

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033165.D
 Acq On : 01 Aug 2024 12:32
 Operator : MA/JU
 Sample : PB162172BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS172

Quant Time: Aug 01 13:17:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

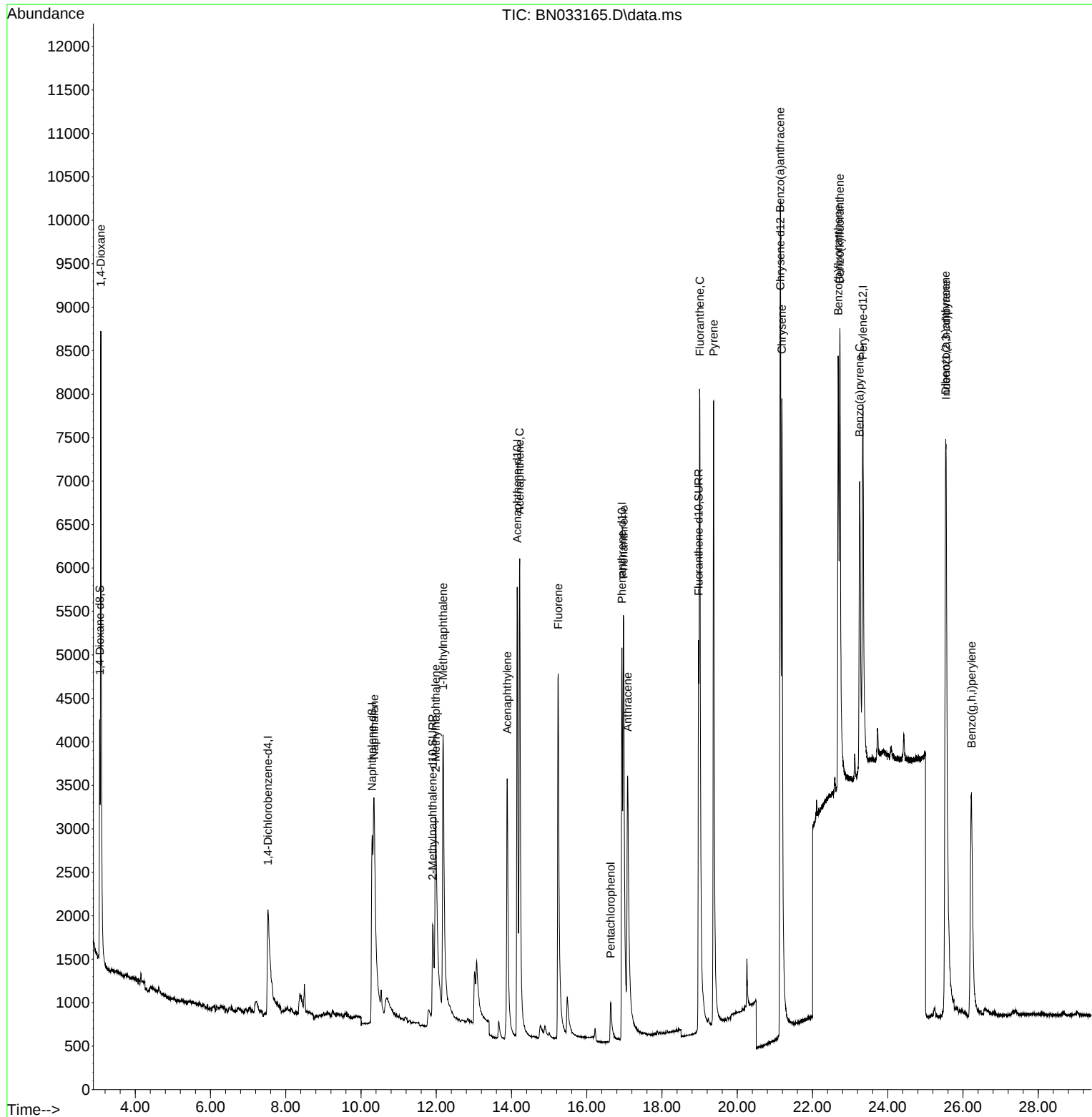
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	2175	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.295	136	7613	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.152	164	4549	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	9215	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	6945	0.400	ng/ul	0.00
23) Perylene-d12	23.337	264	7376	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	2014	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	3667	0.295	ng/ul	-0.02
18) Fluoranthene-d10	18.972	212	8067	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.086	88	5730	1.827	ng/ul#	68
5) Naphthalene	10.350	128	6750	0.345	ng/ul	99
7) 2-Methylnaphthalene	11.983	142	3879	0.293	ng/ul	96
8) 1-Methylnaphthalene	12.181	142	4132	0.289	ng/ul	100
10) Acenaphthylene	13.884	152	6043	0.325	ng/ul	98
11) Acenaphthene	14.217	153	5101	0.364	ng/ul	100
12) Fluorene	15.240	166	5215	0.320	ng/ul	98
14) Pentachlorophenol	16.637	266	713	0.380	ng/ul	100
15) Phenanthrene	16.979	178	7776	0.315	ng/ul	98
16) Anthracene	17.085	178	6464	0.291	ng/ul	98
19) Fluoranthene	19.005	202	9565	0.418	ng/ul	99
20) Pyrene	19.372	202	9967	0.406	ng/ul	98
21) Benzo(a)anthracene	21.139	228	7314	0.309	ng/ul	99
22) Chrysene	21.186	228	9845	0.356	ng/ul	100
24) Benzo(b)fluoranthene	22.685	252	7261	0.337	ng/ul	96
25) Benzo(k)fluoranthene	22.726	252	9685	0.375	ng/ul	96
26) Benzo(a)pyrene	23.252	252	7543	0.372	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.547	276	10922	0.354	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.540	278	8516	0.348	ng/ul	94
29) Benzo(g,h,i)perylene	26.225	276	7669	0.313	ng/ul	98

