

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034960.D
 Acq On : 10 Nov 2024 02:36
 Operator : RC/JU
 Sample : PB164807BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS807

Quant Time: Nov 10 03:00:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

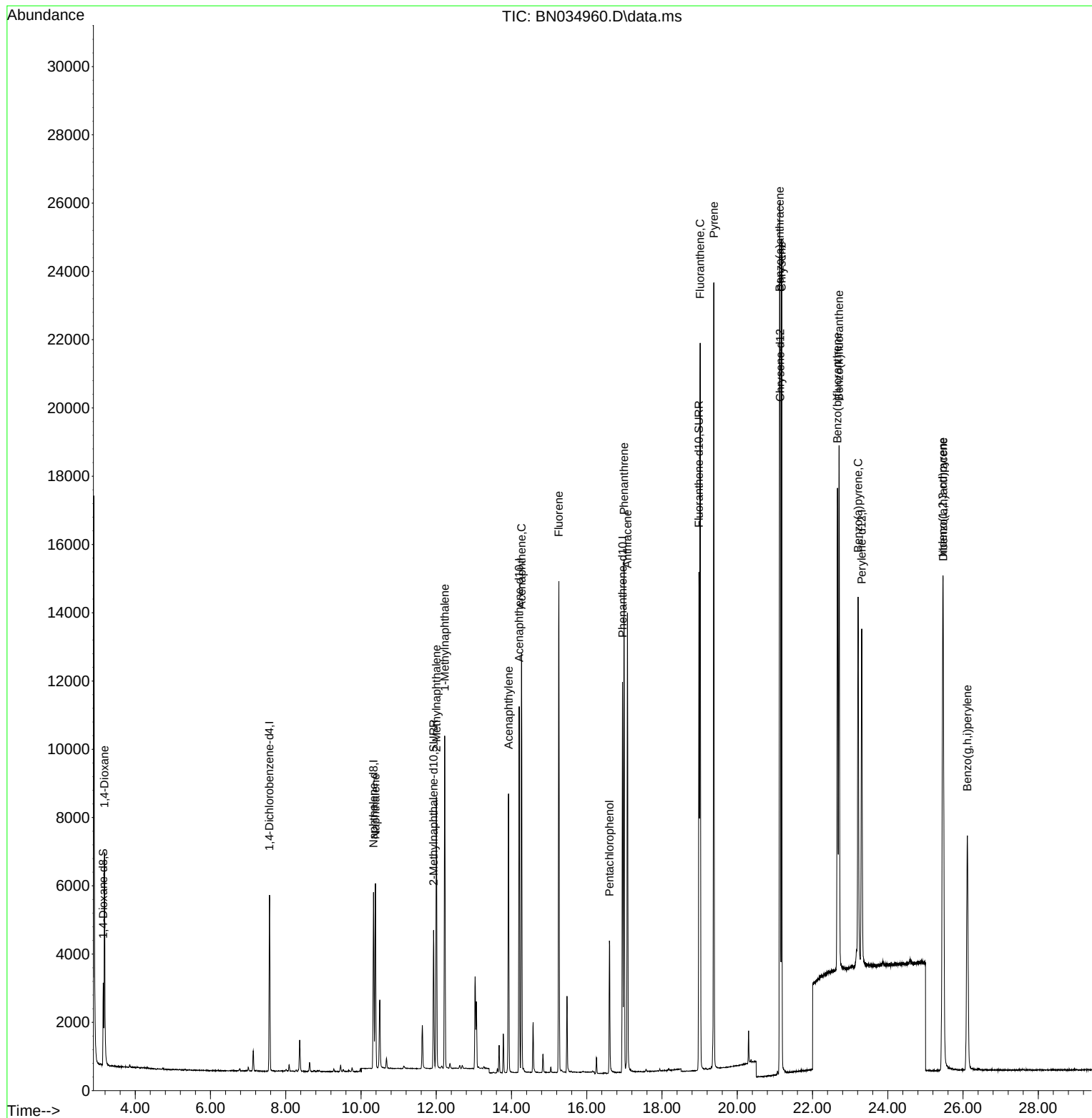
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	2629	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	6923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.203	164	5588	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	13653	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	13367	0.400	ng/ul	0.00
23) Perylene-d12	23.308	264	12160	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	1803	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	5085	0.480	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	16691	0.486	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	4914	1.792	ng/ul#	92
5) Naphthalene	10.383	128	7122	0.411	ng/ul	98
7) 2-Methylnaphthalene	12.005	142	5410	0.418	ng/ul	99
8) 1-Methylnaphthalene	12.225	142	6308	0.486	ng/ul	99
10) Acenaphthylene	13.921	152	9056	0.397	ng/ul	99
11) Acenaphthene	14.268	153	6866	0.397	ng/ul	99
12) Fluorene	15.258	166	8513	0.387	ng/ul	99
14) Pentachlorophenol	16.603	266	2502	0.793	ng/ul	98
15) Phenanthrene	16.992	178	14885	0.408	ng/ul	99
16) Anthracene	17.080	178	13648	0.398	ng/ul	99
19) Fluoranthene	19.014	202	19043	0.426	ng/ul#	97
20) Pyrene	19.376	202	19866	0.429	ng/ul	98
21) Benzo(a)anthracene	21.125	228	19298	0.399	ng/ul	99
22) Chrysene	21.177	228	19787	0.401	ng/ul	100
24) Benzo(b)fluoranthene	22.662	252	18156	0.425	ng/ul	99
25) Benzo(k)fluoranthene	22.706	252	18393	0.411	ng/ul	100
26) Benzo(a)pyrene	23.211	252	15385	0.403	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.460	276	18221	0.390	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.473	278	14396	0.396	ng/ul	98
29) Benzo(g,h,i)perylene	26.114	276	14080	0.395	ng/ul	98

