

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034814.D
 Acq On : 01 Nov 2024 20:48
 Operator : RC/JU
 Sample : P4534-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1L63MSD

Quant Time: Nov 03 23:27:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

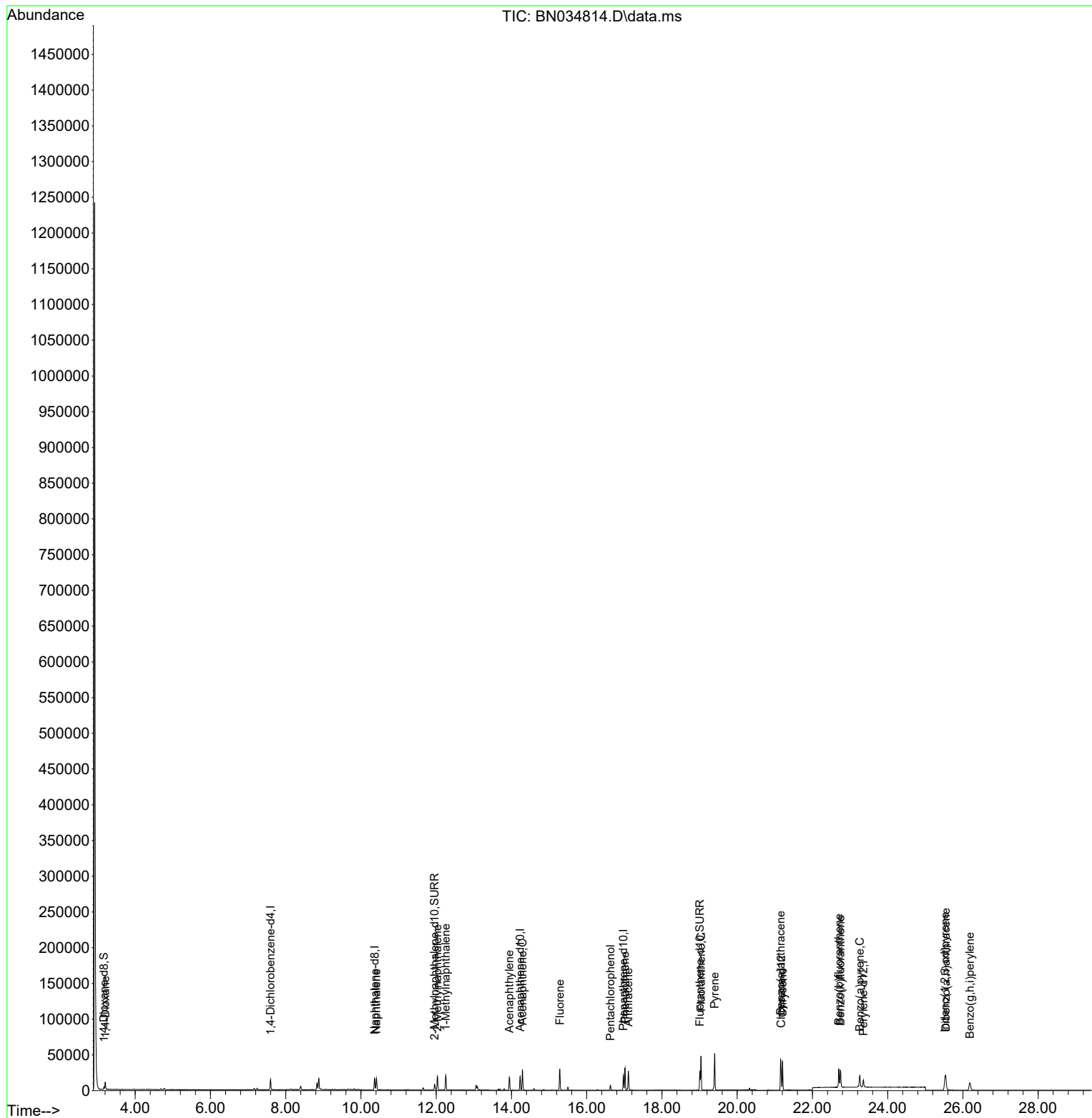
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	6585	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	19887	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.231	164	10540	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	21537	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	15205	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	12245	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	2281	0.335	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	10336	0.414	ng/ul	-0.01
18) Fluoranthene-d10	19.009	212	25777	0.521	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	6491	0.868	ng/ul#	89
5) Naphthalene	10.410	128	21267	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	13401	0.391	ng/ul	99
8) 1-Methylnaphthalene	12.253	142	13761	0.395	ng/ul	100
10) Acenaphthylene	13.944	152	20401	0.425	ng/ul	100
11) Acenaphthene	14.291	153	15904	0.433	ng/ul	99
12) Fluorene	15.286	166	18291	0.447	ng/ul	99
14) Pentachlorophenol	16.629	266	4584	1.079	ng/ul	99
15) Phenanthrene	17.017	178	32179	0.494	ng/ul	100
16) Anthracene	17.106	178	27668	0.459	ng/ul	100
19) Fluoranthene	19.037	202	37357	0.506	ng/ul	98
20) Pyrene	19.400	202	39310	0.512	ng/ul	97
21) Benzo(a)anthracene	21.154	228	31840	0.523	ng/ul	100
22) Chrysene	21.204	228	33062	0.543	ng/ul	99
24) Benzo(b)fluoranthene	22.700	252	28930	0.580	ng/ul	99
25) Benzo(k)fluoranthene	22.744	252	28875	0.574	ng/ul	98
26) Benzo(a)pyrene	23.258	252	22073	0.514	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.524	276	24742	0.542	ng/ul	99
28) Dibenzo(a,h)anthracene	25.544	278	19169	0.555	ng/ul	99
29) Benzo(g,h,i)perylene	26.184	276	19483	0.543	ng/ul	99