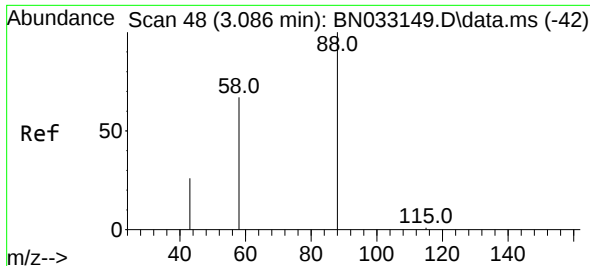
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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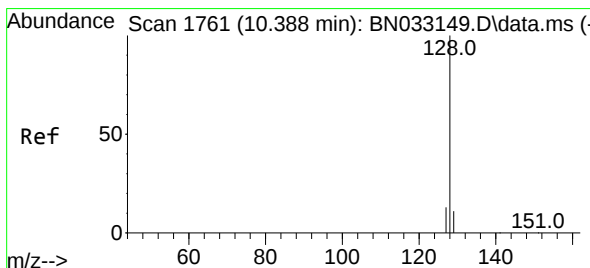
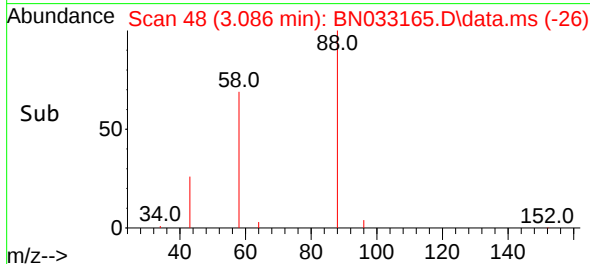
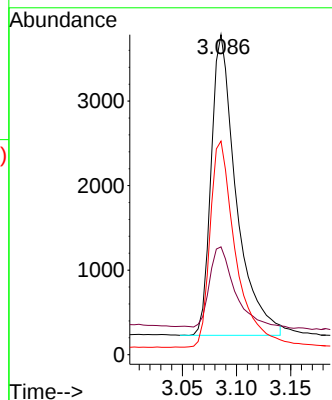
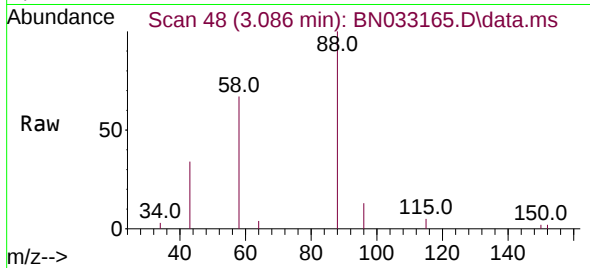




#2
1,4-Dioxane
Concen: 1.827 ng/ul
RT: 3.086 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

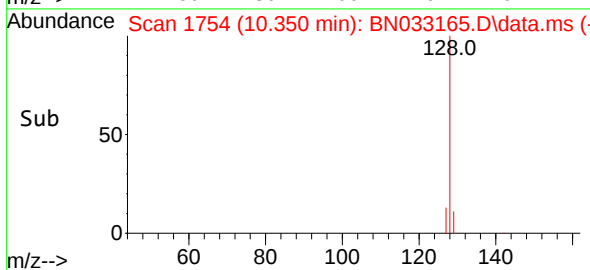
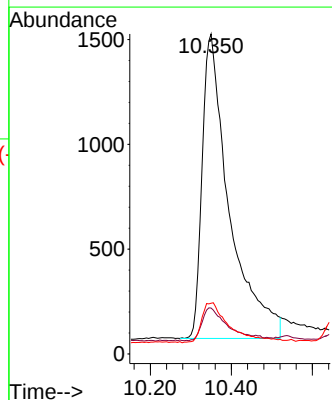
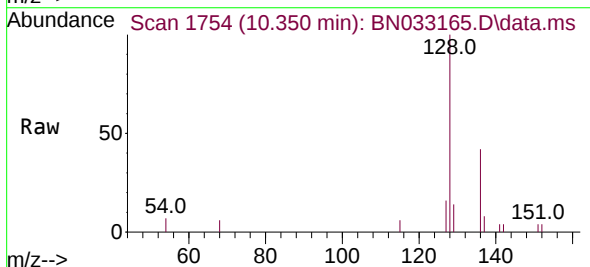
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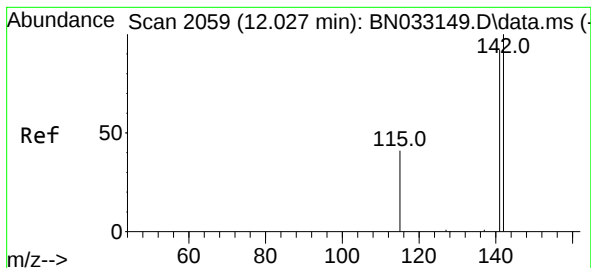
Tgt Ion: 88 Resp: 5730
Ion Ratio Lower Upper
88 100
43 33.7 63.4 95.2#
58 66.7 49.4 74.0



#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.350 min Scan# 1754
Delta R.T. -0.027 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:128 Resp: 6750
Ion Ratio Lower Upper
128 100
129 14.3 12.0 18.0
127 15.8 12.7 19.1

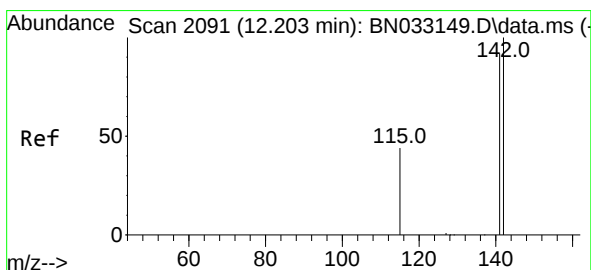
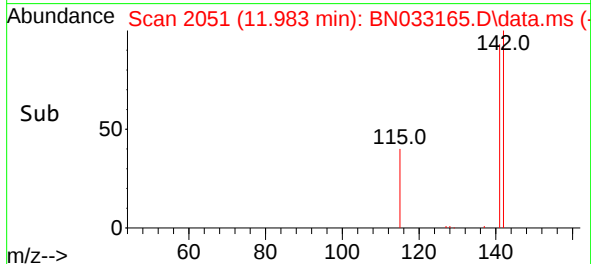
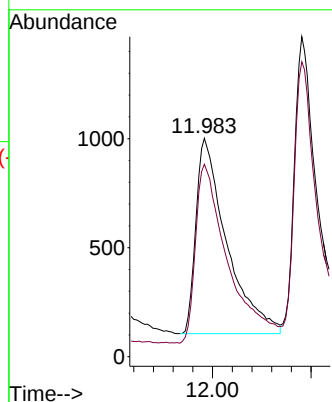
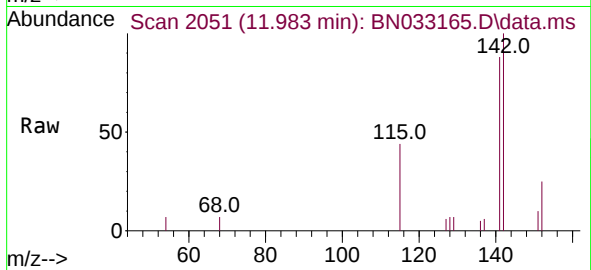