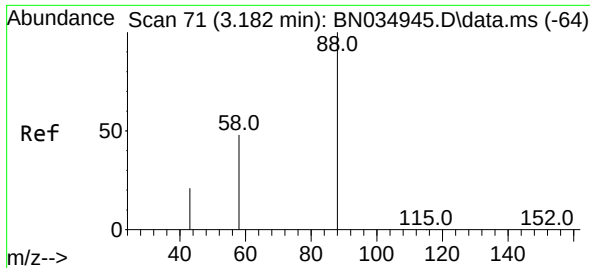
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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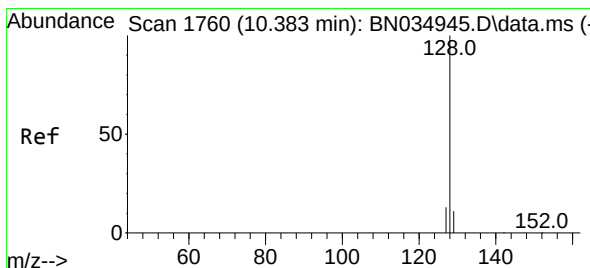
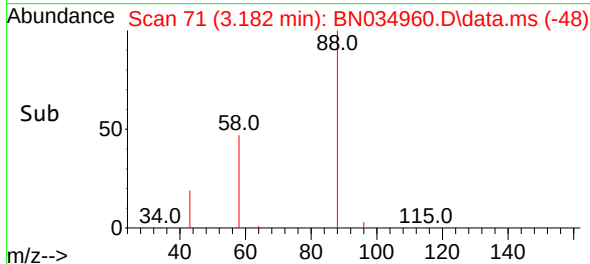
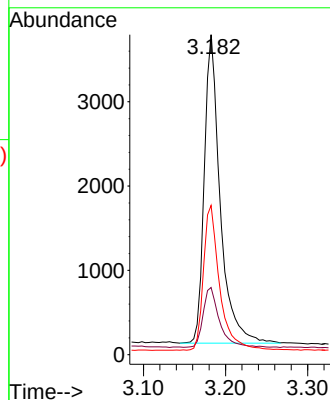
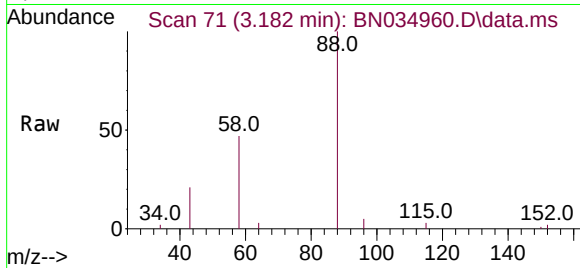




#2
1,4-Dioxane
Concen: 1.792 ng/ul
RT: 3.182 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

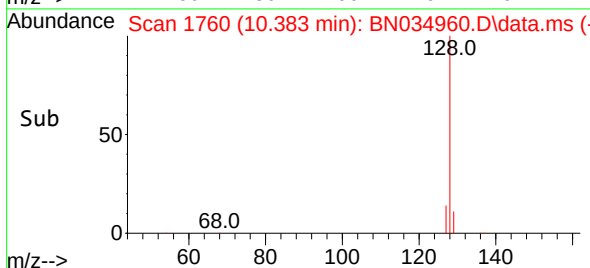
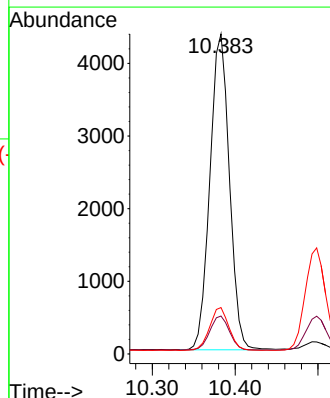
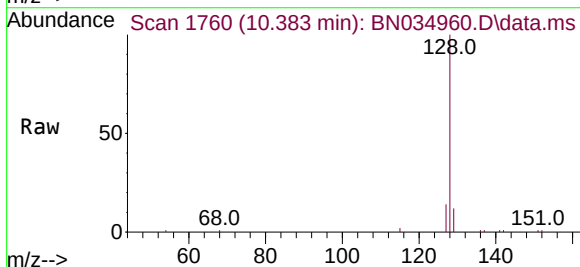
Instrument :
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SLCS807

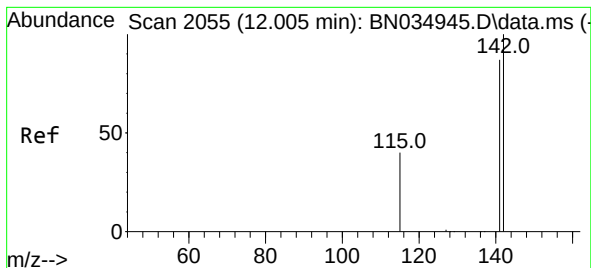
Tgt Ion: 88 Resp: 4914
Ion Ratio Lower Upper
88 100
43 21.0 23.3 34.9#
58 46.7 35.4 53.2



#5
Naphthalene
Concen: 0.411 ng/ul
RT: 10.383 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:128 Resp: 7122
Ion Ratio Lower Upper
128 100
129 11.9 10.1 15.1
127 14.5 12.1 18.1

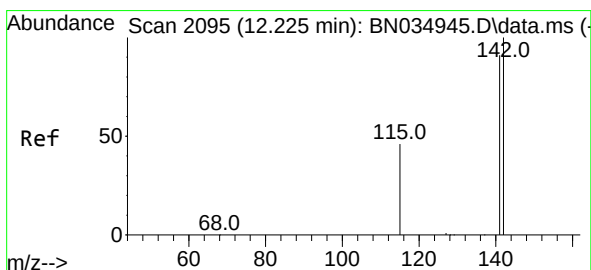
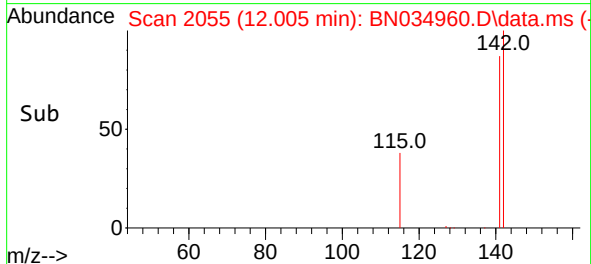
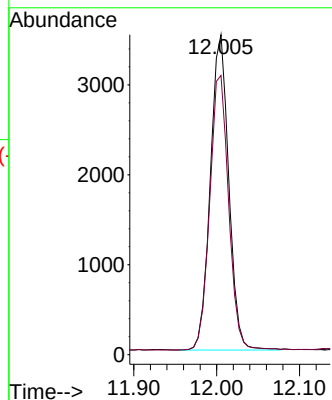
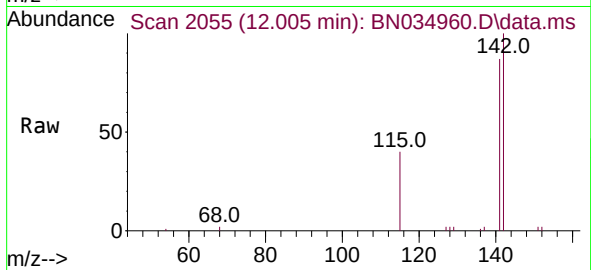




