

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033957.D
 Acq On : 15 Sep 2024 18:15
 Operator : JU/RC
 Sample : PB163312BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS312

Quant Time: Sep 16 00:14:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

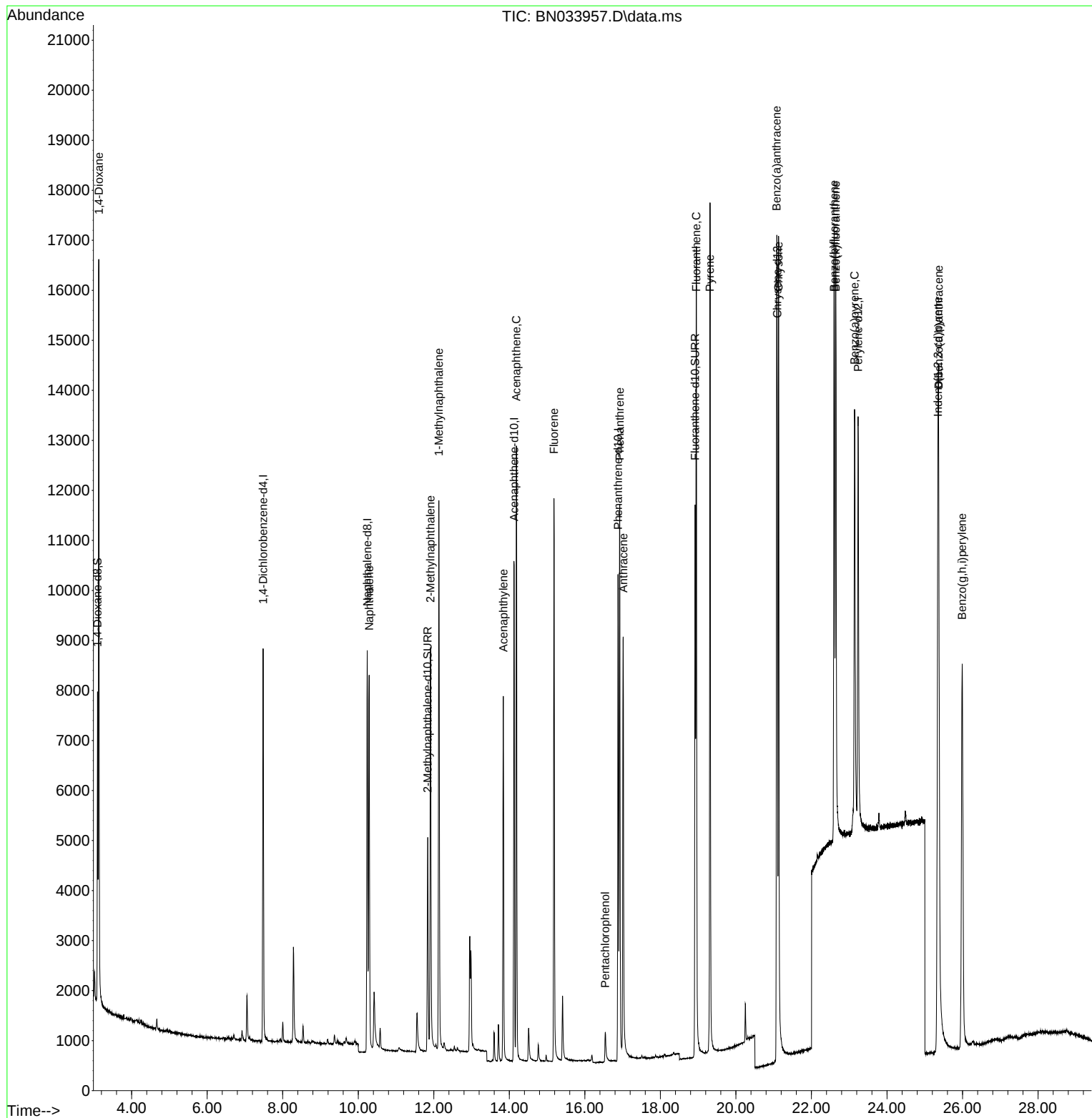
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	3985	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	11071	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.128	164	5661	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.881	188	11856	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	9975	0.400	ng/ul	0.00
23) Perylene-d12	23.237	264	10923	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3323	0.811	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	6154	0.387	ng/ul	0.00
18) Fluoranthene-d10	18.920	212	13161	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	8755	1.926	ng/ul#	80
5) Naphthalene	10.288	128	10352	0.350	ng/ul	99
7) 2-Methylnaphthalene	11.916	142	6465	0.345	ng/ul	100
8) 1-Methylnaphthalene	12.136	142	7786	0.404	ng/ul	99
10) Acenaphthylene	13.841	152	8430	0.328	ng/ul	99
11) Acenaphthene	14.188	153	6949	0.374	ng/ul	98
12) Fluorene	15.183	166	7522	0.363	ng/ul	98
14) Pentachlorophenol	16.539	266	657	0.176	ng/ul	98
15) Phenanthrene	16.923	178	12168	0.348	ng/ul	99
16) Anthracene	17.016	178	10484	0.334	ng/ul	100
19) Fluoranthene	18.952	202	14595	0.371	ng/ul	99
20) Pyrene	19.315	202	15359	0.368	ng/ul	99
21) Benzo(a)anthracene	21.080	228	13269	0.338	ng/ul	99
22) Chrysene	21.130	228	15587	0.393	ng/ul	100
24) Benzo(b)fluoranthene	22.602	252	14738	0.348	ng/ul	98
25) Benzo(k)fluoranthene	22.643	252	16675	0.393	ng/ul	99
26) Benzo(a)pyrene	23.143	252	13789	0.405	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.348	276	18700	0.366	ng/ul	99
28) Dibenzo(a,h)anthracene	25.368	278	14460	0.364	ng/ul	97
29) Benzo(g,h,i)perylene	25.992	276	15398	0.385	ng/ul	98