#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.022 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

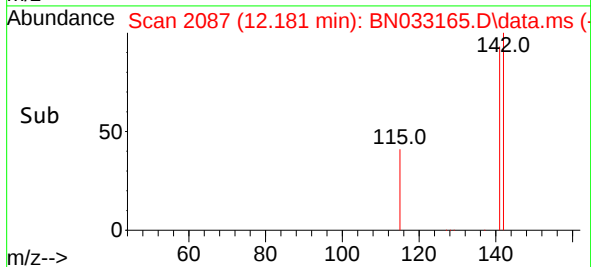
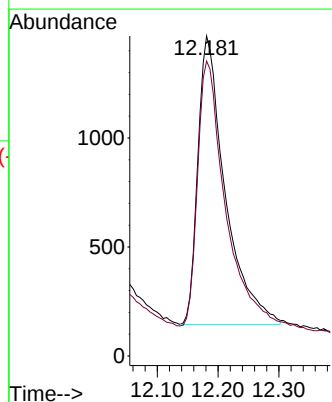
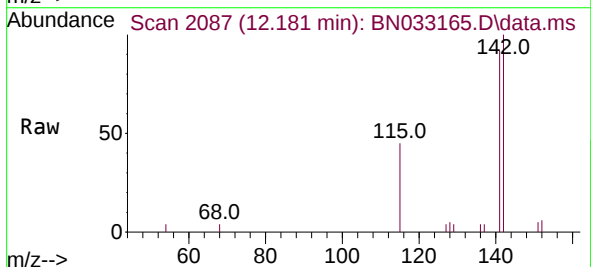
Instrument :
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ClientSampleId :
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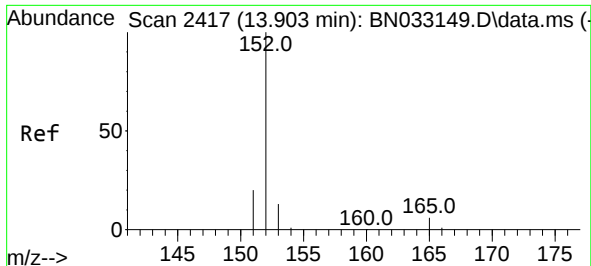
Tgt Ion:142 Resp: 3879
Ion Ratio Lower Upper
142 100
141 97.5 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.181 min Scan# 2087
Delta R.T. -0.016 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:142 Resp: 4132
Ion Ratio Lower Upper
142 100
141 92.6 74.3 111.5

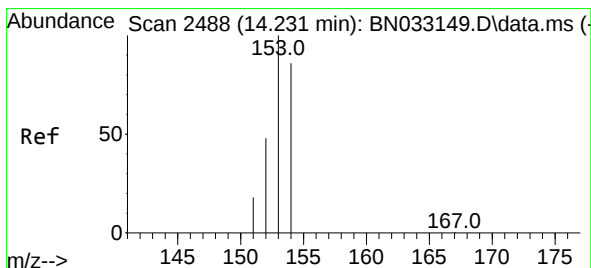
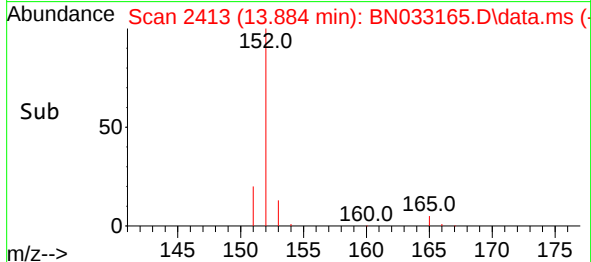
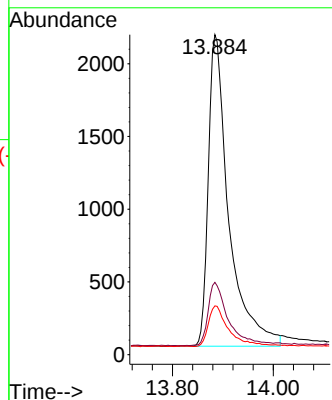
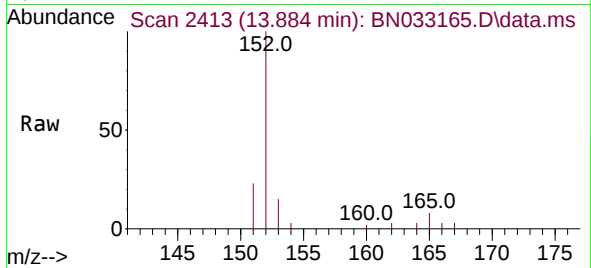




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 13.884 min Scan# 2413
Delta R.T. -0.014 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

