

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027474.D
 Acq On : 08 Sep 2023 11:59
 Operator : MA/JU
 Sample : PB155196BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS196

Quant Time: Sep 09 00:08:24 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

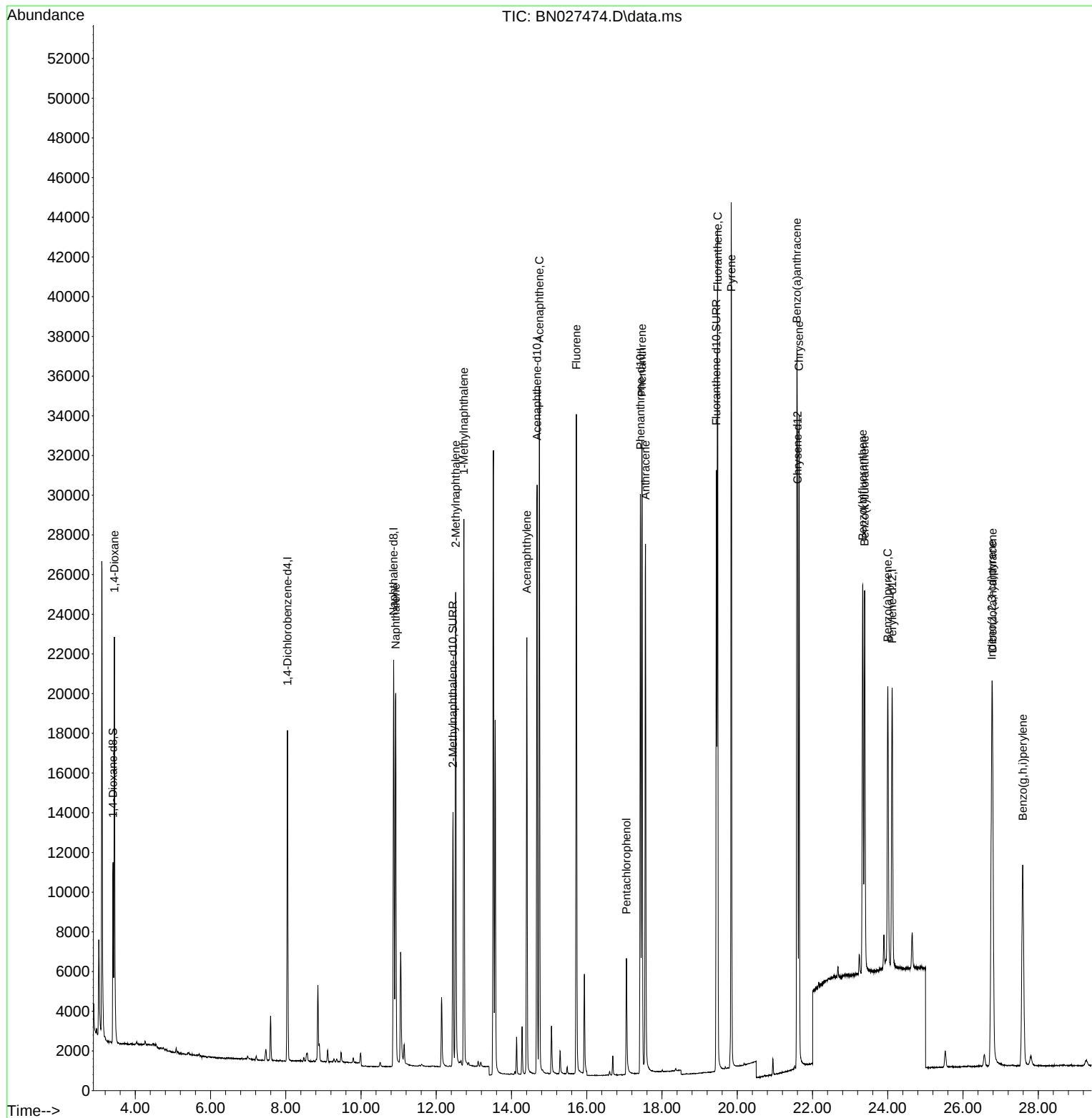
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	8547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	29215	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	16874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	35101	0.400	ng/ul	0.00
17) Chrysene-d12	21.606	240	22702	0.400	ng/ul	0.00
23) Perylene-d12	24.117	264	21083	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	6281	0.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	17015	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	33237	0.427	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	14823	1.288	ng/ul#	84
5) Naphthalene	10.922	128	26722	0.315	ng/ul	100
7) 2-Methylnaphthalene	12.516	142	17559	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.736	142	18921	0.335	ng/ul	99
10) Acenaphthylene	14.407	152	25323	0.328	ng/ul	99
11) Acenaphthene	14.740	153	19790	0.298	ng/ul	97
12) Fluorene	15.725	166	22137	0.297	ng/ul	98
14) Pentachlorophenol	17.054	266	4538	0.663	ng/ul	100
15) Phenanthrene	17.468	178	34704	0.304	ng/ul	100
16) Anthracene	17.561	178	30500	0.336	ng/ul	99
19) Fluoranthene	19.478	202	36992	0.354	ng/ul	98
20) Pyrene	19.840	202	37492	0.353	ng/ul	98
21) Benzo(a)anthracene	21.586	228	30017	0.367	ng/ul	100
22) Chrysene	21.644	228	29790	0.312	ng/ul	100
24) Benzo(b)fluoranthene	23.334	252	27602	0.277	ng/ul	97
25) Benzo(k)fluoranthene	23.386	252	27827	0.286	ng/ul	97
26) Benzo(a)pyrene	24.003	252	23699	0.305	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.767	276	29440	0.341	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.783	278	23540	0.356	ng/ul	96
29) Benzo(g,h,i)perylene	27.588	276	24578	0.315	ng/ul	97