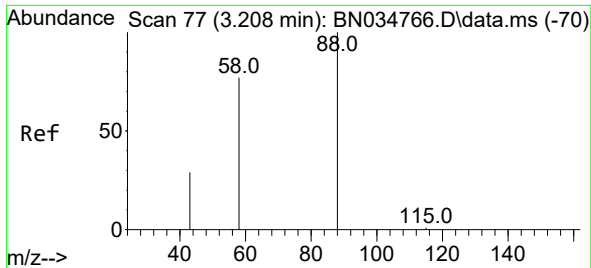
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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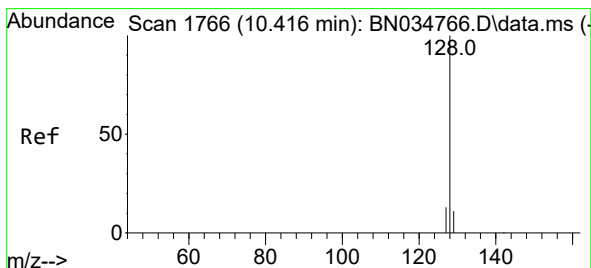
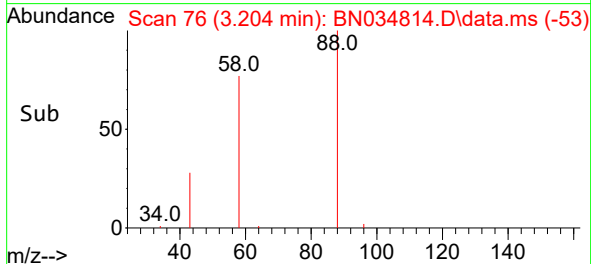
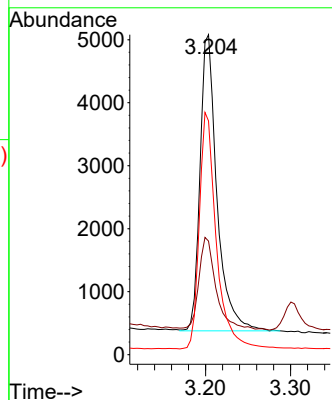
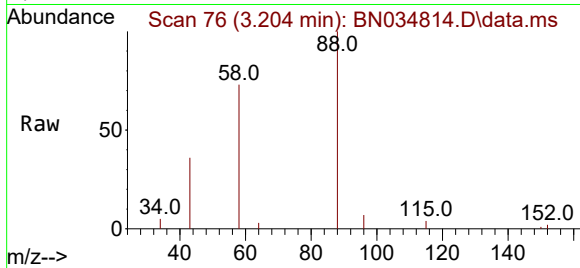




#2
1,4-Dioxane
Concen: 0.868 ng/ul
RT: 3.204 min Scan# 70
Delta R.T. -0.004 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

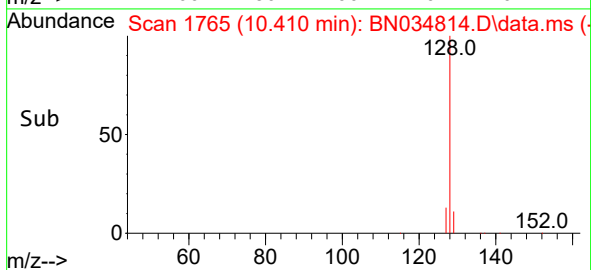
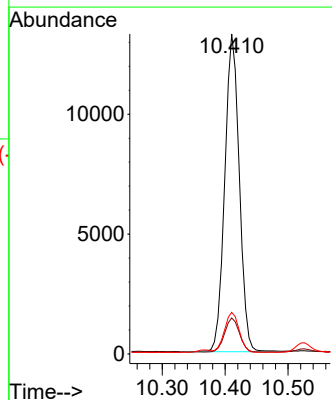
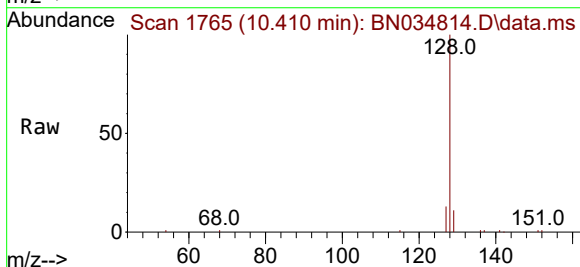
Instrument :
BNA_N
ClientSampleId :
E1L63MSD

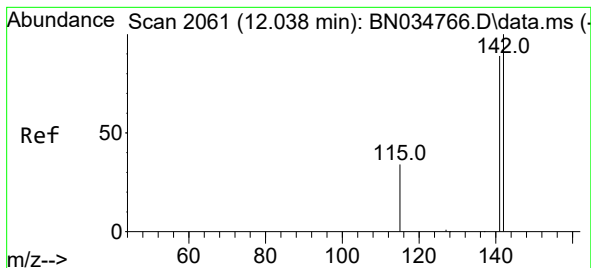
Tgt Ion: 88 Resp: 6491
Ion Ratio Lower Upper
88 100
43 35.5 41.9 62.9#
58 73.1 57.5 86.3



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion: 128 Resp: 21267
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.0 10.5 15.7

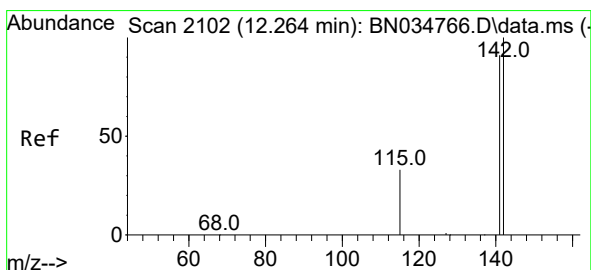
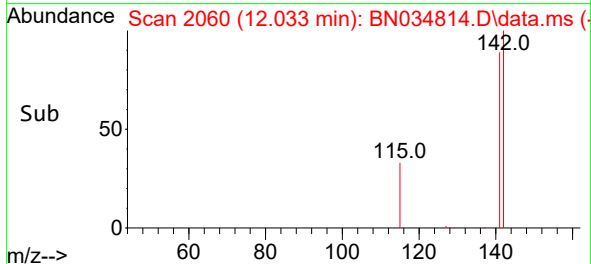
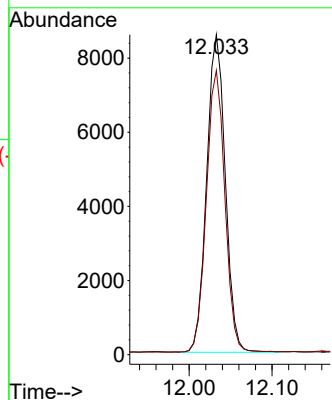
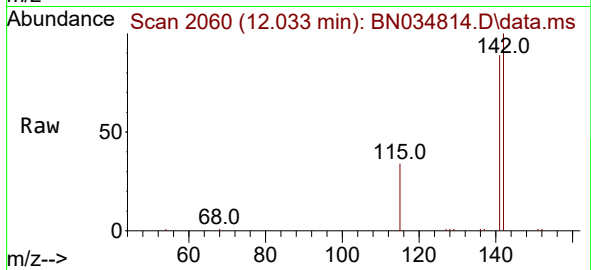




