

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032734.D
 Acq On : 16 Jul 2024 11:00
 Operator : MA/JU
 Sample : P3137-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YDZE7MS

Quant Time: Jul 16 12:08:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

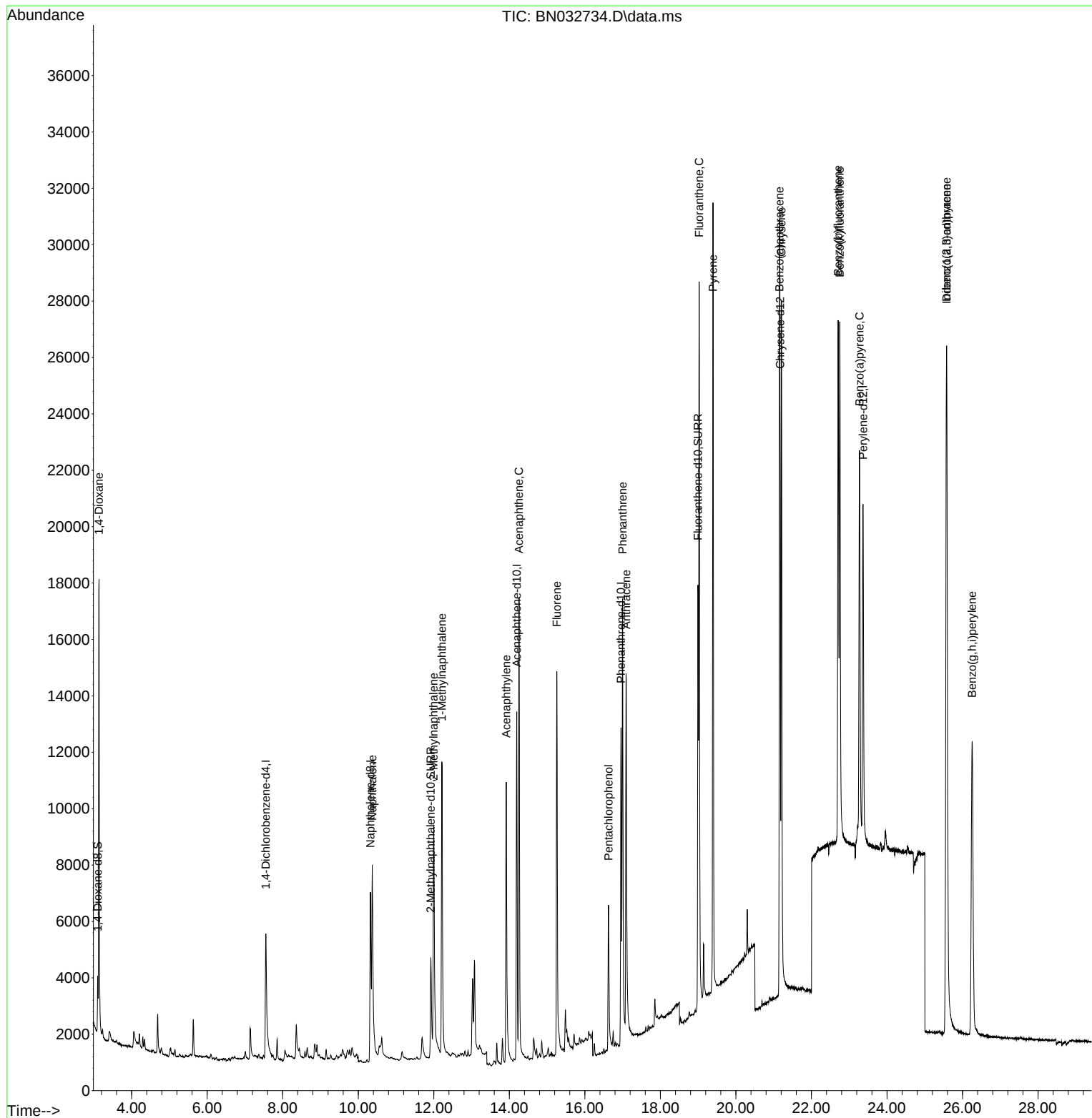
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	4041	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	11951	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	7411	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	15327	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.170	240	14239	0.400	ng/ul	#-0.02
23) Perylene-d12	23.365	264	16729	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1324	0.273	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	7292	0.404	ng/ul	-0.05
18) Fluoranthene-d10	18.994	212	18709	0.403	ng/ul	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.135	88	11538	2.088	ng/ul	92
5) Naphthalene	10.371	128	12462	0.388	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	8841	0.441	ng/ul	99
8) 1-Methylnaphthalene	12.219	142	9074	0.438	ng/ul	100
10) Acenaphthylene	13.920	152	13419	0.448	ng/ul	99
11) Acenaphthene	14.258	153	10613	0.429	ng/ul	99
12) Fluorene	15.257	166	10917	0.386	ng/ul	98
14) Pentachlorophenol	16.627	266	4814	1.790	ng/ul	99
15) Phenanthrene	16.999	178	18710	0.448	ng/ul	98
16) Anthracene	17.092	178	18472	0.542	ng/ul	98
19) Fluoranthene	19.027	202	23976	0.414	ng/ul	98
20) Pyrene	19.394	202	25850	0.431	ng/ul	100
21) Benzo(a)anthracene	21.156	228	22638	0.499	ng/ul	96
22) Chrysene	21.206	228	25089	0.383	ng/ul	95
24) Benzo(b)fluoranthene	22.707	252	24395	0.413	ng/ul	96
25) Benzo(k)fluoranthene	22.751	252	25996	0.361	ng/ul	95
26) Benzo(a)pyrene	23.272	252	22688	0.444	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.576	276	30143	0.436	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.579	278	23630	0.441	ng/ul	96
29) Benzo(g,h,i)perylene	26.253	276	23810	0.412	ng/ul	100

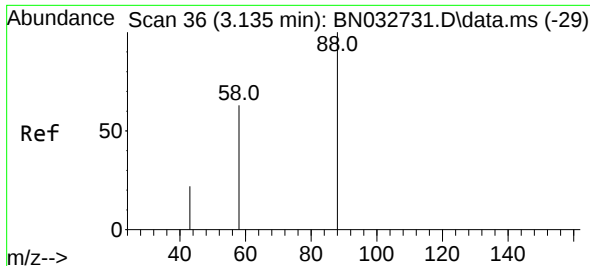
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 12:08:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