#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

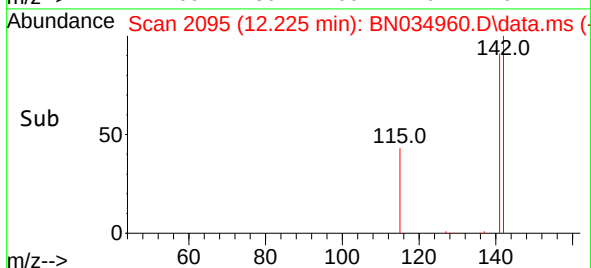
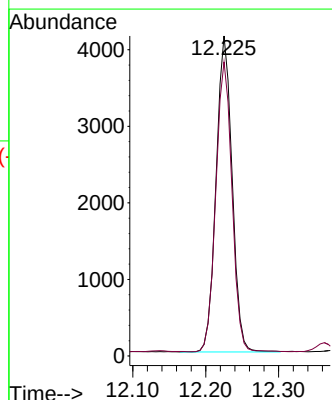
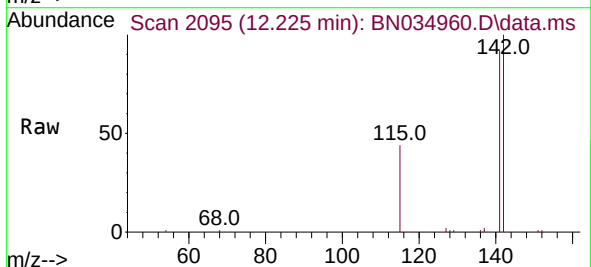
Instrument :
BNA_N
ClientSampleId :
SLCS807

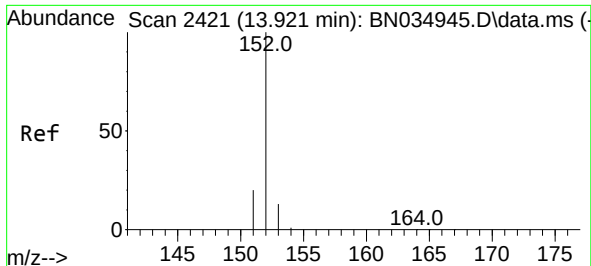
Tgt Ion:142 Resp: 5410
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:142 Resp: 6308
Ion Ratio Lower Upper
142 100
141 92.6 74.6 111.8

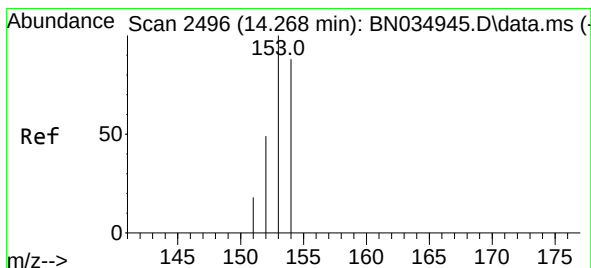
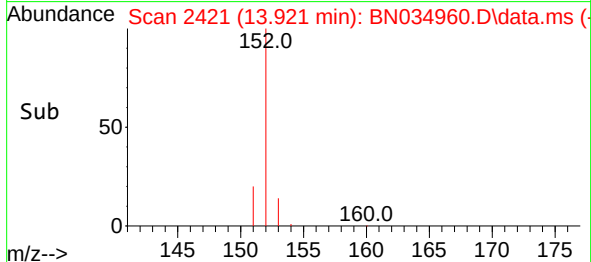
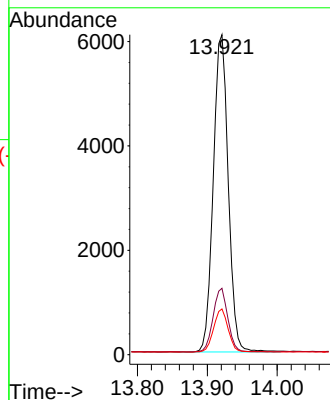
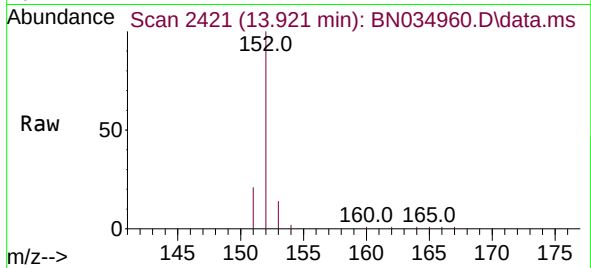




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 13.921 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

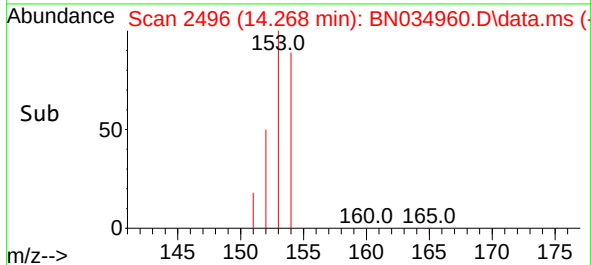
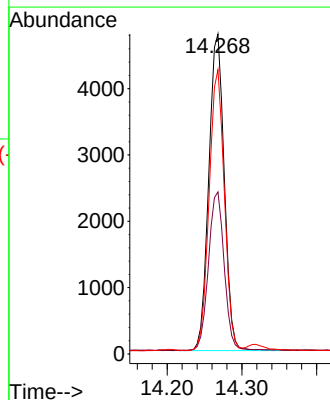
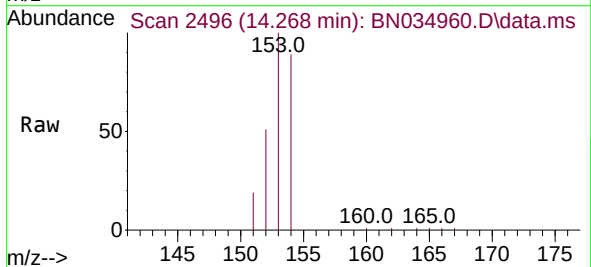
Instrument :
BNA_N
ClientSampleId :
SLCS807