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.033 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

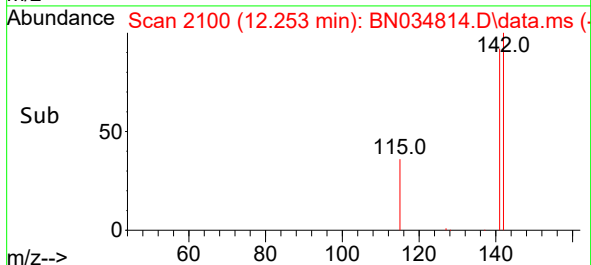
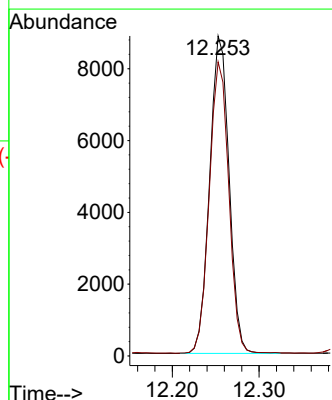
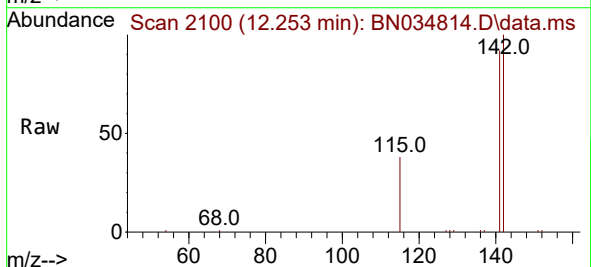
Instrument :
BNA_N
ClientSampleId :
E1L63MSD

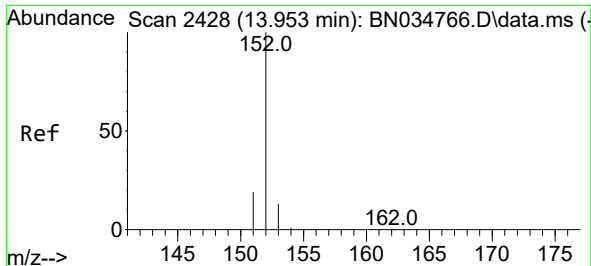
Tgt Ion:142 Resp: 13401
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:142 Resp: 13761
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4

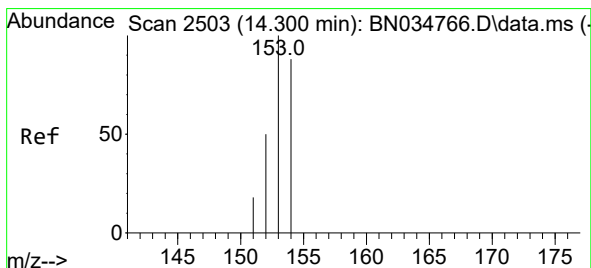
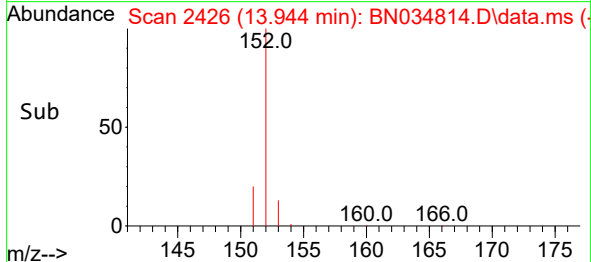
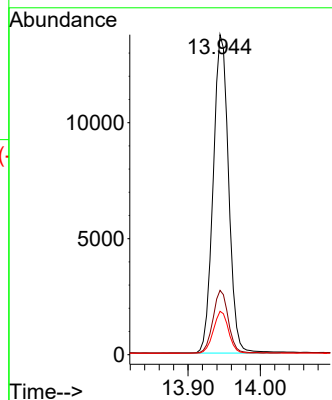
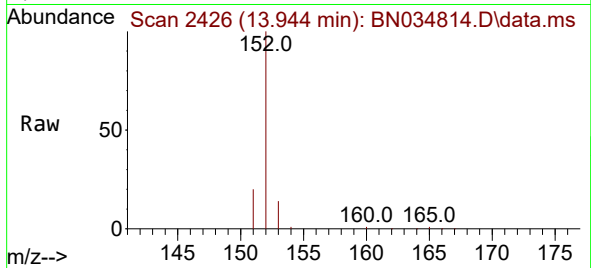




#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 13.944 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

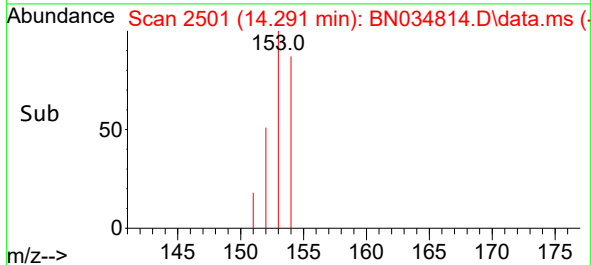
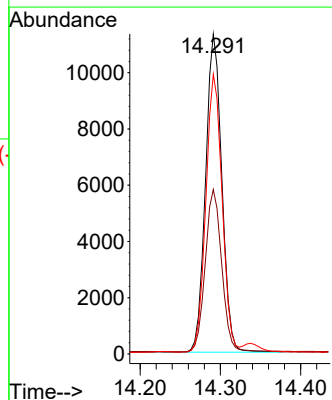
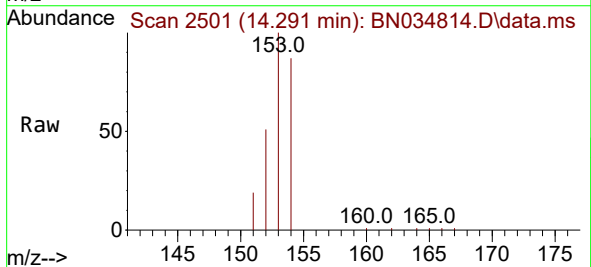
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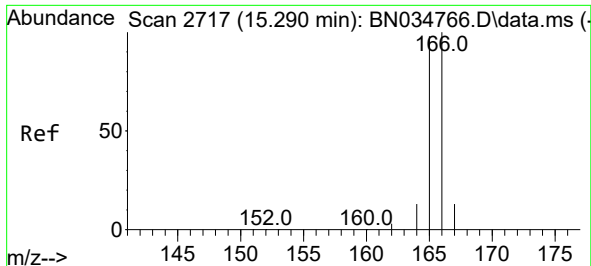
Tgt Ion:152 Resp: 20401
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.6 10.7 16.1