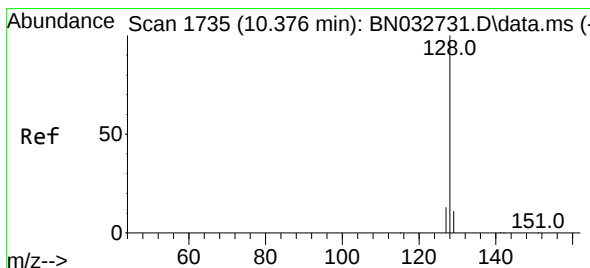
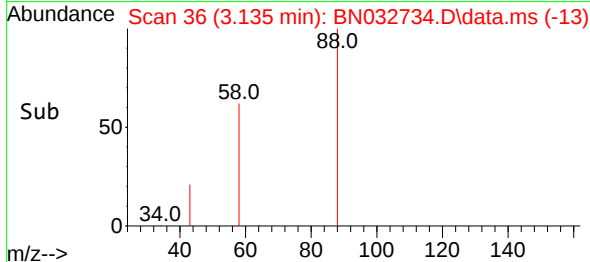
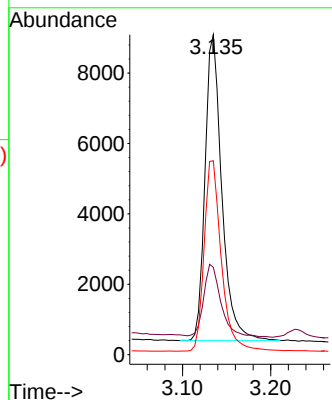
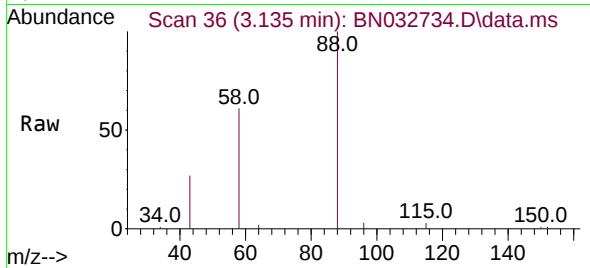




#2
1,4-Dioxane
Concen: 2.088 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

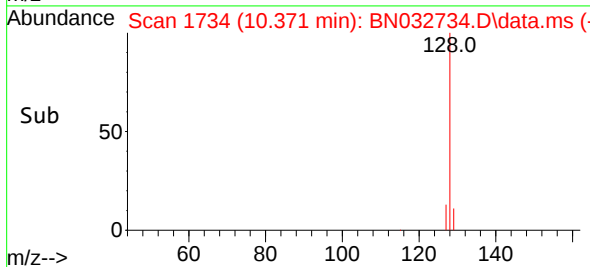
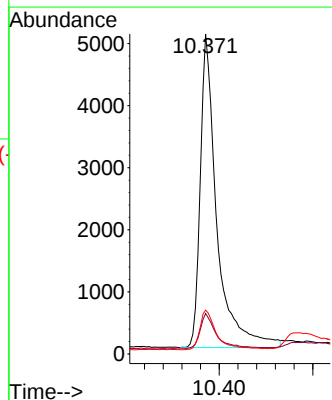
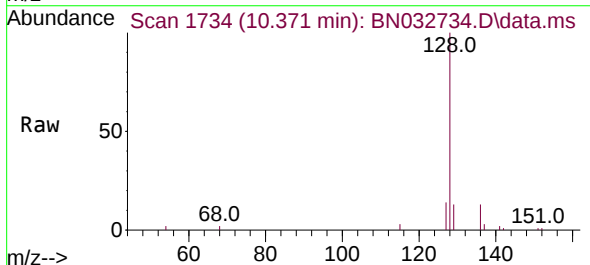
Instrument :
BNA_N
ClientSampleId :
YDZE7MS

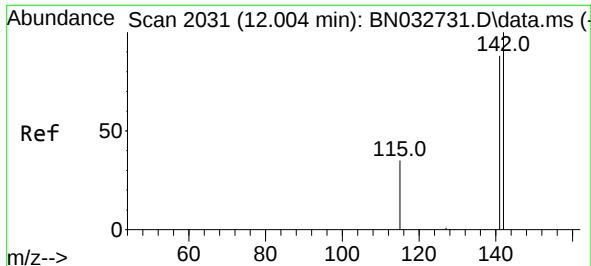
Tgt Ion: 88 Resp: 11538
Ion Ratio Lower Upper
88 100
43 27.3 24.0 36.0
58 60.6 43.3 64.9



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:128 Resp: 12462
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 13.7 11.6 17.4

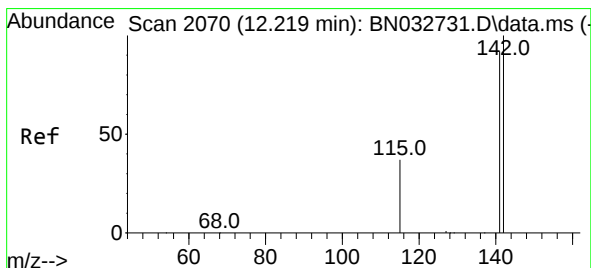
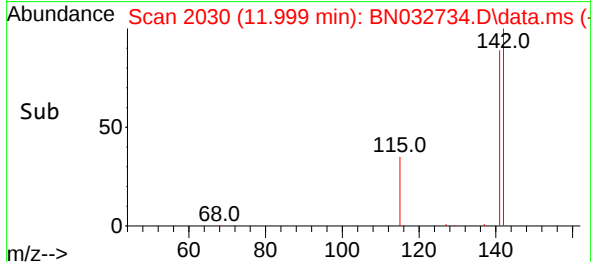
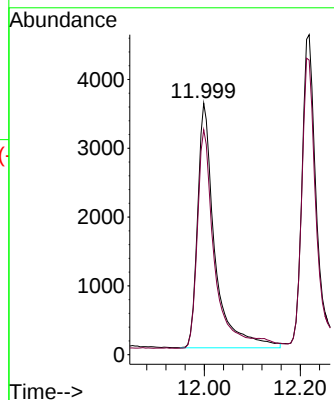
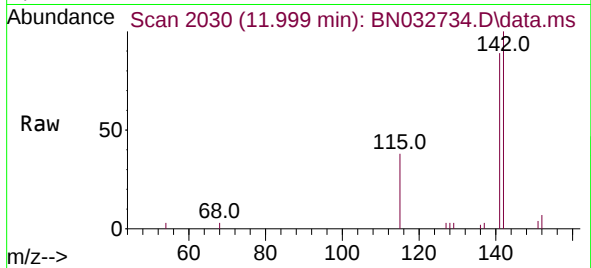