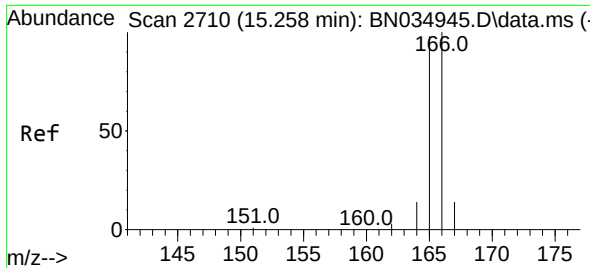
Tgt Ion:152 Resp: 9056
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.3 11.0 16.6



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:153 Resp: 6866
Ion Ratio Lower Upper
153 100
152 50.7 41.5 62.3
154 88.9 70.9 106.3

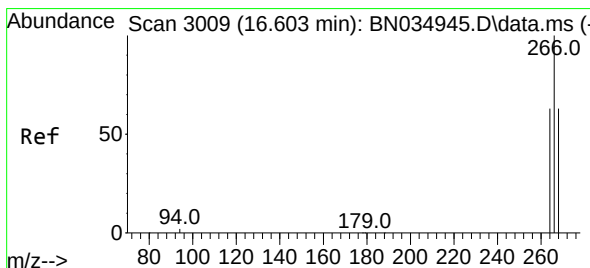
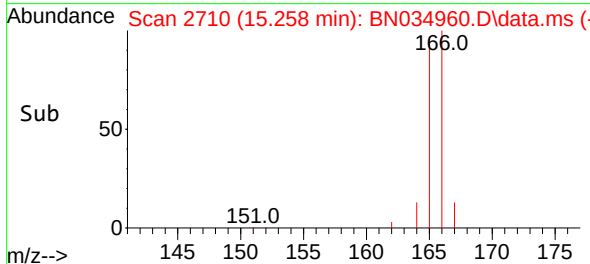
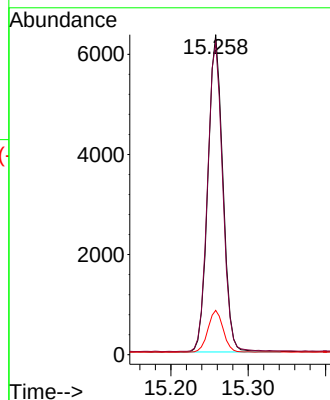
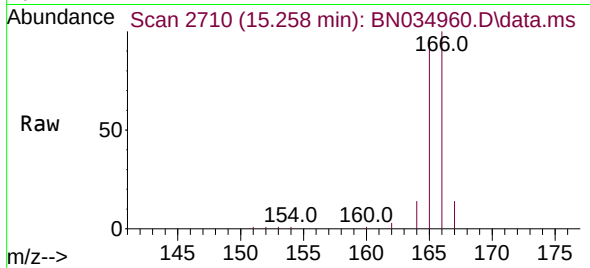




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.258 min Scan# 2710
 Delta R.T. -0.005 min
 Lab File: BN034960.D
 Acq: 10 Nov 2024 02:36

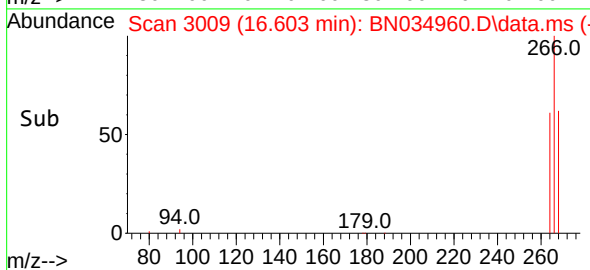
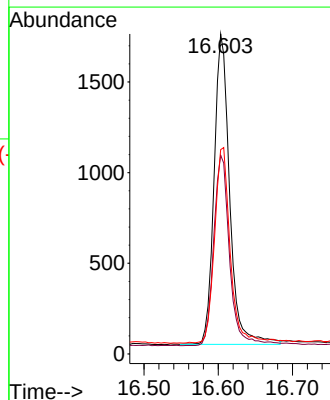
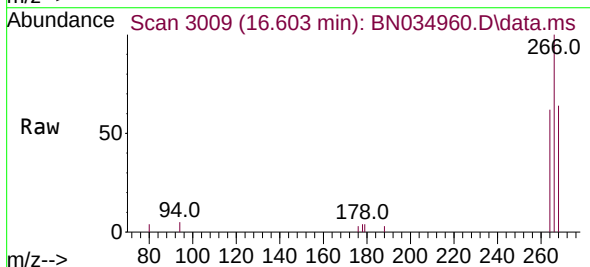
Instrument :
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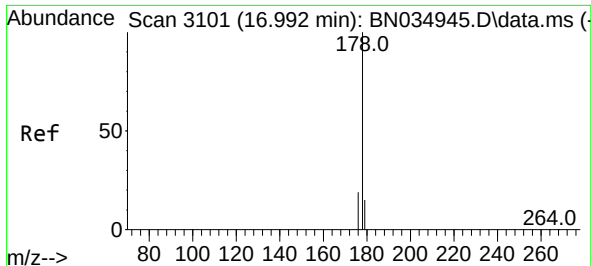
Tgt Ion:166	Resp:	8513
Ion Ratio	Lower	Upper
166	100	
165	97.4	79.0 118.4
167	13.8	11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.793 ng/ul
 RT: 16.603 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BN034960.D
 Acq: 10 Nov 2024 02:36

Tgt Ion:266	Resp:	2502
Ion Ratio	Lower	Upper
266	100	
264	62.6	50.2 75.2
268	64.2	48.4 72.6