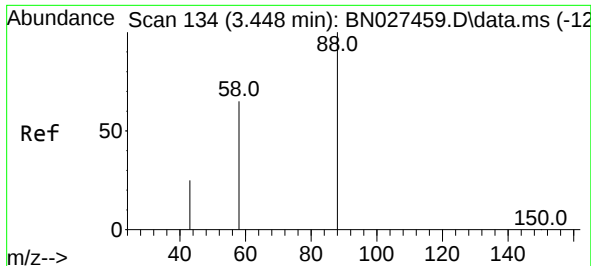
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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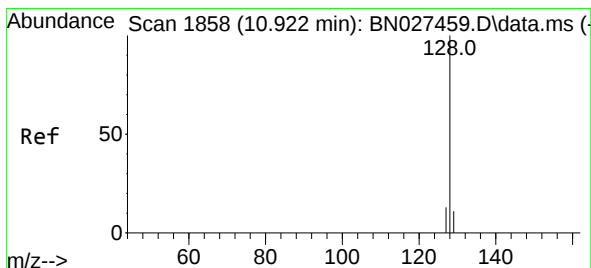
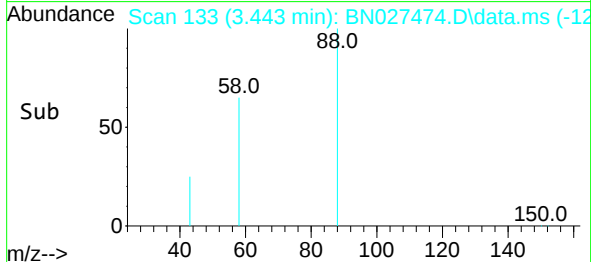
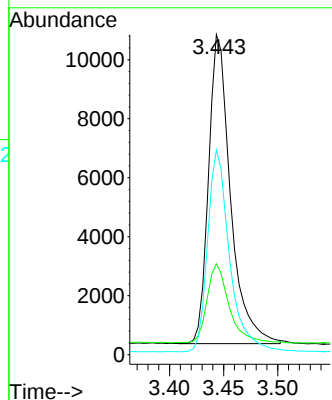
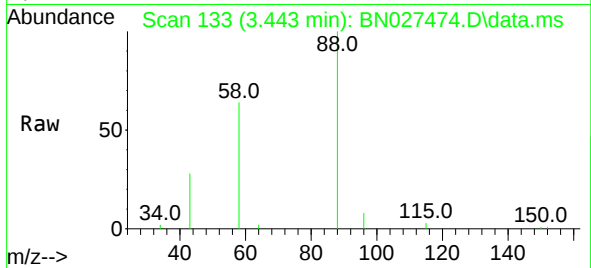




#2
1,4-Dioxane
Concen: 1.288 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

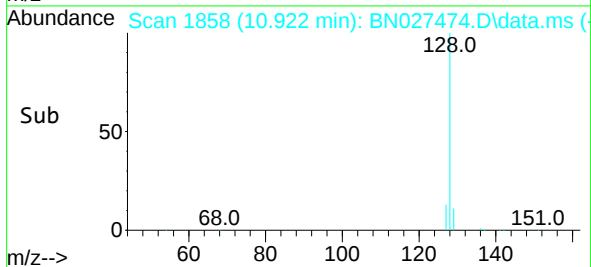
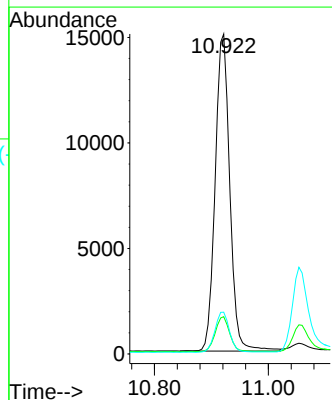
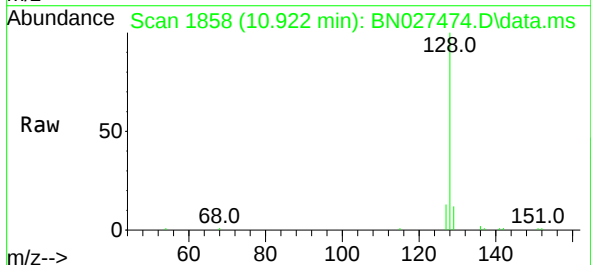
Instrument :
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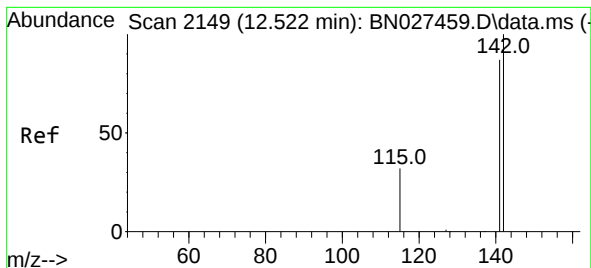
Tgt Ion: 88 Resp: 14823
Ion Ratio Lower Upper
88 100
43 28.4 26.8 40.2
58 64.0 39.9 59.9#



#5
Naphthalene
Concen: 0.315 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:128 Resp: 26722
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.0 10.6 16.0

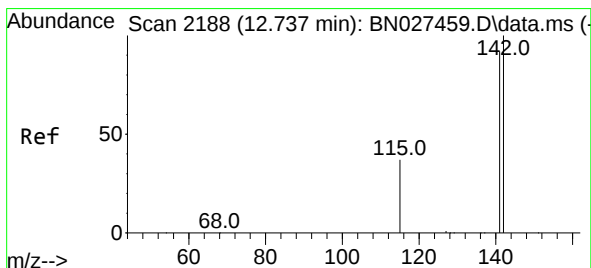
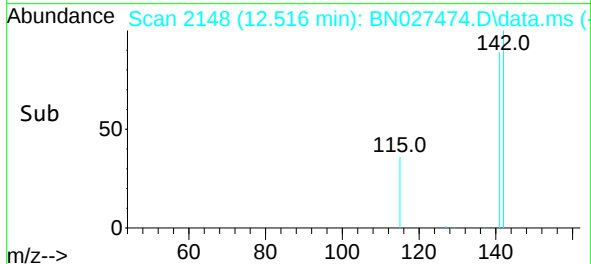
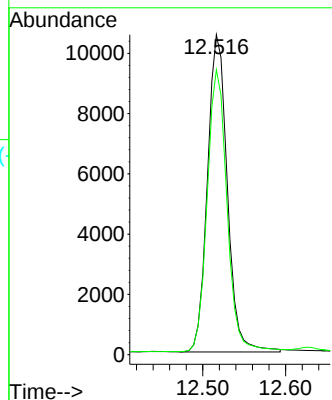
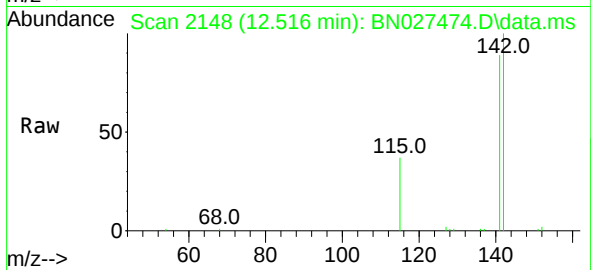




