

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
 Data File : BN035073.D
 Acq On : 13 Nov 2024 19:14
 Operator : RC/JU
 Sample : P4765-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN002

Quant Time: Nov 14 02:06:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 17:18:14 2024
 Response via : Initial Calibration

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

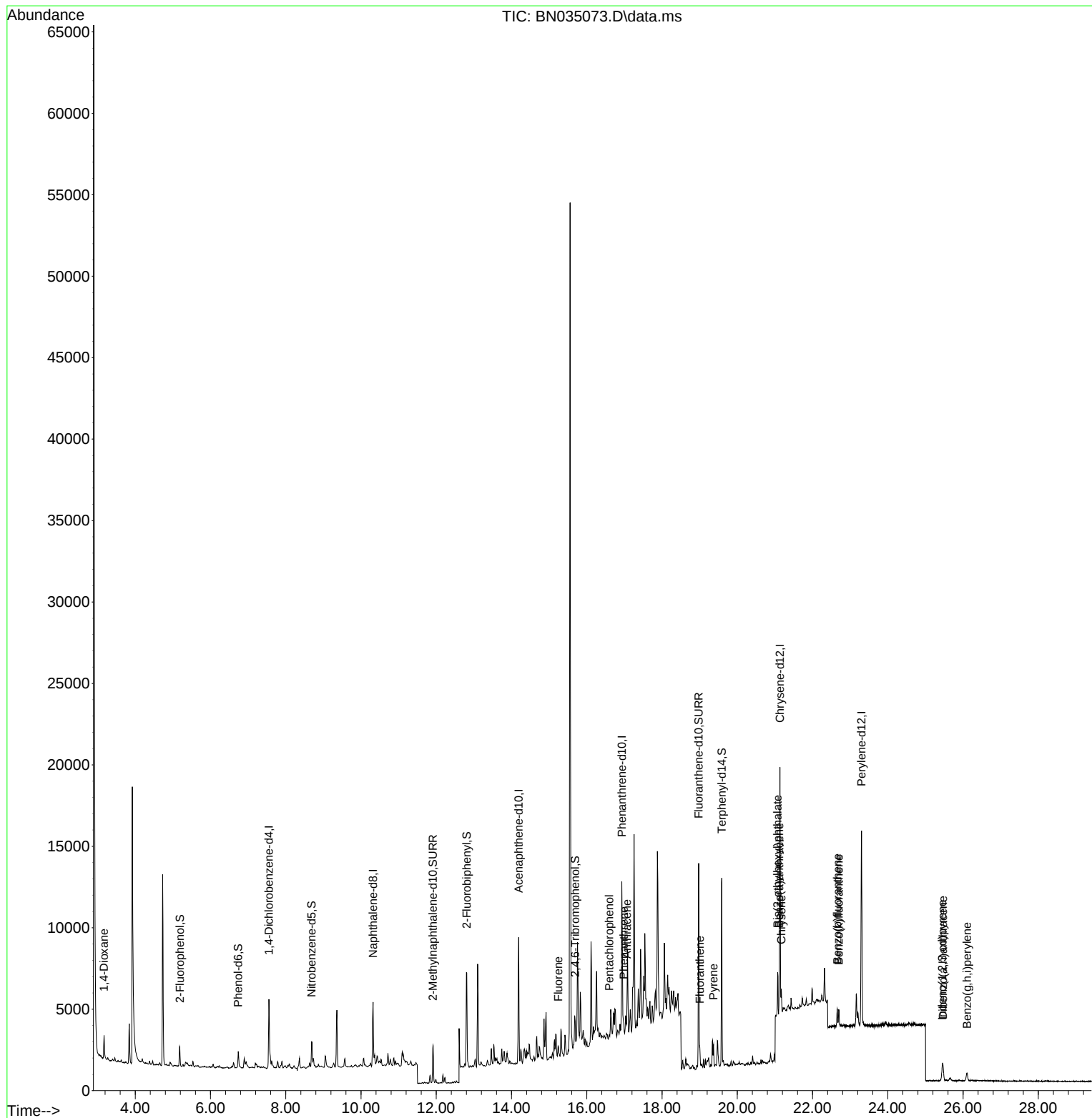
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	1971	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	5137	0.400	ng	0.00
13) Acenaphthene-d10	14.190	164	4364	0.400	ng	0.00
19) Phenanthrene-d10	16.932	188	11127	0.400	ng	# 0.00
29) Chrysene-d12	21.133	240	12967	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	14627	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1015	0.203	ng	0.00
5) Phenol-d6	6.737	99	940	0.150	ng	0.00
8) Nitrobenzene-d5	8.685	82	1566	0.350	ng	-0.01
11) 2-Methylnaphthalene-d10	11.912	152	3164	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	1139	0.362	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	5594	0.316	ng	0.00
27) Fluoranthene-d10	18.973	212	14344	0.421	ng	0.00
31) Terphenyl-d14	19.587	244	11606	0.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	1117	0.624	ng	# 91
18) Fluorene	15.238	166	429	0.024	ng	96
24) Pentachlorophenol	16.597	266	109	0.032	ng	95
25) Phenanthrene	16.982	178	813	0.028	ng	# 85
26) Anthracene	17.069	178	665	0.025	ng	# 83
28) Fluoranthene	19.006	202	988	0.025	ng	97
30) Pyrene	19.368	202	1196	0.028	ng	# 92
32) Benzo(a)anthracene	21.116	228	1371	0.030	ng	# 78
33) Chrysene	21.169	228	1374	0.031	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.071	149	2672	0.113	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.449	276	1343	0.023	ng	97
37) Benzo(b)fluoranthene	22.657	252	1309	0.027	ng	# 24
38) Benzo(k)fluoranthene	22.698	252	1227	0.025	ng	# 20
40) Dibenzo(a,h)anthracene	25.463	278	1113	0.024	ng	# 37
41) Benzo(g,h,i)perylene	26.104	276	1008	0.020	ng	# 62

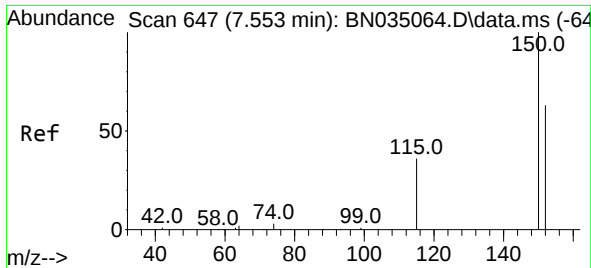
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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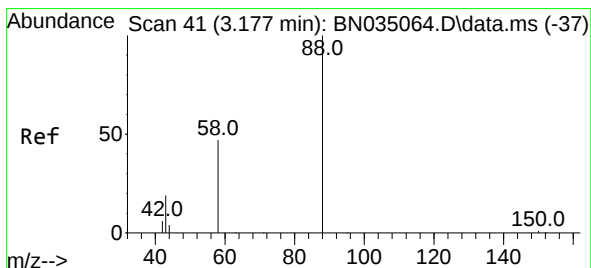
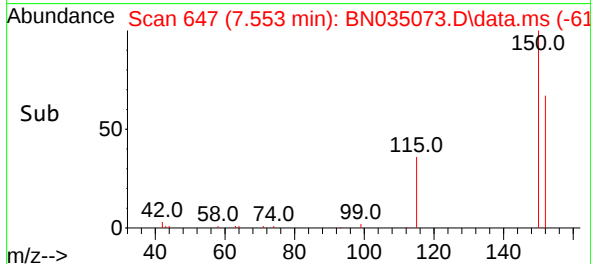
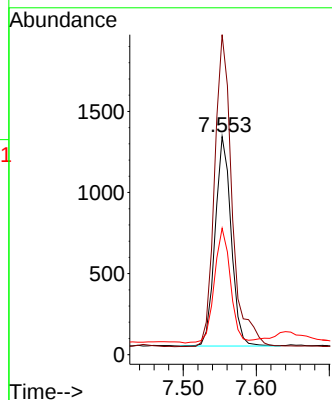
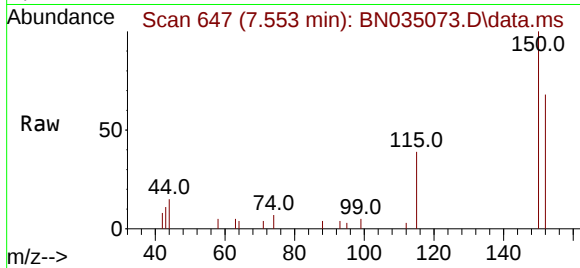




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.553 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN035073.D
 Acq: 13 Nov 2024 19:14

