

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032067.D
 Acq On : 19 Jun 2024 13:17
 Operator : MA/JU
 Sample : P2928-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-520-522MS

Quant Time: Jun 19 13:42:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

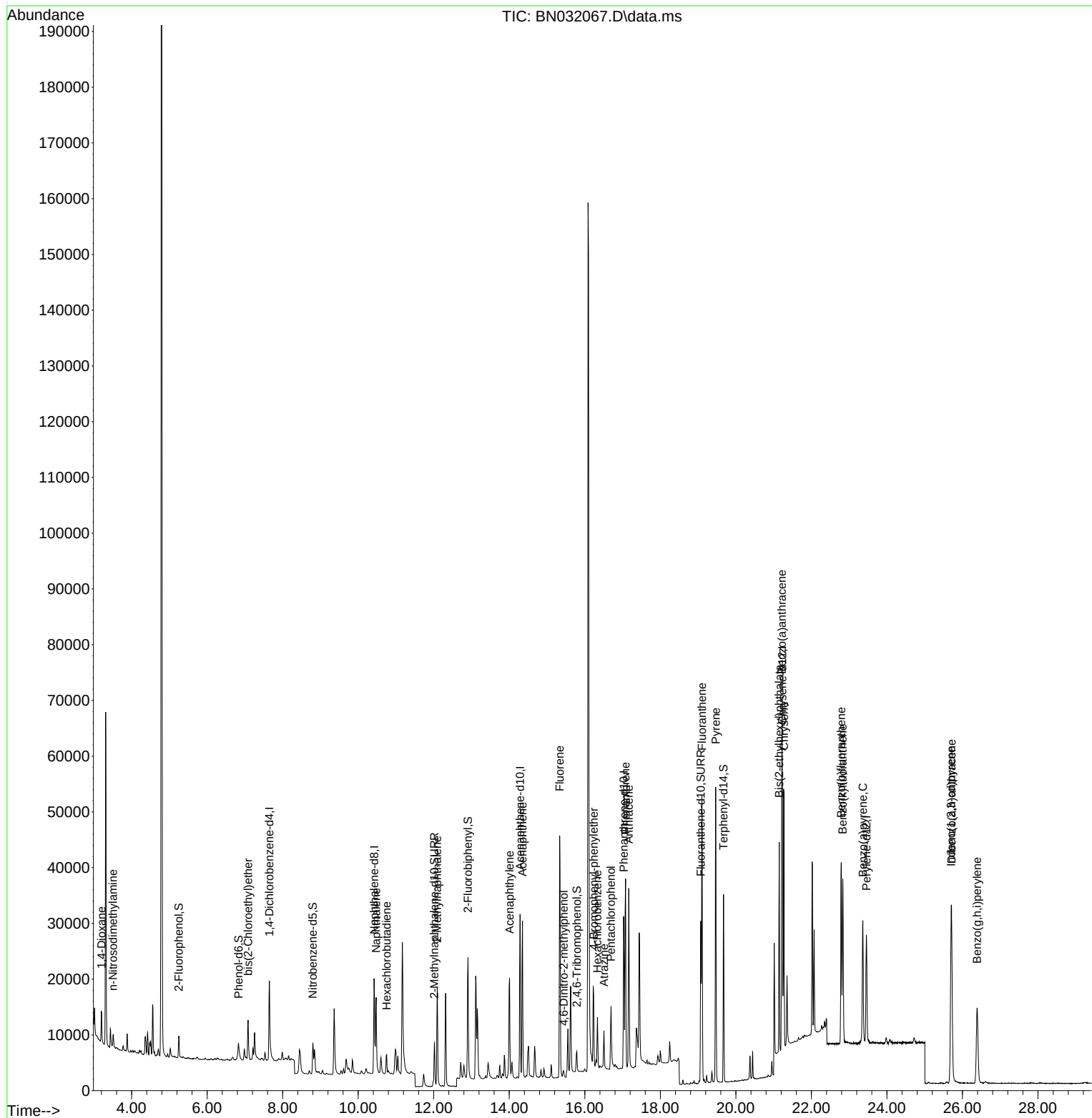
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7489	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	25644	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	17097	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	37783	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	30898	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	26802	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3665	0.172	ng	0.00
5) Phenol-d6	6.830	99	3604	0.129	ng	0.00
8) Nitrobenzene-d5	8.798	82	5487	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	13121	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2487	0.303	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	21740	0.335	ng	0.00
27) Fluoranthene-d10	19.073	212	32297	0.314	ng	0.00
31) Terphenyl-d14	19.672	244	33291	0.441	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	3923	0.428	ng	# 87
3) n-Nitrosodimethylamine	3.508	42	1371	0.157	ng	# 97
6) bis(2-Chloroethyl)ether	7.083	93	6017	0.250	ng	97
9) Naphthalene	10.475	128	19031	0.276	ng	99
10) Hexachlorobutadiene	10.752	225	3121	0.259	ng	# 99
12) 2-Methylnaphthalene	12.092	142	13801	0.293	ng	99
16) Acenaphthylene	14.007	152	22682	0.288	ng	100
17) Acenaphthene	14.349	154	14587	0.288	ng	99
18) Fluorene	15.333	166	21194	0.313	ng	99
20) 4,6-Dinitro-2-methylph...	15.440	198	1049	0.307	ng	# 67
21) 4-Bromophenyl-phenylether	16.234	248	6603	0.308	ng	# 92
22) Hexachlorobenzene	16.334	284	6828	0.307	ng	99
23) Atrazine	16.507	200	5056	0.258	ng	99
24) Pentachlorophenol	16.694	266	6890	0.658	ng	100
25) Phenanthrene	17.078	178	38844	0.370	ng	99
26) Anthracene	17.165	178	34321	0.353	ng	100
28) Fluoranthene	19.100	202	46927	0.369	ng	99
30) Pyrene	19.467	202	48980	0.399	ng	100
32) Benzo(a)anthracene	21.220	228	44466	0.382	ng	99
33) Chrysene	21.274	228	41445	0.377	ng	99
34) Bis(2-ethylhexyl)phtha...	21.148	149	31744	0.400	ng	100
36) Indeno(1,2,3-cd)pyrene	25.700	276	38130	0.381	ng	99
37) Benzo(b)fluoranthene	22.788	252	38759	0.397	ng	99
38) Benzo(k)fluoranthene	22.829	252	38796	0.420	ng	100
39) Benzo(a)pyrene	23.361	252	32501	0.386	ng	98
40) Dibenzo(a,h)anthracene	25.709	278	30117	0.382	ng	98
41) Benzo(g,h,i)perylene	26.387	276	29271	0.346	ng	98

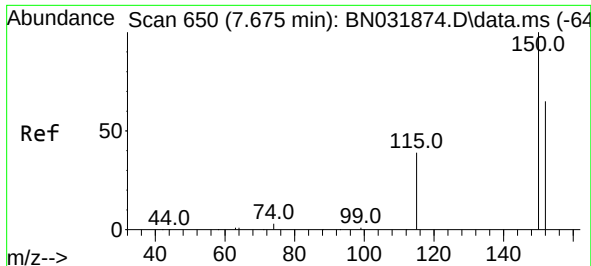
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032067.D
Acq On : 19 Jun 2024 13:17
Operator : MA/JU
Sample : P2928-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS

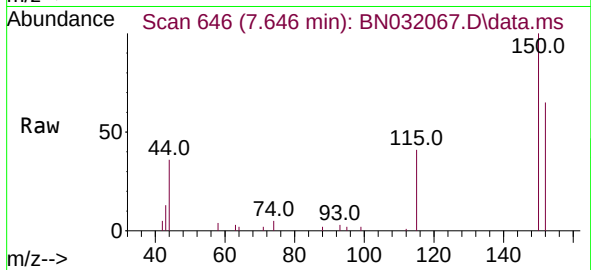
Quant Time: Jun 19 13:42:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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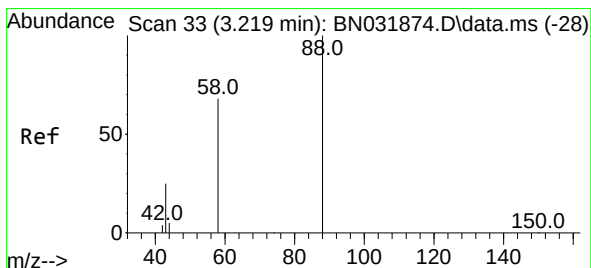
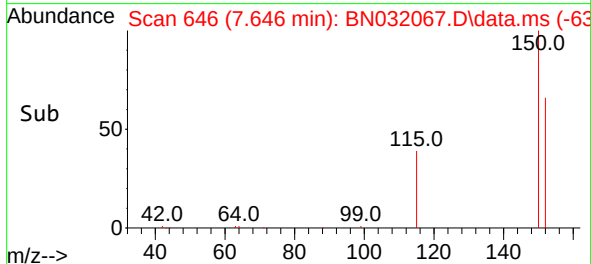
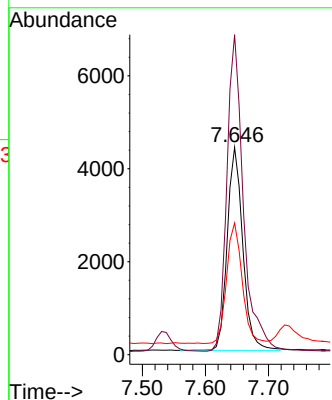
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN032067.D
 Acq: 19 Jun 2024 13:17

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-520-522MS



Tgt Ion:152 Resp: 7489

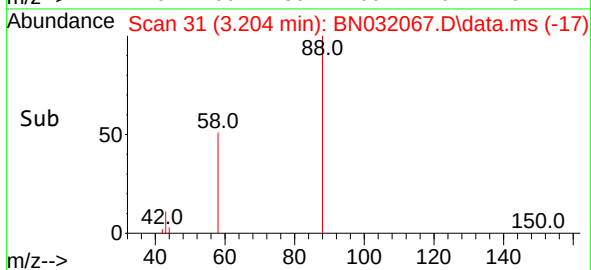
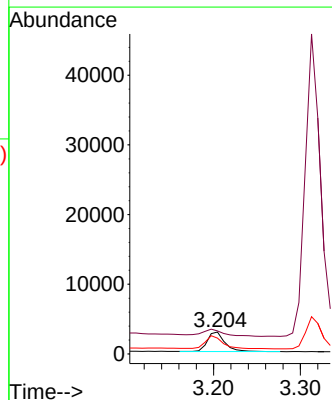
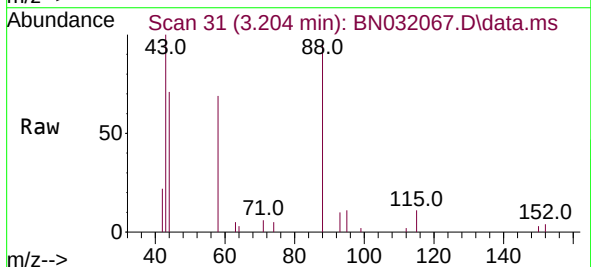
Ion	Ratio	Lower	Upper
152	100		
150	154.3	121.0	181.4
115	63.5	49.4	74.0

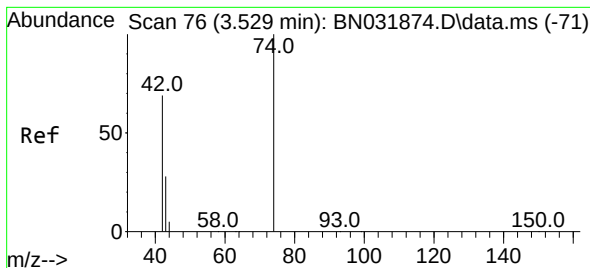


#2
 1,4-Dioxane
 Concen: 0.428 ng
 RT: 3.204 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN032067.D
 Acq: 19 Jun 2024 13:17