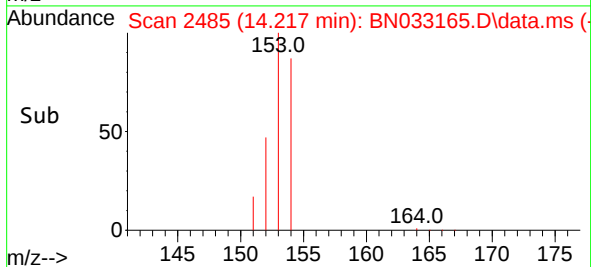
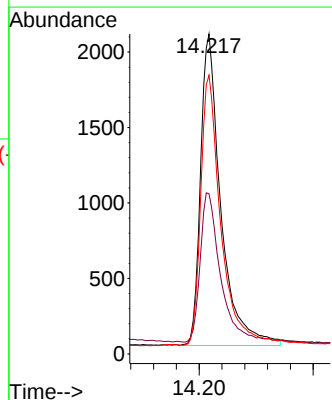
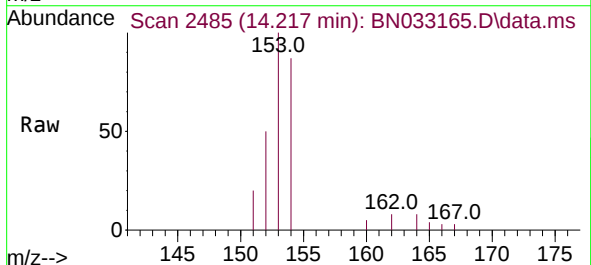
Instrument :
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ClientSampleId :
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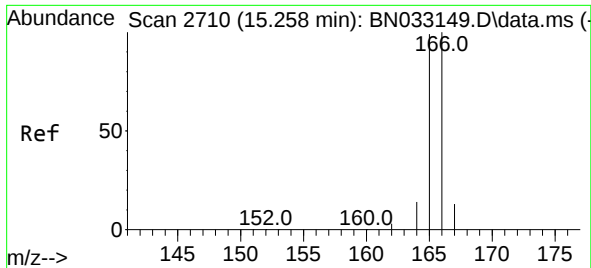
Tgt Ion:152 Resp: 6043
Ion Ratio Lower Upper
152 100
151 22.6 16.8 25.2
153 15.3 11.9 17.9



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:153 Resp: 5101
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.1 70.1 105.1

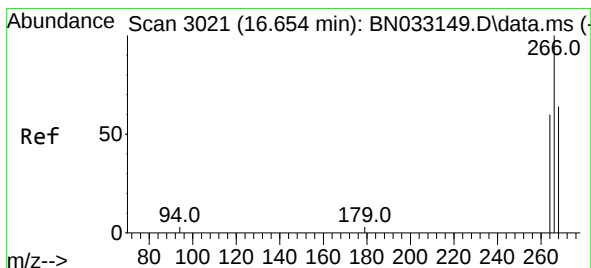
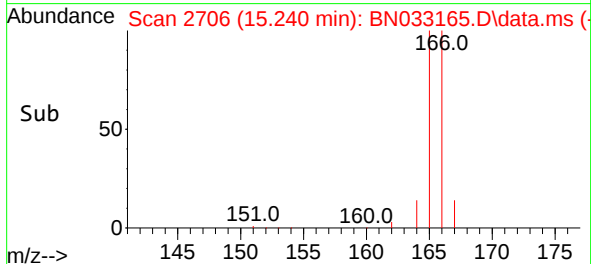
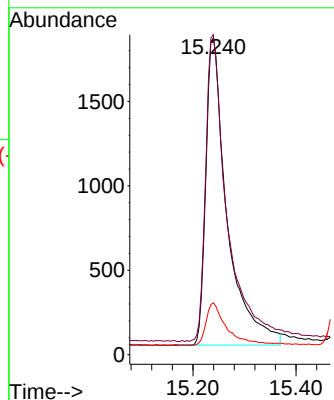
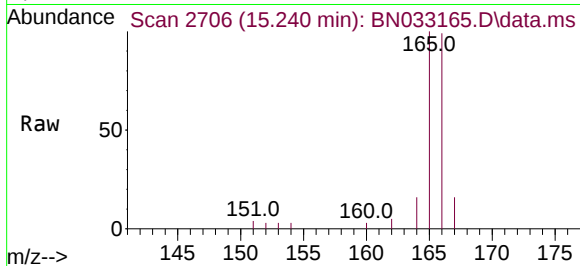




#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.240 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

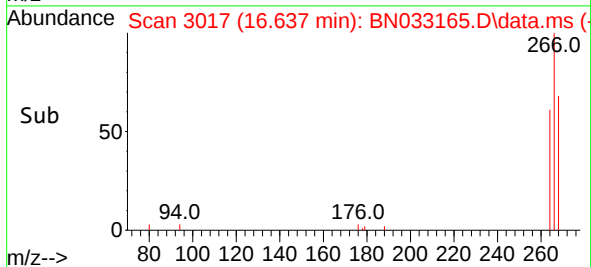
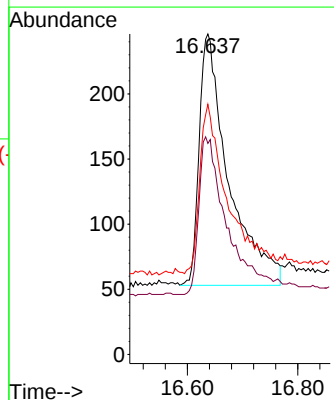
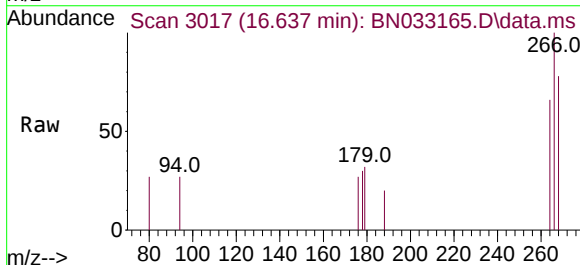
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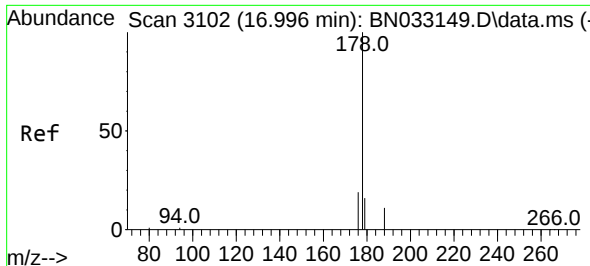
Tgt Ion:166	Resp:	5215
Ion Ratio	Lower	Upper
166	100	
165	101.1	79.6 119.4
167	16.4	12.2 18.4



#14
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 16.637 min Scan# 3017
Delta R.T. -0.004 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:266	Resp:	713
Ion Ratio	Lower	Upper
266	100	
264	61.6	49.3 73.9
268	65.4	51.8 77.8