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.516 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

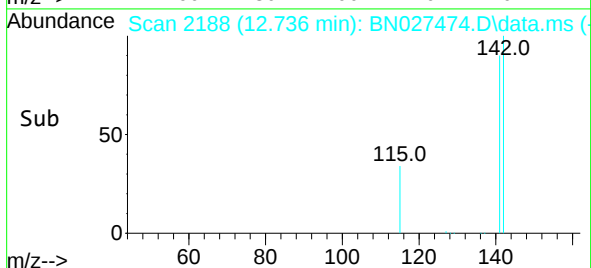
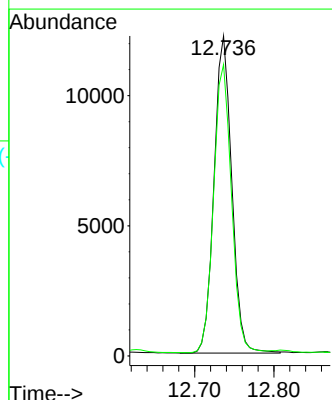
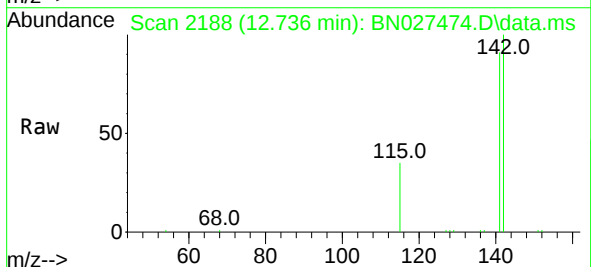
Instrument :
BNA_N
ClientSampleId :
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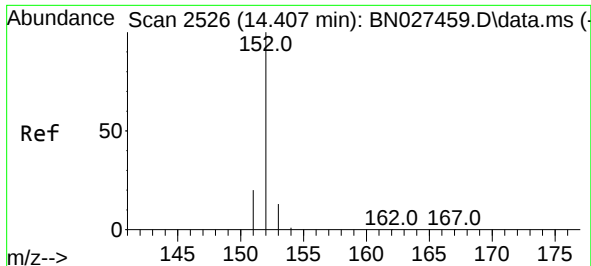
Tgt Ion:142 Resp: 17559
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.736 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:142 Resp: 18921
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4

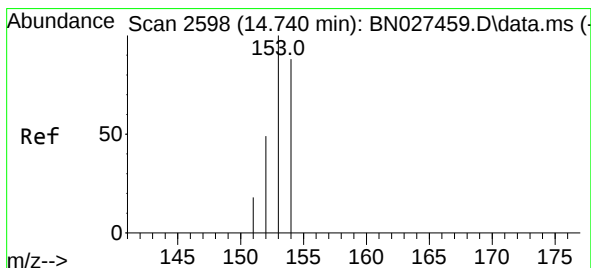
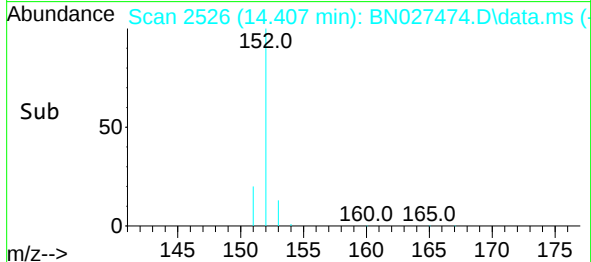
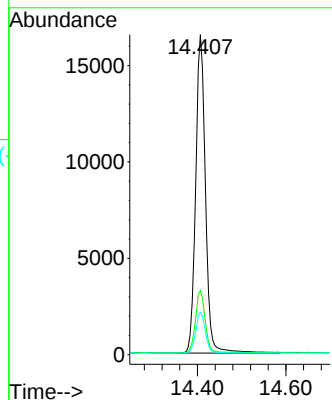
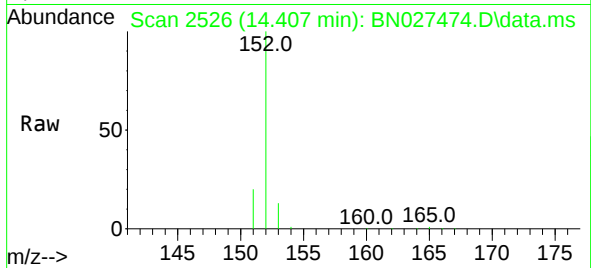




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.407 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

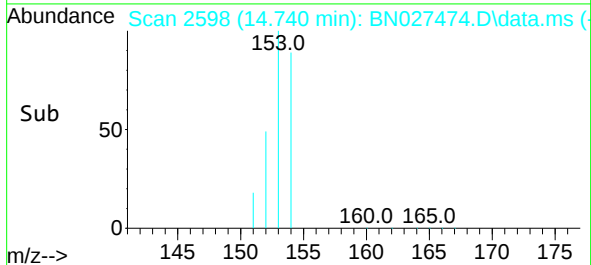
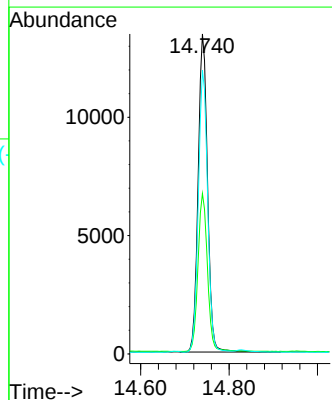
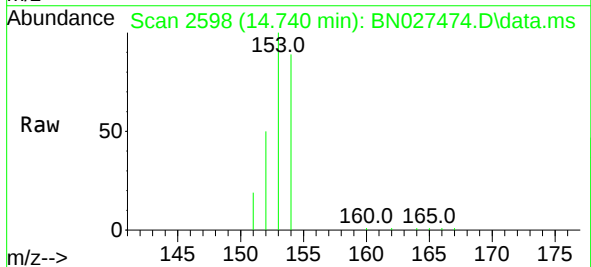
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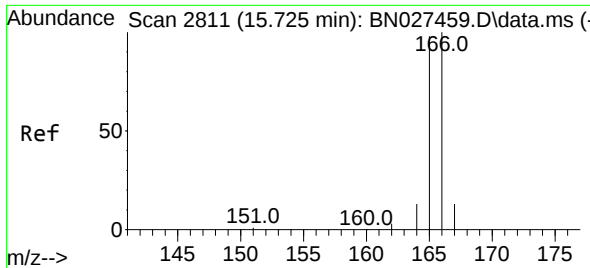
Tgt Ion:152 Resp: 25323
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:153 Resp: 19790
Ion Ratio Lower Upper
153 100
152 50.1 42.9 64.3
154 88.6 69.4 104.0