Tgt Ion: 88 Resp: 3923

Ion	Ratio	Lower	Upper
88	100		
43	43.9	22.7	34.1
58	68.7	51.3	76.9





#3

n-Nitrosodimethylamine

Concen: 0.157 ng

RT: 3.508 min Scan# 71

Delta R.T. -0.007 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

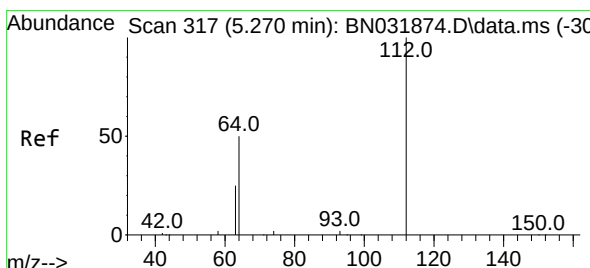
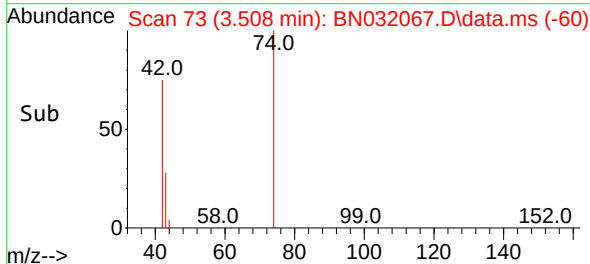
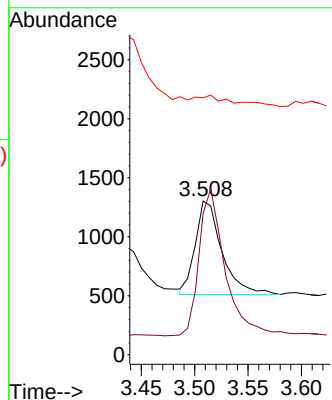
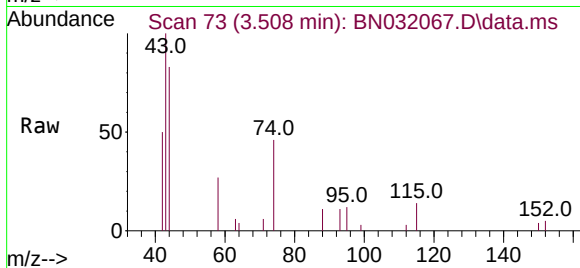
Tgt Ion: 42 Resp: 1371

Ion Ratio Lower Upper

42 100

74 154.1 125.2 187.8

44 16.8 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.248 min Scan# 314

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

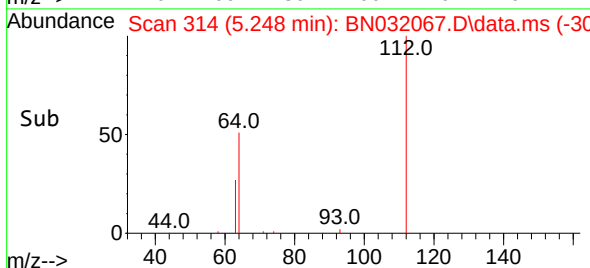
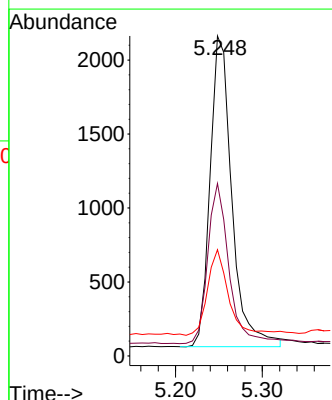
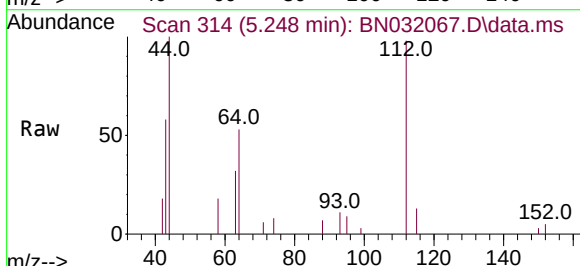
Tgt Ion: 112 Resp: 3665

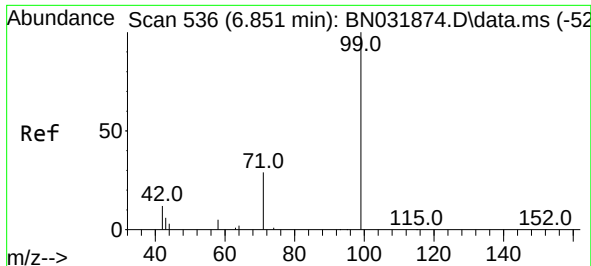
Ion Ratio Lower Upper

112 100

64 50.3 42.4 63.6

63 26.8 22.1 33.1





#5

Phenol-d6

Concen: 0.129 ng

RT: 6.830 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN032067.D

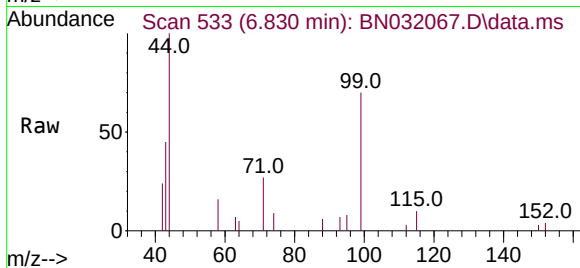
Acq: 19 Jun 2024 13:17

Instrument :

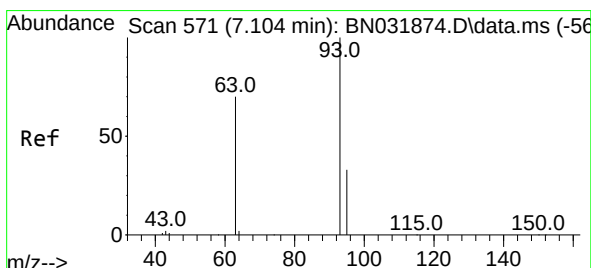
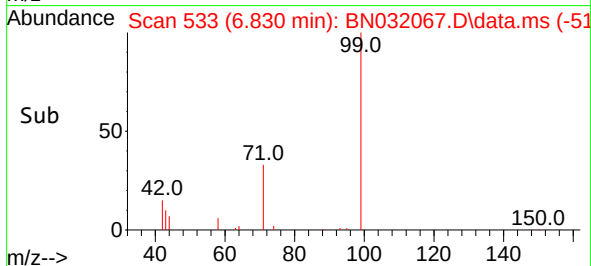
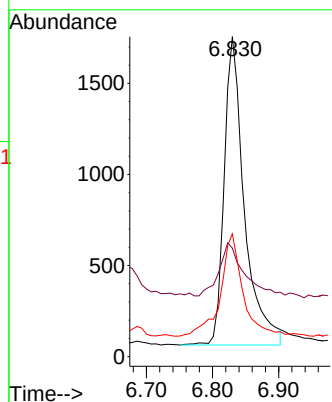
BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS



Tgt Ion:	99	Resp:	3604
Ion Ratio	100	Lower	Upper
42	20.7	12.8	19.2
71	36.3	25.4	38.2



#6

bis(2-Chloroethyl)ether

Concen: 0.250 ng

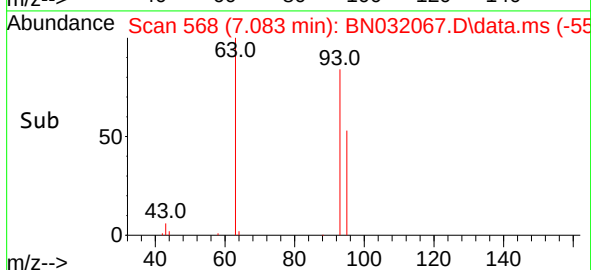
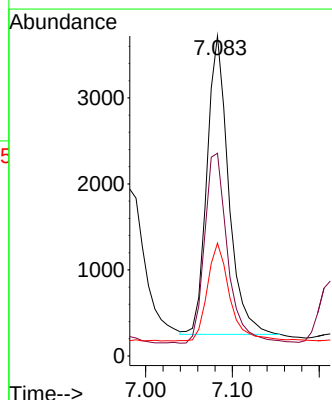
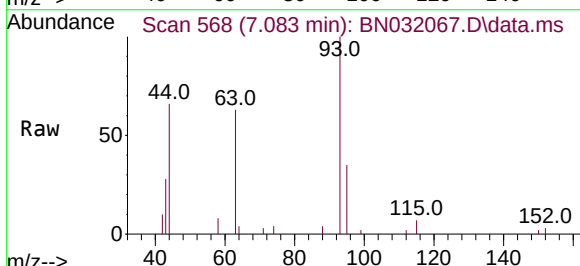
RT: 7.083 min Scan# 568

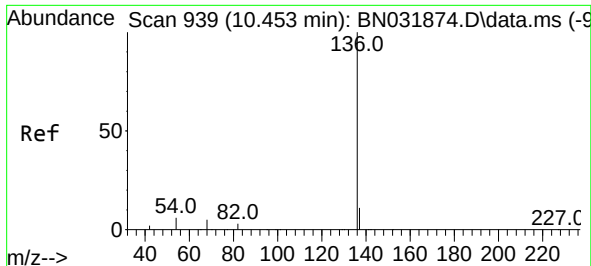
Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Tgt Ion:	93	Resp:	6017
Ion Ratio	100	Lower	Upper
63	67.7	56.2	84.2
95	33.8	26.4	39.6

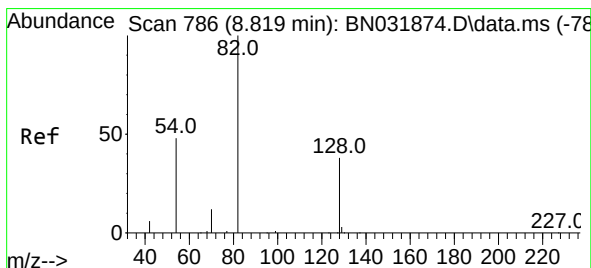
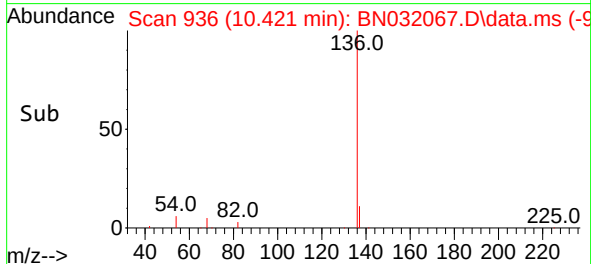
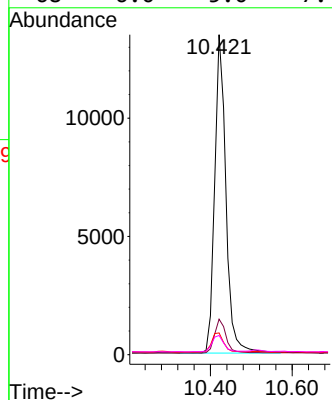
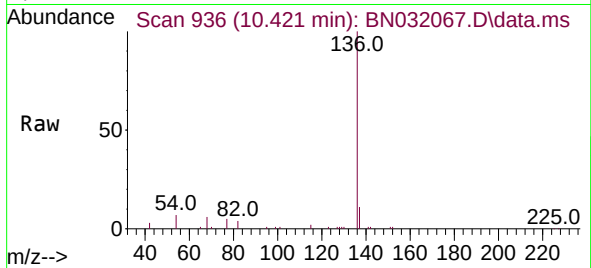




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

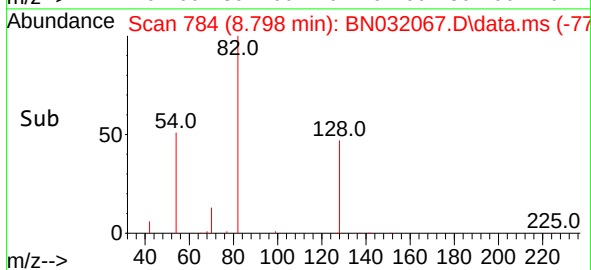
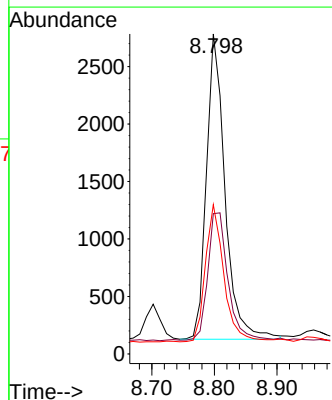
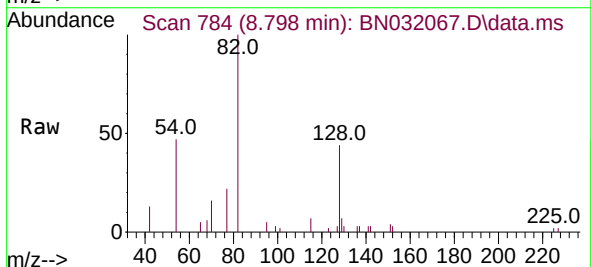
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS