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.050 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

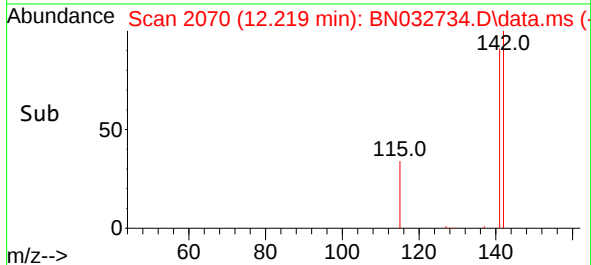
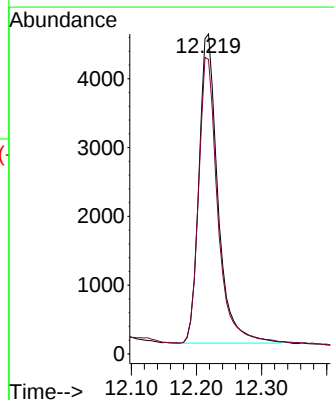
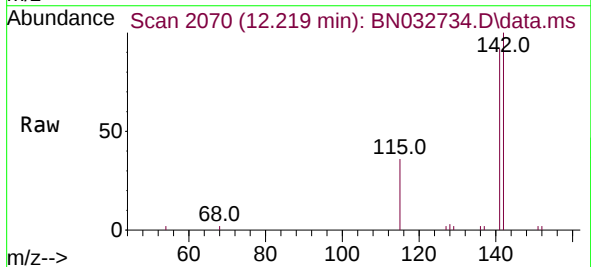
Instrument :
BNA_N
ClientSampleId :
YDZE7MS

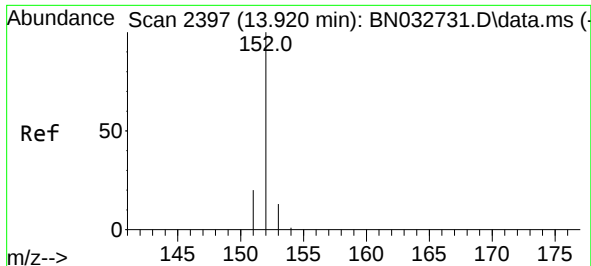
Tgt Ion:142 Resp: 8841
Ion Ratio Lower Upper
142 100
141 91.2 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.028 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:142 Resp: 9074
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

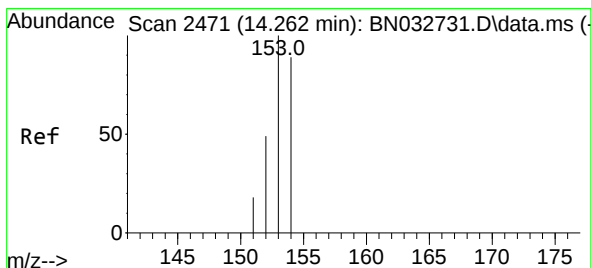
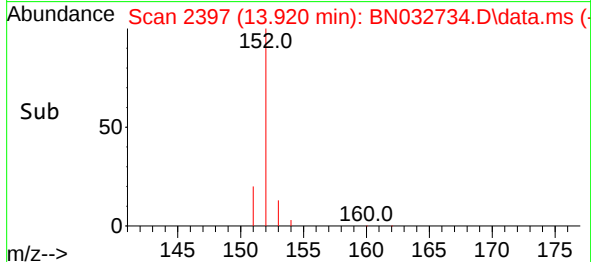
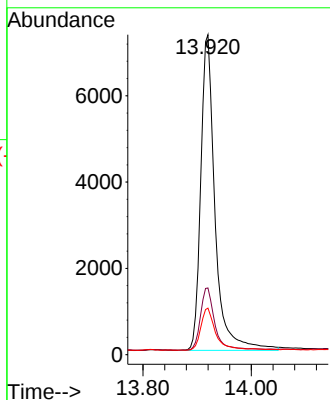
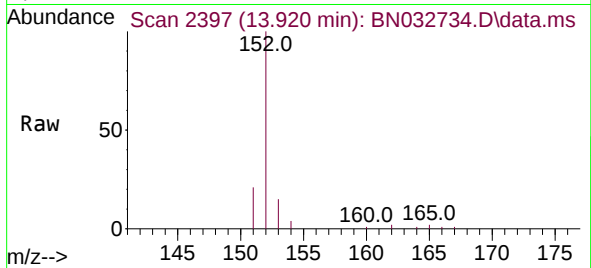




#10
Acenaphthylene
Concen: 0.448 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

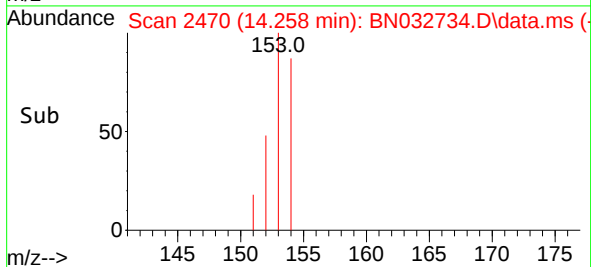
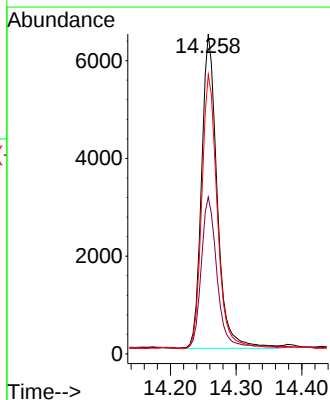
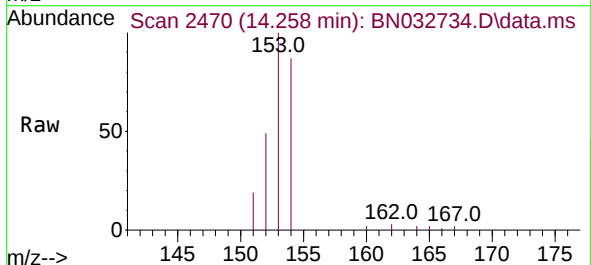
Instrument :
BNA_N
ClientSampleId :
YDZE7MS