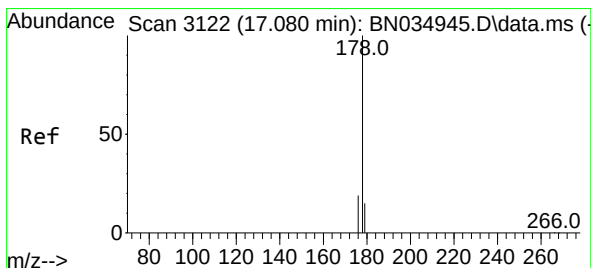
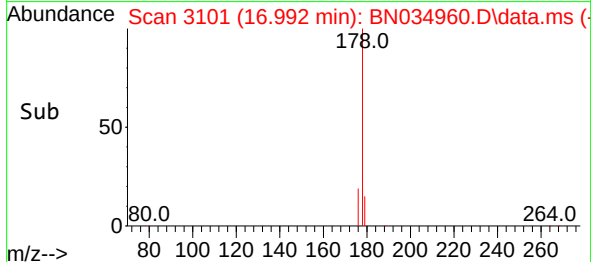
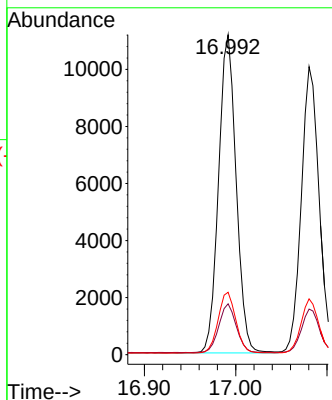
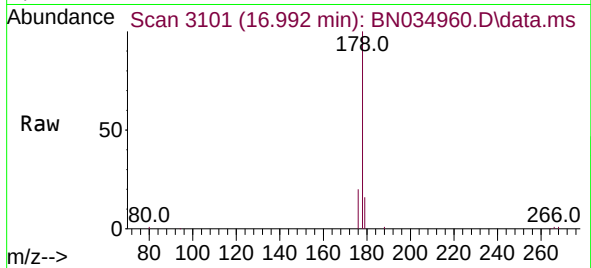




#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

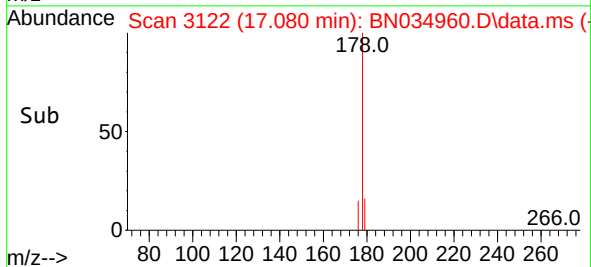
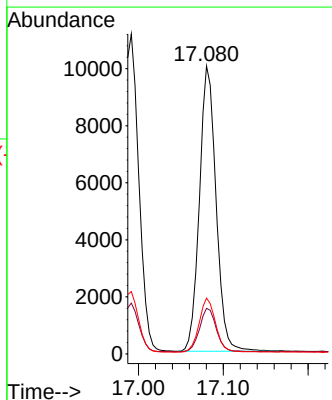
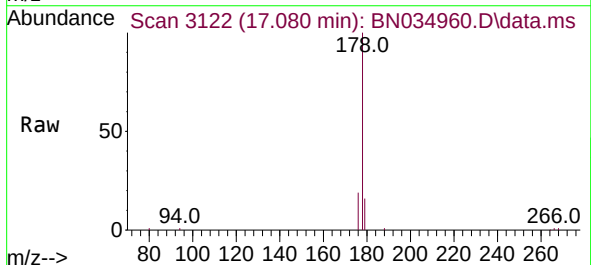
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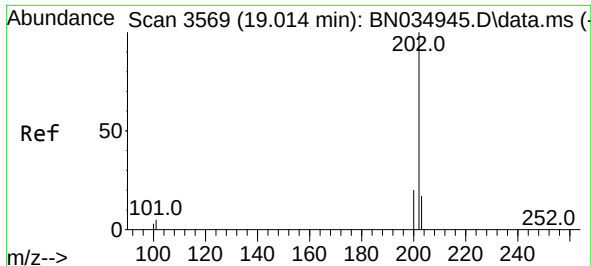
Tgt Ion	178	179	176
Resp:	14885		
Ion Ratio	100	15.9	19.5
Lower		13.4	15.8
Upper		20.2	23.6



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.080 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion	178	179	176
Resp:	13648		
Ion Ratio	100	15.9	19.4
Lower		13.3	15.8
Upper		19.9	23.8

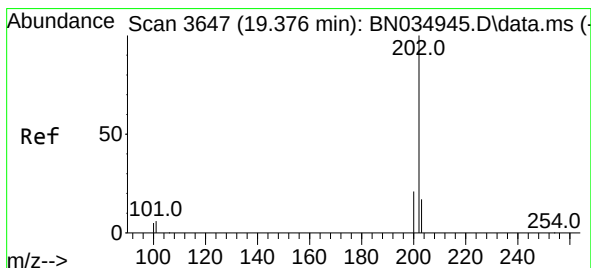
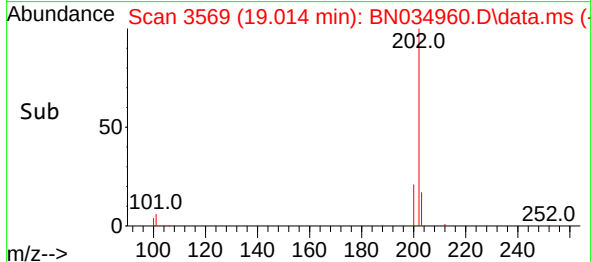
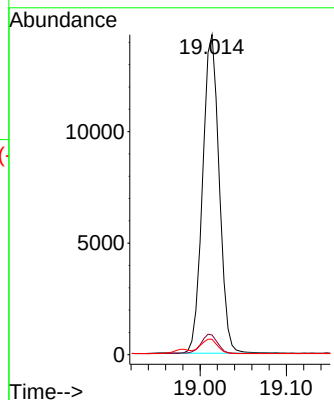
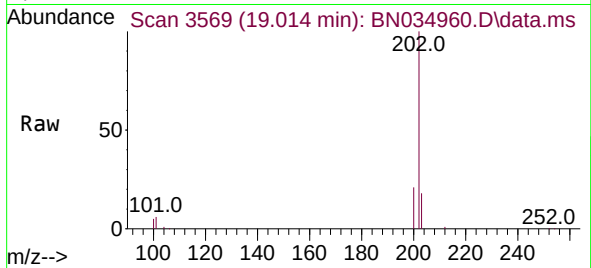