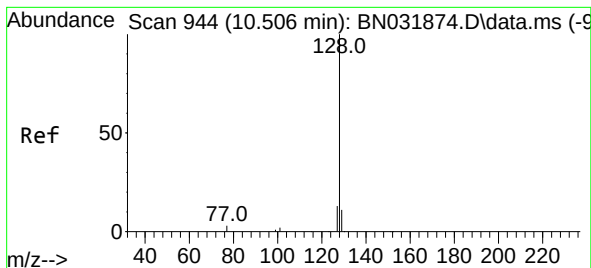
Tgt Ion:	136	Resp:	25644
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.8	5.6	8.4
68	6.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Tgt Ion:	82	Resp:	5487
Ion Ratio	Lower	Upper	
82	100		
128	43.9	32.1	48.1
54	46.6	39.7	59.5





#9

Naphthalene

Concen: 0.276 ng

RT: 10.475 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

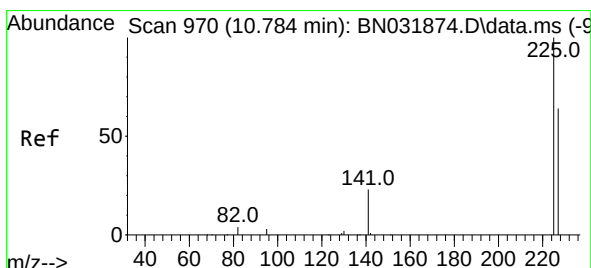
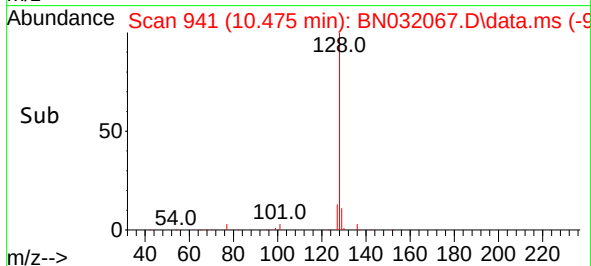
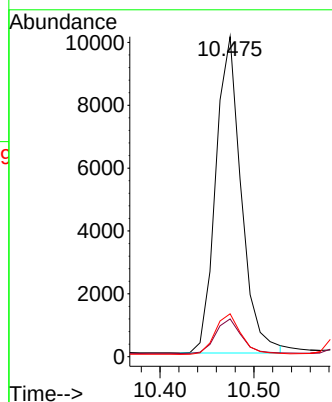
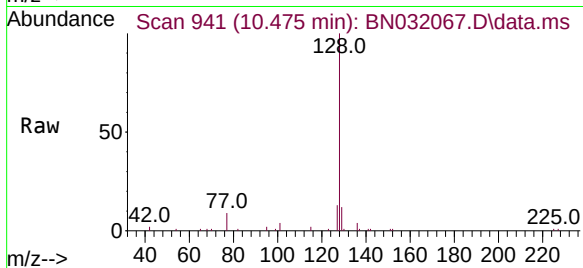
Tgt Ion:128 Resp: 19031

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

127 13.4 10.5 15.7



#10

Hexachlorobutadiene

Concen: 0.259 ng

RT: 10.752 min Scan# 967

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

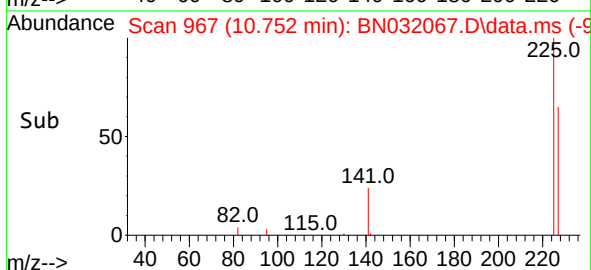
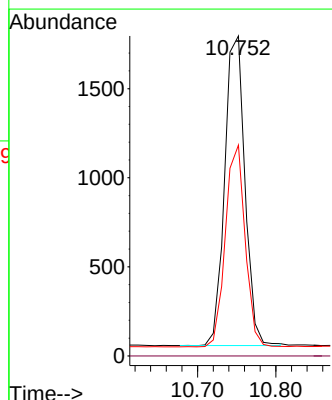
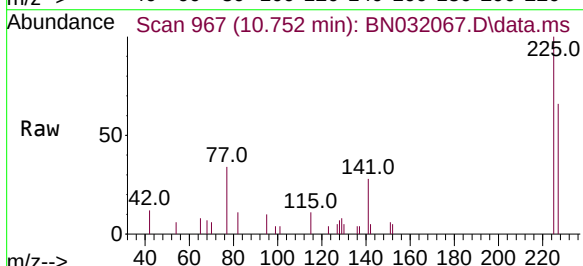
Tgt Ion:225 Resp: 3121

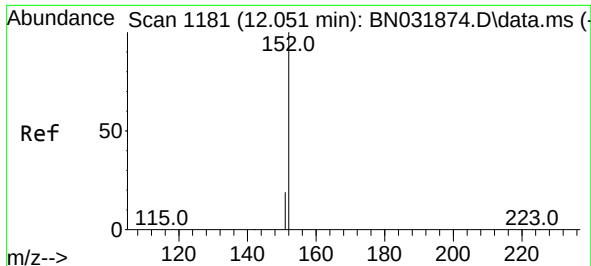
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.7 50.6 75.8

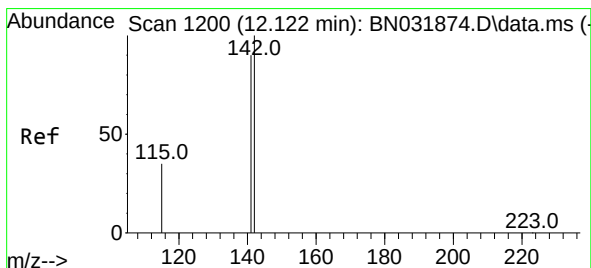
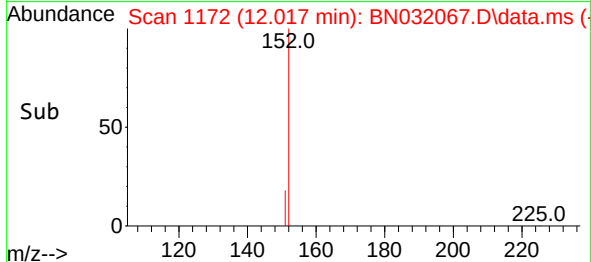
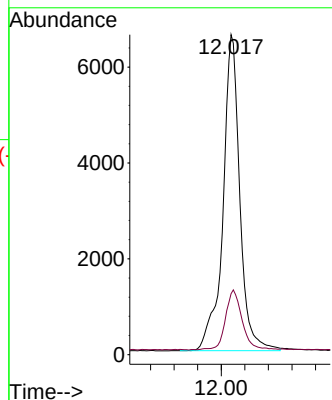
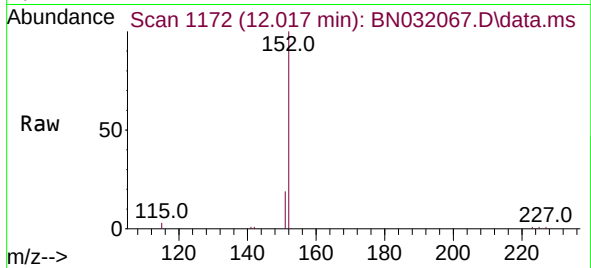




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.017 min Scan# 1192
Delta R.T. -0.004 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

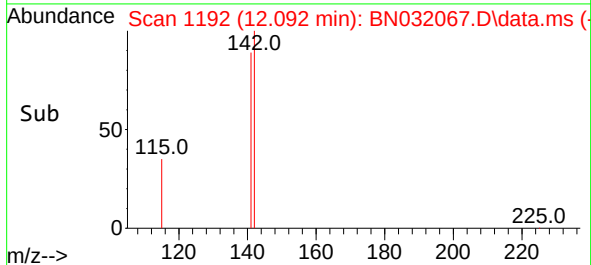
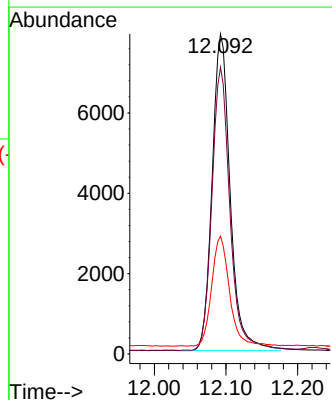
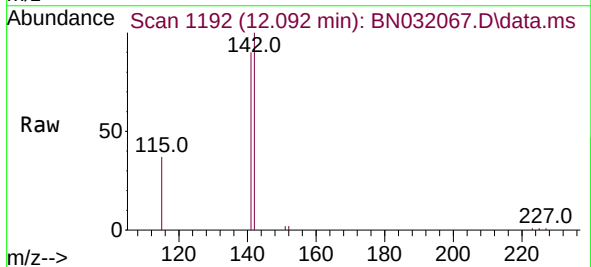
Instrument :
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BP-VPB-196-GW-520-522MS

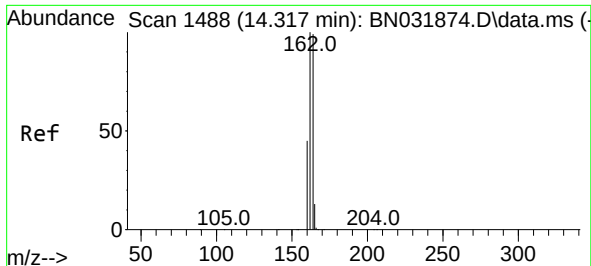
Tgt Ion:152 Resp: 13121
Ion Ratio Lower Upper
152 100
151 18.4 16.3 24.5



#12
2-Methylnaphthalene
Concen: 0.293 ng
RT: 12.092 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Tgt Ion:142 Resp: 13801
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2
115 36.8 28.6 43.0

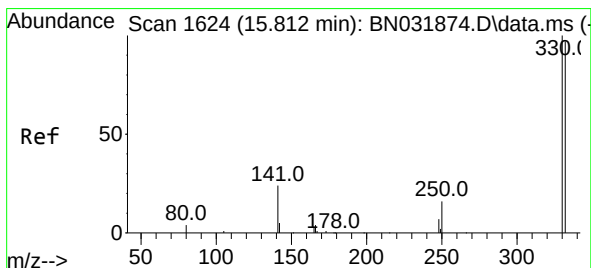
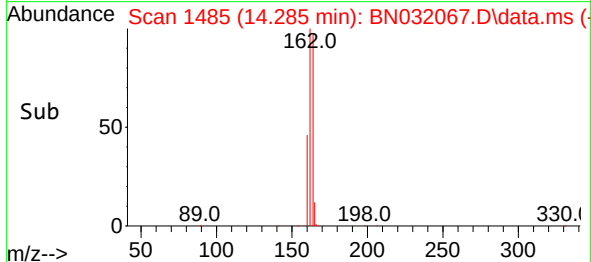
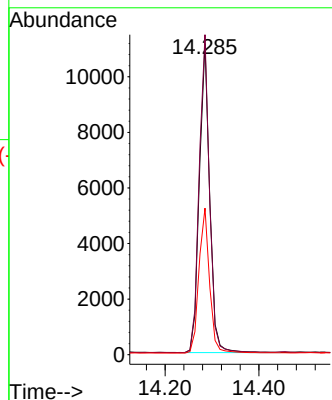
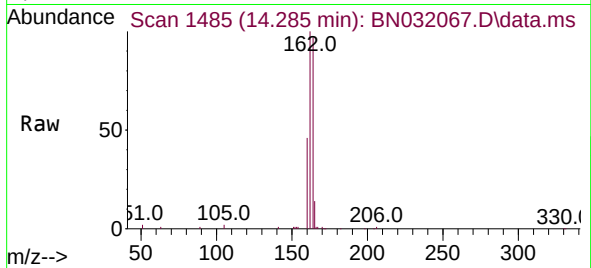




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.285 min Scan# 1485
 Delta R.T. 0.000 min
 Lab File: BN032067.D
 Acq: 19 Jun 2024 13:17