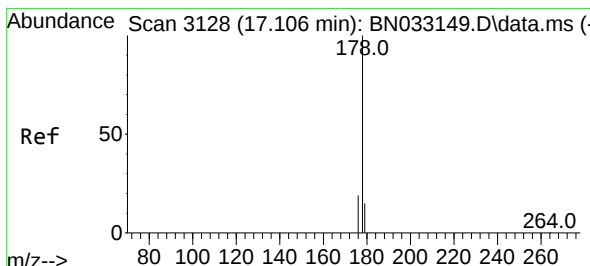
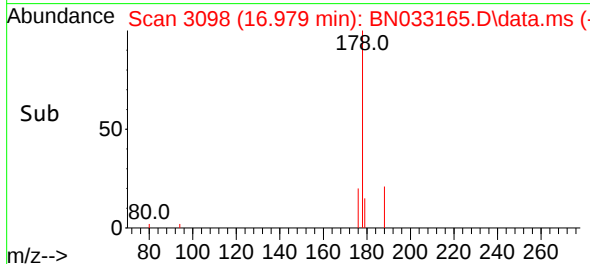
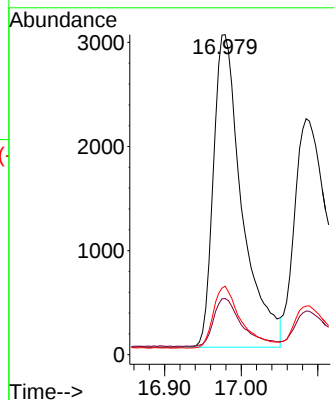
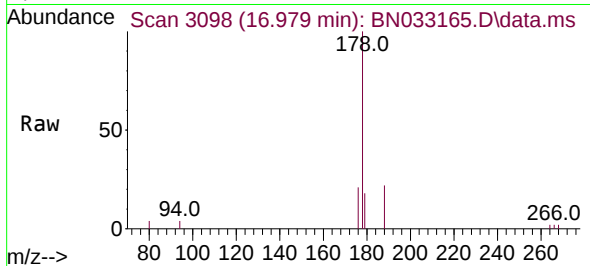




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

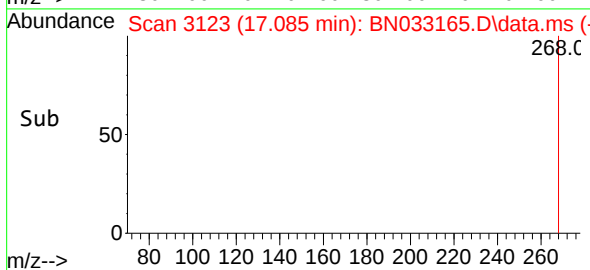
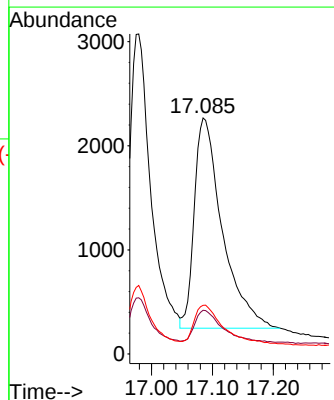
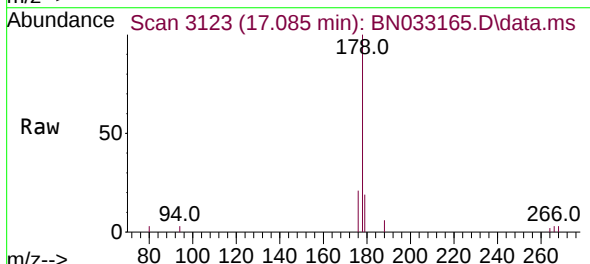
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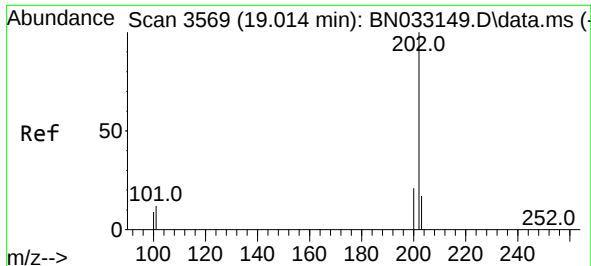
Tgt Ion:178 Resp: 7776
Ion Ratio Lower Upper
178 100
179 17.6 13.7 20.5
176 21.4 15.9 23.9



#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.085 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:178 Resp: 6464
Ion Ratio Lower Upper
178 100
179 18.5 14.3 21.5
176 20.6 15.8 23.8

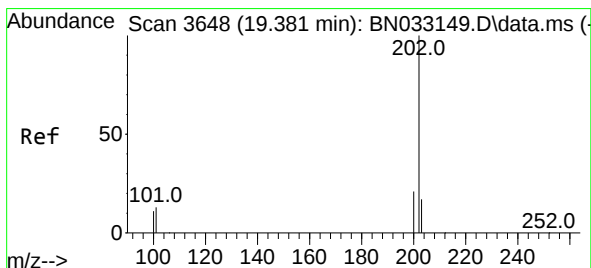
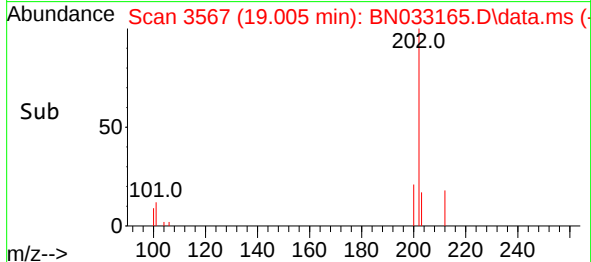
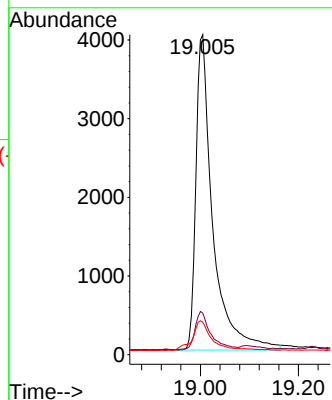
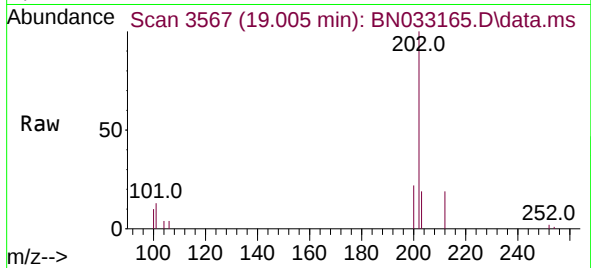