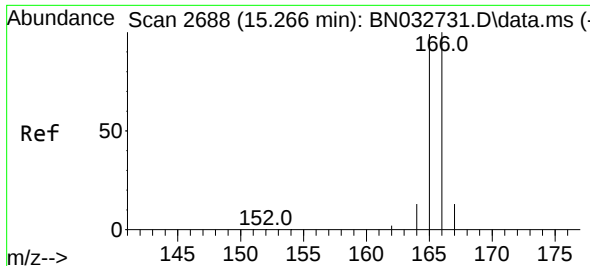
Tgt Ion:152 Resp: 13419
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.5 11.3 16.9



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:153 Resp: 10613
Ion Ratio Lower Upper
153 100
152 49.1 40.0 60.0
154 87.4 70.2 105.4

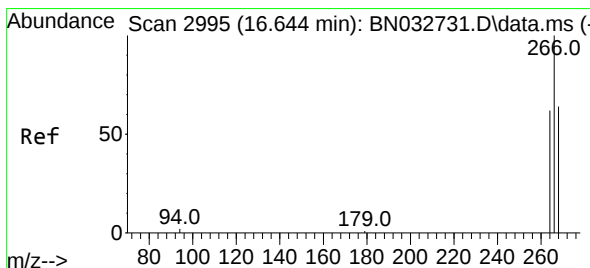
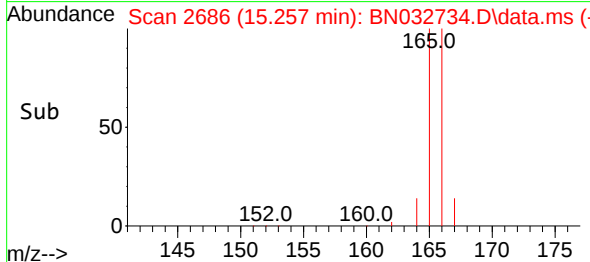
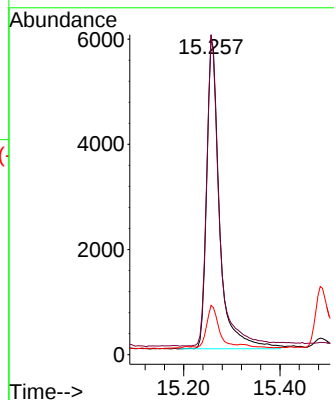
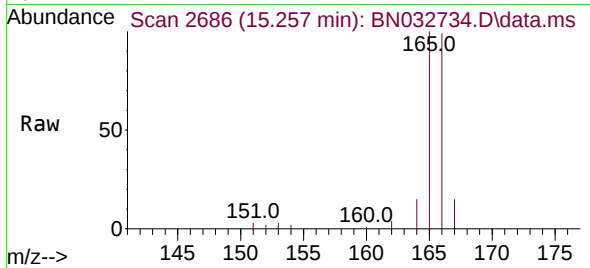




#12
Fluorene
Concen: 0.386 ng/ul
RT: 15.257 min Scan# 2091
Delta R.T. -0.032 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

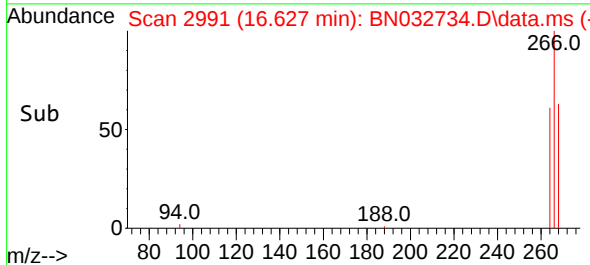
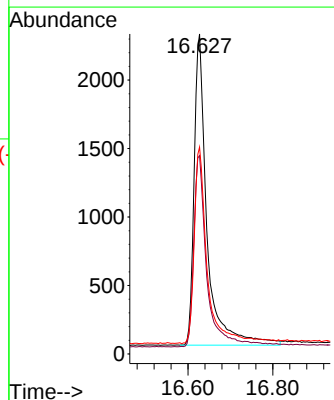
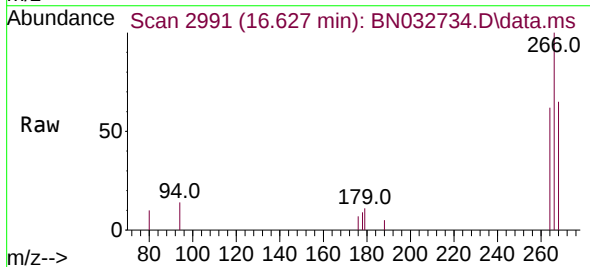
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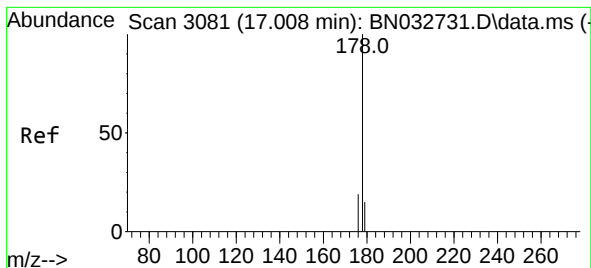
Tgt Ion:166 Resp: 10917
Ion Ratio Lower Upper
166 100
165 101.1 79.7 119.5
167 15.6 11.4 17.2



#14
Pentachlorophenol
Concen: 1.790 ng/ul
RT: 16.627 min Scan# 2991
Delta R.T. -0.042 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:266 Resp: 4814
Ion Ratio Lower Upper
266 100
264 62.9 49.4 74.2
268 64.8 51.6 77.4





#15

Phenanthrene

Concen: 0.448 ng/ul

RT: 16.999 min Scan# 3081

Delta R.T. -0.030 min

Lab File: BN032734.D

Acq: 16 Jul 2024 11:00

Instrument :

BNA_N

ClientSampleId :