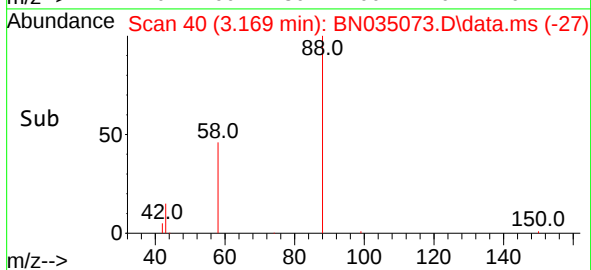
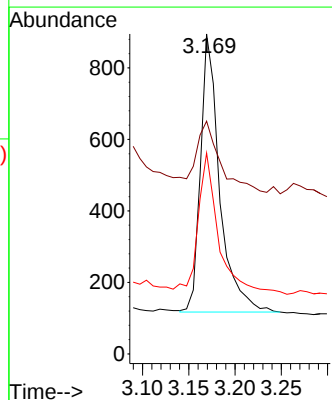
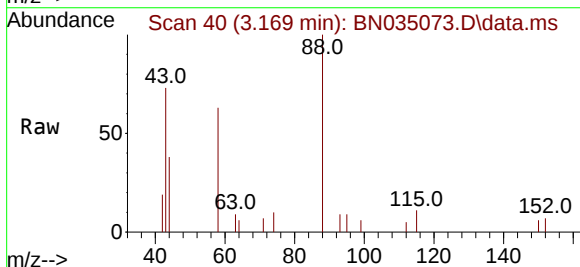
Instrument :
 BNA_N
 ClientSampleId :
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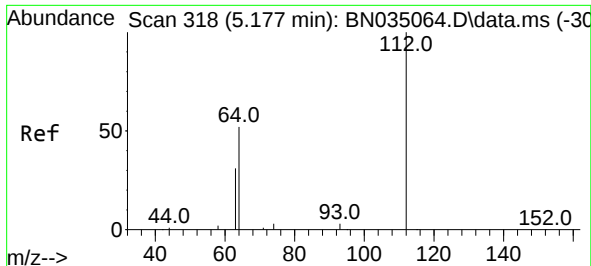
Tgt Ion:152 Resp: 1971
 Ion Ratio Lower Upper
 152 100
 150 146.7 124.5 186.7
 115 57.9 47.8 71.6



#2
 1,4-Dioxane
 Concen: 0.624 ng
 RT: 3.169 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: BN035073.D
 Acq: 13 Nov 2024 19:14

Tgt Ion: 88 Resp: 1117
 Ion Ratio Lower Upper
 88 100
 43 31.1 16.9 25.3#
 58 50.9 39.0 58.4





#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.184 min Scan# 318

Delta R.T. 0.007 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

Instrument :

BNA_N

ClientSampleId :

DSN002

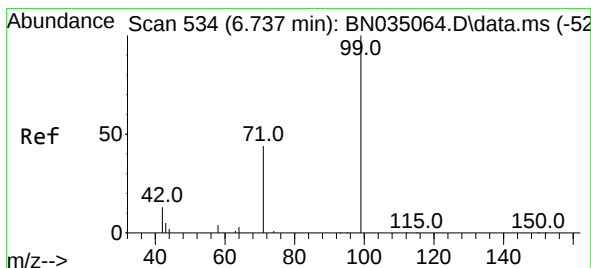
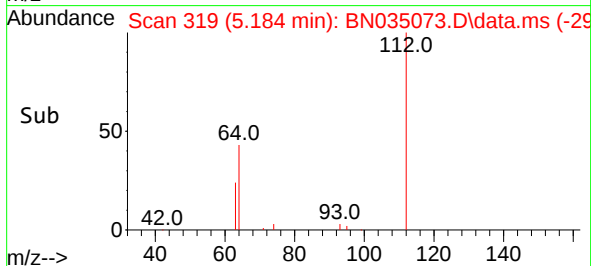
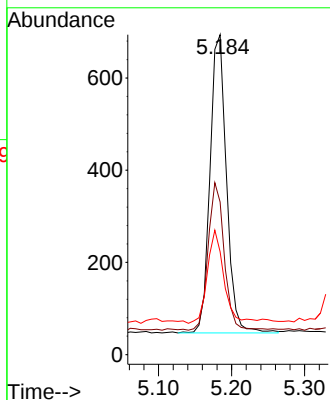
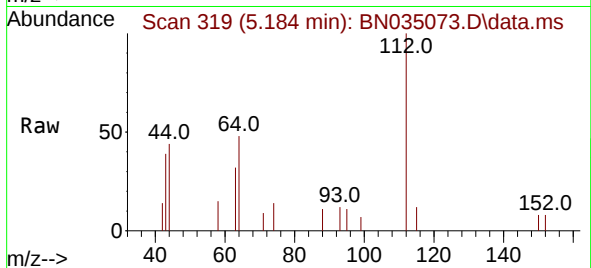
Tgt Ion:112 Resp: 1015

Ion Ratio Lower Upper

112 100

64 48.5 39.7 59.5

63 31.2 23.0 34.4



#5

Phenol-d6

Concen: 0.150 ng

RT: 6.737 min Scan# 534

Delta R.T. -0.000 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

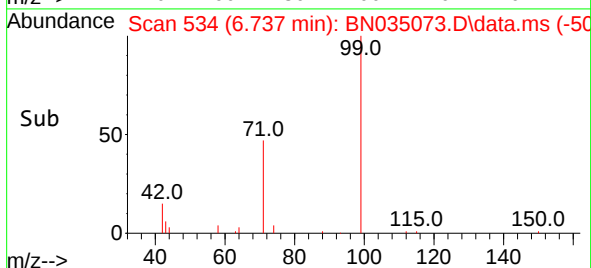
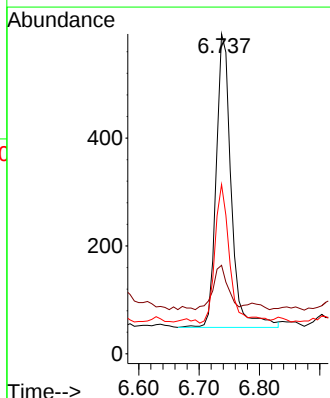
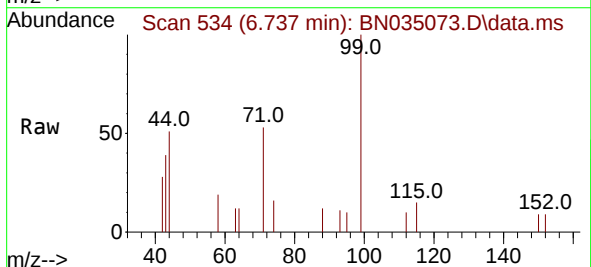
Tgt Ion: 99 Resp: 940

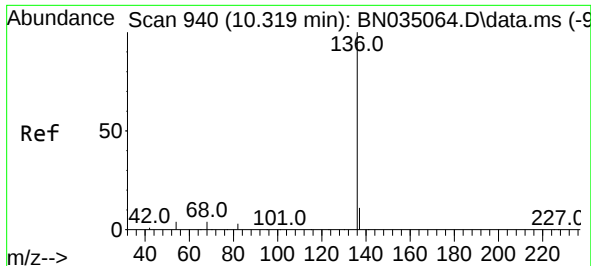
Ion Ratio Lower Upper

99 100

42 15.1 11.4 17.0

71 46.4 34.6 51.8

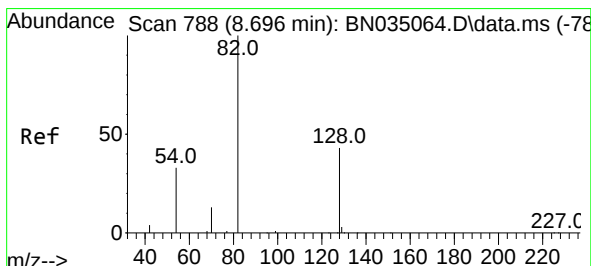
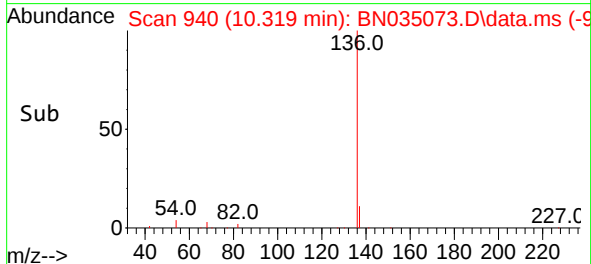
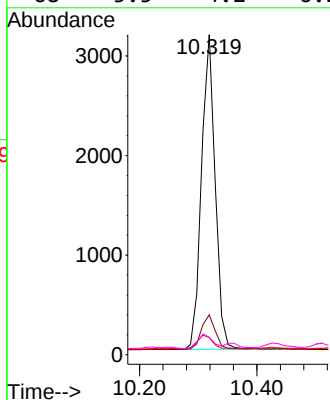
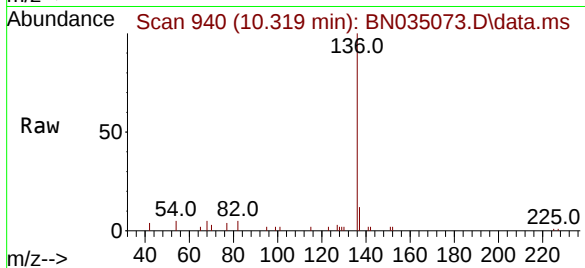