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.005 min Scan# 3567
Delta R.T. 0.000 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

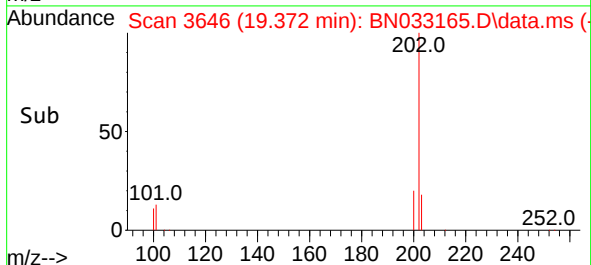
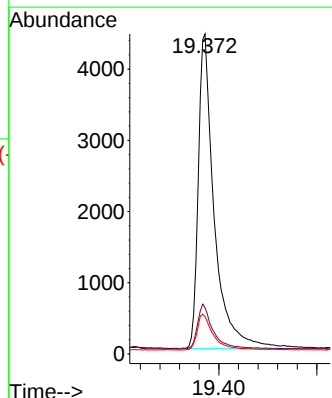
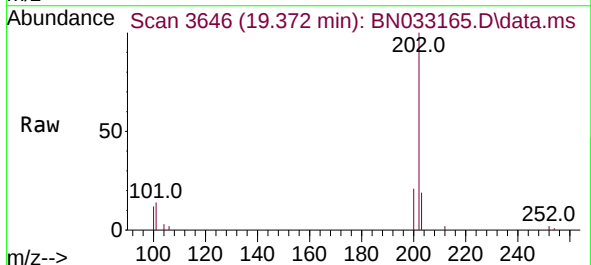
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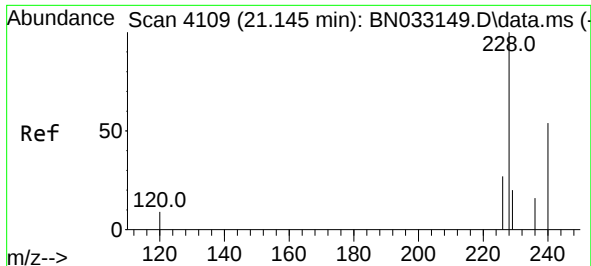
Tgt Ion:202 Resp: 9565
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.1 8.3 12.5



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. 0.000 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:202 Resp: 9967
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.7 9.9 14.9

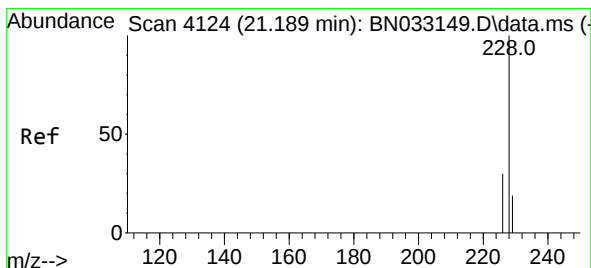
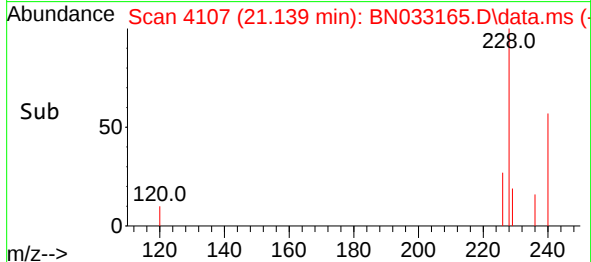
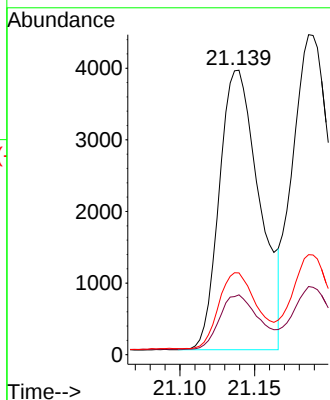
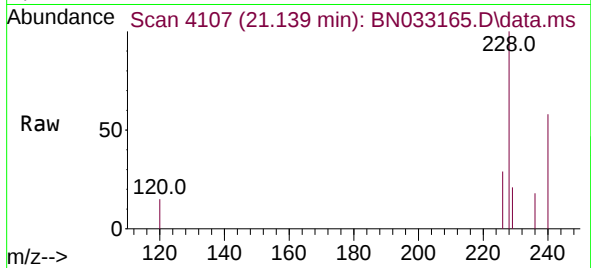




#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.139 min Scan# 4109
Delta R.T. 0.003 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

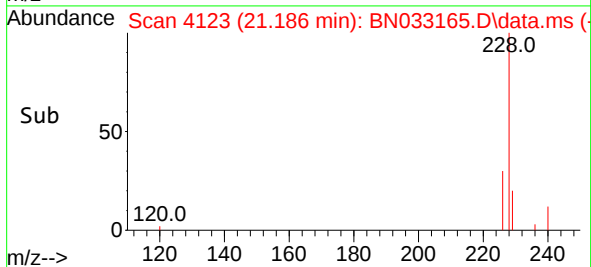
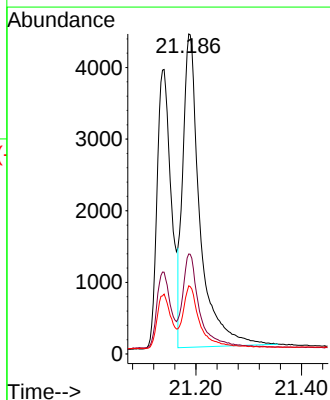
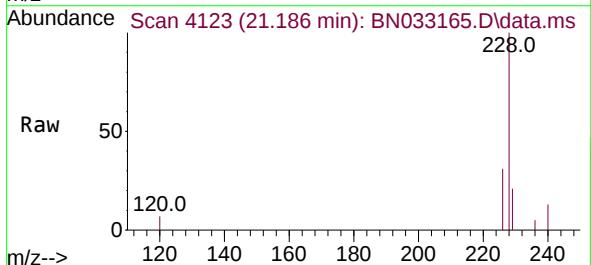
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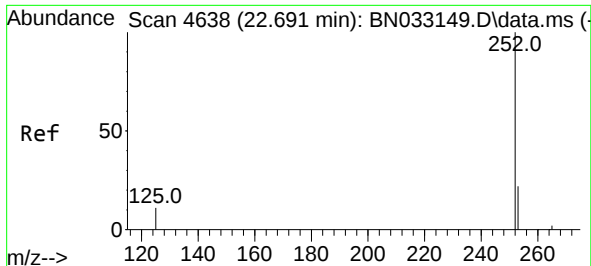
Tgt Ion:228 Resp: 7314
Ion Ratio Lower Upper
228 100
229 21.0 17.1 25.7
226 28.7 22.4 33.6