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:153 Resp: 15904
Ion Ratio Lower Upper
153 100
152 51.4 40.3 60.5
154 87.4 69.9 104.9

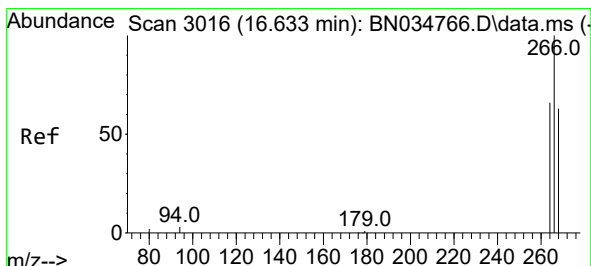
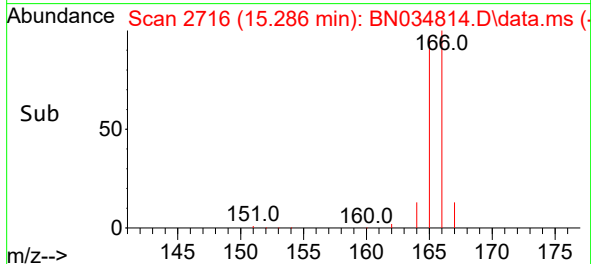
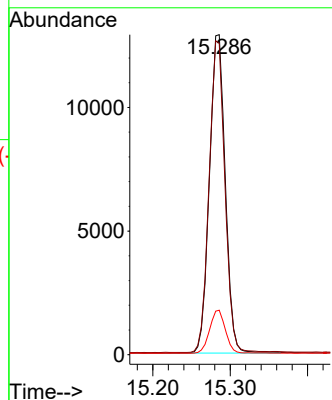
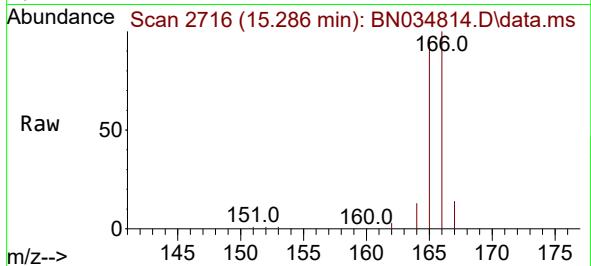




#12
Fluorene
Concen: 0.447 ng/ul
RT: 15.286 min Scan# 2716
Delta R.T. -0.005 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

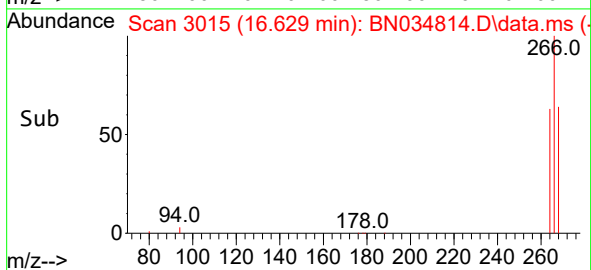
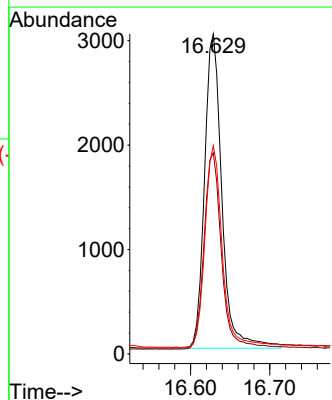
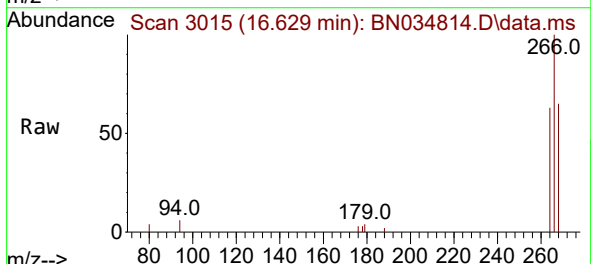
Instrument :
BNA_N
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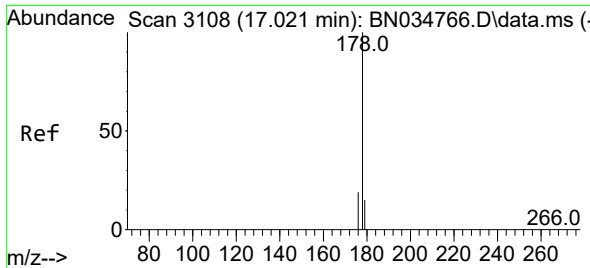
Tgt Ion:166 Resp: 18291
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 13.9 11.0 16.4



#14
Pentachlorophenol
Concen: 1.079 ng/ul
RT: 16.629 min Scan# 3015
Delta R.T. -0.008 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:266 Resp: 4584
Ion Ratio Lower Upper
266 100
264 63.2 50.1 75.1
268 64.4 52.0 78.0