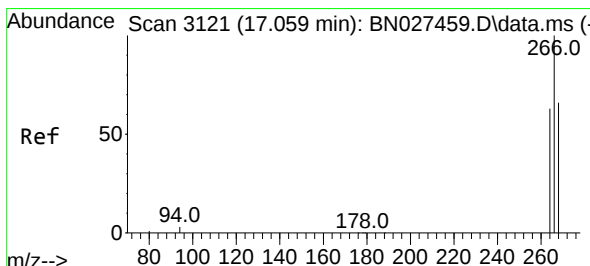
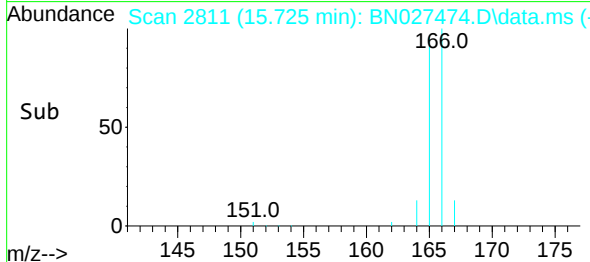
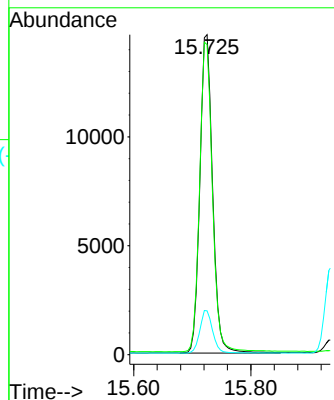
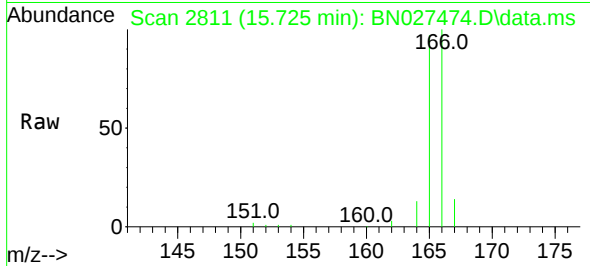




#12
 Fluorene
 Concen: 0.297 ng/ul
 RT: 15.725 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027474.D
 Acq: 08 Sep 2023 11:59

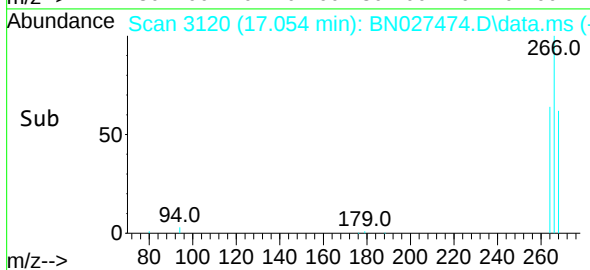
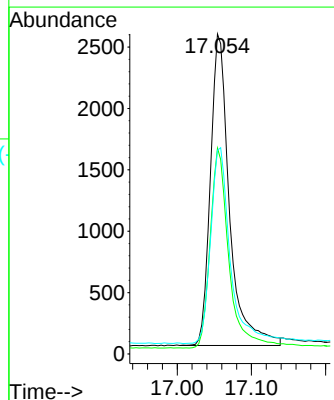
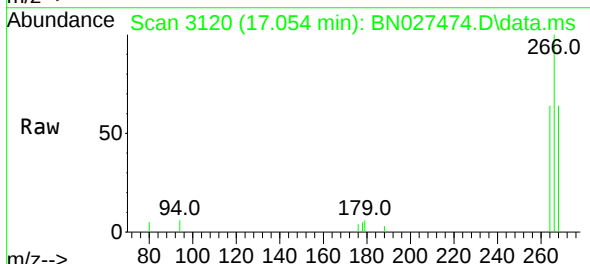
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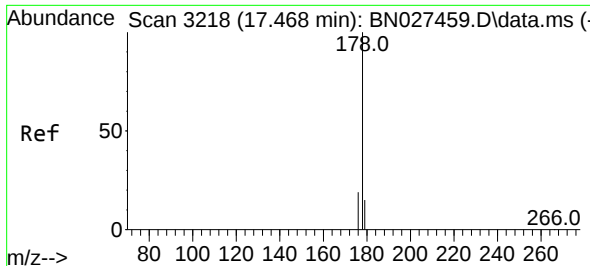
Tgt Ion:166 Resp: 22137
 Ion Ratio Lower Upper
 166 100
 165 96.9 79.6 119.4
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.663 ng/ul
 RT: 17.054 min Scan# 3120
 Delta R.T. -0.005 min
 Lab File: BN027474.D
 Acq: 08 Sep 2023 11:59

Tgt Ion:266 Resp: 4538
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.4 75.6
 268 65.1 51.9 77.9