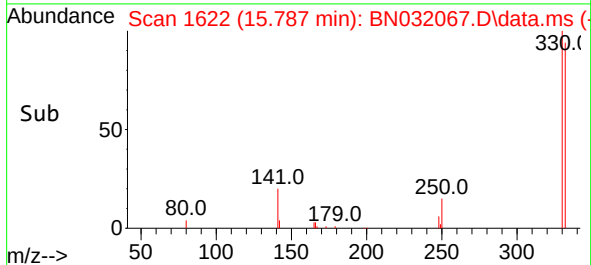
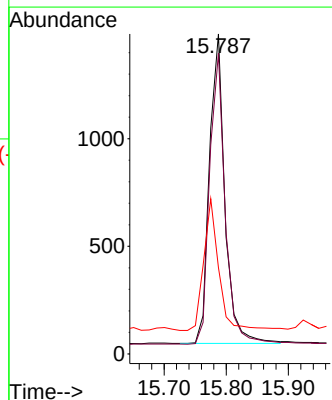
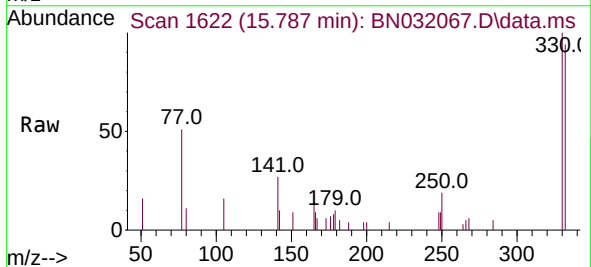
Instrument :
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 ClientSampleId :
 BP-VPB-196-GW-520-522MS

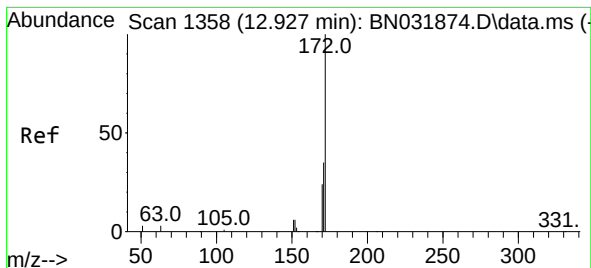
Tgt Ion:164 Resp: 17097
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.7 121.1
 160 47.1 36.2 54.4



#14
 2,4,6-Tribromophenol
 Concen: 0.303 ng
 RT: 15.787 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BN032067.D
 Acq: 19 Jun 2024 13:17

Tgt Ion:330 Resp: 2487
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.5 116.3
 141 41.3 34.7 52.1





#15

2-Fluorobiphenyl

Concen: 0.335 ng

RT: 12.906 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

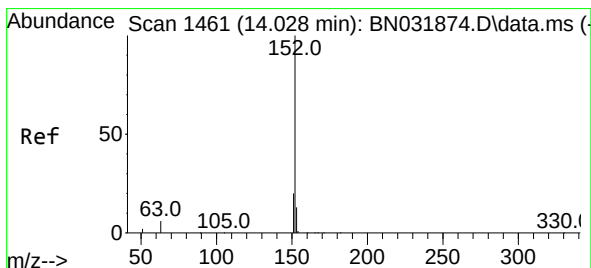
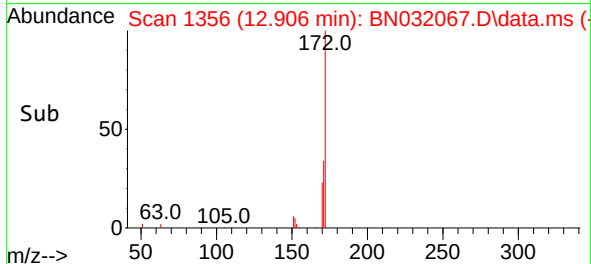
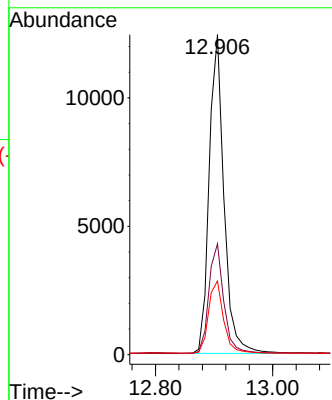
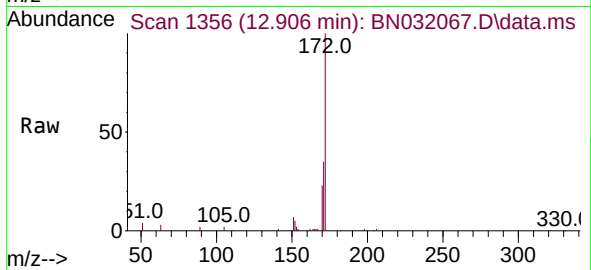
Tgt Ion:172 Resp: 21740

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.0 19.2 28.8



#16

Acenaphthylene

Concen: 0.288 ng

RT: 14.007 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

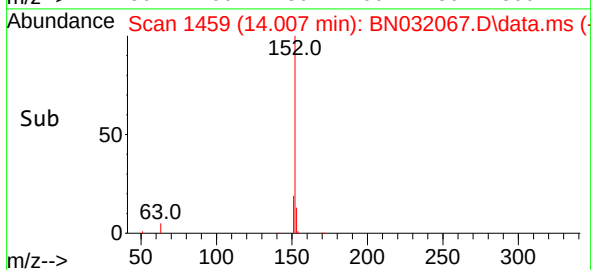
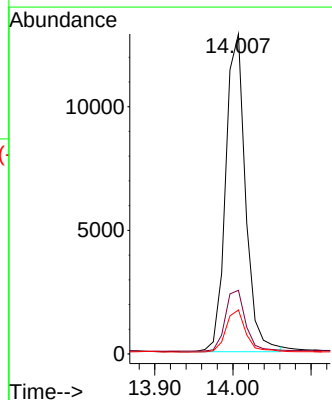
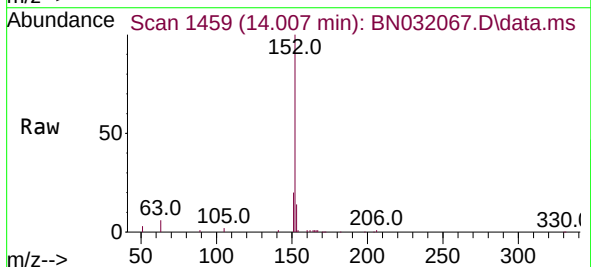
Tgt Ion:152 Resp: 22682

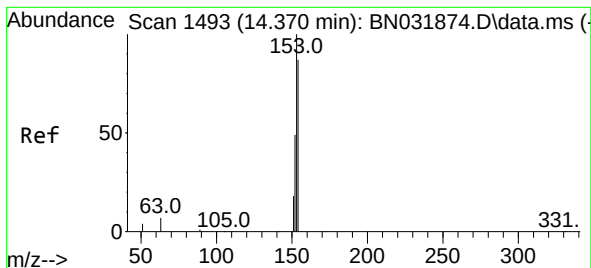
Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.288 ng

RT: 14.349 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

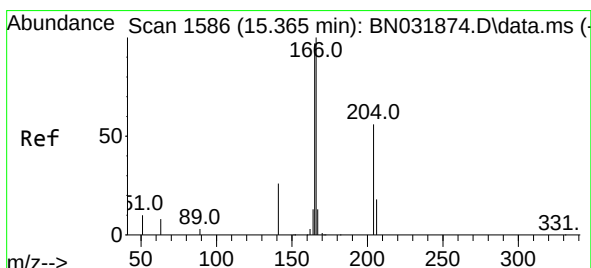
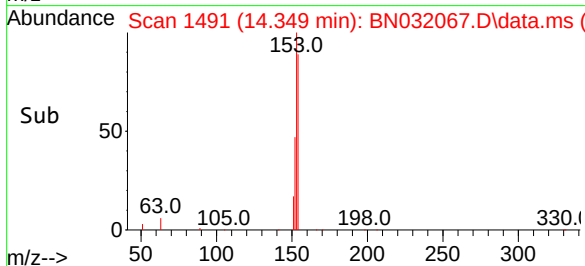
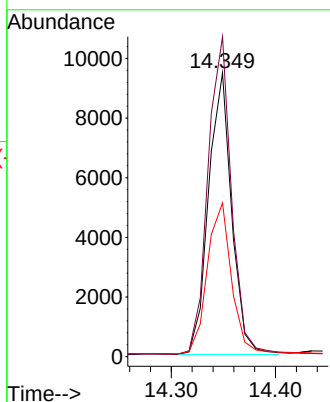
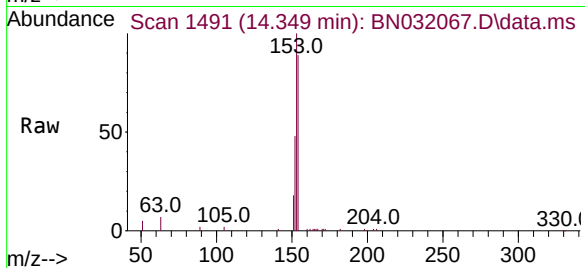
Tgt Ion:154 Resp: 14587

Ion Ratio Lower Upper

154 100

153 114.5 90.8 136.2

152 55.7 44.3 66.5



#18

Fluorene

Concen: 0.313 ng

RT: 15.333 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

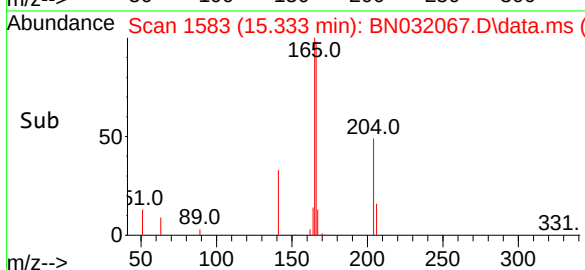
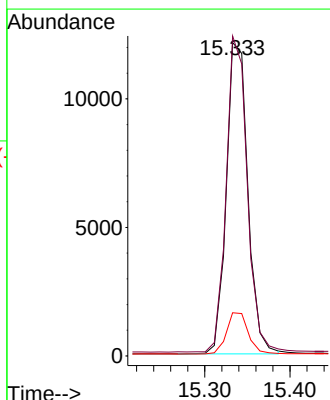
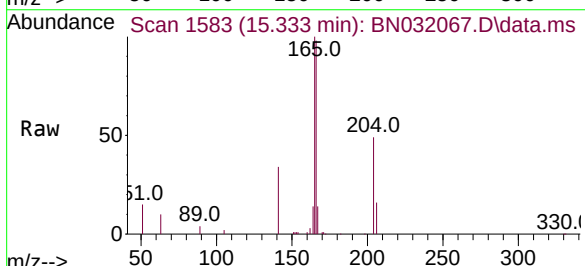
Tgt Ion:166 Resp: 21194

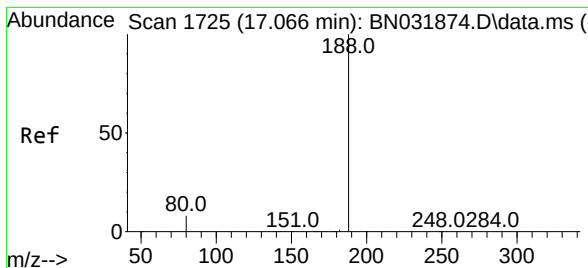
Ion Ratio Lower Upper

166 100

165 99.0 78.3 117.5

167 13.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

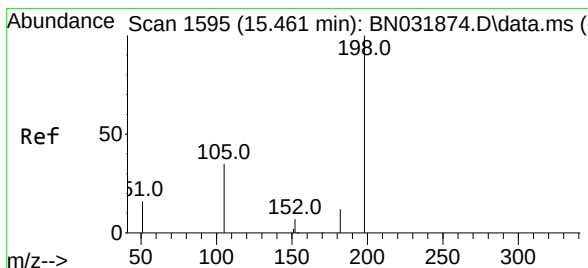
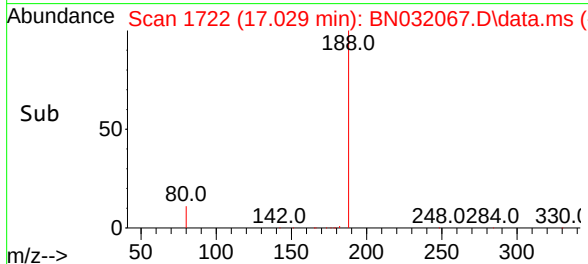
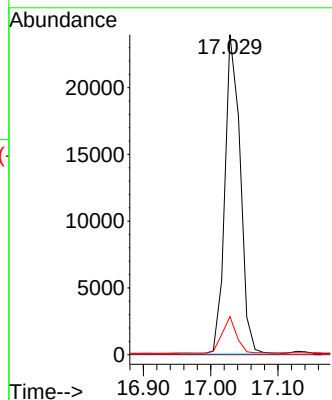
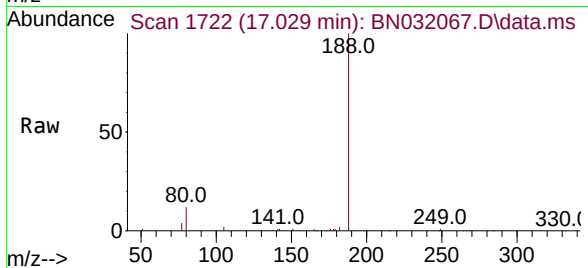
Tgt Ion:188 Resp: 37783