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

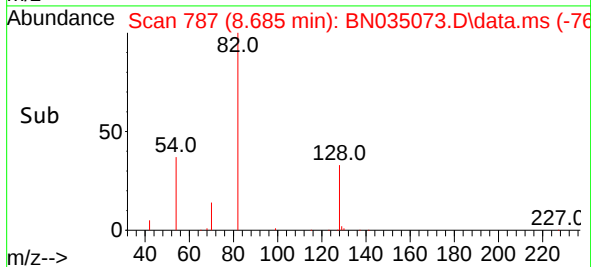
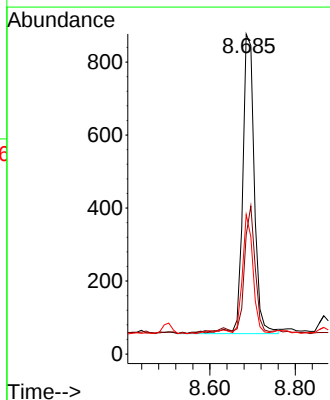
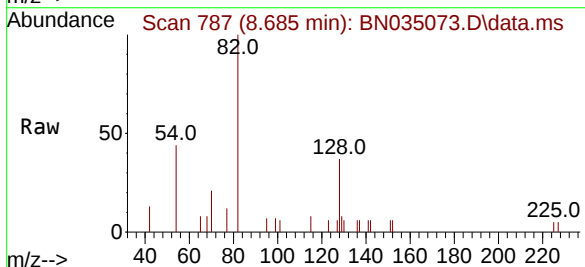
Instrument :
BNA_N
ClientSampleId :
DSN002

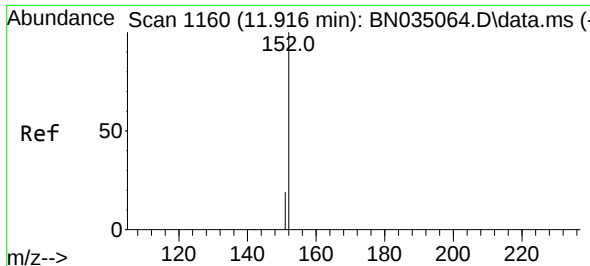
Tgt Ion:	136	Resp:	5137
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.8
54	5.4	4.0	6.0
68	5.5	4.2	6.2



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.685 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Tgt Ion:	82	Resp:	1566
Ion	Ratio	Lower	Upper
82	100		
128	37.3	36.5	54.7
54	43.6	28.7	43.1

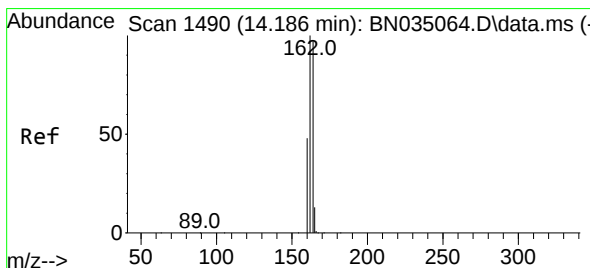
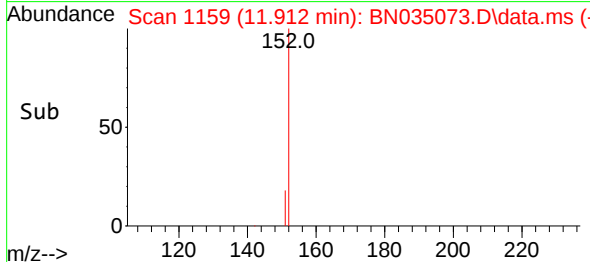
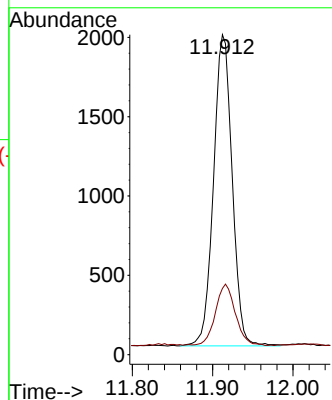
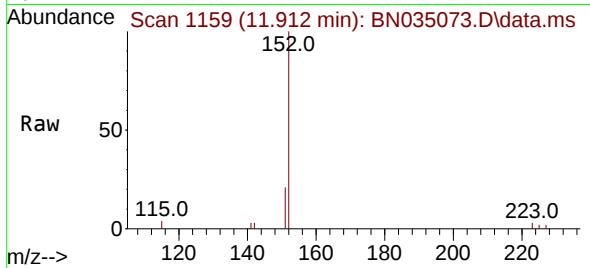




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 11.912 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

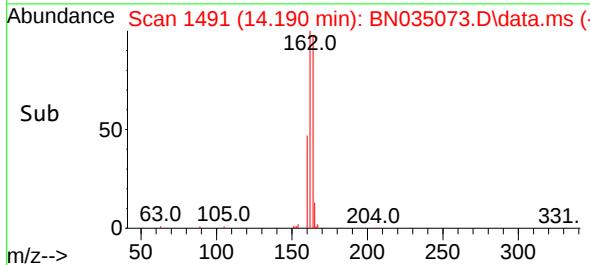
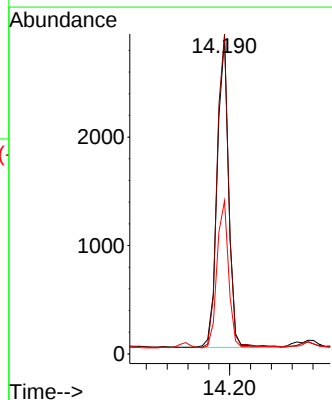
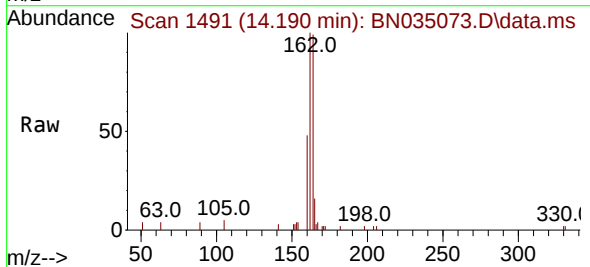
Instrument :
BNA_N
ClientSampleId :
DSN002

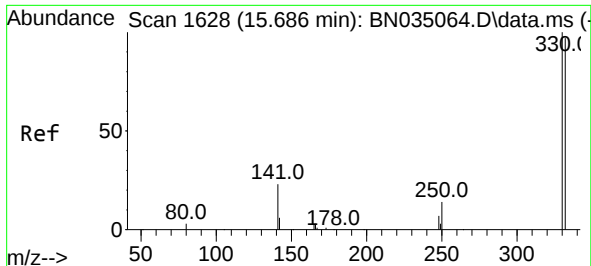
Tgt Ion:152 Resp: 3164
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.190 min Scan# 1491
Delta R.T. 0.004 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Tgt Ion:164 Resp: 4364
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 48.5 40.2 60.4

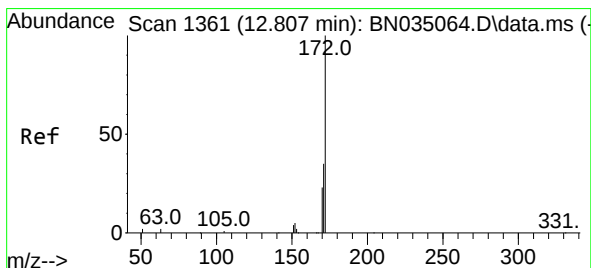
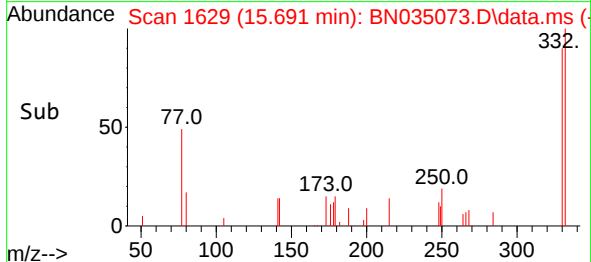
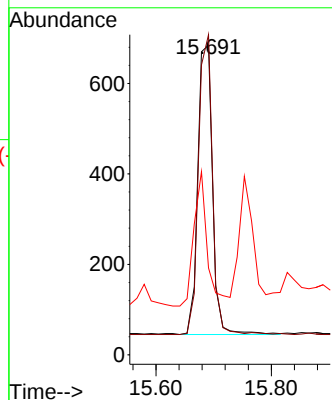
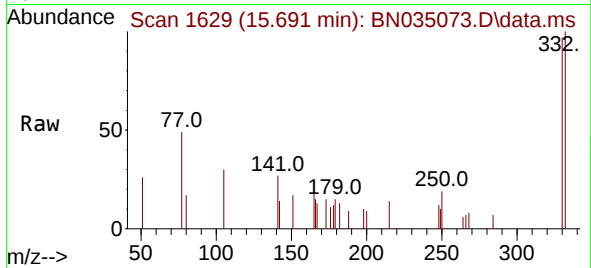




#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.691 min Scan# 1629
Delta R.T. 0.005 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