#19
Fluoranthene
Concen: 0.426 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

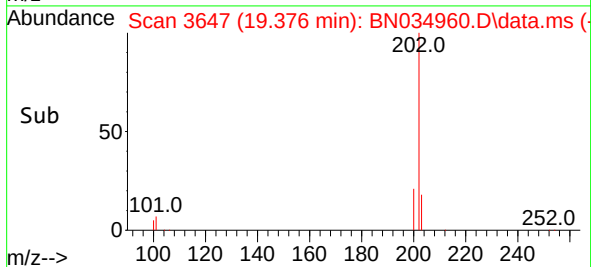
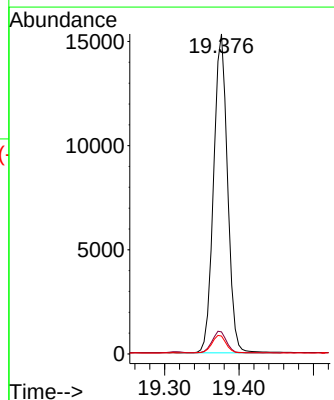
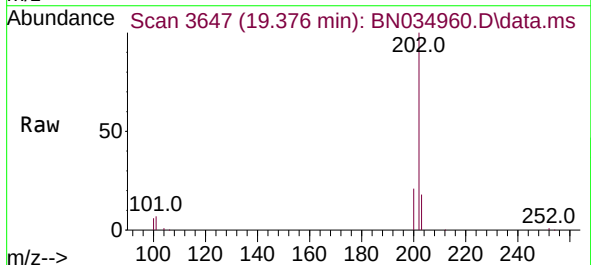
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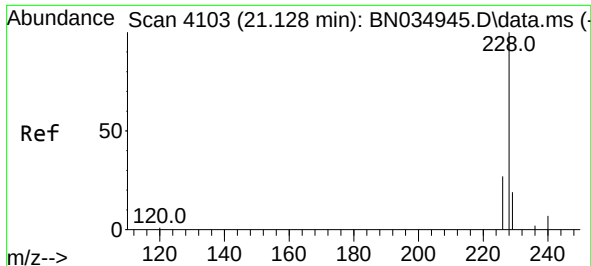
Tgt Ion:202 Resp: 19043
Ion Ratio Lower Upper
202 100
101 6.1 4.2 6.2
100 4.8 3.2 4.8#



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:202 Resp: 19866
Ion Ratio Lower Upper
202 100
101 6.9 5.0 7.4
100 5.6 4.1 6.1

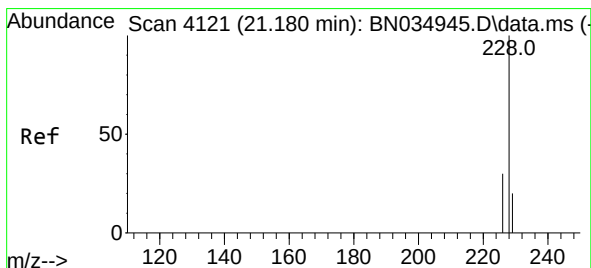
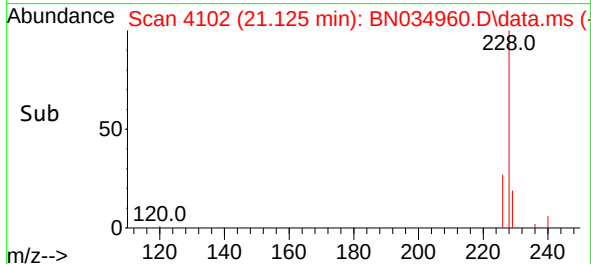
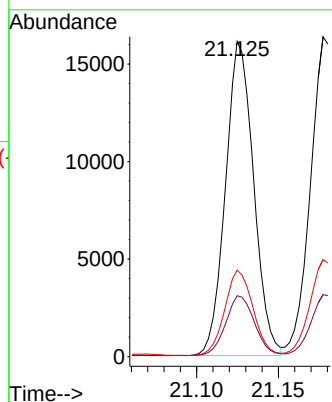
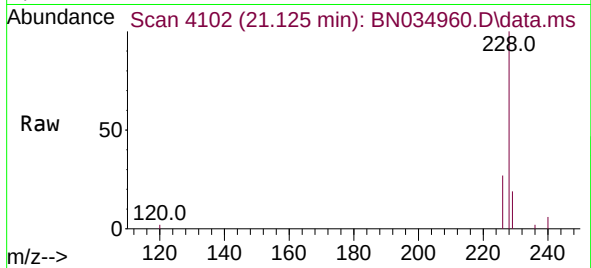




#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

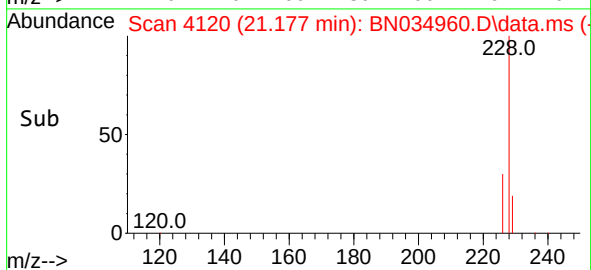
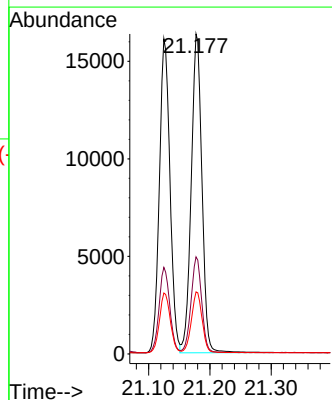
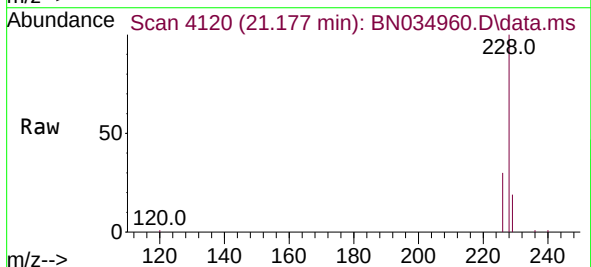
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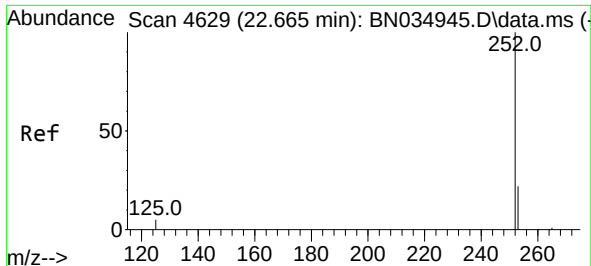
Tgt Ion:228 Resp: 19298
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.8
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:228 Resp: 19787
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.4 15.4 23.2