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:228 Resp: 9845
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 21.3 17.0 25.6

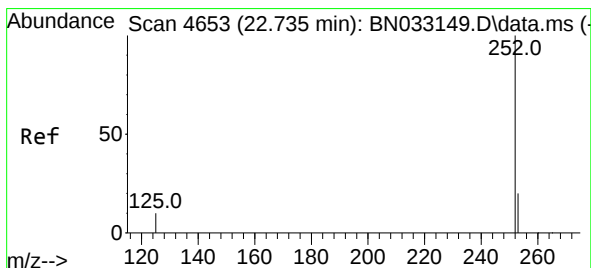
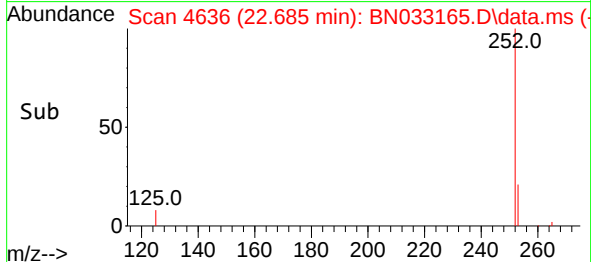
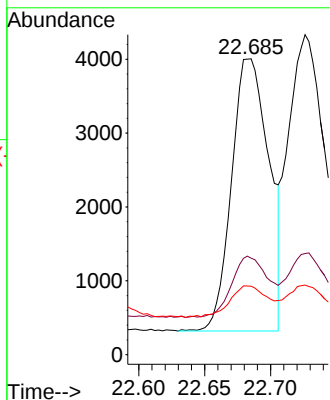
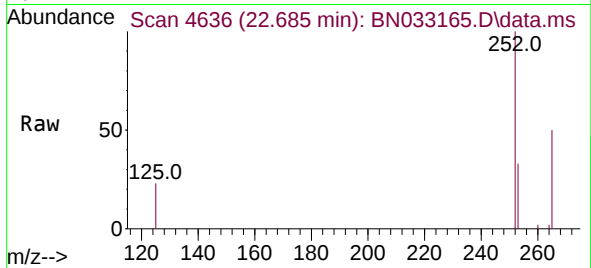




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.685 min Scan# 4636
Delta R.T. 0.003 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

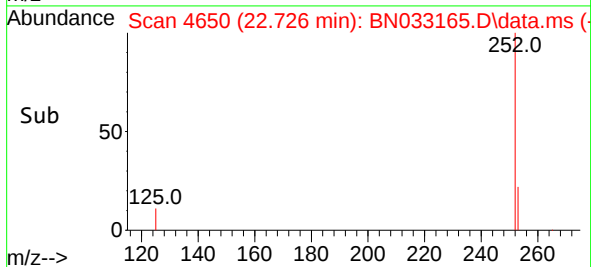
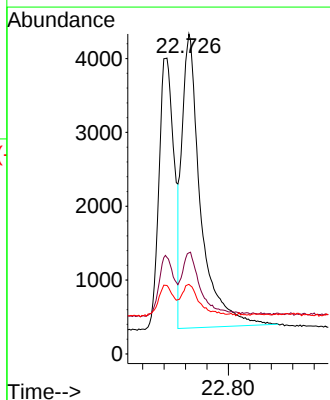
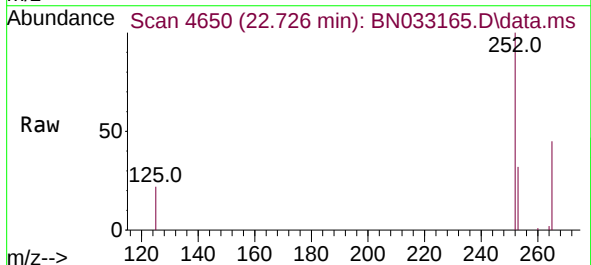
Instrument :
BNA_N
ClientSampleId :
SLCS172

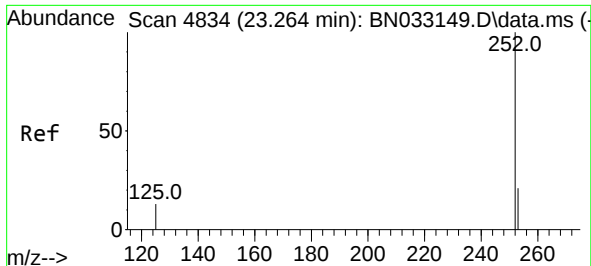
Tgt Ion:252 Resp: 7261
Ion Ratio Lower Upper
252 100
253 32.6 0.0 60.6
125 23.2 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.726 min Scan# 4650
Delta R.T. 0.000 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:252 Resp: 9685
Ion Ratio Lower Upper
252 100
253 31.6 24.9 37.3
125 21.7 20.9 31.3