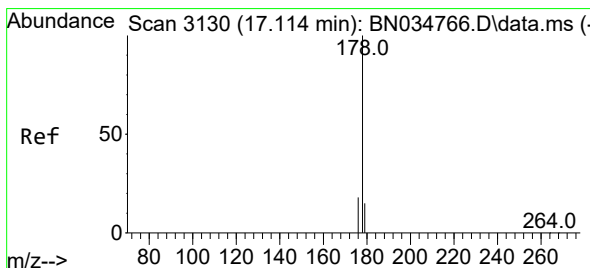
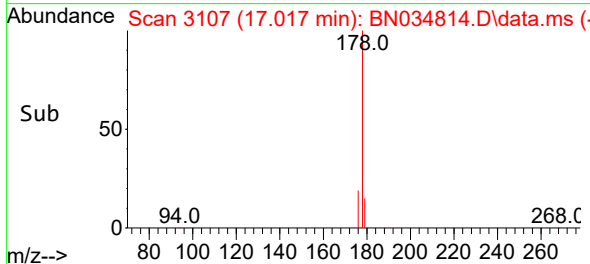
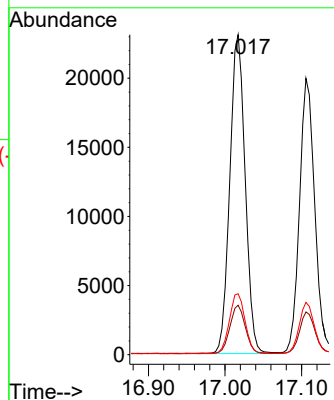
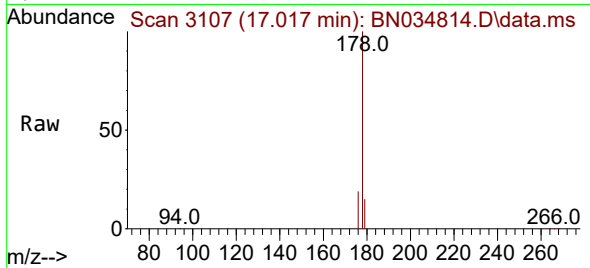




#15
Phenanthrene
Concen: 0.494 ng/ul
RT: 17.017 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

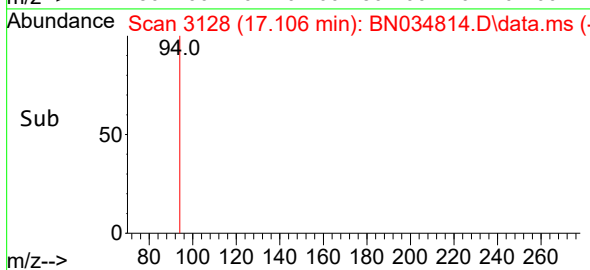
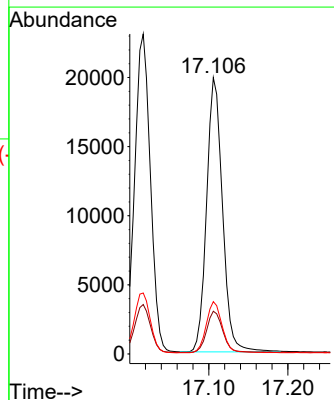
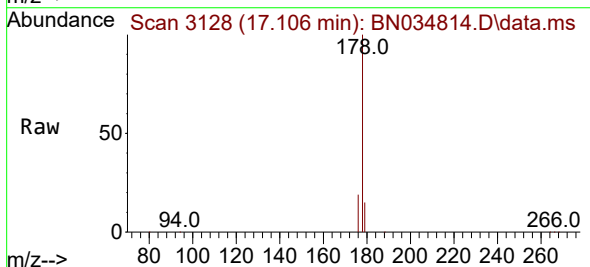
Instrument :
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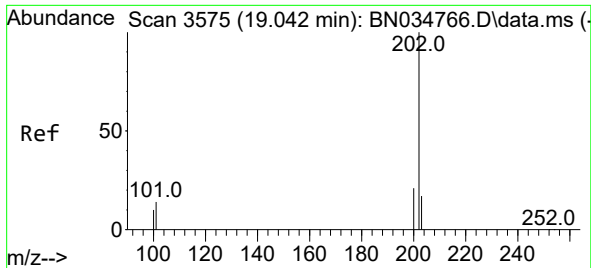
Tgt Ion:178 Resp: 32179
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.1 15.4 23.0



#16
Anthracene
Concen: 0.459 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:178 Resp: 27668
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.9 15.1 22.7

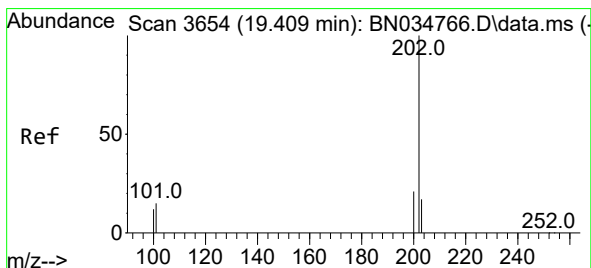
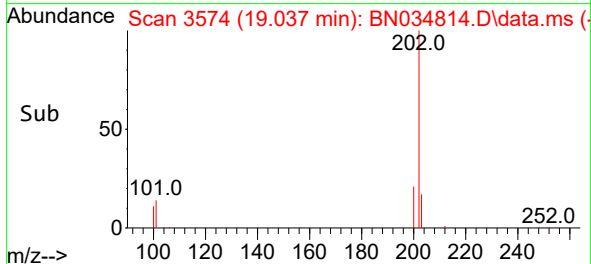
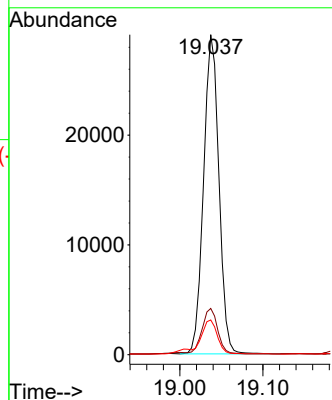
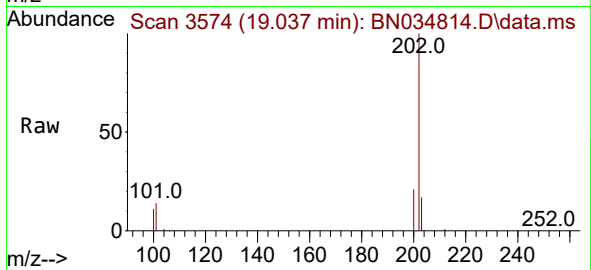




#19
Fluoranthene
Concen: 0.506 ng/ul
RT: 19.037 min Scan# 3574
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