YDZE7MS

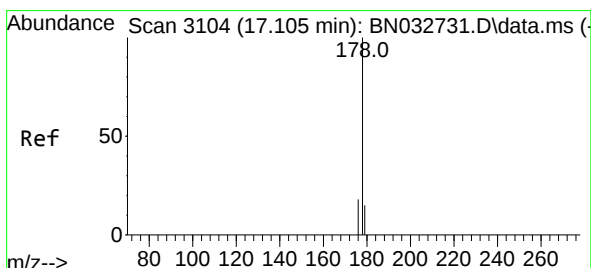
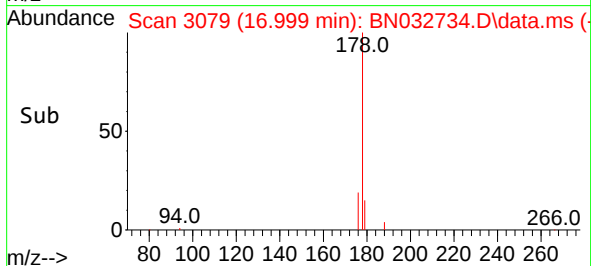
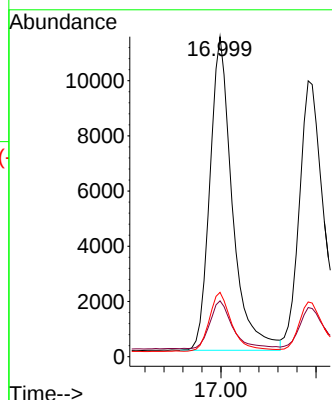
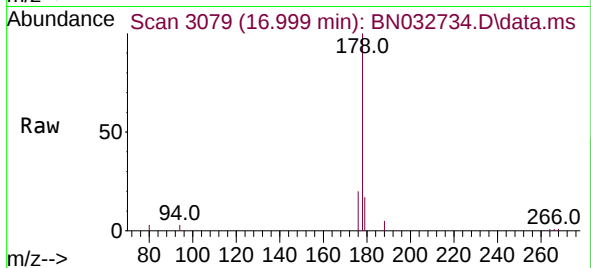
Tgt Ion:178 Resp: 18710

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.4

176 20.1 15.6 23.4



#16

Anthracene

Concen: 0.542 ng/ul

RT: 17.092 min Scan# 3101

Delta R.T. -0.047 min

Lab File: BN032734.D

Acq: 16 Jul 2024 11:00

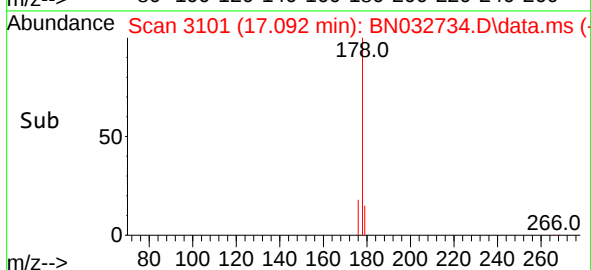
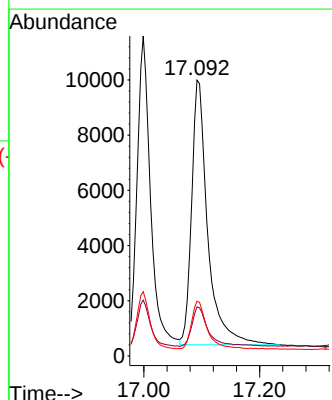
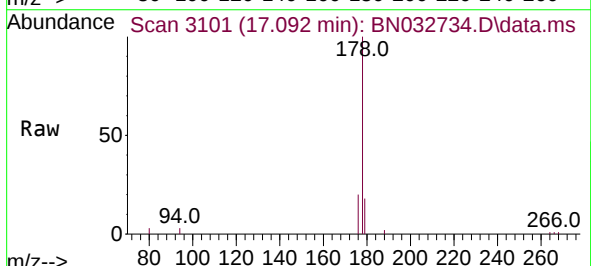
Tgt Ion:178 Resp: 18472

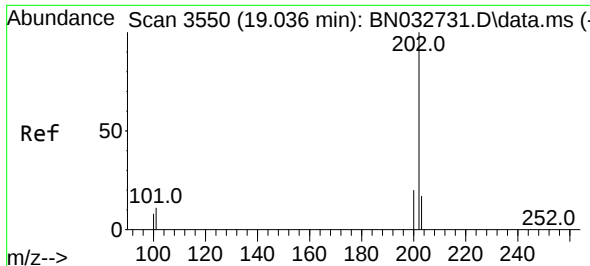
Ion Ratio Lower Upper

178 100

179 17.8 13.4 20.2

176 19.8 15.4 23.0

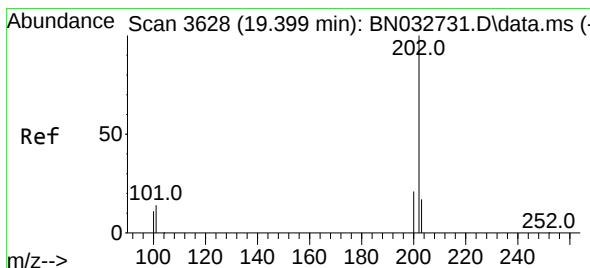
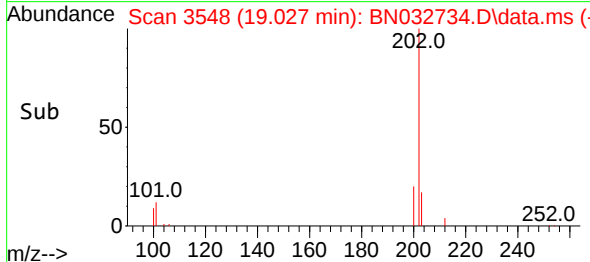
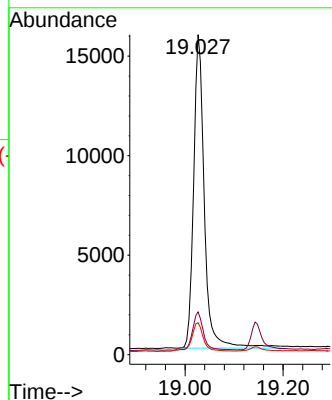
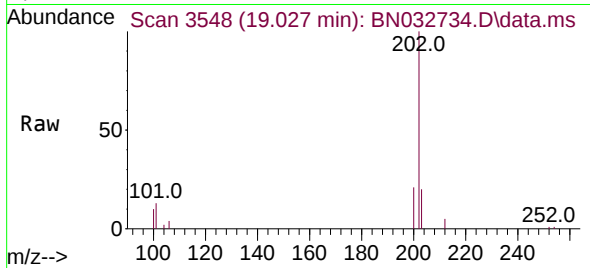




