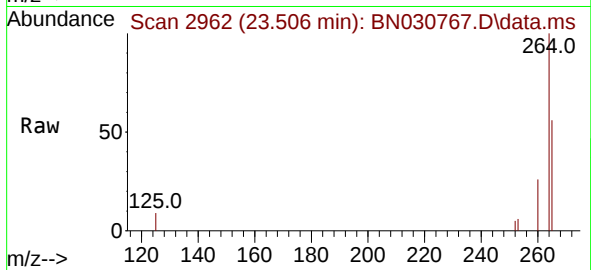
279 3.5 2.3 3.5#



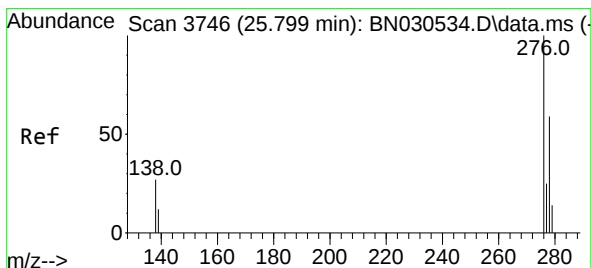
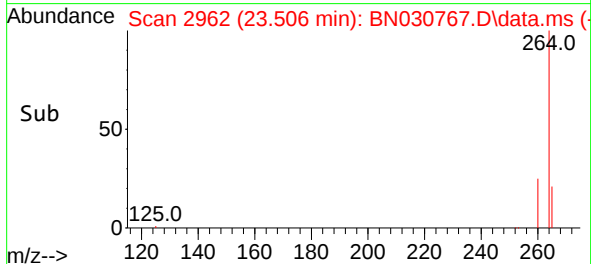
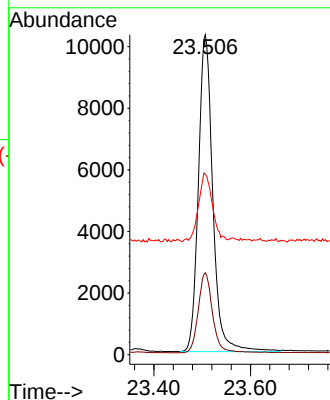


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.506 min Scan# 2962
Delta R.T. -0.021 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Instrument :
BNA_N
ClientSampleId :
S-846-G3-SO-13-040424

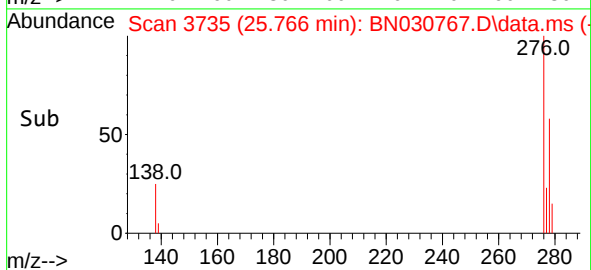
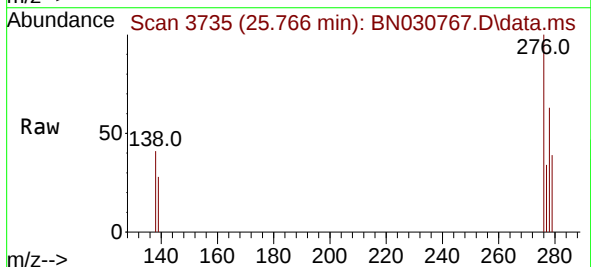
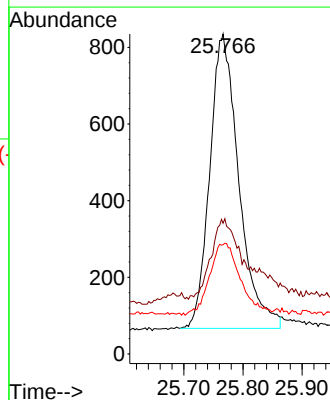


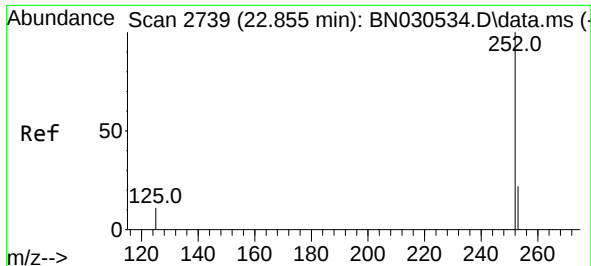
Tgt Ion:264 Resp: 21311
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 56.3 41.8 62.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng
RT: 25.766 min Scan# 3735
Delta R.T. -0.033 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

Tgt Ion:276 Resp: 2624
Ion Ratio Lower Upper
276 100
138 25.6 23.0 34.4
277 26.1 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.831 min Scan# 21