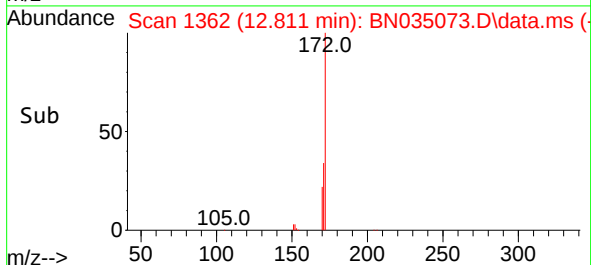
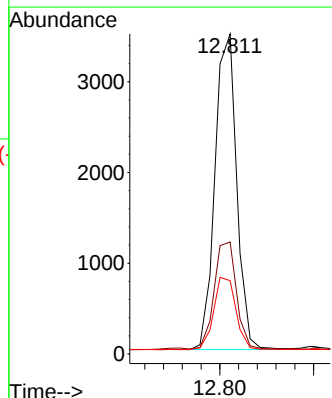
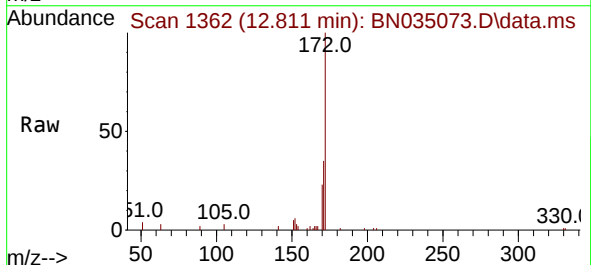
Instrument :
BNA_N
ClientSampleId :
DSN002

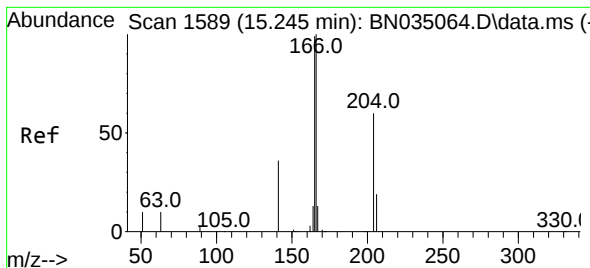
Tgt Ion:330 Resp: 1139
Ion Ratio Lower Upper
330 100
332 98.2 76.9 115.3
141 42.4 29.6 44.4



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 12.811 min Scan# 1362
Delta R.T. 0.004 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Tgt Ion:172 Resp: 5594
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.9 19.0 28.6





#18

Fluorene

Concen: 0.024 ng

RT: 15.238 min Scan# 1589

Delta R.T. -0.007 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

Instrument :

BNA_N

ClientSampleId :

DSN002

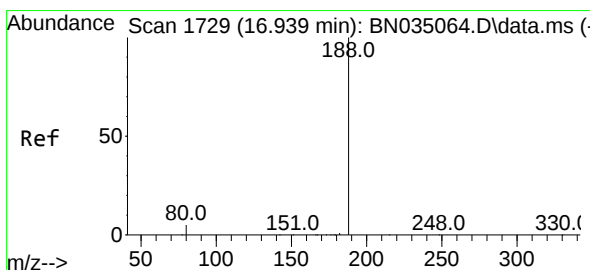
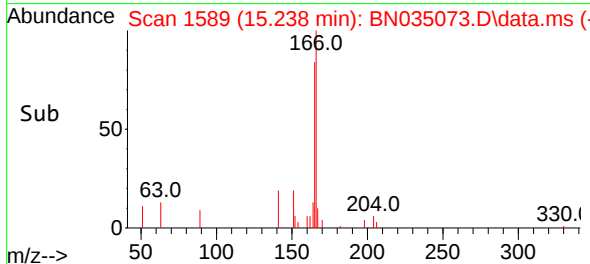
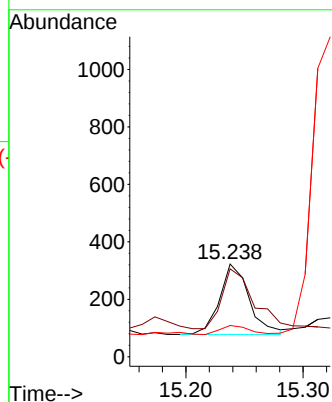
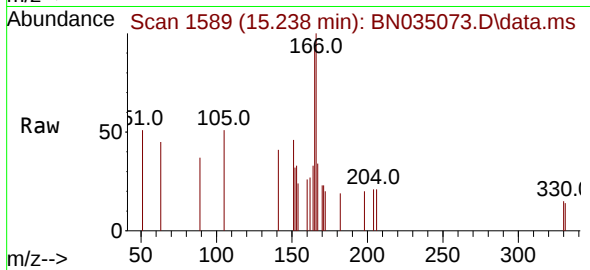
Tgt Ion:166 Resp: 429

Ion Ratio Lower Upper

166 100

165 94.4 79.1 118.7

167 13.1 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.932 min Scan# 1729

Delta R.T. -0.007 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

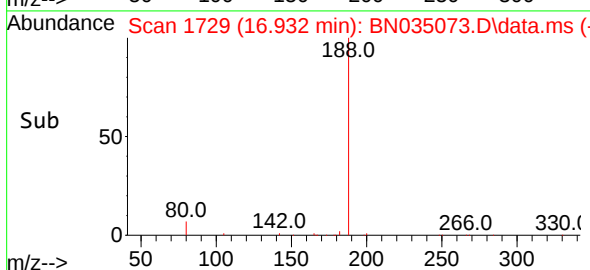
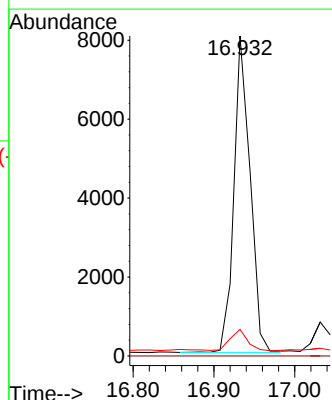
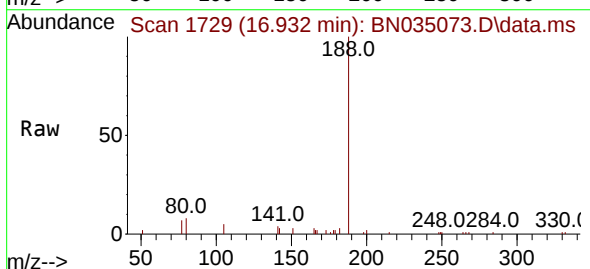
Tgt Ion:188 Resp: 11127

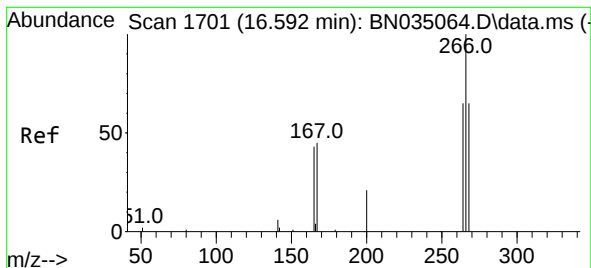
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 4.3 6.5#





#24

Pentachlorophenol

Concen: 0.032 ng

RT: 16.597 min Scan# 1701

Delta R.T. 0.005 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

Instrument :

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ClientSampleId :

DSN002

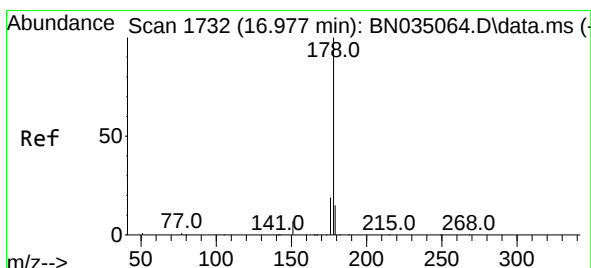
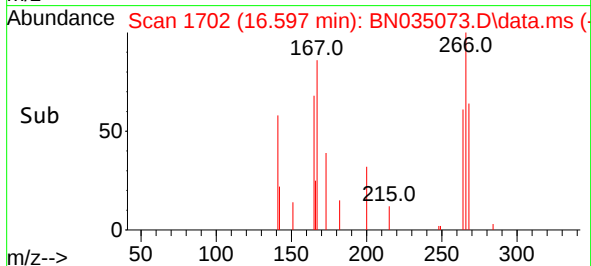
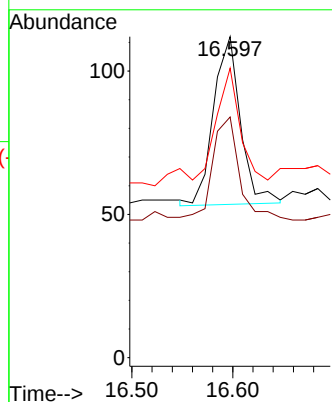
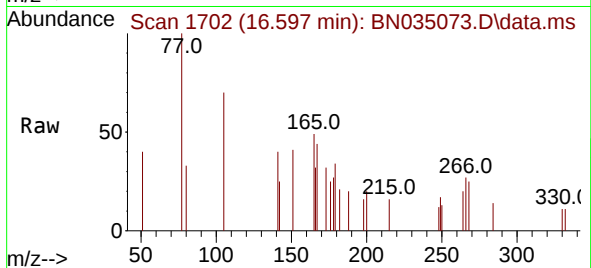
Tgt Ion:266 Resp: 109