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

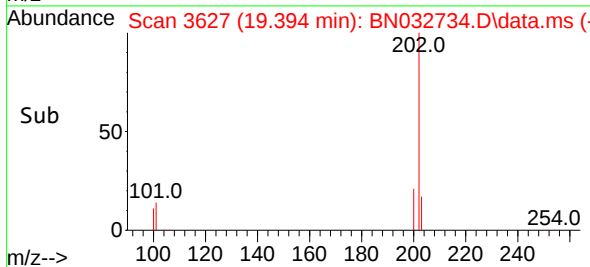
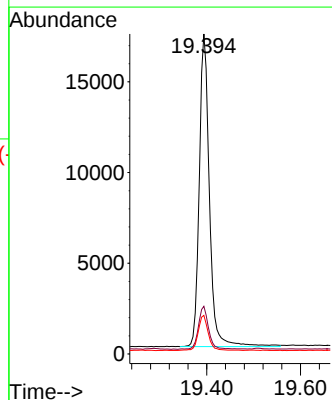
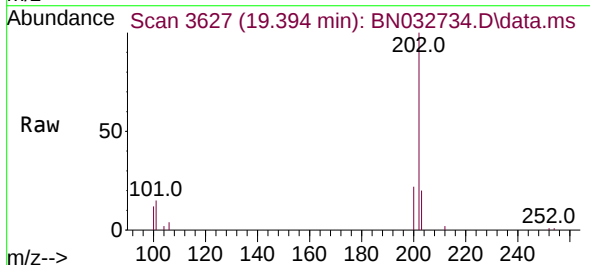
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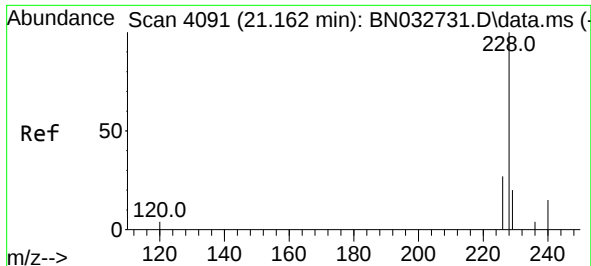
Tgt Ion:202 Resp: 23976
Ion Ratio Lower Upper
202 100
101 13.4 9.8 14.8
100 10.0 7.9 11.9



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:202 Resp: 25850
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 12.1 9.6 14.4

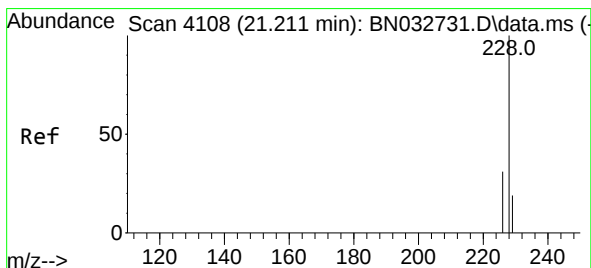
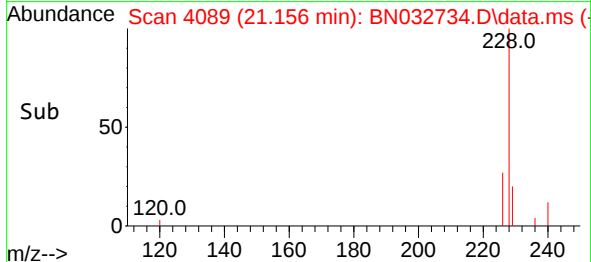
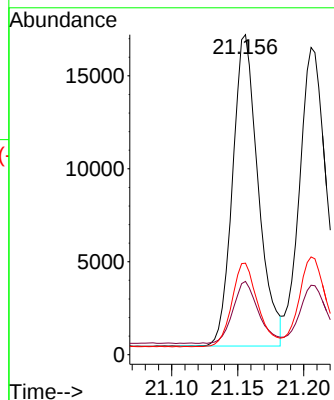
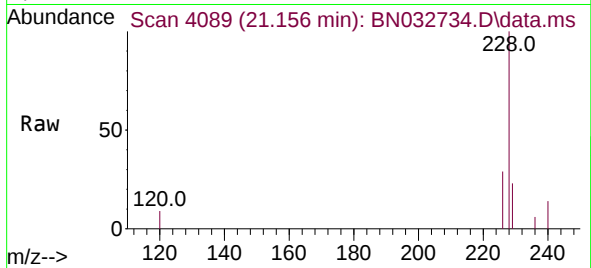




#21
Benzo(a)anthracene
Concen: 0.499 ng/ul
RT: 21.156 min Scan# 4091
Delta R.T. -0.026 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

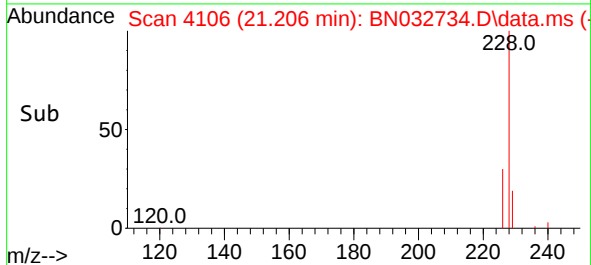
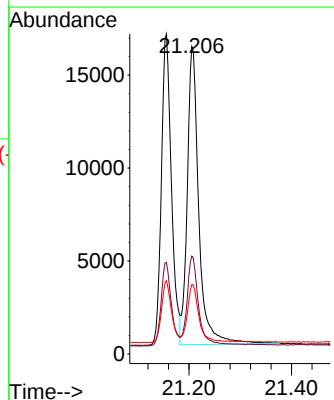
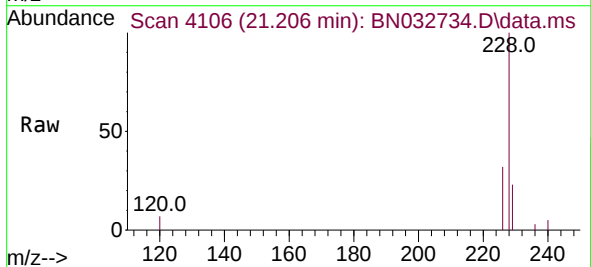
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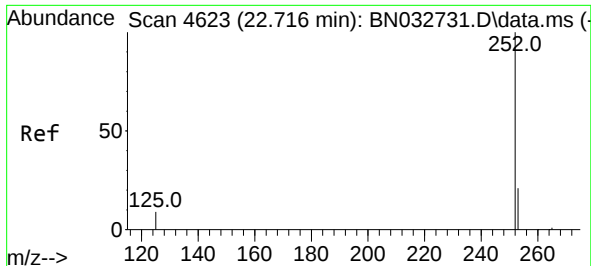
Tgt Ion:228 Resp: 22638
Ion Ratio Lower Upper
228 100
229 22.9 16.1 24.1
226 28.6 21.9 32.9