Delta R.T. -0.024 min

Lab File: BN030767.D

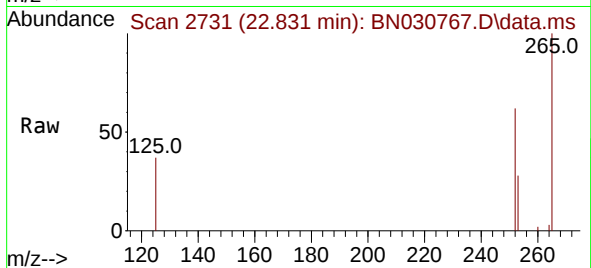
Acq: 08 Apr 2024 12:47

Instrument :

BNA_N

ClientSampleId :

S-846-G3-SO-13-040424



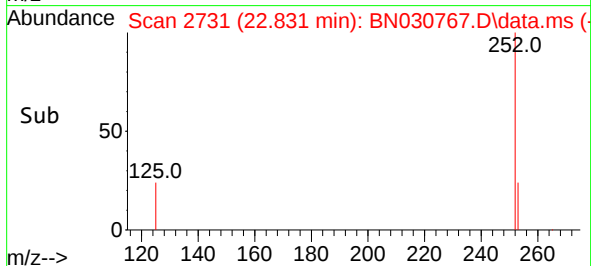
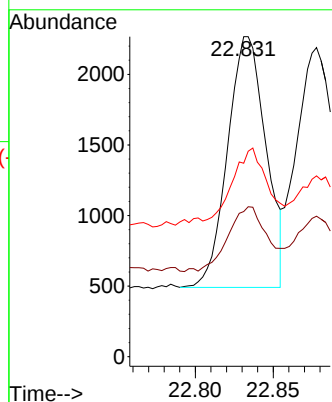
Tgt Ion:252 Resp: 3046

Ion Ratio Lower Upper

252 100

253 45.3 19.2 28.8#

125 60.4 11.7 17.5#



#38

Benzo(k)fluoranthene

Concen: 0.035 ng

RT: 22.878 min Scan# 2747

Delta R.T. -0.021 min

Lab File: BN030767.D

Acq: 08 Apr 2024 12:47

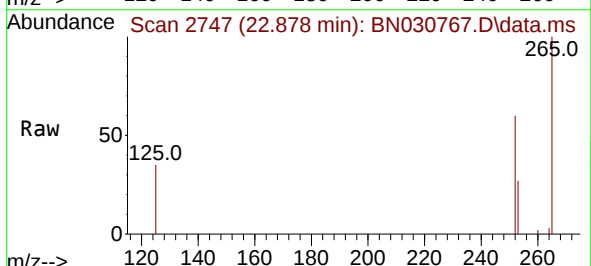
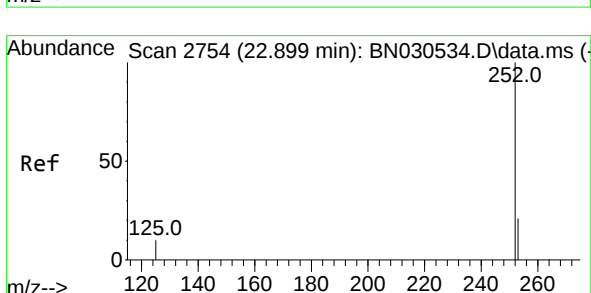
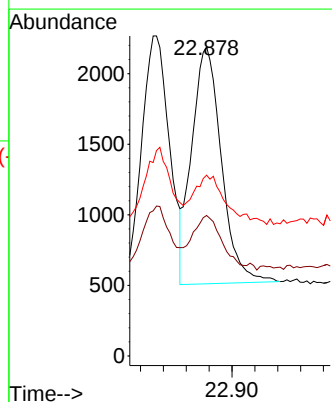
Tgt Ion:252 Resp: 3032