Ion Ratio Lower Upper

266 100

264 60.6 49.4 74.0

268 72.5 52.6 79.0



#25

Phenanthrene

Concen: 0.028 ng

RT: 16.982 min Scan# 1733

Delta R.T. 0.005 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

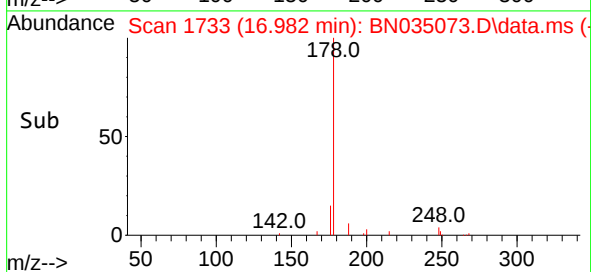
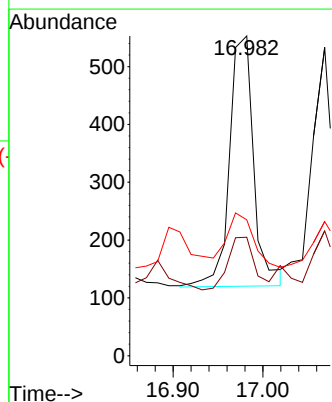
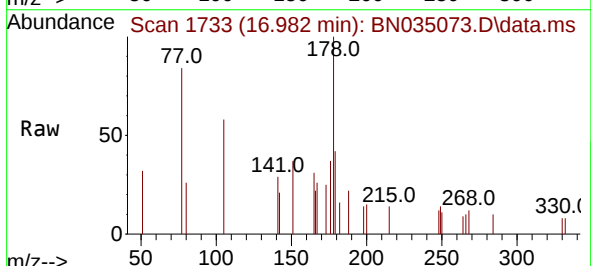
Tgt Ion:178 Resp: 813

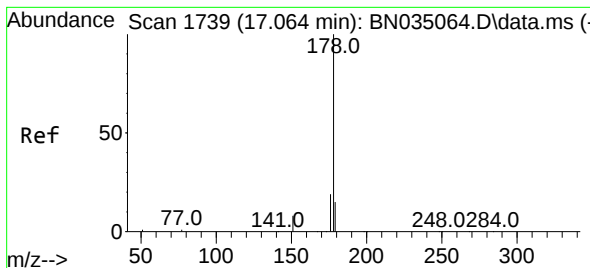
Ion Ratio Lower Upper

178 100

176 24.5 15.2 22.8#

179 23.1 12.6 18.8#





#26

Anthracene

Concen: 0.025 ng

RT: 17.069 min Scan# 1740

Delta R.T. 0.005 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

Instrument :

BNA_N

ClientSampleId :

DSN002

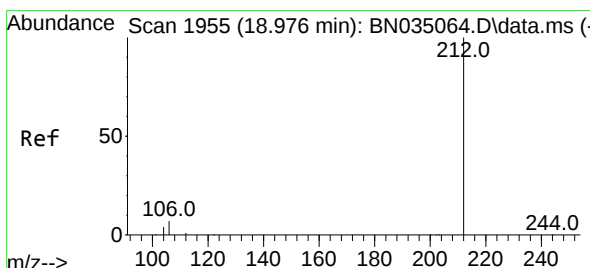
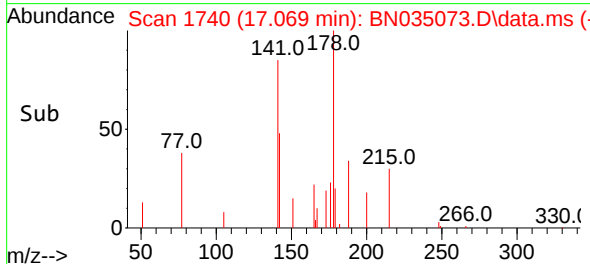
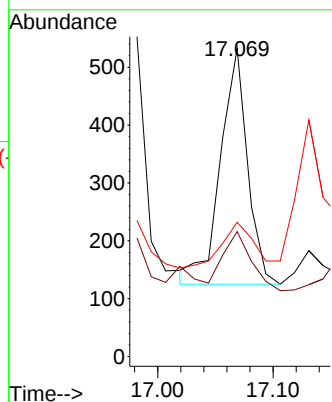
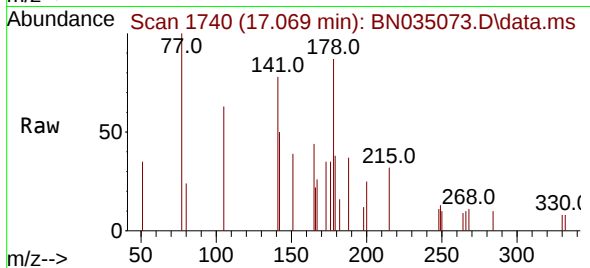
Tgt Ion:178 Resp: 665

Ion Ratio Lower Upper

178 100

176 25.7 14.6 22.0#

179 22.6 12.2 18.2#



#27

Fluoranthene-d10

Concen: 0.421 ng

RT: 18.973 min Scan# 1956

Delta R.T. -0.002 min

Lab File: BN035073.D

Acq: 13 Nov 2024 19:14

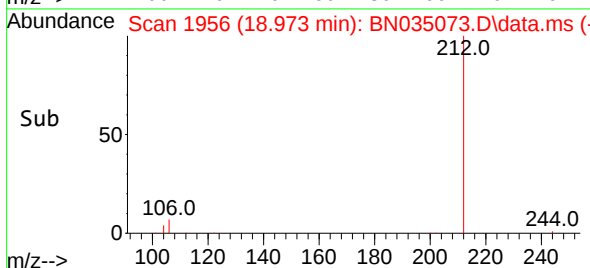
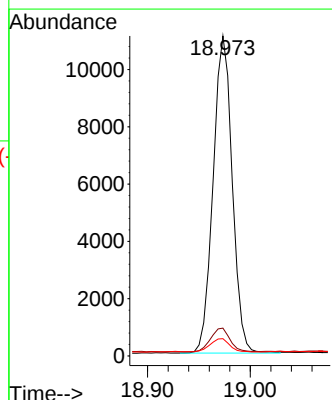
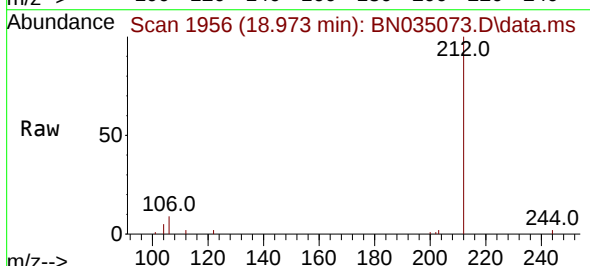
Tgt Ion:212 Resp: 14344

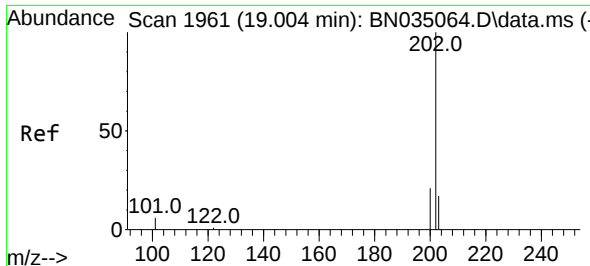
Ion Ratio Lower Upper

212 100

106 7.6 6.0 9.0

104 4.2 3.5 5.3

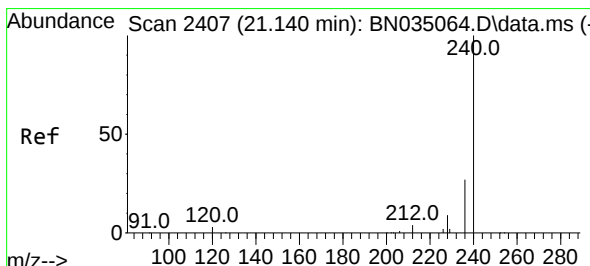
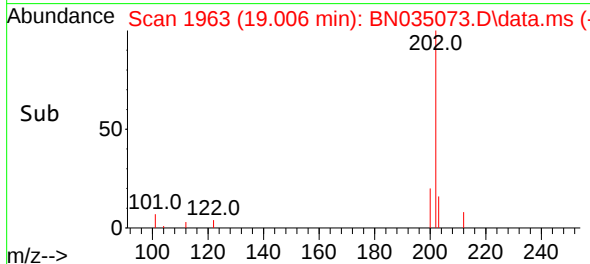
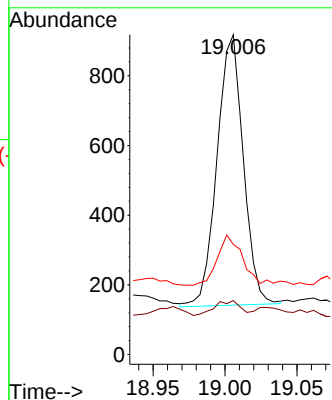
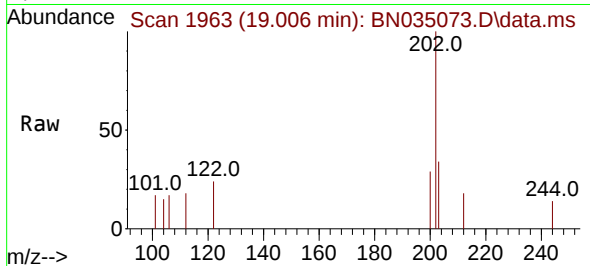