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:228 Resp: 25089
Ion Ratio Lower Upper
228 100
226 31.8 24.0 36.0
229 22.6 15.8 23.6

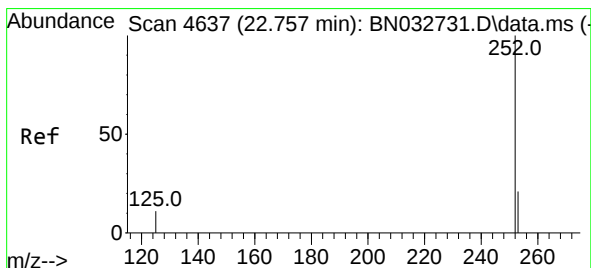
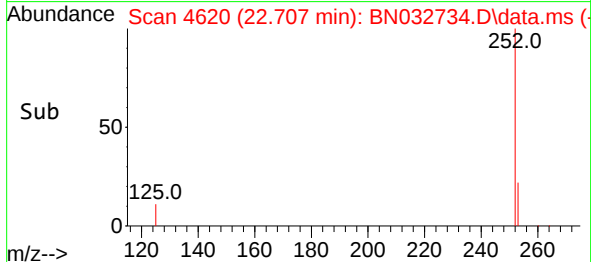
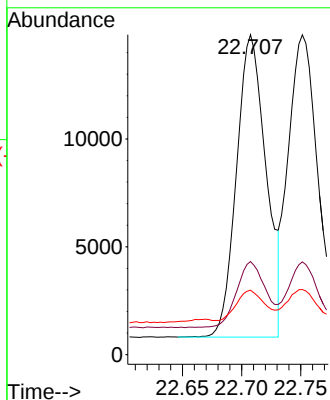
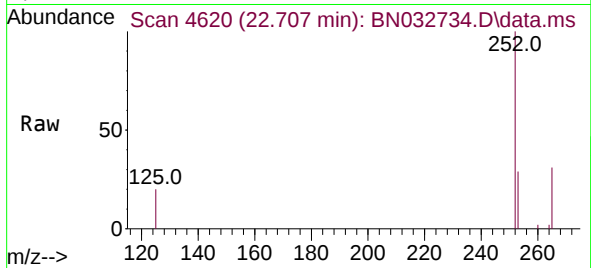




#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 22.707 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

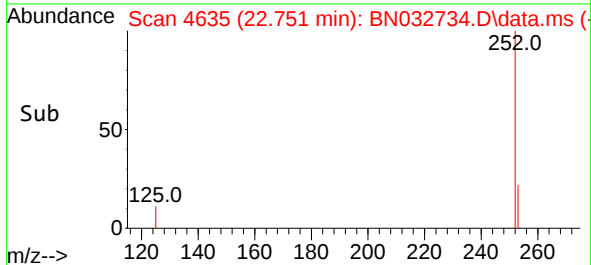
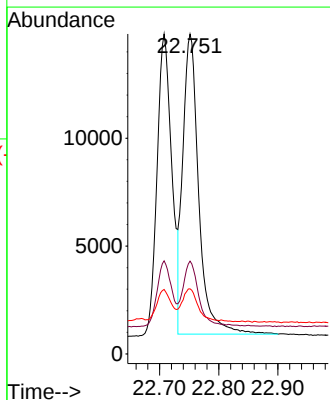
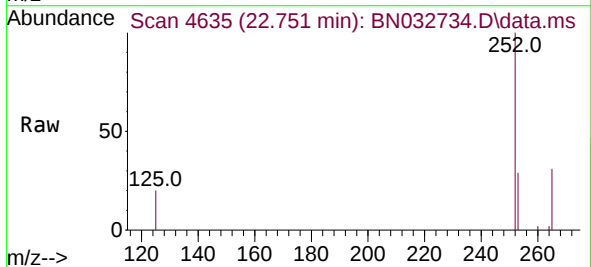
Instrument :
BNA_N
ClientSampleId :
YDZE7MS

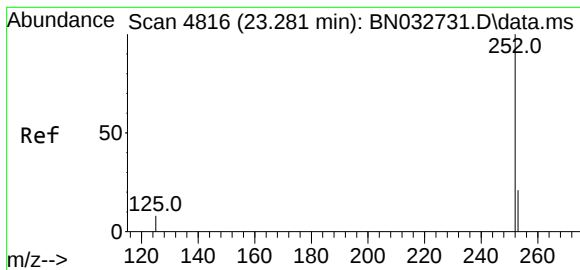
Tgt Ion:252 Resp: 24395
Ion Ratio Lower Upper
252 100
253 29.1 0.0 54.0
125 20.2 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:252 Resp: 25996
Ion Ratio Lower Upper
252 100
253 29.0 21.2 31.8
125 20.4 14.8 22.2