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.307 ng

RT: 15.440 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

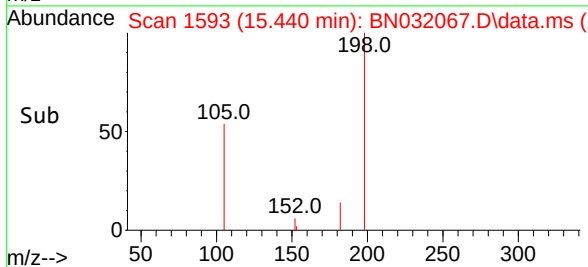
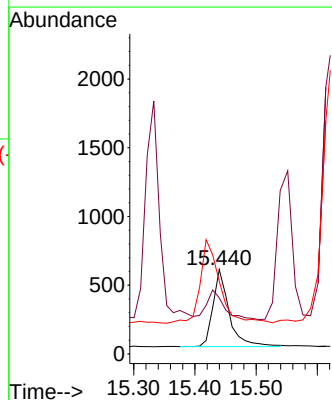
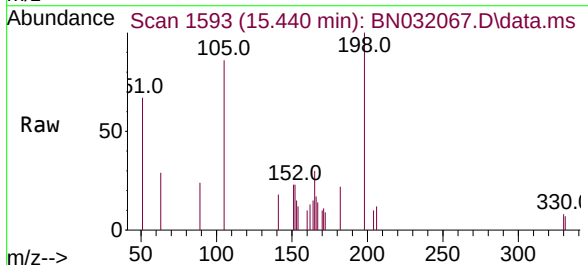
Tgt Ion:198 Resp: 1049

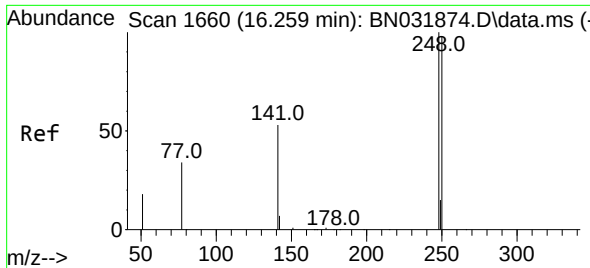
Ion Ratio Lower Upper

198 100

51 66.6 42.7 64.1#

105 86.3 41.8 62.8#

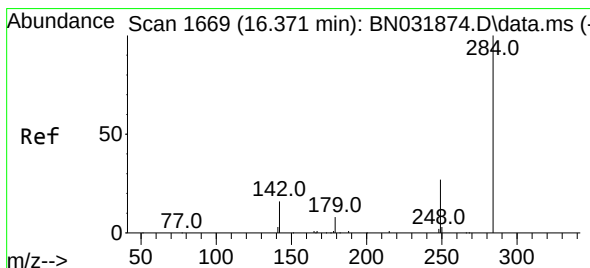
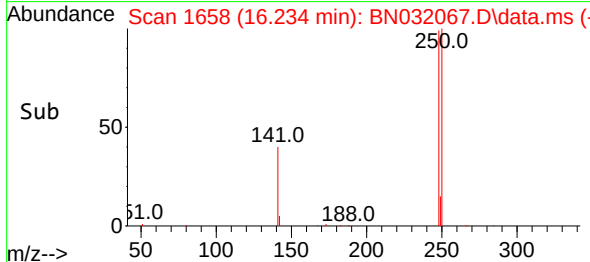
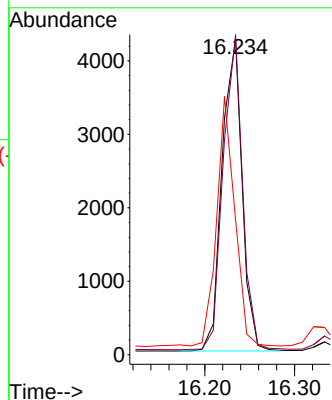
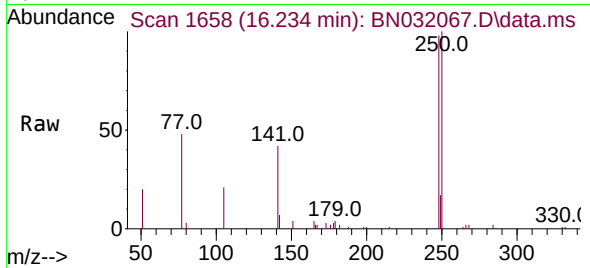




#21
4-Bromophenyl-phenylether
Concen: 0.308 ng
RT: 16.234 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

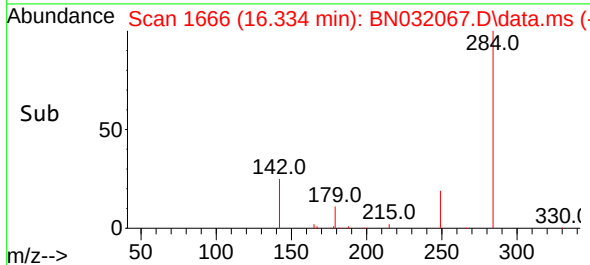
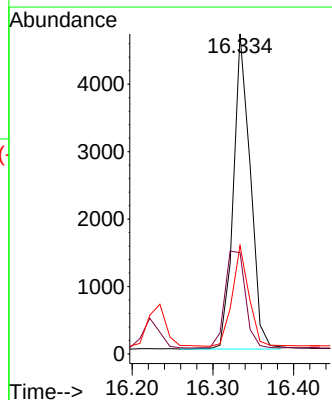
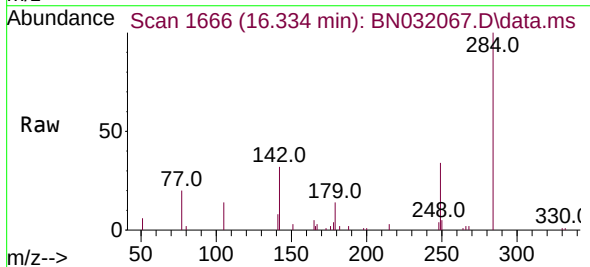
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS

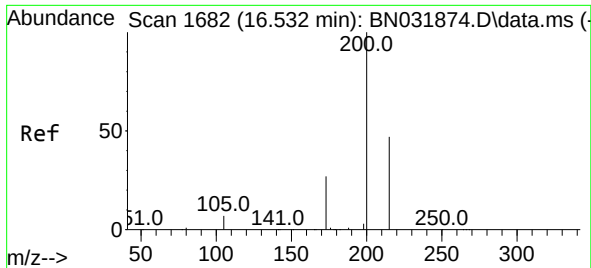
Tgt Ion:248 Resp: 6603
Ion Ratio Lower Upper
248 100
250 101.6 78.5 117.7
141 42.8 43.1 64.7#



#22
Hexachlorobenzene
Concen: 0.307 ng
RT: 16.334 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Tgt Ion:284 Resp: 6828
Ion Ratio Lower Upper
284 100
142 37.2 30.7 46.1
249 30.9 25.0 37.4

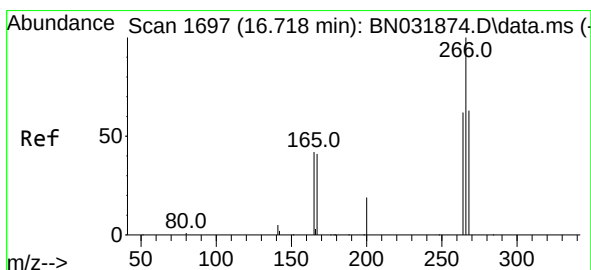
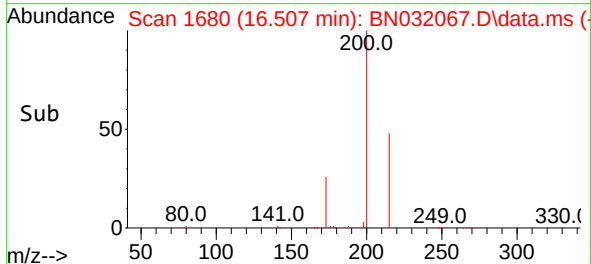
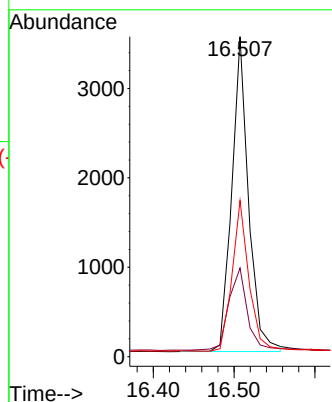
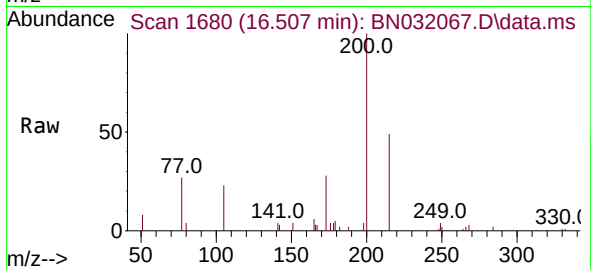




#23
Atrazine
Concen: 0.258 ng
RT: 16.507 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

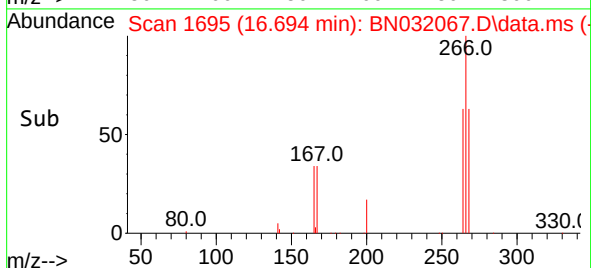
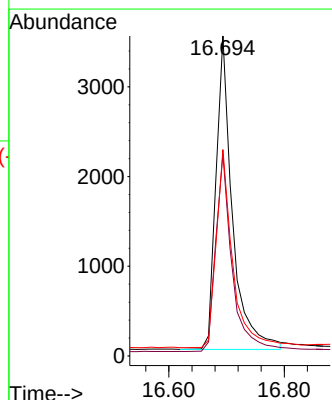
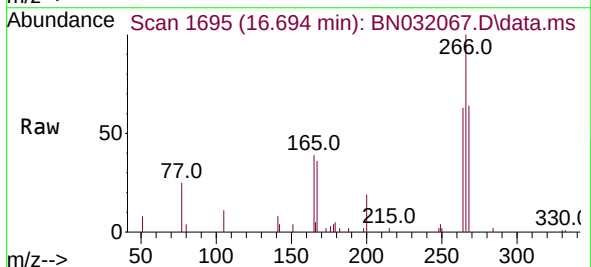
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS

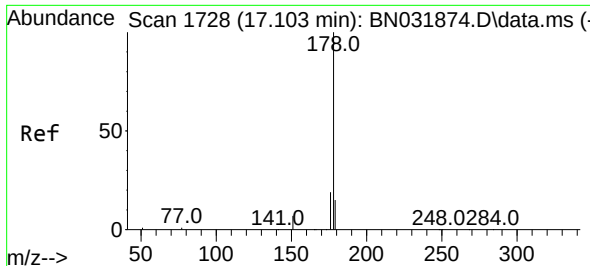
Tgt Ion:200 Resp: 5056
Ion Ratio Lower Upper
200 100
173 27.7 22.0 33.0
215 48.8 37.9 56.9



#24
Pentachlorophenol
Concen: 0.658 ng
RT: 16.694 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Tgt Ion:266 Resp: 6890
Ion Ratio Lower Upper
266 100
264 62.8 50.0 75.0
268 63.5 51.0 76.6