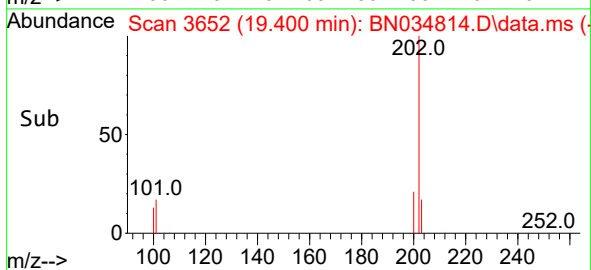
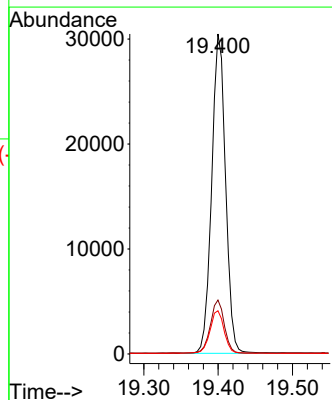
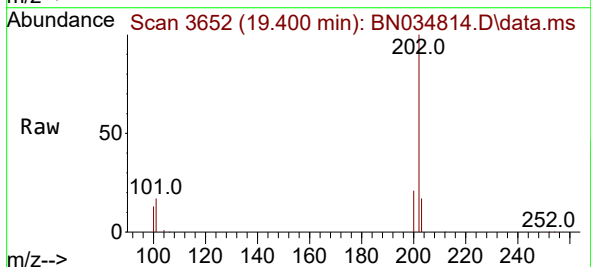
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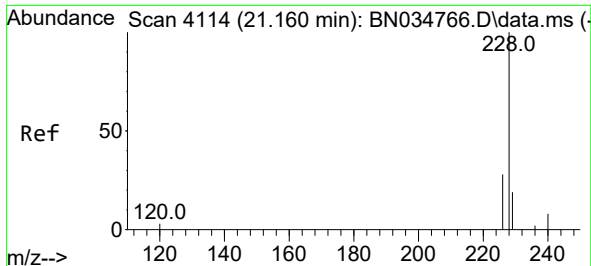
Tgt Ion:202 Resp: 37357
Ion Ratio Lower Upper
202 100
101 14.4 10.8 16.2
100 10.8 8.2 12.2



#20
Pyrene
Concen: 0.512 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

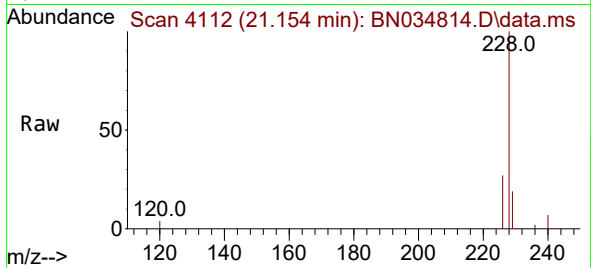
Tgt Ion:202 Resp: 39310
Ion Ratio Lower Upper
202 100
101 16.9 12.4 18.6
100 13.5 10.0 15.0



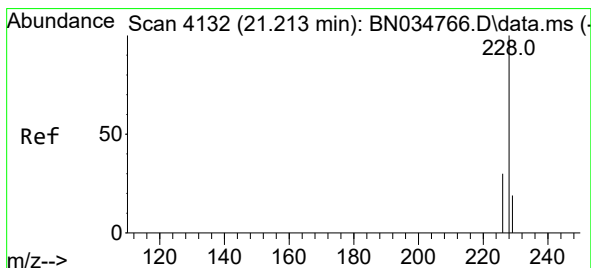
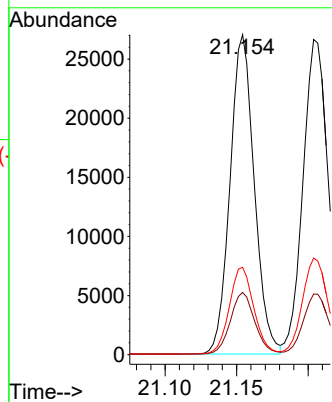
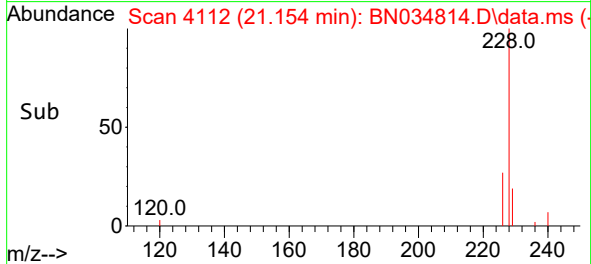


#21
Benzo(a)anthracene
Concen: 0.523 ng/ul
RT: 21.154 min Scan# 4112
Delta R.T. -0.006 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
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ClientSampleId :
E1L63MSD

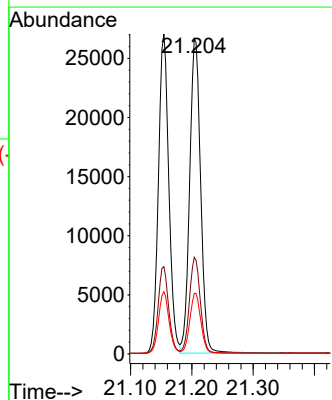
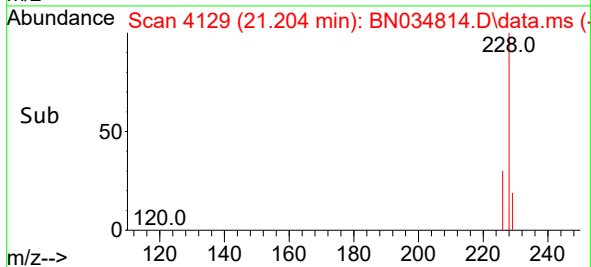
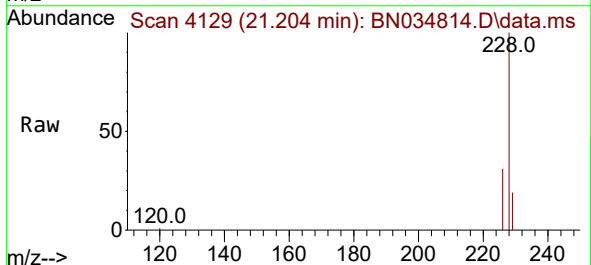