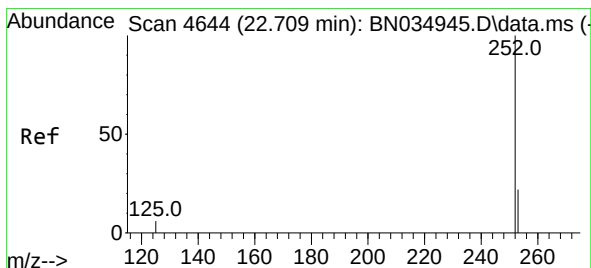
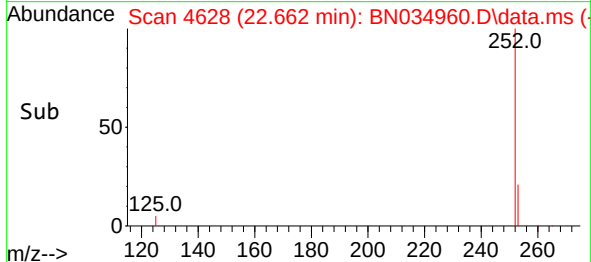
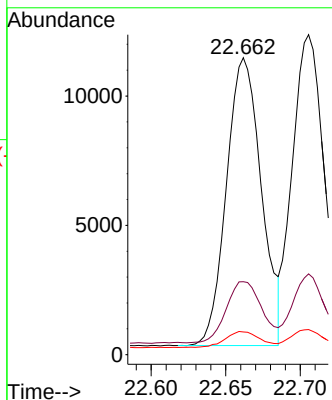
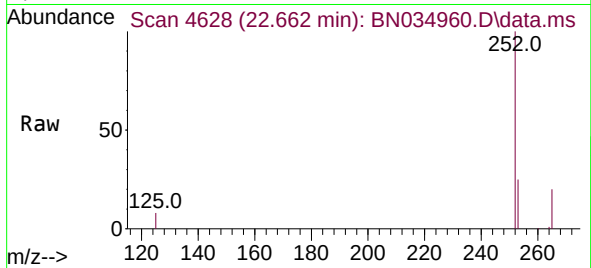




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

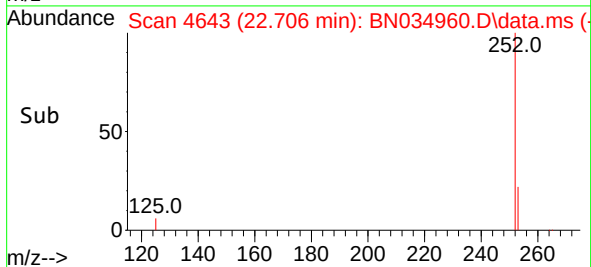
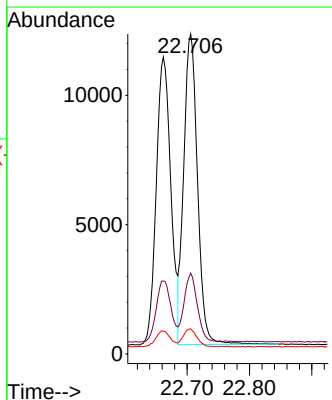
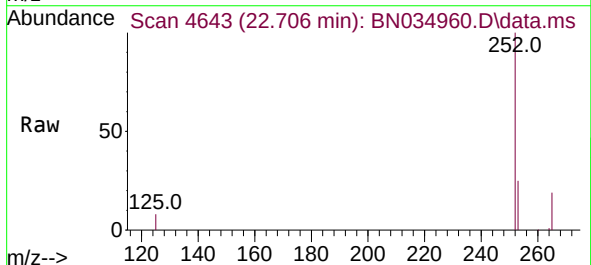
Instrument :
BNA_N
ClientSampleId :
SLCS807

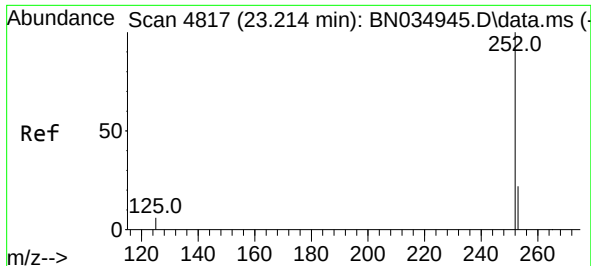
Tgt Ion:252 Resp: 18156
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.0
125 7.7 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.006 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:252 Resp: 18393
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 7.9 5.8 8.8

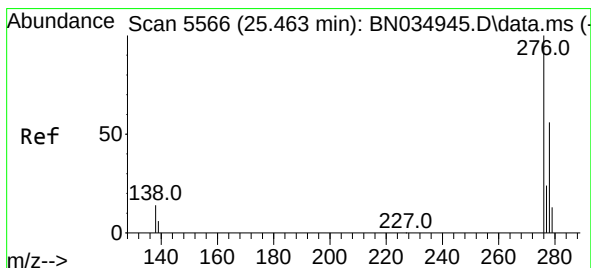
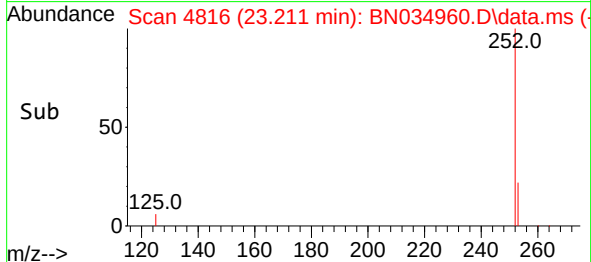
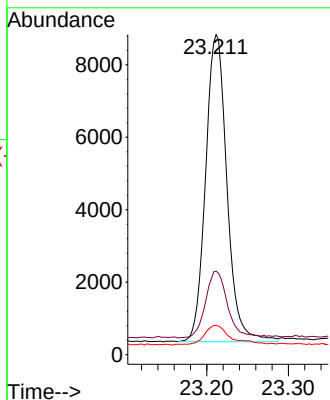
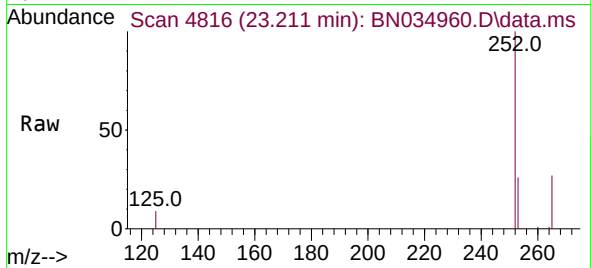