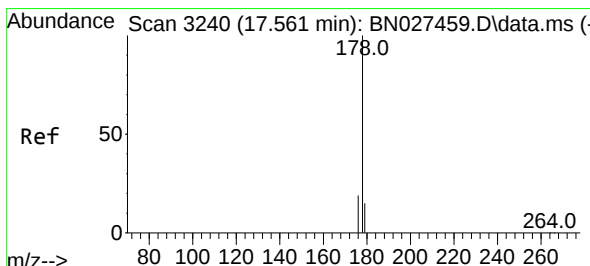
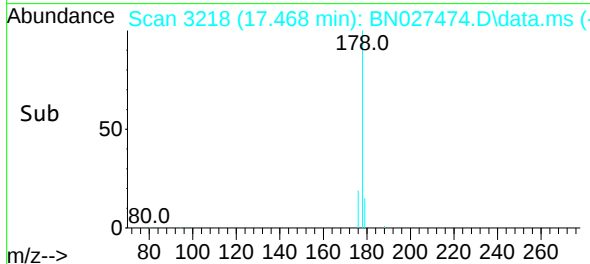
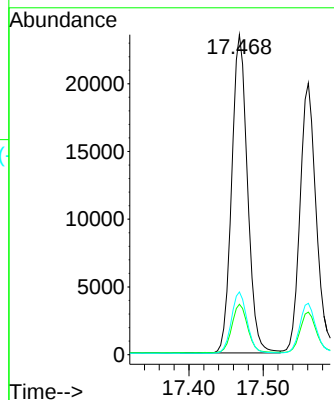
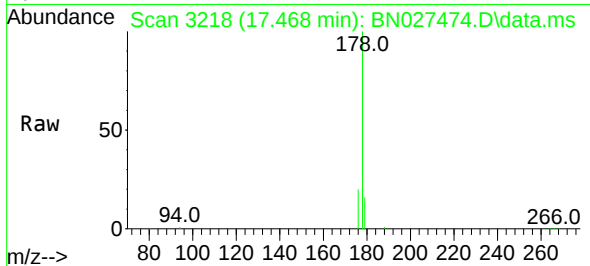




#15
Phenanthrene
Concen: 0.304 ng/u1
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

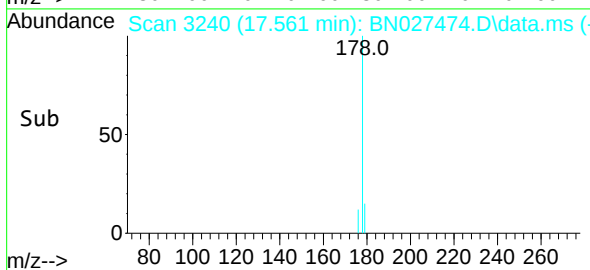
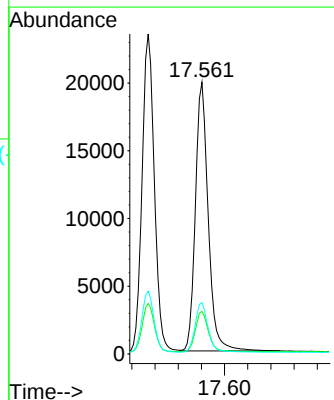
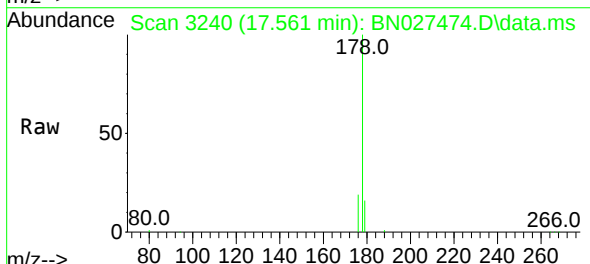
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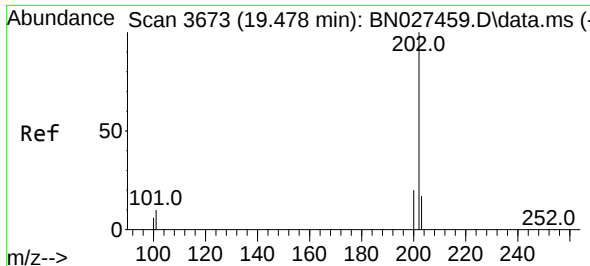
Tgt Ion:178 Resp: 34704
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.336 ng/u1
RT: 17.561 min Scan# 3240
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:178 Resp: 30500
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.9 15.6 23.4

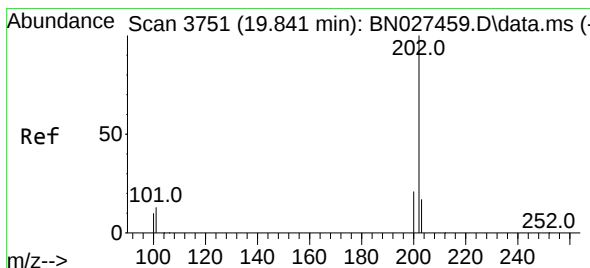
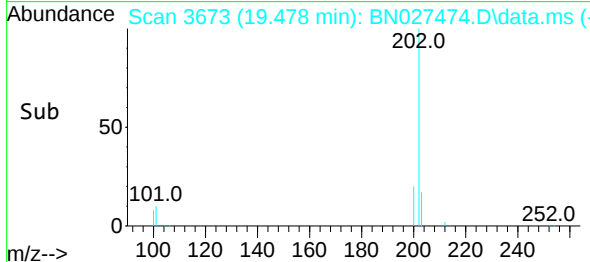
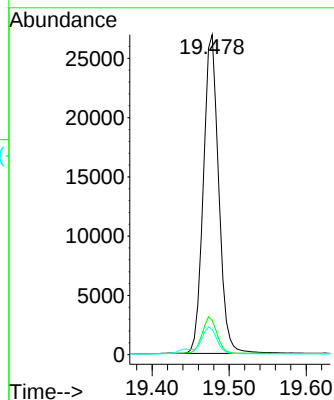
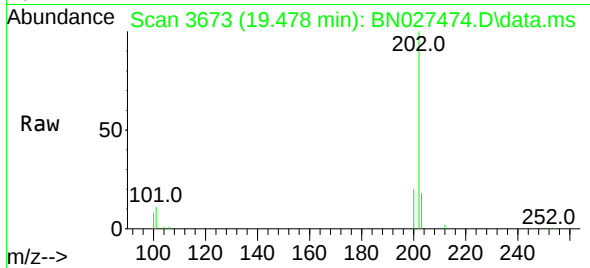




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.478 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