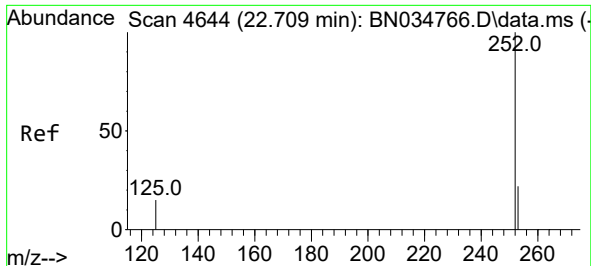
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Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.543 ng/ul
RT: 21.204 min Scan# 4129
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:228 Resp: 33062
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.2 15.6 23.4

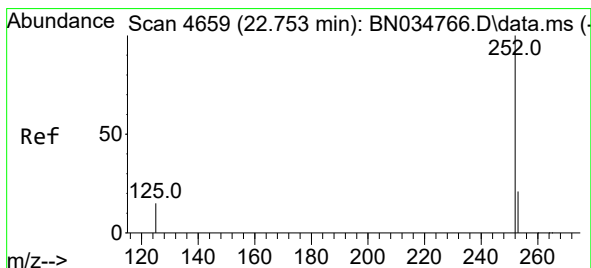
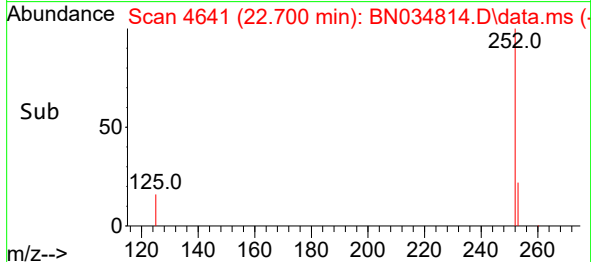
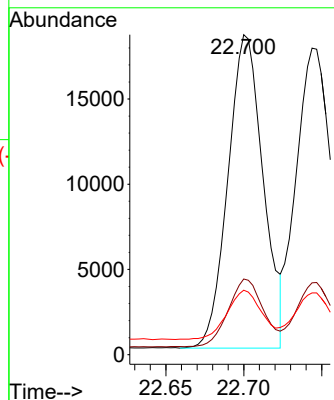
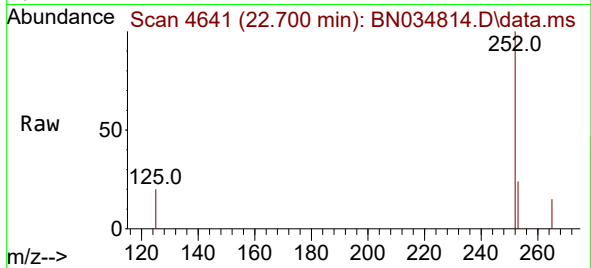




#24
Benzo(b)fluoranthene
Concen: 0.580 ng/ul
RT: 22.700 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

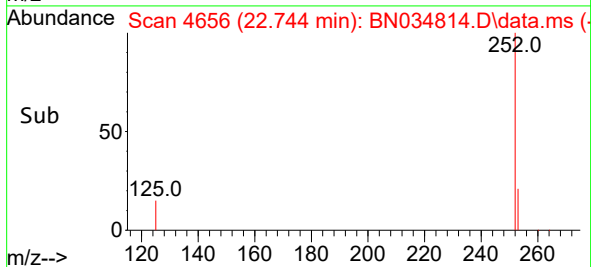
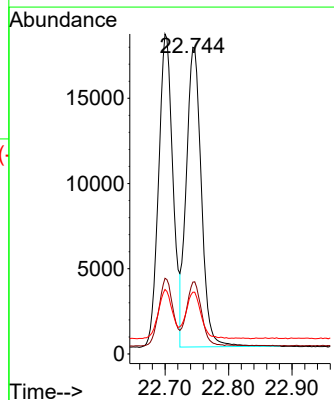
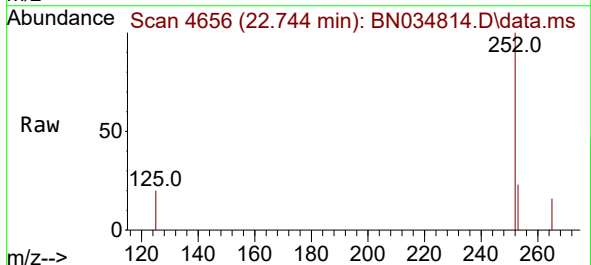
Instrument :
BNA_N
ClientSampleId :
E1L63MSD

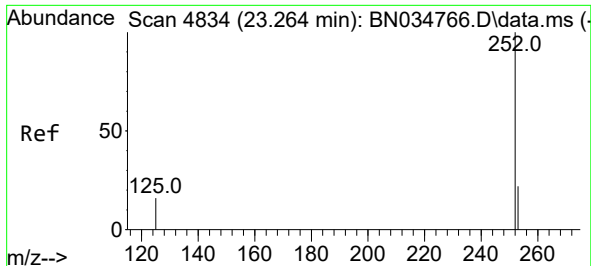
Tgt Ion:252 Resp: 28930
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.6
125 20.2 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.574 ng/ul
RT: 22.744 min Scan# 4656
Delta R.T. -0.006 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:252 Resp: 28875
Ion Ratio Lower Upper
252 100
253 23.4 19.1 28.7
125 20.2 17.0 25.4

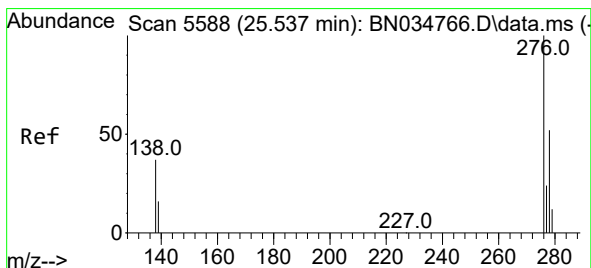
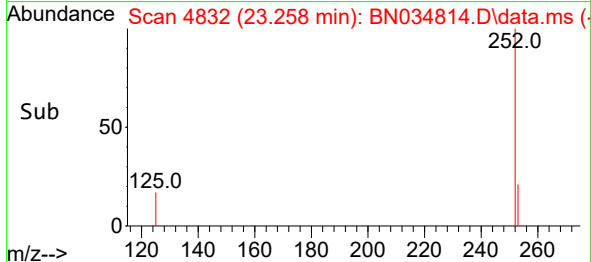
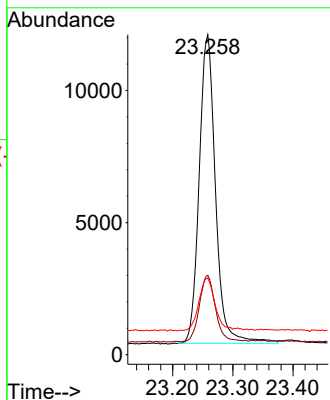
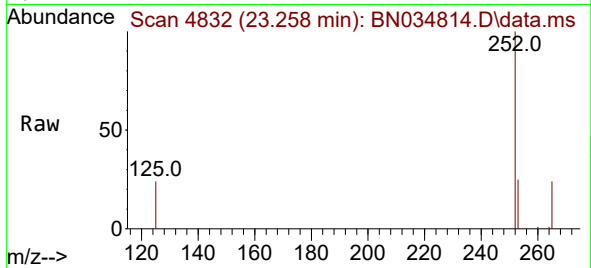