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.006 min Scan# 1961
Delta R.T. 0.002 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

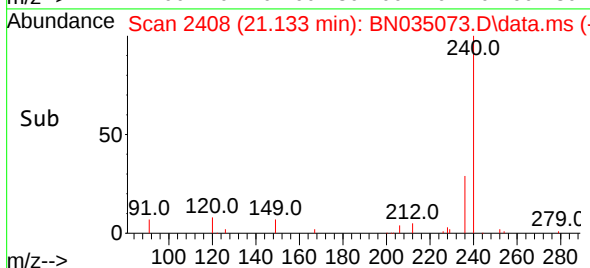
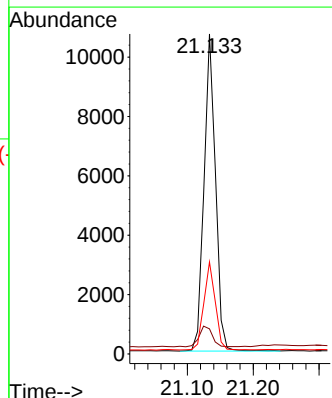
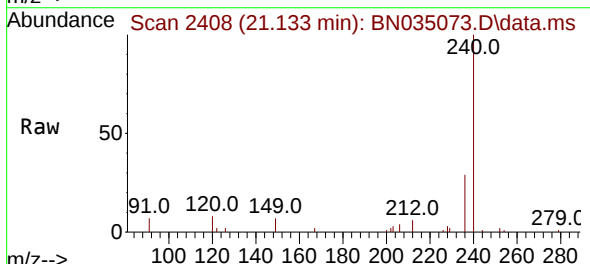
Instrument :
BNA_N
ClientSampleId :
DSN002

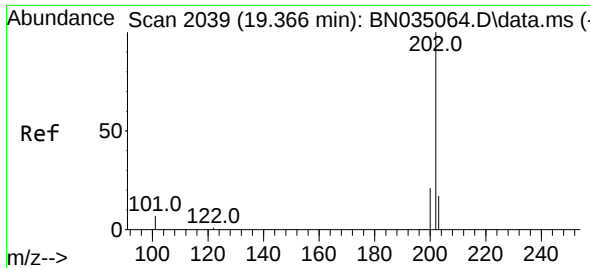
Tgt Ion:202 Resp: 988
Ion Ratio Lower Upper
202 100
101 5.3 5.2 7.8
203 18.6 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.133 min Scan# 2408
Delta R.T. -0.007 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Tgt Ion:240 Resp: 12967
Ion Ratio Lower Upper
240 100
120 7.8 3.8 5.6#
236 28.8 22.2 33.2

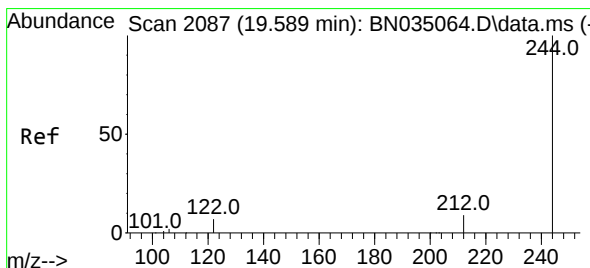
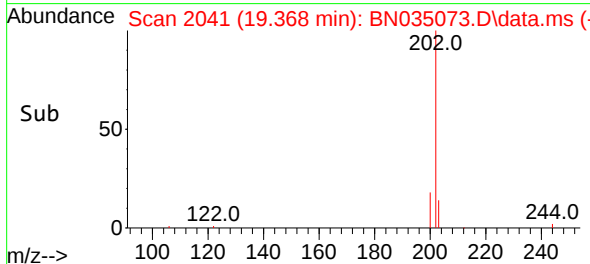
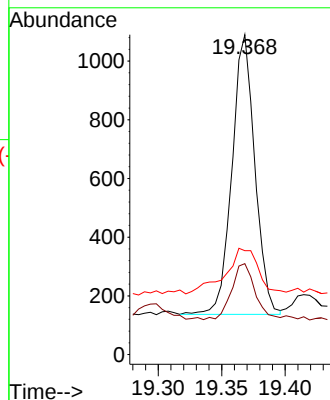
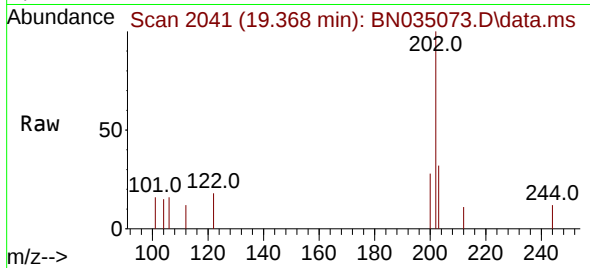




#30
 Pyrene
 Concen: 0.028 ng
 RT: 19.368 min Scan# 2039
 Delta R.T. 0.002 min
 Lab File: BN035073.D
 Acq: 13 Nov 2024 19:14

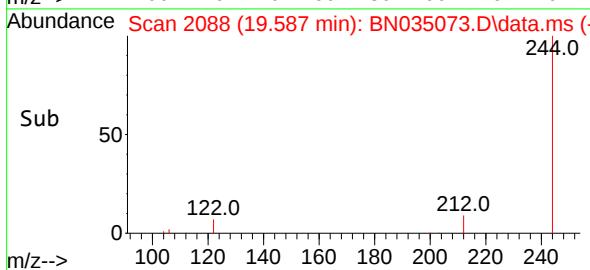
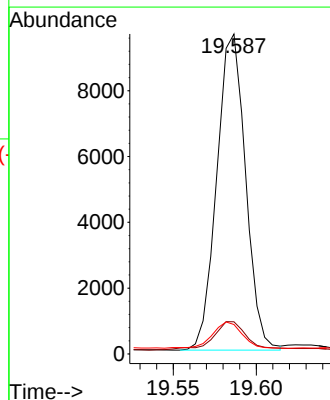
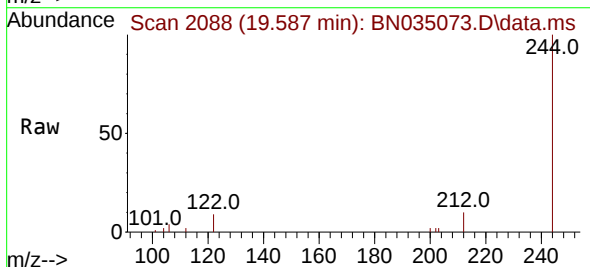
Instrument :
 BNA_N
 ClientSampleId :
 DSN002

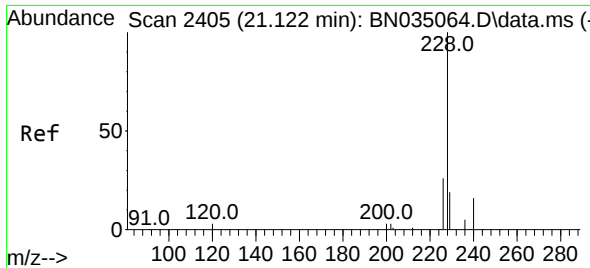
Tgt Ion:202 Resp: 1196
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.7 25.1
 203 24.4 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.427 ng
 RT: 19.587 min Scan# 2088
 Delta R.T. -0.002 min
 Lab File: BN035073.D
 Acq: 13 Nov 2024 19:14

Tgt Ion:244 Resp: 11606
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.6 11.4
 122 9.2 6.1 9.1#

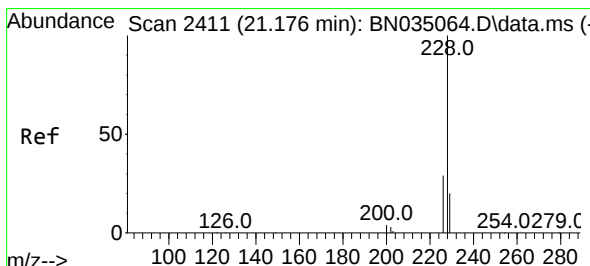
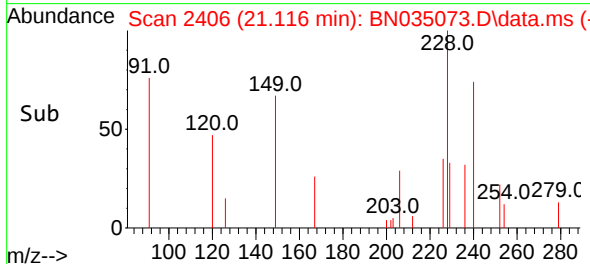
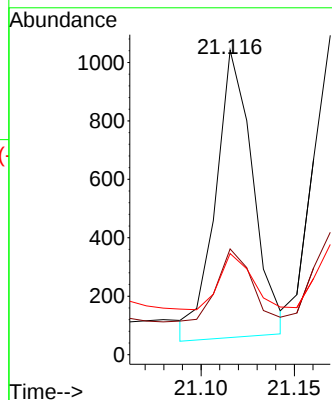
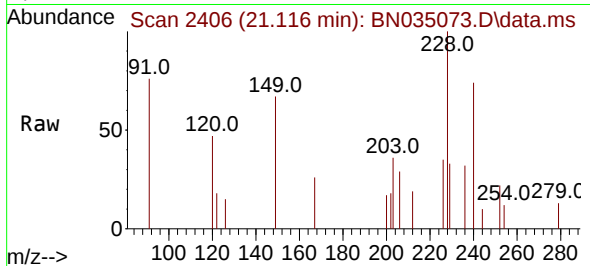