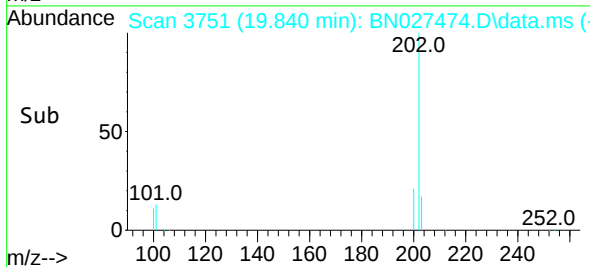
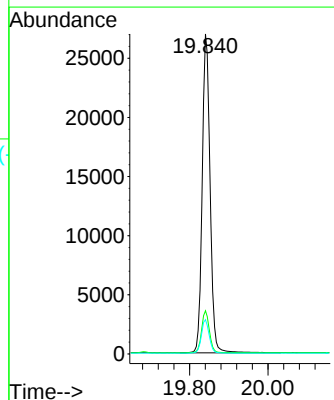
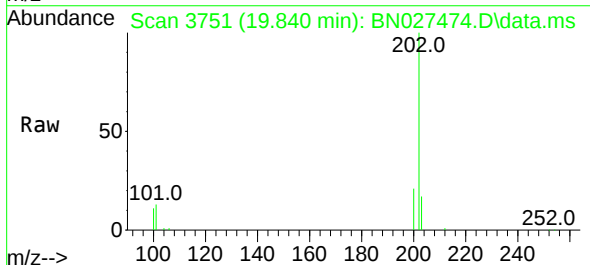
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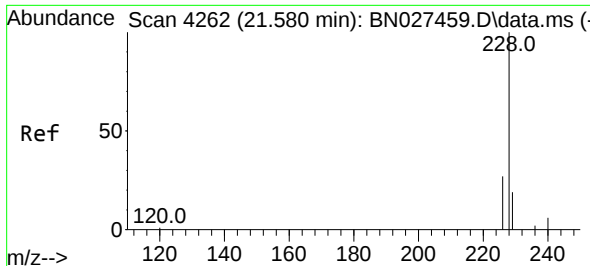
Tgt Ion:202 Resp: 36992
Ion Ratio Lower Upper
202 100
101 10.7 9.4 14.0
100 7.9 6.9 10.3



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.840 min Scan# 3751
Delta R.T. -0.000 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:202 Resp: 37492
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 10.7 9.4 14.2

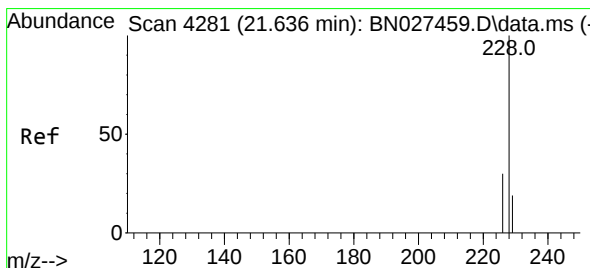
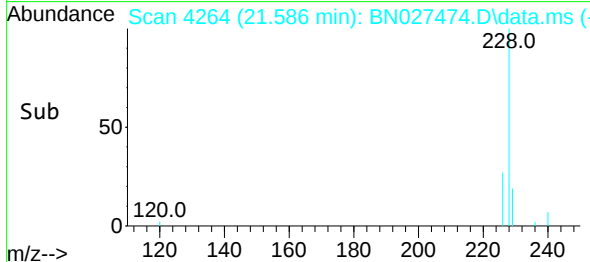
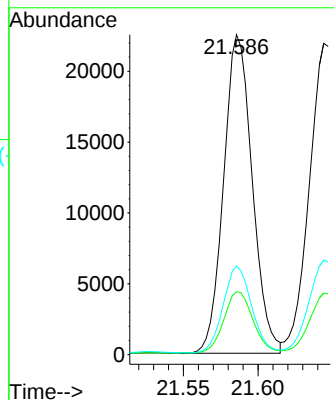
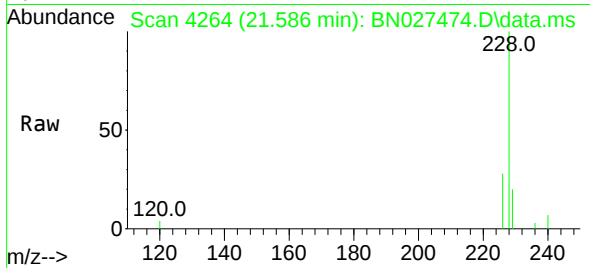




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.586 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

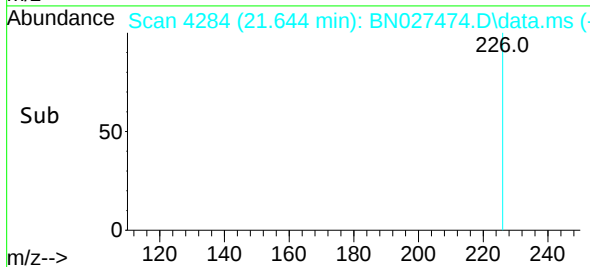
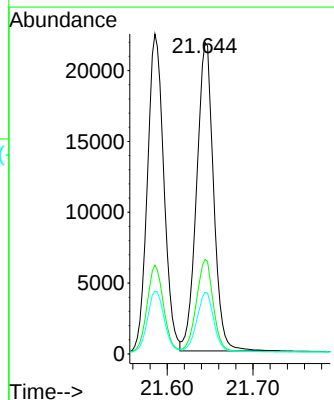
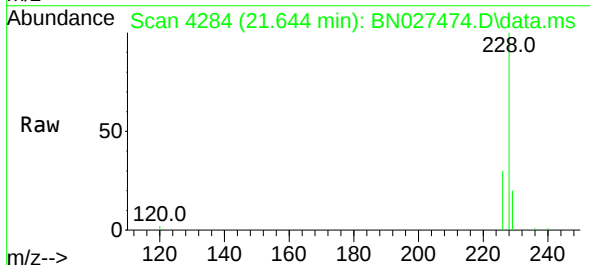
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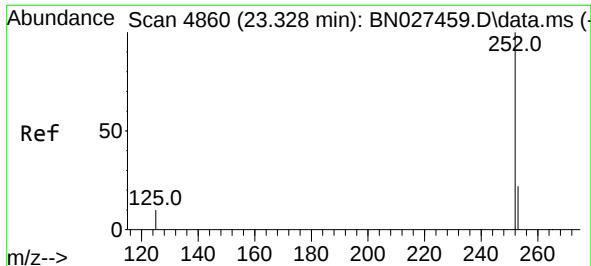
Tgt Ion:228 Resp: 30017
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.644 min Scan# 4284
Delta R.T. 0.008 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