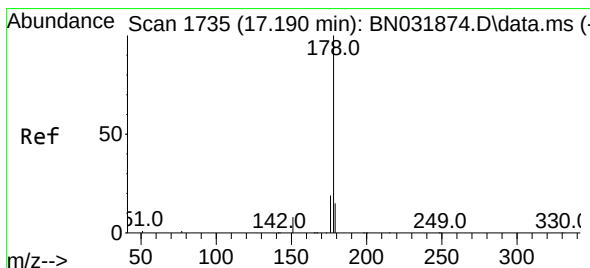
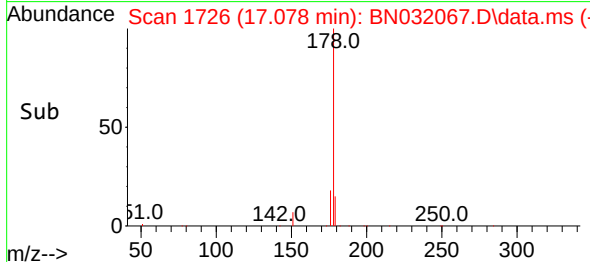
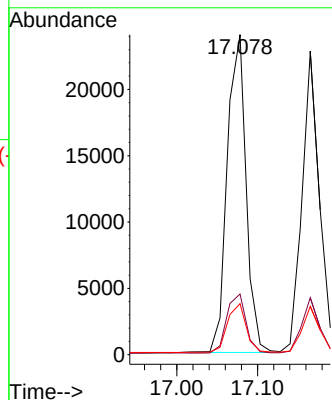
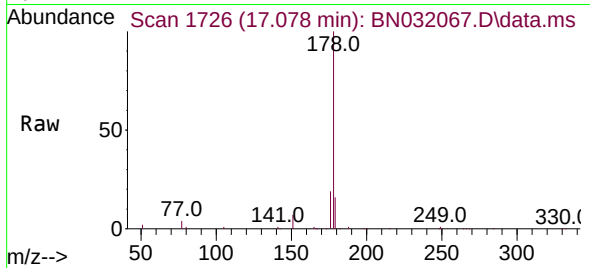




#25
Phenanthrene
Concen: 0.370 ng
RT: 17.078 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

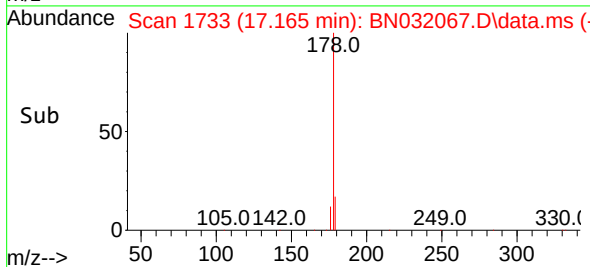
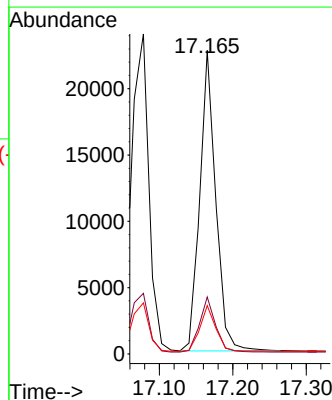
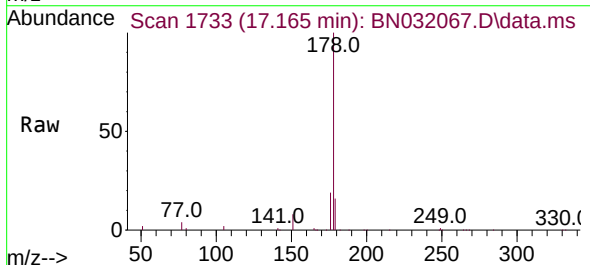
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS

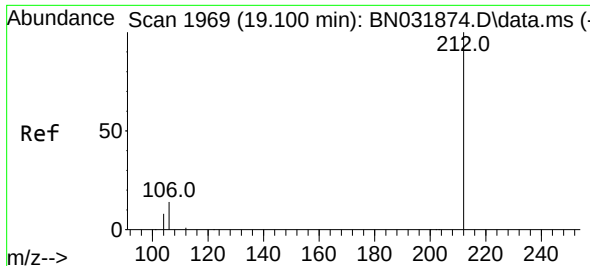
Tgt Ion:178 Resp: 38844
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.2 18.2



#26
Anthracene
Concen: 0.353 ng
RT: 17.165 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Tgt Ion:178 Resp: 34321
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.3 12.2 18.2

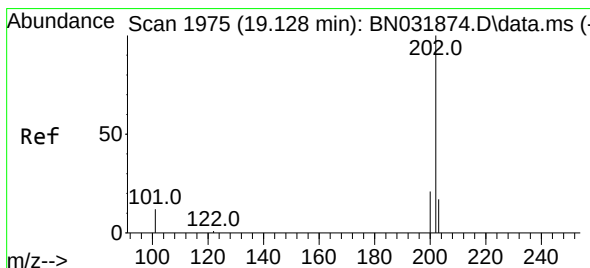
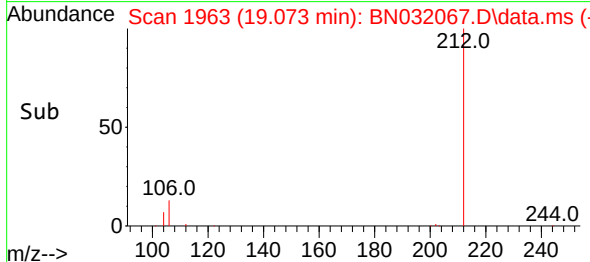
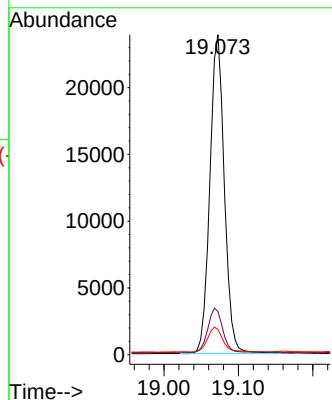
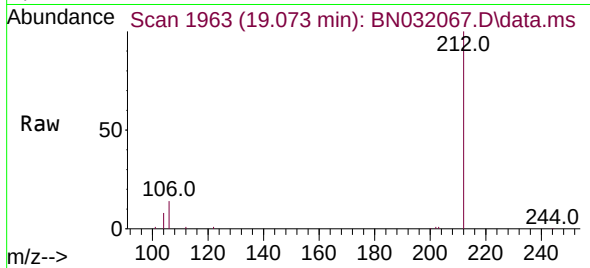




#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.073 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

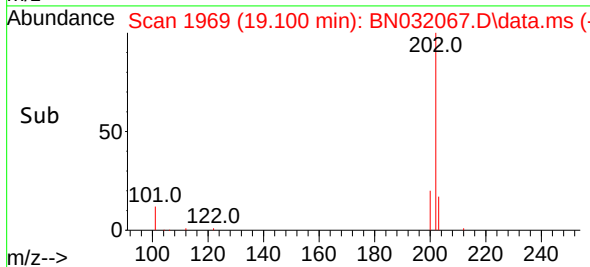
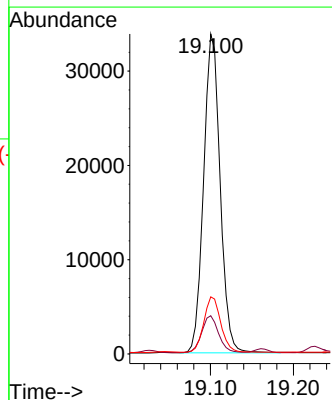
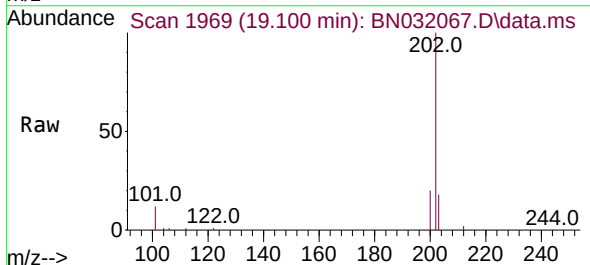
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS

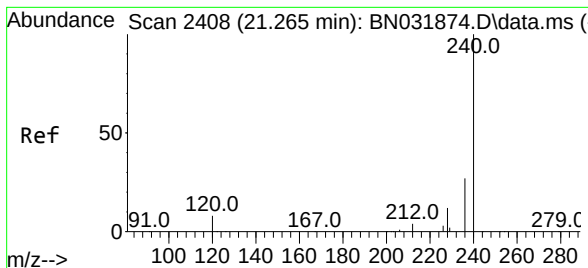
Tgt Ion:212 Resp: 32297
Ion Ratio Lower Upper
212 100
106 14.0 11.8 17.8
104 8.2 6.6 10.0



#28
Fluoranthene
Concen: 0.369 ng
RT: 19.100 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Tgt Ion:202 Resp: 46927
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
203 17.7 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

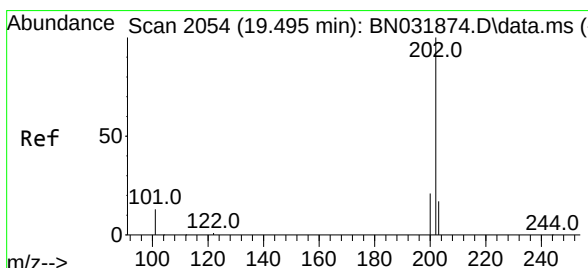
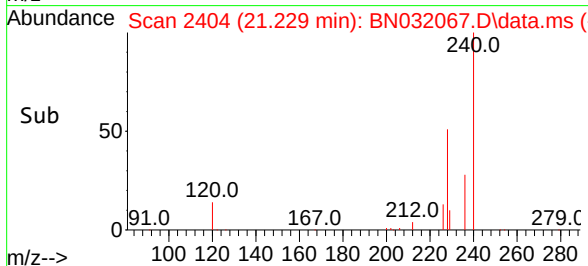
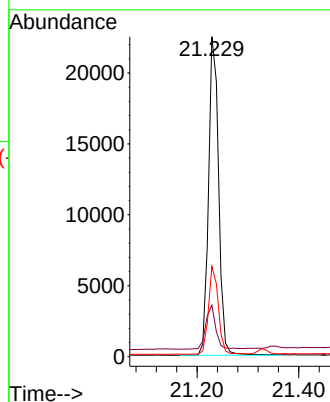
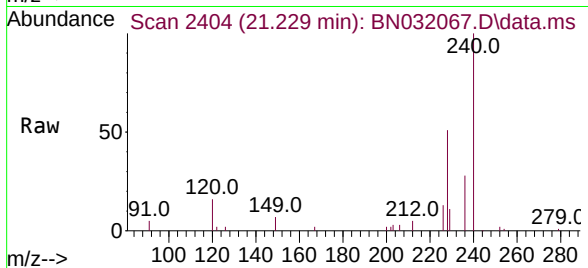
Tgt Ion:240 Resp: 30898

Ion Ratio Lower Upper

240 100

120 16.1 8.2 12.4#

236 28.2 21.8 32.8



#30

Pyrene

Concen: 0.399 ng

RT: 19.467 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

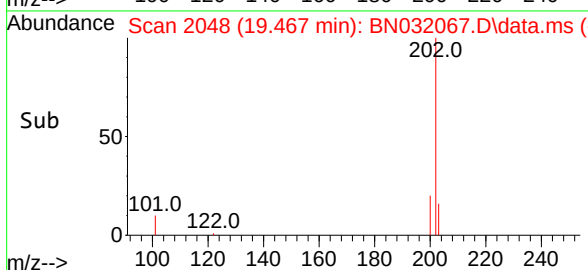
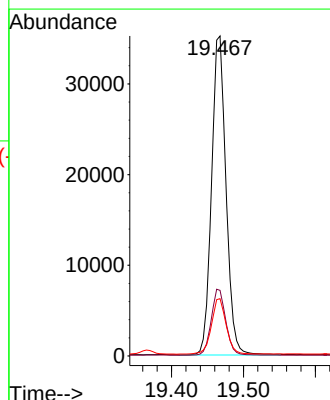
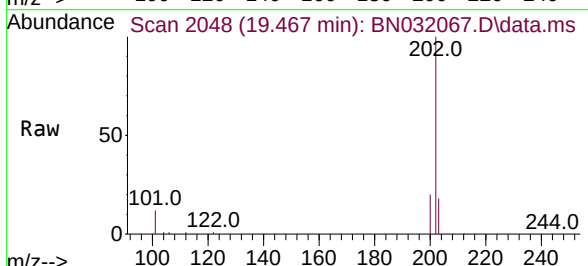
Tgt Ion:202 Resp: 48980