#32
Benzo(a)anthracene
Concen: 0.030 ng
RT: 21.116 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

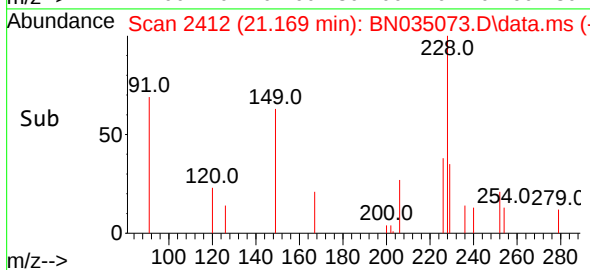
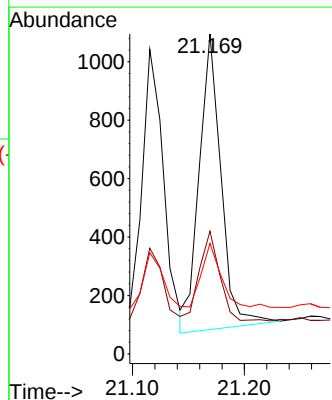
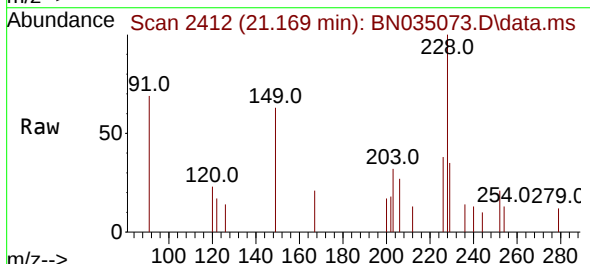
Instrument :
BNA_N
ClientSampleId :
DSN002

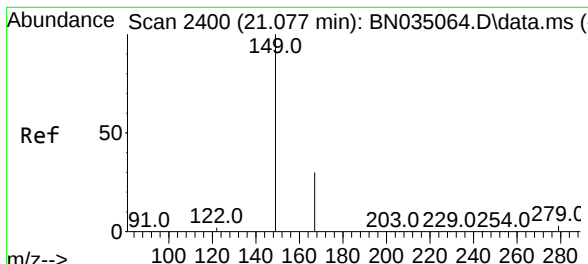
Tgt Ion:228 Resp: 1371
Ion Ratio Lower Upper
228 100
226 34.7 21.4 32.0#
229 33.2 15.7 23.5#



#33
Chrysene
Concen: 0.031 ng
RT: 21.169 min Scan# 2412
Delta R.T. -0.007 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Tgt Ion:228 Resp: 1374
Ion Ratio Lower Upper
228 100
226 38.4 23.7 35.5#
229 34.5 16.2 24.4#

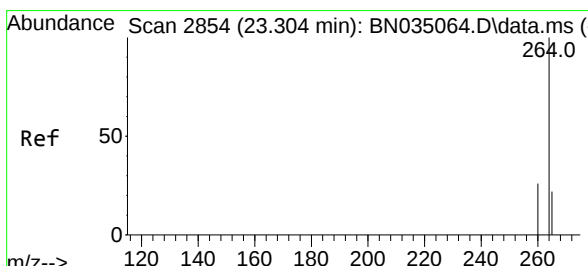
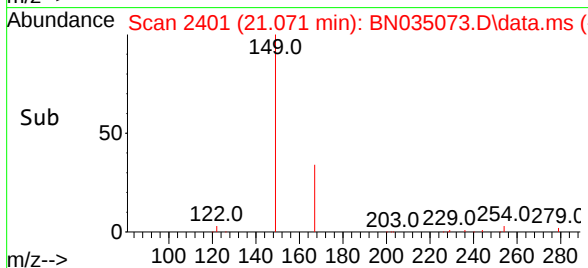
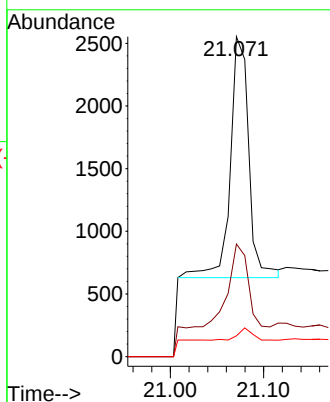
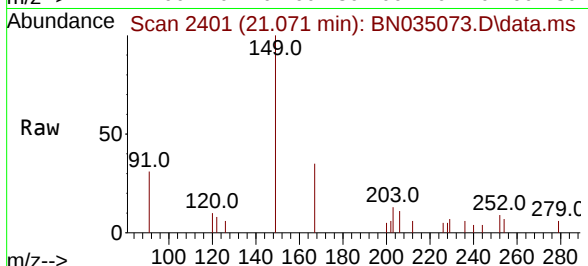




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.071 min Scan# 2401
 Delta R.T. -0.007 min
 Lab File: BN035073.D
 Acq: 13 Nov 2024 19:14

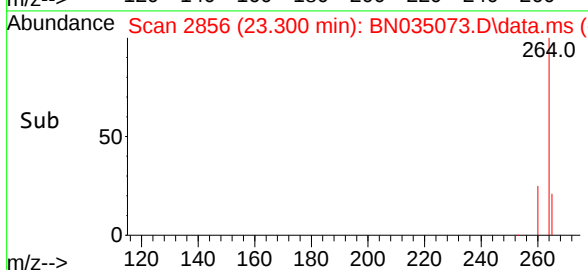
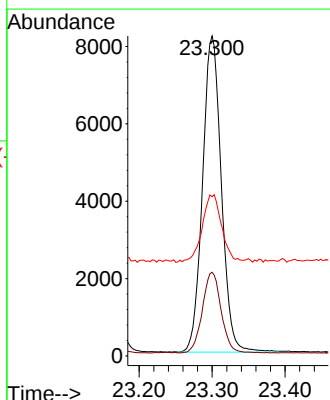
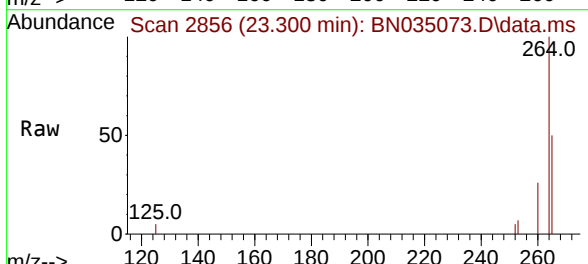
Instrument :
 BNA_N
 ClientSampleId :
 DSN002

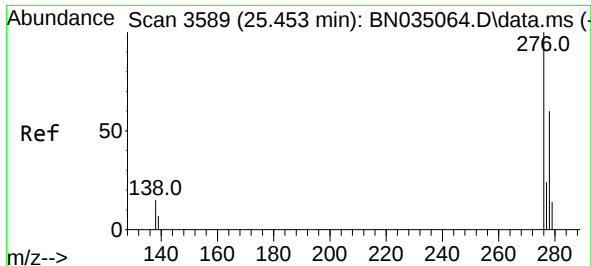
Tgt Ion:	149	Resp:	2672
Ion Ratio	Lower	Upper	
149	100		
167	37.5	23.2	34.8#
279	3.9	3.2	4.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.300 min Scan# 2856
 Delta R.T. -0.004 min
 Lab File: BN035073.D
 Acq: 13 Nov 2024 19:14

Tgt Ion:	264	Resp:	14627
Ion Ratio	Lower	Upper	
264	100		
260	26.2	20.9	31.3
265	49.8	35.4	53.2