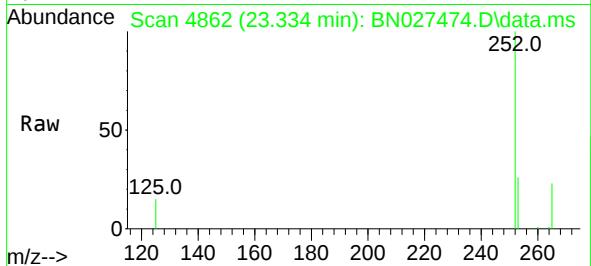
Tgt Ion:228 Resp: 29790
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 15.6 23.4



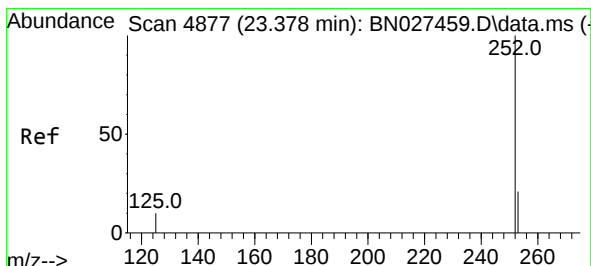
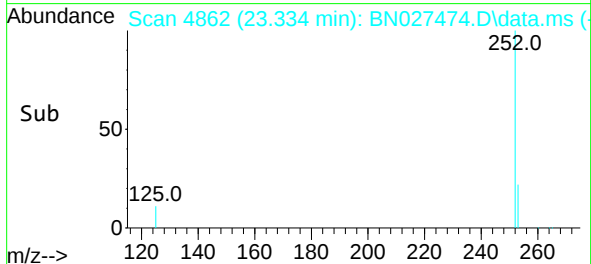
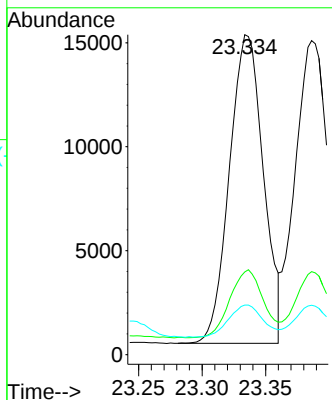


#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul
RT: 23.334 min Scan# 4862
Delta R.T. 0.006 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Instrument :
BNA_N
ClientSampleId :
SLCS196

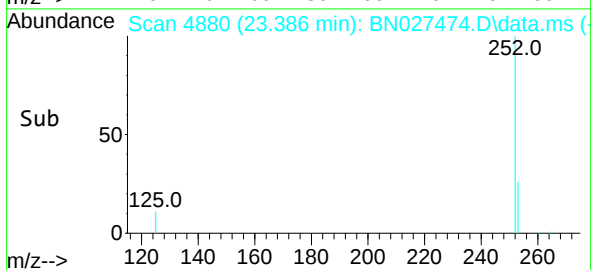
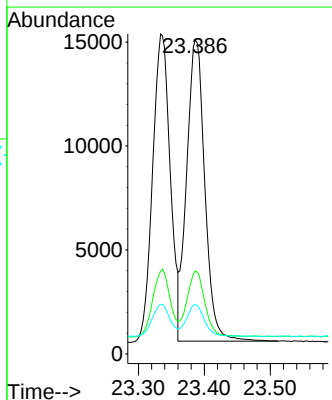
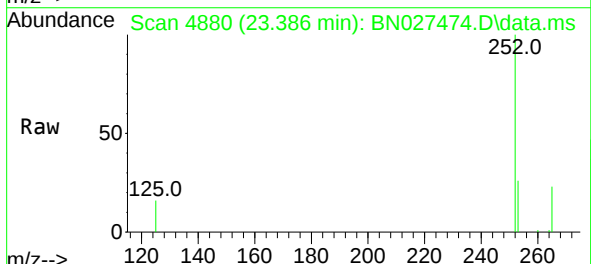


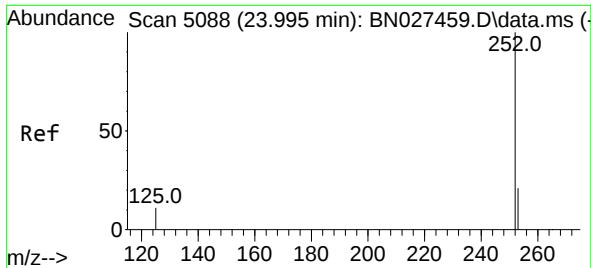
Tgt Ion:252 Resp: 27602
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.6
125 15.5 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.286 ng/ul
RT: 23.386 min Scan# 4880
Delta R.T. 0.008 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:252 Resp: 27827
Ion Ratio Lower Upper
252 100
253 26.4 19.9 29.9
125 15.8 13.6 20.4

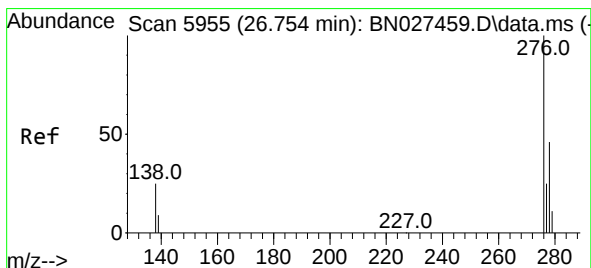
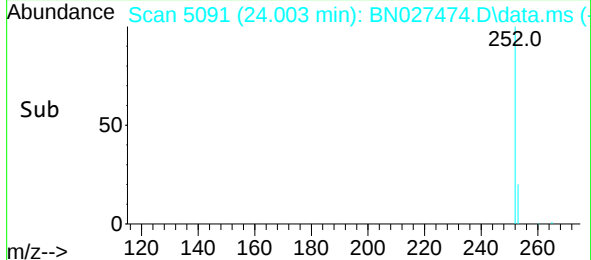
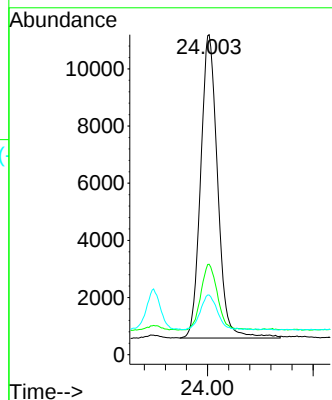
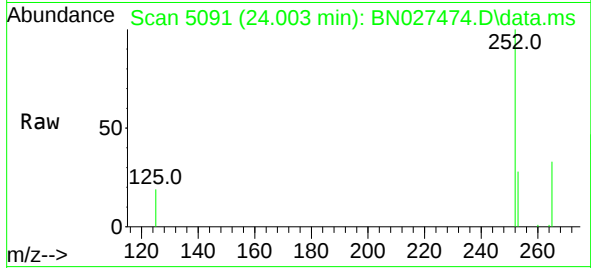