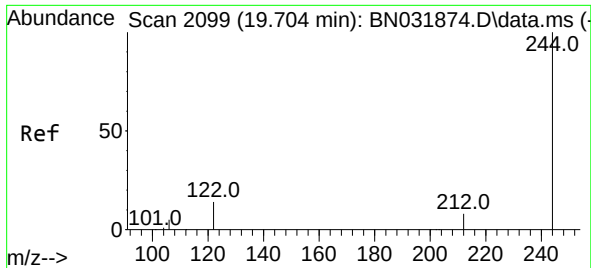
Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 17.7 14.3 21.5

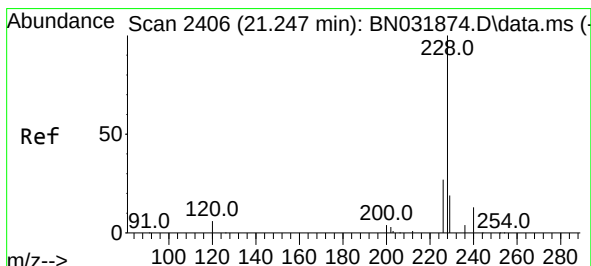
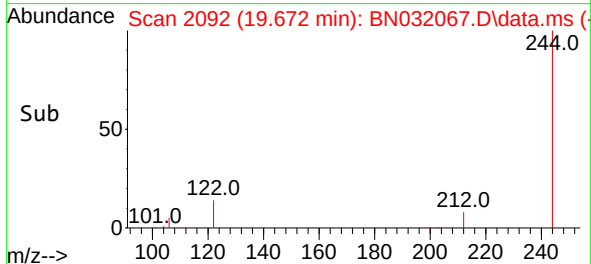
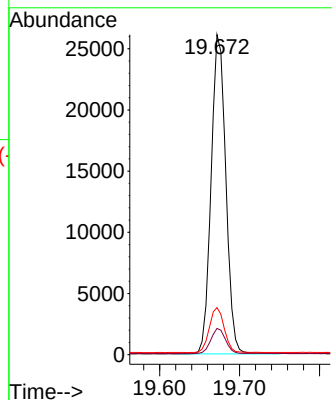
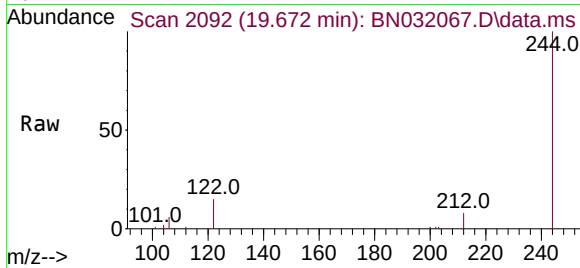




#31
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 19.672 min Scan# 2099
 Delta R.T. 0.000 min
 Lab File: BN032067.D
 Acq: 19 Jun 2024 13:17

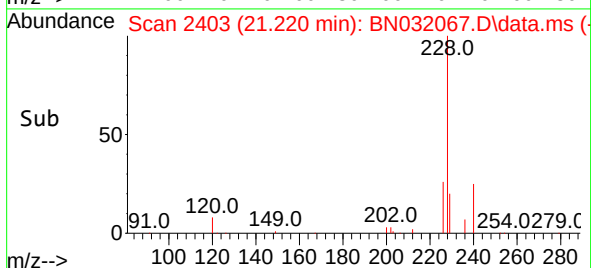
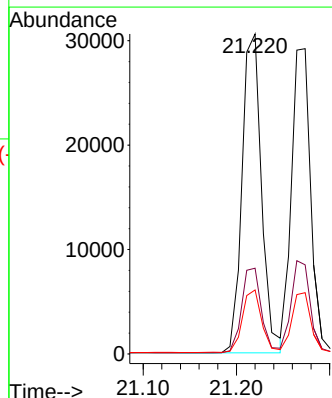
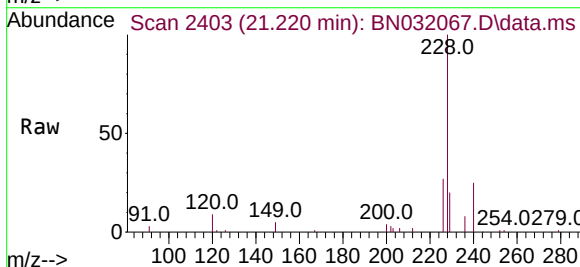
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-520-522MS

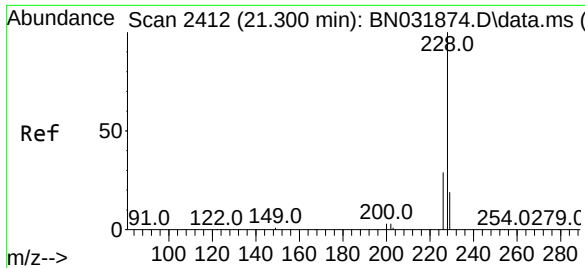
Tgt Ion:244 Resp: 33291
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 14.7 11.4 17.0



#32
 Benzo(a)anthracene
 Concen: 0.382 ng
 RT: 21.220 min Scan# 2403
 Delta R.T. 0.009 min
 Lab File: BN032067.D
 Acq: 19 Jun 2024 13:17

Tgt Ion:228 Resp: 44466
 Ion Ratio Lower Upper
 228 100
 226 26.8 21.8 32.6
 229 20.0 15.8 23.8





#33

Chrysene

Concen: 0.377 ng

RT: 21.274 min Scan# 2412

Delta R.T. 0.009 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

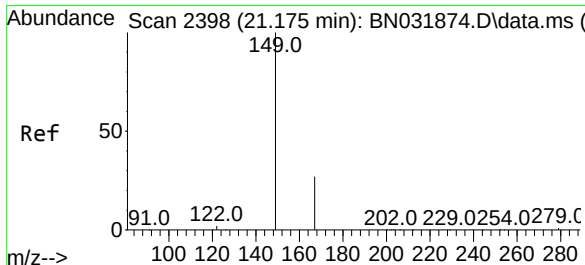
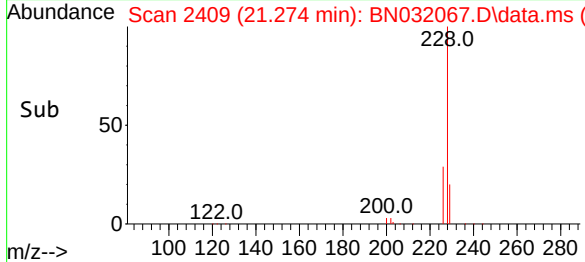
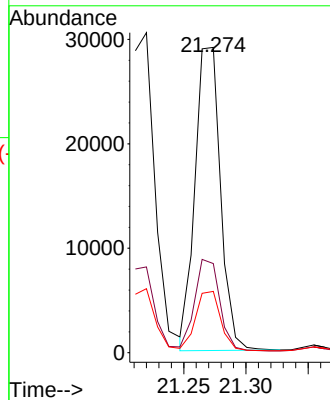
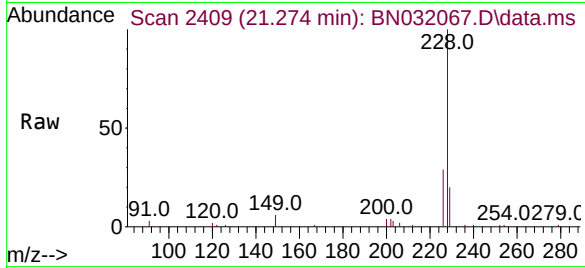
Tgt Ion:228 Resp: 41445

Ion Ratio Lower Upper

228 100

226 29.2 23.6 35.4

229 20.1 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.400 ng

RT: 21.148 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

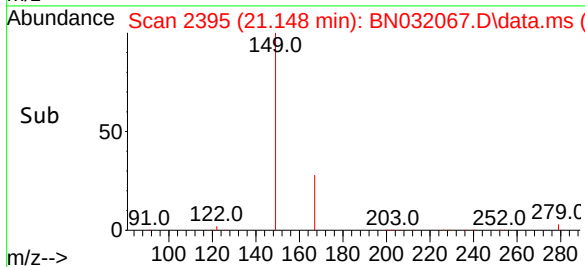
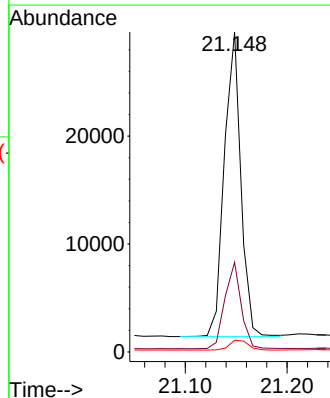
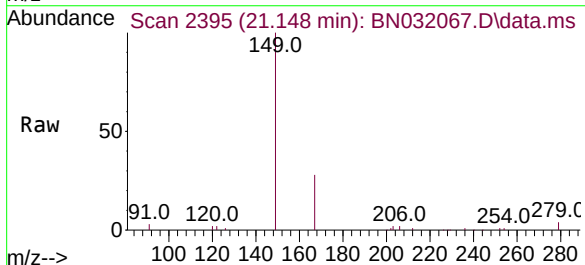
Tgt Ion:149 Resp: 31744

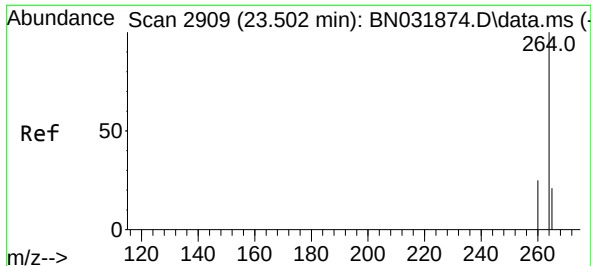
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 3.7 2.9 4.3

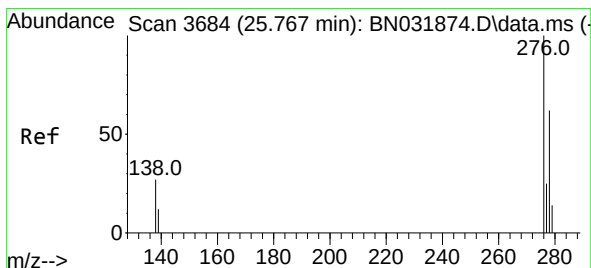
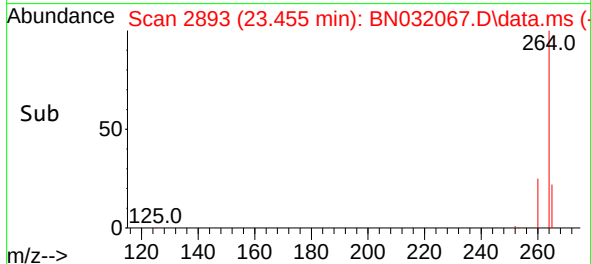
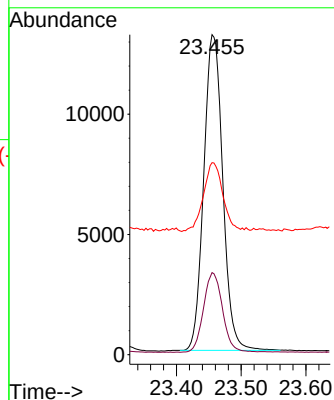
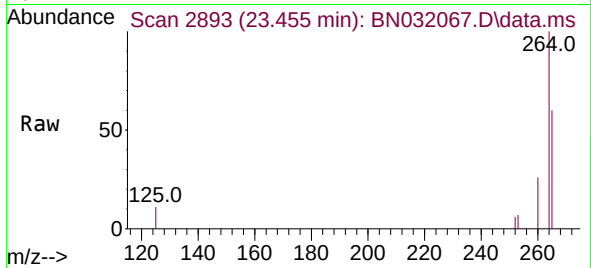