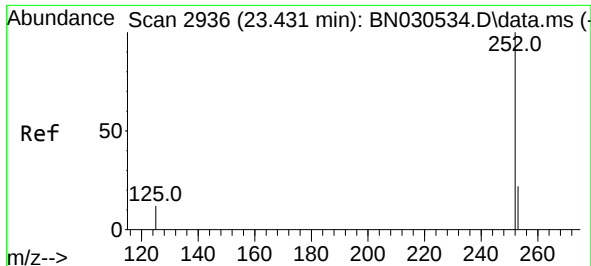
Ion Ratio Lower Upper

252 100

253 45.4 18.9 28.3#

125 58.5 11.5 17.3#

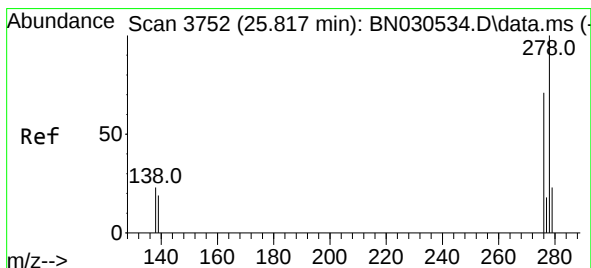
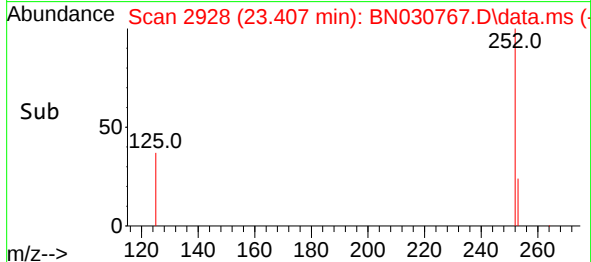
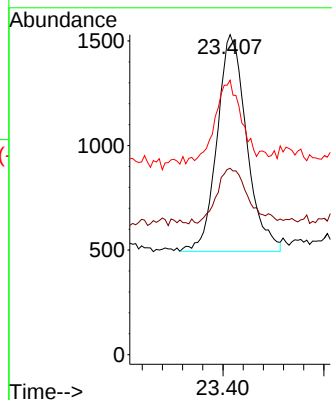
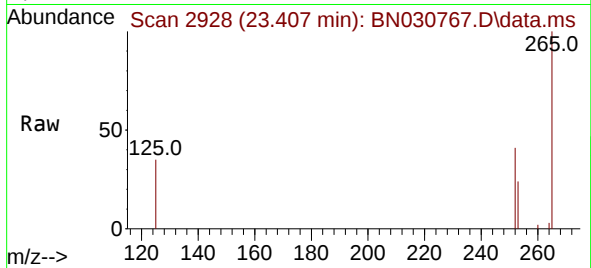




#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.407 min Scan# 2936
Delta R.T. -0.024 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

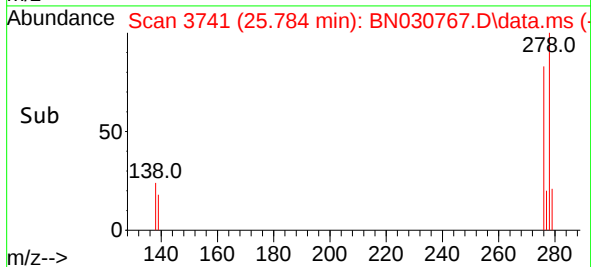
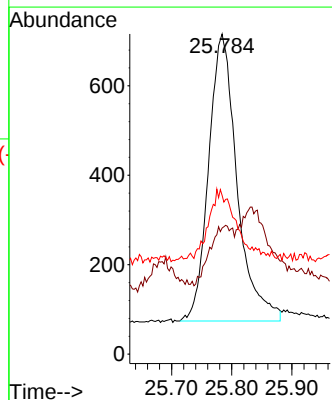
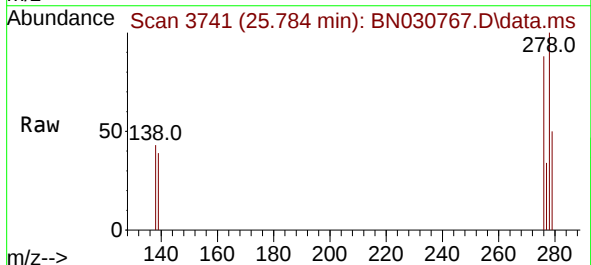
Instrument :
BNA_N
ClientSampleId :
S-846-G3-SO-13-040424

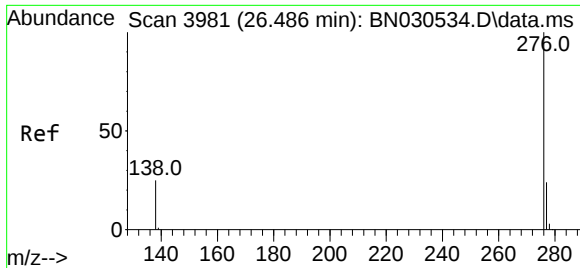
Tgt Ion:252 Resp: 2109
Ion Ratio Lower Upper
252 100
253 58.2 20.0 30.0#
125 85.8 14.3 21.5#



#40
Dibenzo(a,h)anthracene
Concen: 0.028 ng
RT: 25.784 min Scan# 3741
Delta R.T. -0.033 min
Lab File: BN030767.D
Acq: 08 Apr 2024 12:47

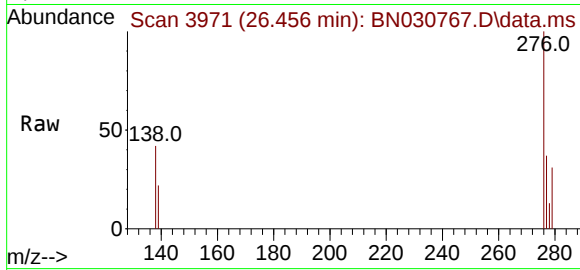
Tgt Ion:278 Resp: 2107
Ion Ratio Lower Upper
278 100
139 39.4 16.2 24.2#
279 49.6 20.6 30.8#





#41
 Benzo(g,h,i)perylene
 Concen: 0.026 ng
 RT: 26.456 min Scan# 3981
 Delta R.T. -0.030 min
 Lab File: BN030767.D
 Acq: 08 Apr 2024 12:47

Instrument :
 BNA_N
 ClientSampleId :
 S-846-G3-SO-13-040424



Tgt Ion: 276 Resp: 2087

Ion	Ratio	Lower	Upper
276	100		
277	37.4	19.8	29.6#
138	41.5	20.6	31.0#