#26
Benzo(a)pyrene
Concen: 0.305 ng/ul
RT: 24.003 min Scan# 5088
Delta R.T. 0.008 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

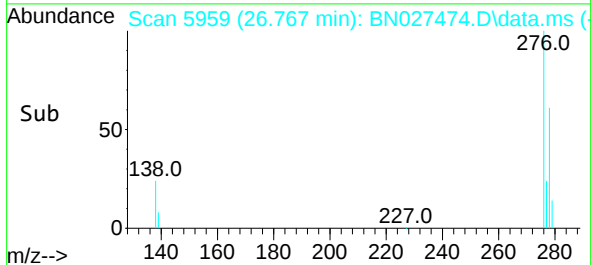
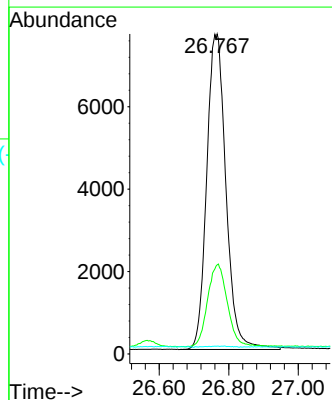
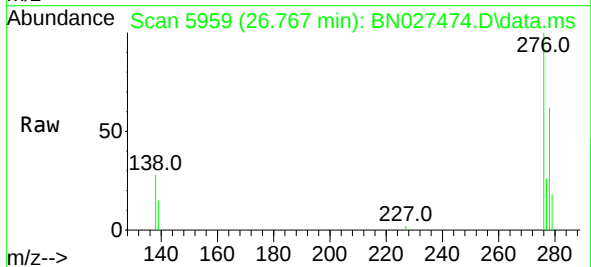
Instrument :
BNA_N
ClientSampleId :
SLCS196

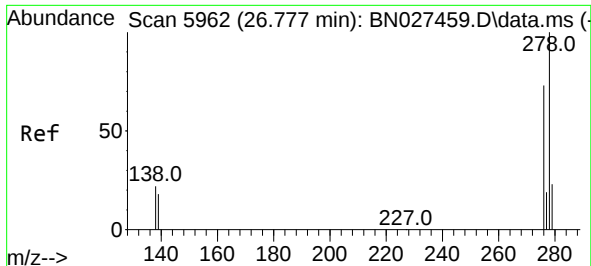
Tgt Ion:252 Resp: 23699
Ion Ratio Lower Upper
252 100
253 28.2 22.4 33.6
125 18.7 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.767 min Scan# 5959
Delta R.T. 0.013 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:276 Resp: 29440
Ion Ratio Lower Upper
276 100
138 27.1 23.9 35.9
227 0.1 0.1 0.1#

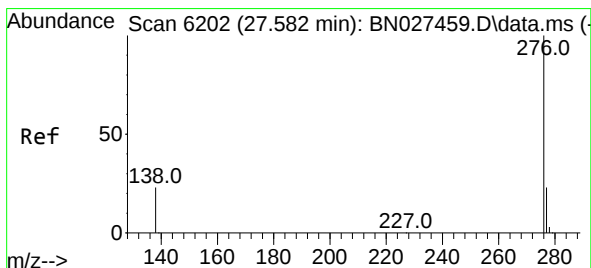
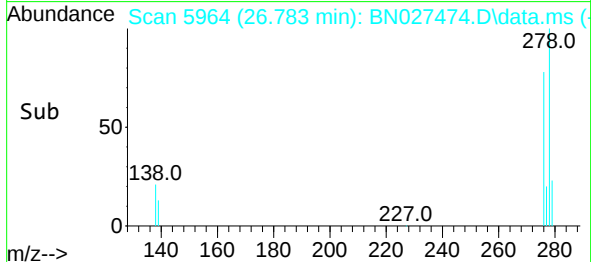
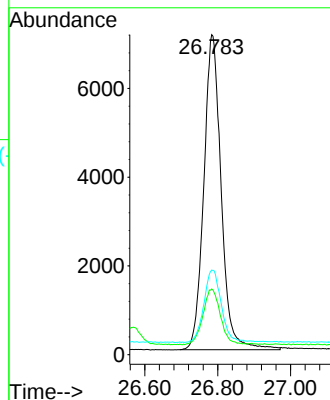
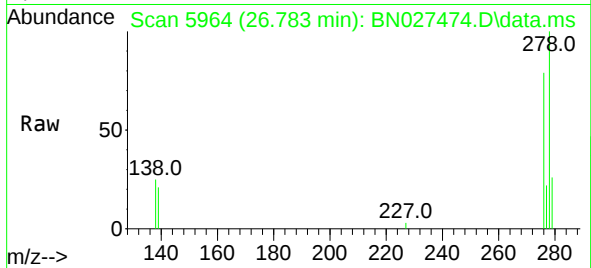




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.783 min Scan# 5964
Delta R.T. 0.006 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Instrument :
BNA_N
ClientSampleId :
SLCS196

Tgt Ion:278 Resp: 23540
Ion Ratio Lower Upper
278 100
139 20.5 18.0 27.0
279 26.4 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 27.588 min Scan# 6204
Delta R.T. 0.006 min
Lab File: BN027474.D
Acq: 08 Sep 2023 11:59

Tgt Ion:276 Resp: 24578
Ion Ratio Lower Upper
276 100
138 25.1 22.1 33.1
277 25.0 20.2 30.4