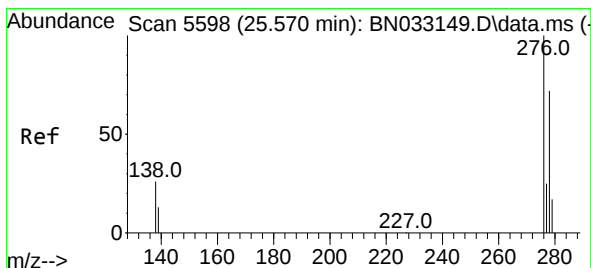
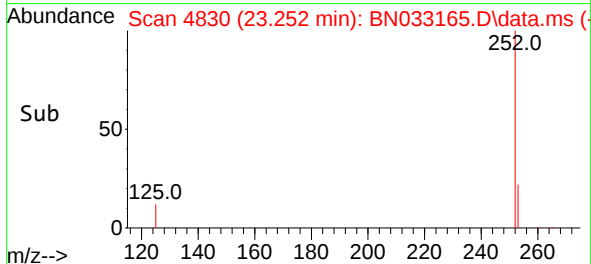
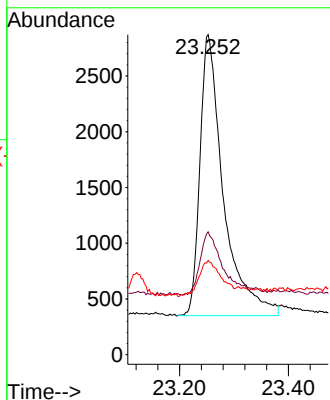
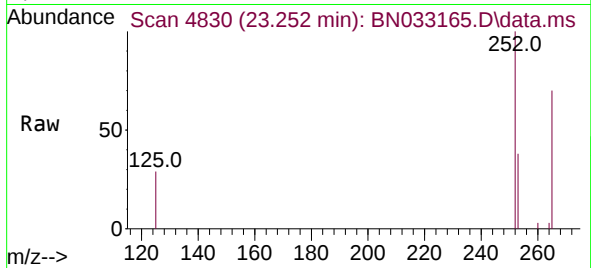




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.252 min Scan# 4830
Delta R.T. 0.003 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

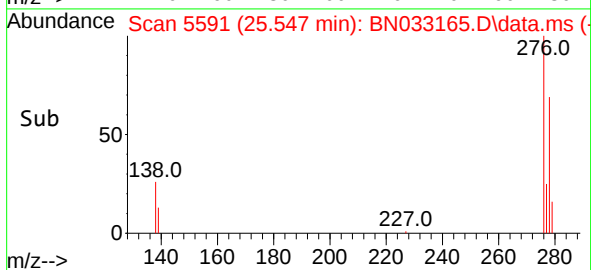
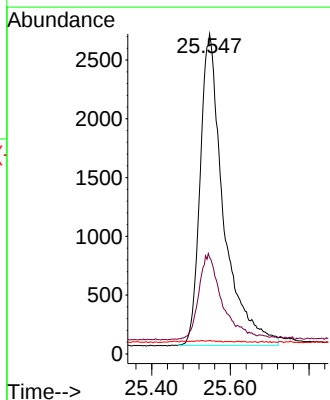
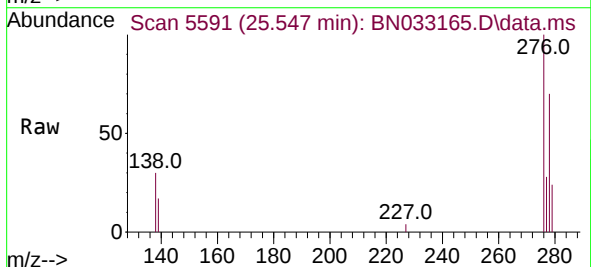
Instrument :
BNA_N
ClientSampleId :
SLCS172

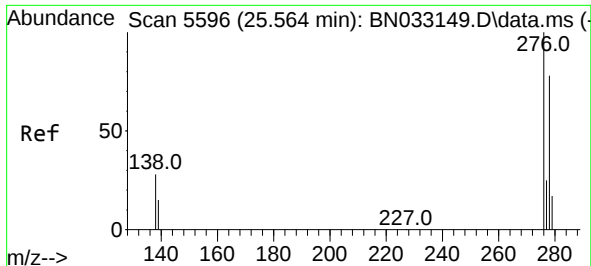
Tgt Ion:252 Resp: 7543
Ion Ratio Lower Upper
252 100
253 38.4 27.5 41.3
125 29.4 27.0 40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 25.547 min Scan# 5591
Delta R.T. 0.007 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

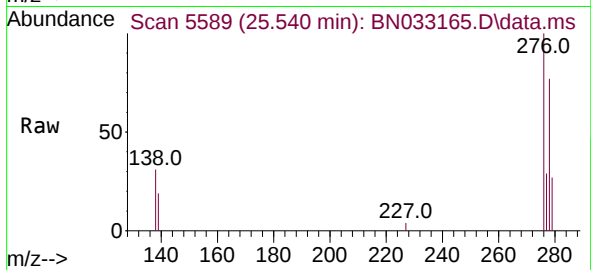
Tgt Ion:276 Resp: 10922
Ion Ratio Lower Upper
276 100
138 27.7 21.8 32.8
227 0.3 0.2 0.2



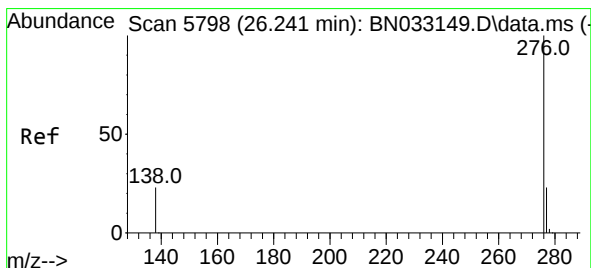
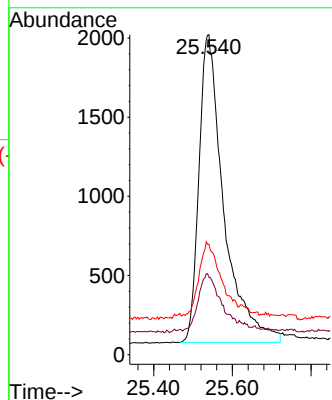


#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 25.540 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Instrument :
BNA_N
ClientSampleId :
SLCS172



Tgt Ion:278 Resp: 8516
Ion Ratio Lower Upper
278 100
139 24.1 22.5 33.7
279 34.5 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 26.225 min Scan# 5793
Delta R.T. 0.007 min
Lab File: BN033165.D
Acq: 01 Aug 2024 12:32

Tgt Ion:276 Resp: 7669
Ion Ratio Lower Upper
276 100
138 29.0 24.6 37.0
277 28.1 22.6 34.0