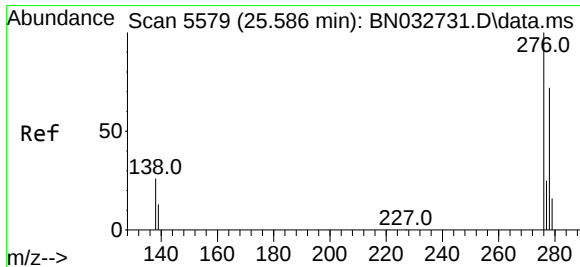
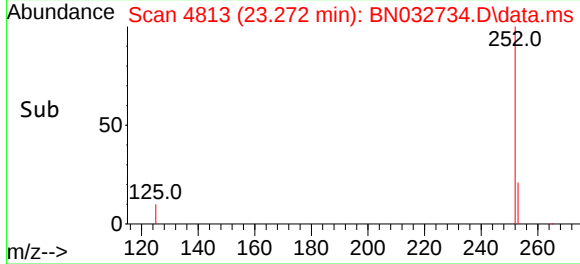
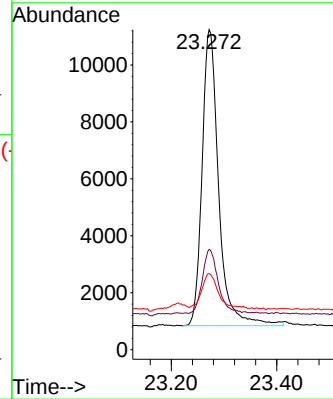
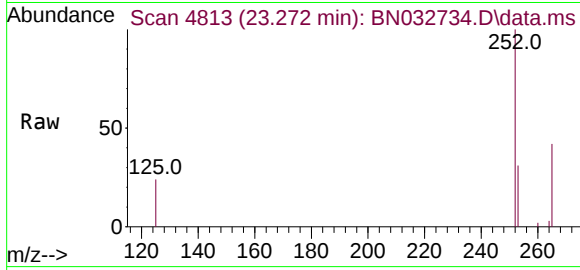




#26
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.272 min Scan# 4816
Delta R.T. -0.038 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

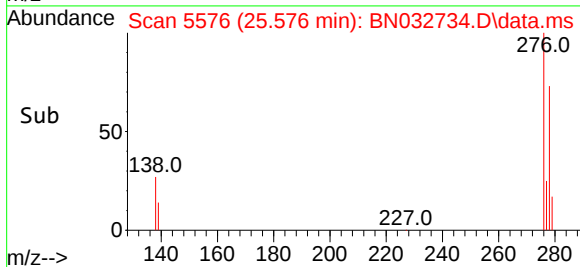
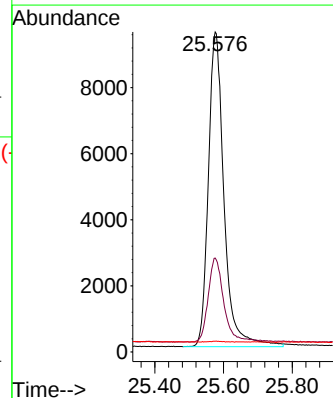
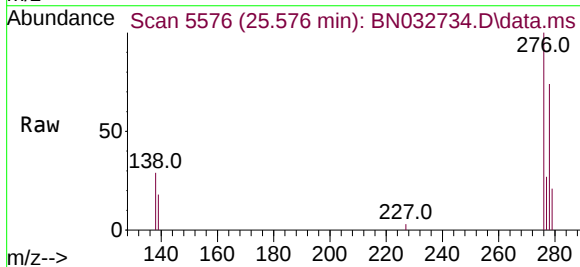
Instrument :
BNA_N
ClientSampleId :
YDZE7MS

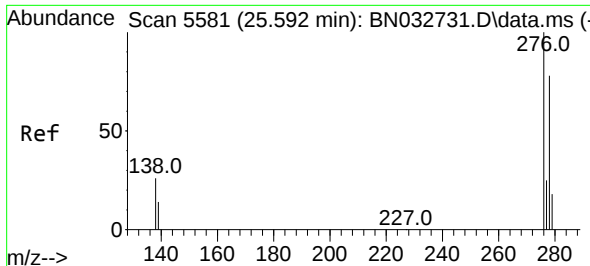
Tgt Ion:	252	Resp:	22688
Ion Ratio	Lower	Upper	
252	100		
253	31.3	25.4	38.0
125	23.8	20.6	30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.050 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:	276	Resp:	30143
Ion Ratio	Lower	Upper	
276	100		
138	26.9	21.6	32.4
227	0.2	0.0	0.0

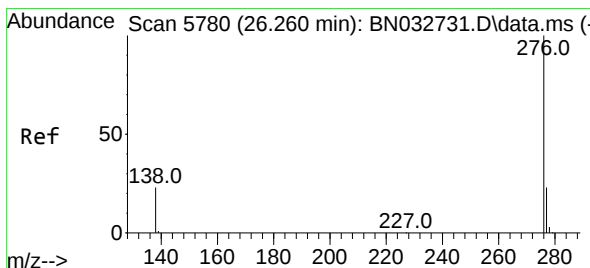
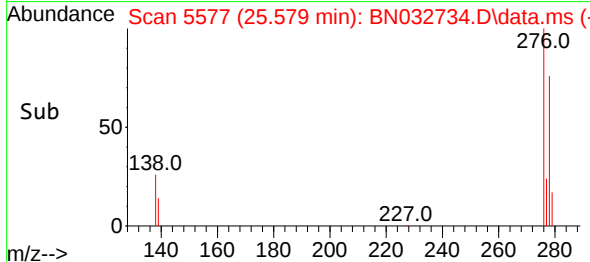
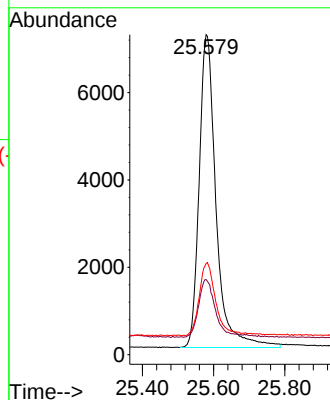
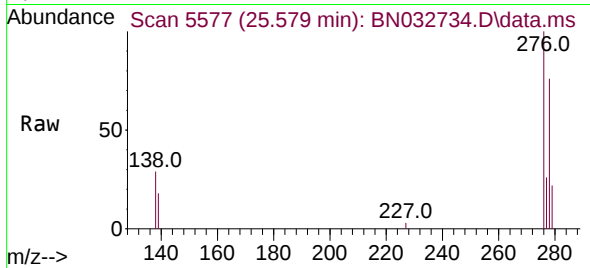




#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 25.579 min Scan# 51
Delta R.T. -0.060 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Instrument :
BNA_N
ClientSampleId :
YDZE7MS

Tgt Ion:278 Resp: 23630
Ion Ratio Lower Upper
278 100
139 23.4 16.6 24.8
279 28.5 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. -0.047 min
Lab File: BN032734.D
Acq: 16 Jul 2024 11:00

Tgt Ion:276 Resp: 23810
Ion Ratio Lower Upper
276 100
138 26.3 21.0 31.4
277 26.1 20.6 31.0