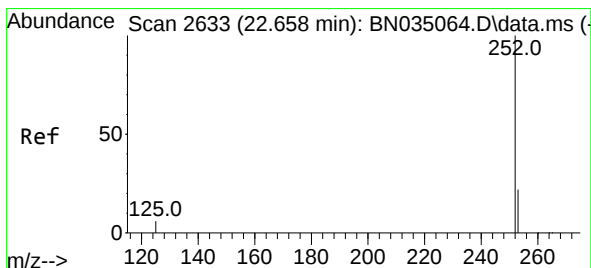
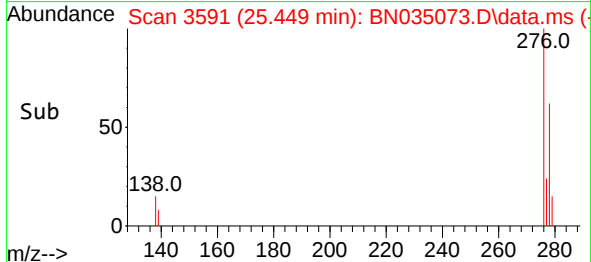
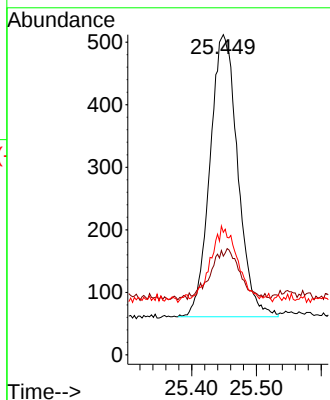
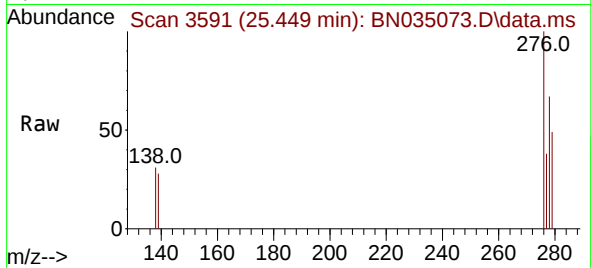




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 25.449 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

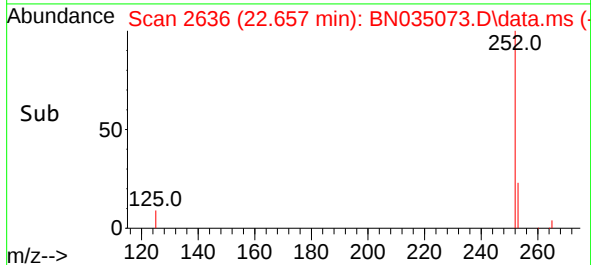
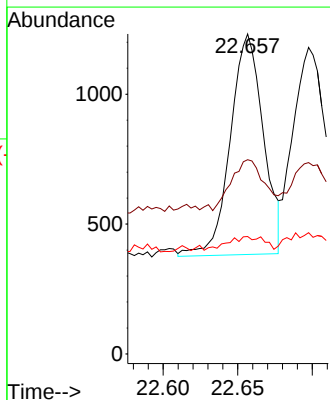
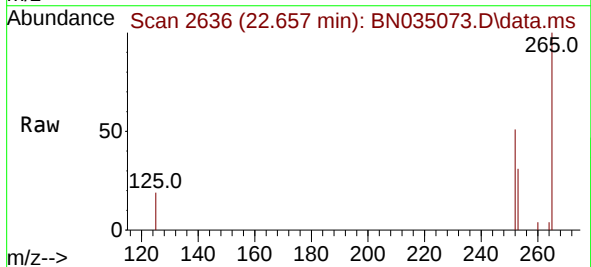
Instrument :
BNA_N
ClientSampleId :
DSN002

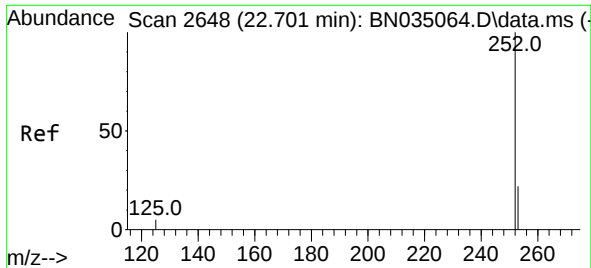
Tgt Ion:276 Resp: 1343
Ion Ratio Lower Upper
276 100
138 18.6 13.0 19.4
277 25.2 19.8 29.6



#37
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 22.657 min Scan# 2636
Delta R.T. -0.001 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Tgt Ion:252 Resp: 1309
Ion Ratio Lower Upper
252 100
253 60.7 19.3 28.9#
125 36.7 6.2 9.2#

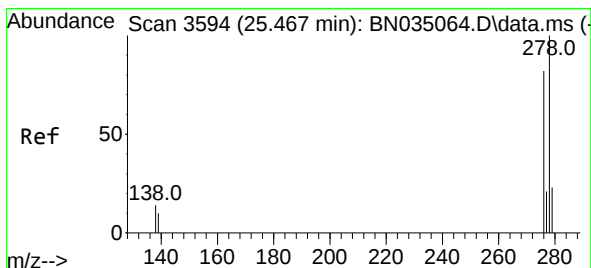
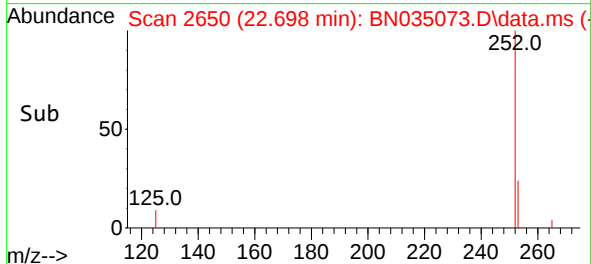
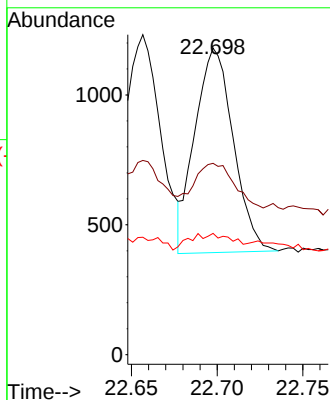
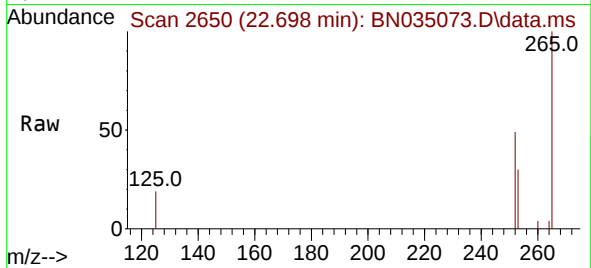




#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 22.698 min Scan# 2650
Delta R.T. -0.004 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

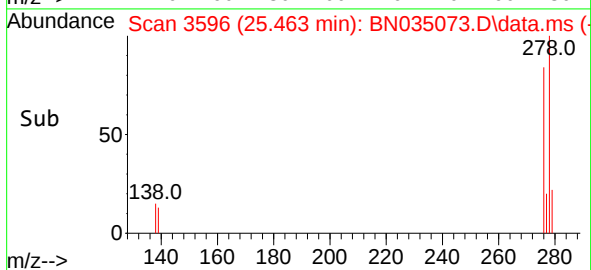
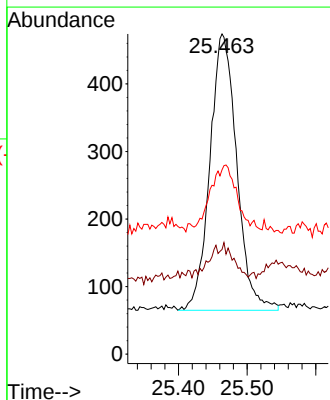
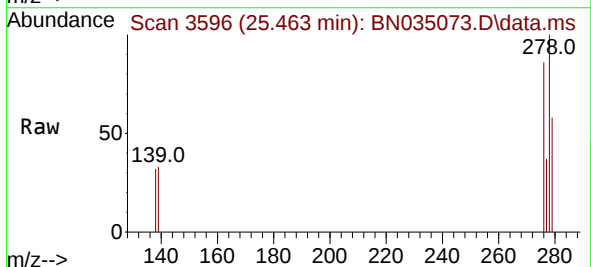
Instrument :
BNA_N
ClientSampleId :
DSN002

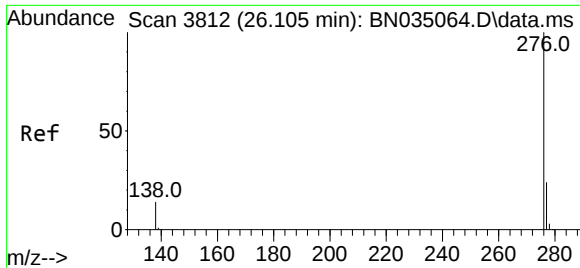
Tgt Ion:252 Resp: 1227
Ion Ratio Lower Upper
252 100
253 62.5 19.5 29.3#
125 39.6 6.5 9.7#



#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.463 min Scan# 3596
Delta R.T. -0.004 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Tgt Ion:278 Resp: 1113
Ion Ratio Lower Upper
278 100
139 32.7 9.3 13.9#
279 57.6 19.7 29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.020 ng
RT: 26.104 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN035073.D
Acq: 13 Nov 2024 19:14

Instrument :
BNA_N
ClientSampleId :
DSN002

Tgt Ion:276 Resp: 1008
Ion Ratio Lower Upper
276 100
277 42.0 19.9 29.9#
138 33.3 11.6 17.4#