#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.258 min Scan# 4832
Delta R.T. -0.006 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

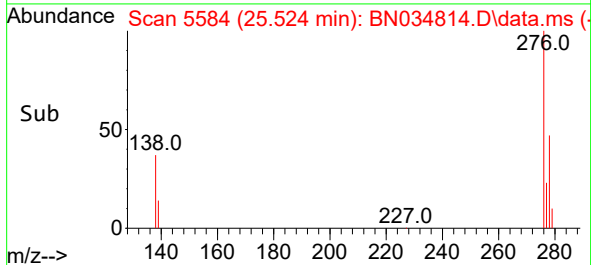
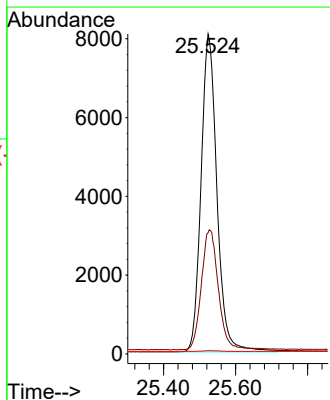
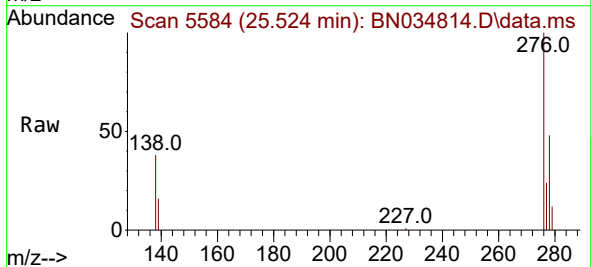
Instrument :
BNA_N
ClientSampleId :
E1L63MSD

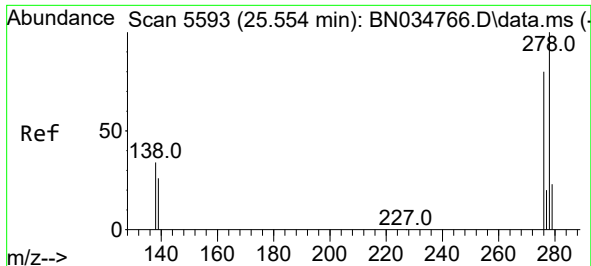
Tgt Ion:	252	Resp:	22073
Ion Ratio	Lower	Upper	
252	100		
253	24.8	20.0	30.0
125	23.9	19.8	29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.542 ng/ul
RT: 25.524 min Scan# 5584
Delta R.T. -0.013 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

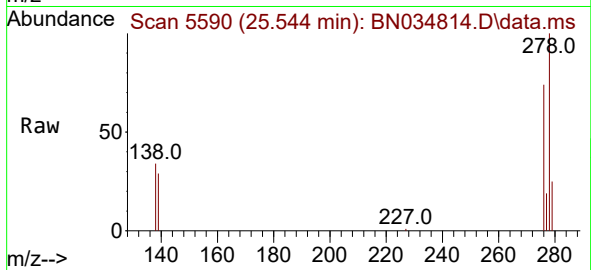
Tgt Ion:	276	Resp:	24742
Ion Ratio	Lower	Upper	
276	100		
138	40.3	31.8	47.6
227	0.3	0.2	0.4



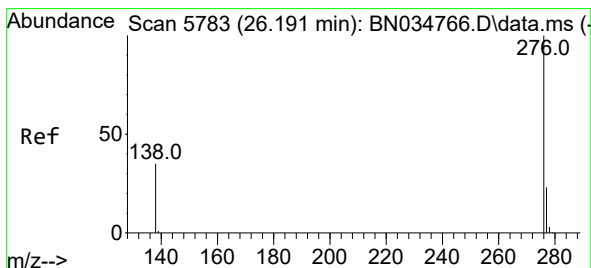
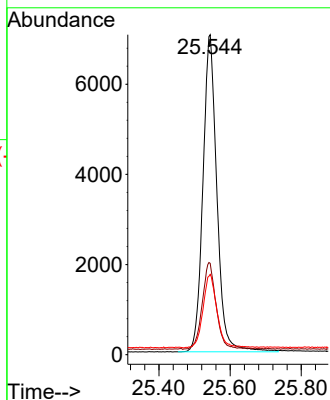
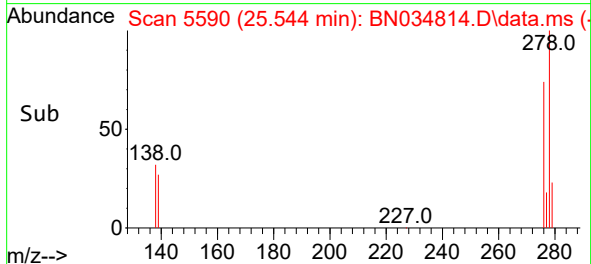


#28
Dibenzo(a,h)anthracene
Concen: 0.555 ng/ul
RT: 25.544 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Instrument :
BNA_N
ClientSampleId :
E1L63MSD



Tgt Ion:278 Resp: 19169
Ion Ratio Lower Upper
278 100
139 28.6 23.4 35.2
279 25.1 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.543 ng/ul
RT: 26.184 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN034814.D
Acq: 01 Nov 2024 20:48

Tgt Ion:276 Resp: 19483
Ion Ratio Lower Upper
276 100
138 35.7 28.8 43.2
277 24.7 20.2 30.2