#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.211 min Scan# 4817
Delta R.T. -0.006 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

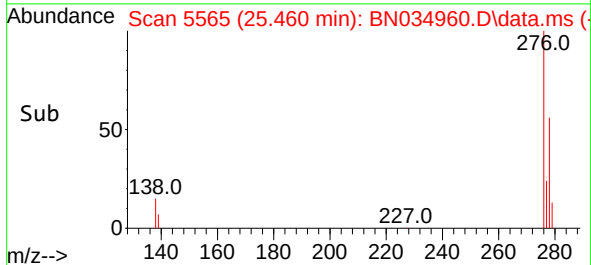
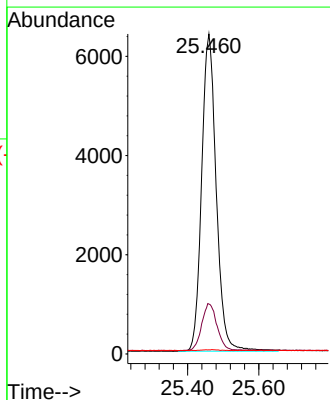
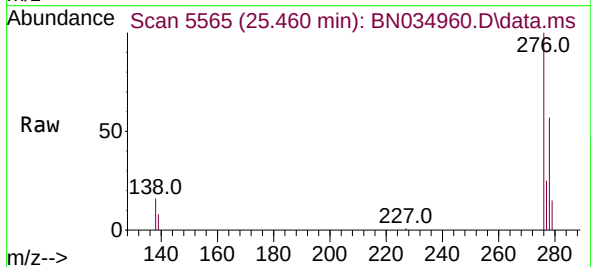
Instrument :
BNA_N
ClientSampleId :
SLCS807

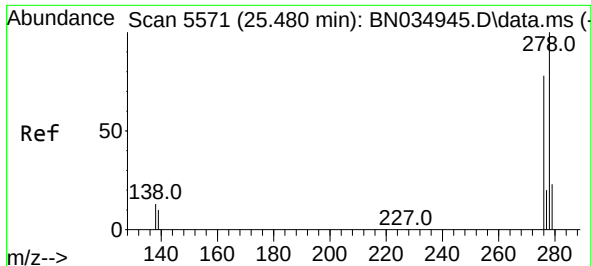
Tgt Ion:	252	Resp:	15385
Ion Ratio	Lower	Upper	
252	100		
253	26.1	21.2	31.8
125	9.1	6.3	9.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.460 min Scan# 5565
Delta R.T. -0.010 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:	276	Resp:	18221
Ion Ratio	Lower	Upper	
276	100		
138	15.5	10.8	16.2
227	0.1	0.2	0.4

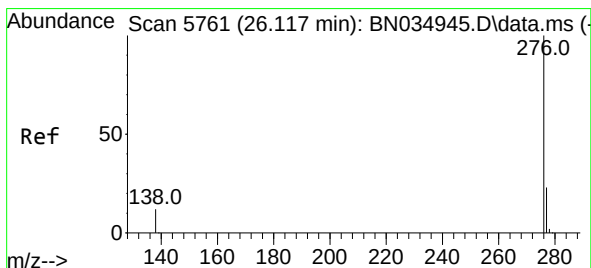
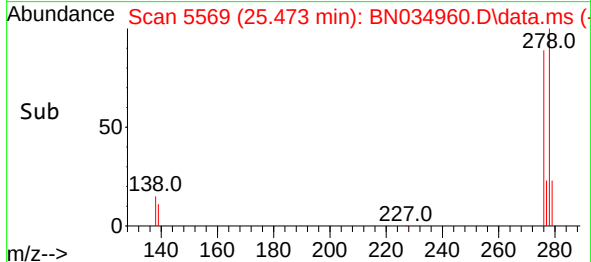
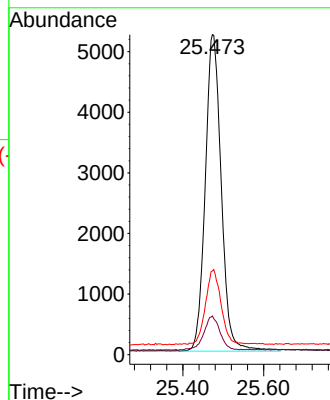
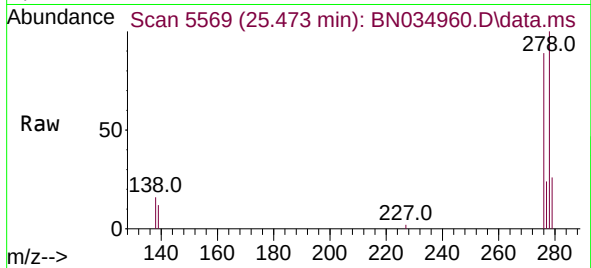




#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 25.473 min Scan# 5569
Delta R.T. -0.013 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Instrument :
BNA_N
ClientSampleId :
SLCS807

Tgt Ion:278 Resp: 14396
Ion Ratio Lower Upper
278 100
139 12.1 8.4 12.6
279 26.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.114 min Scan# 5760
Delta R.T. -0.013 min
Lab File: BN034960.D
Acq: 10 Nov 2024 02:36

Tgt Ion:276 Resp: 14080
Ion Ratio Lower Upper
276 100
138 14.5 10.3 15.5
277 24.7 20.2 30.2