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

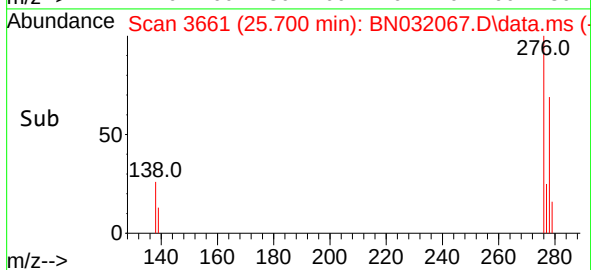
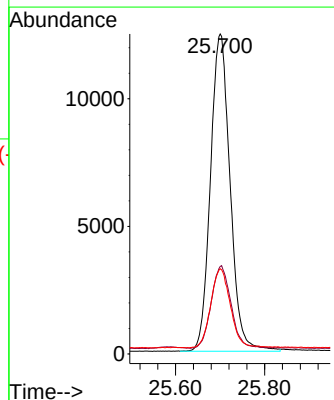
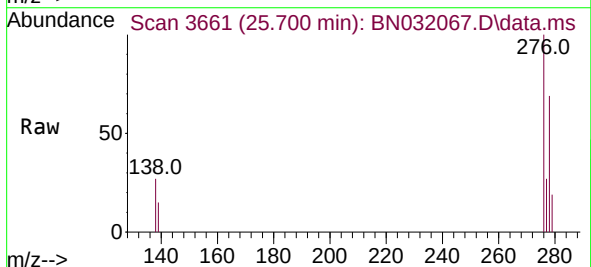
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS

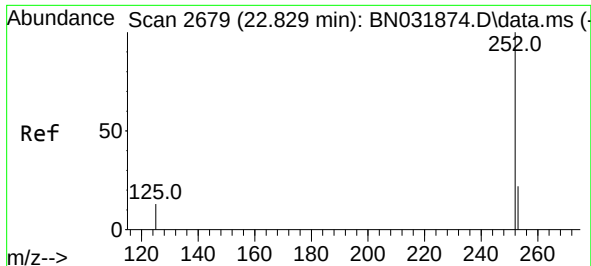
Tgt Ion:264 Resp: 26802
Ion Ratio Lower Upper
264 100
260 25.7 20.5 30.7
265 60.0 39.6 59.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 25.700 min Scan# 3661
Delta R.T. 0.006 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Tgt Ion:276 Resp: 38130
Ion Ratio Lower Upper
276 100
138 26.2 21.5 32.3
277 24.8 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 22.788 min Scan# 2665

Delta R.T. 0.003 min

Lab File: BN032067.D

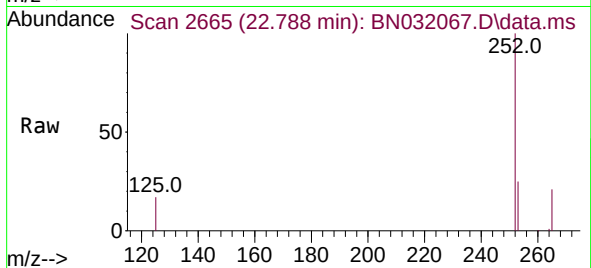
Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS



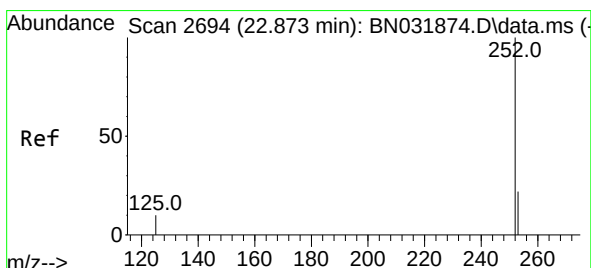
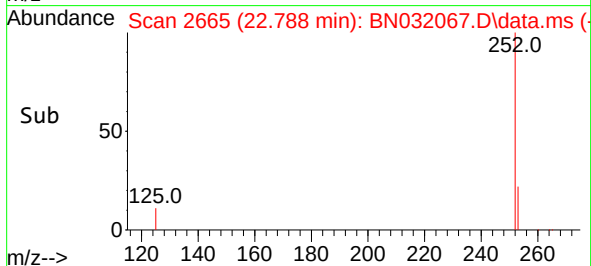
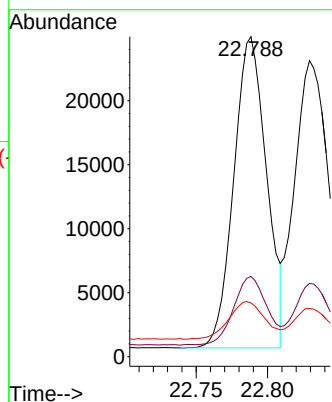
Tgt Ion:252 Resp: 38759

Ion Ratio Lower Upper

252 100

253 25.0 20.2 30.2

125 16.8 14.2 21.4



#38

Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 22.829 min Scan# 2679

Delta R.T. 0.000 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

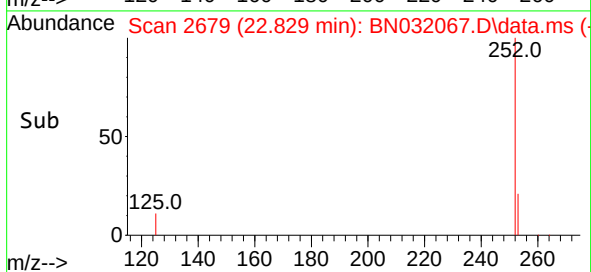
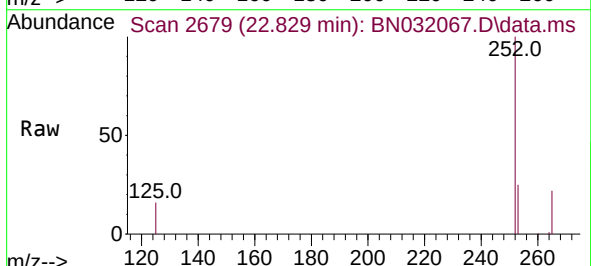
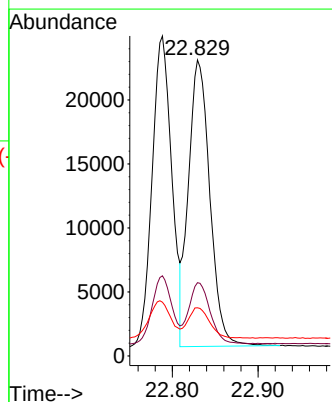
Tgt Ion:252 Resp: 38796

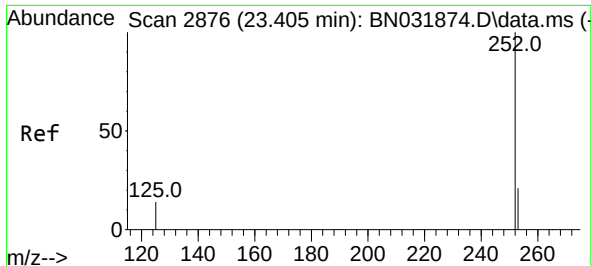
Ion Ratio Lower Upper

252 100

253 24.8 19.9 29.9

125 16.2 13.0 19.4





#39

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.361 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522MS

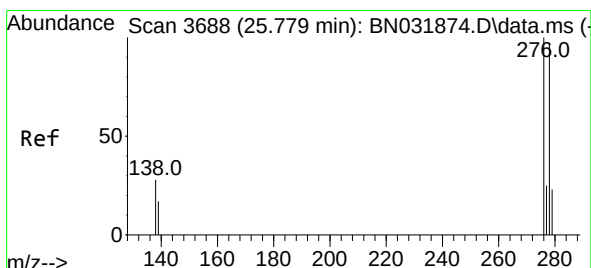
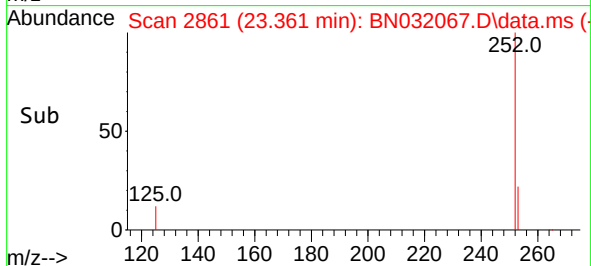
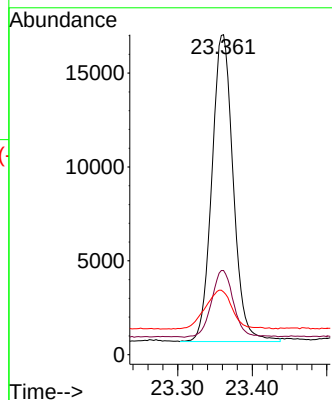
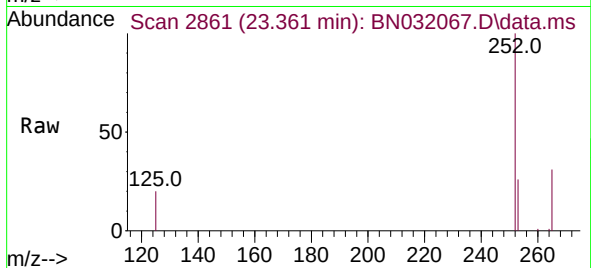
Tgt Ion:252 Resp: 32501

Ion Ratio Lower Upper

252 100

253 26.3 20.5 30.7

125 19.6 16.4 24.6



#40

Dibenzo(a,h)anthracene

Concen: 0.382 ng

RT: 25.709 min Scan# 3664

Delta R.T. 0.003 min

Lab File: BN032067.D

Acq: 19 Jun 2024 13:17

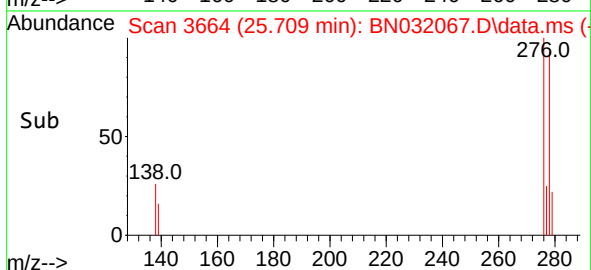
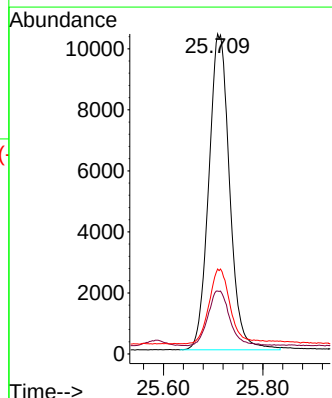
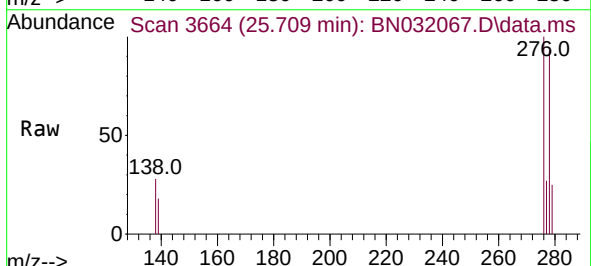
Tgt Ion:278 Resp: 30117

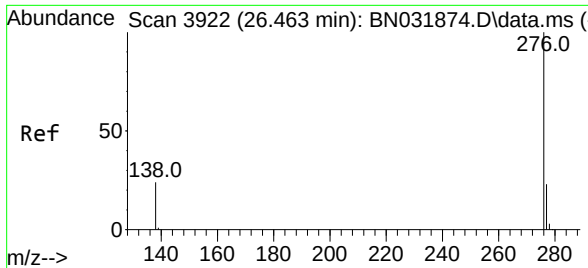
Ion Ratio Lower Upper

278 100

139 19.6 17.0 25.4

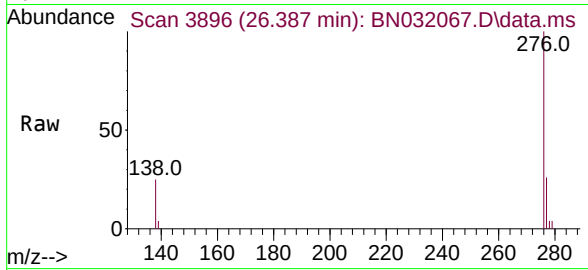
279 26.6 21.4 32.0





#41
Benzo(g,h,i)perylene
Concen: 0.346 ng
RT: 26.387 min Scan# 3896
Delta R.T. 0.009 min
Lab File: BN032067.D
Acq: 19 Jun 2024 13:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522MS



Tgt Ion:	276	Resp:	29271
Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.2
138	24.5	20.6	31.0