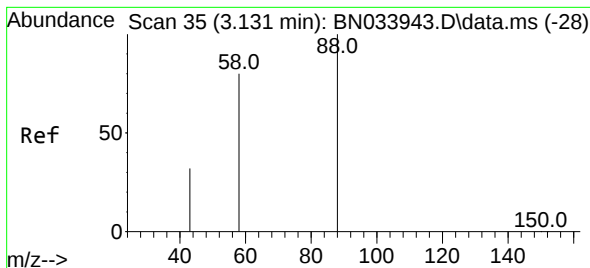
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.926 ng/ul

RT: 3.131 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN033957.D

Acq: 15 Sep 2024 18:15

Instrument :

BNA_N

ClientSampleId :

SLCS312

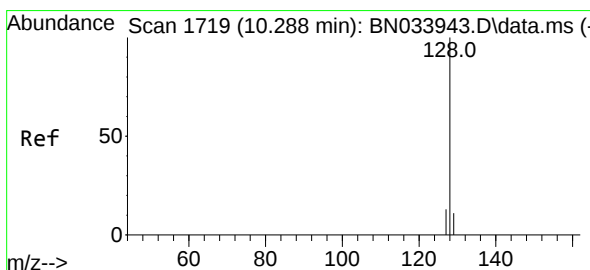
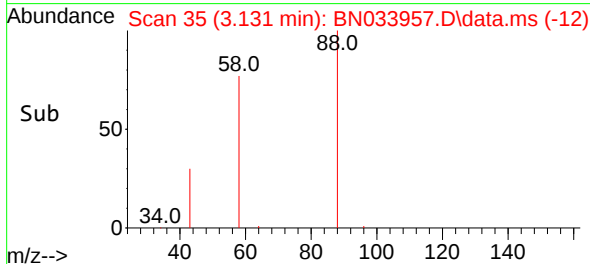
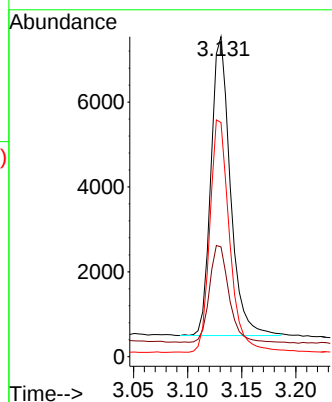
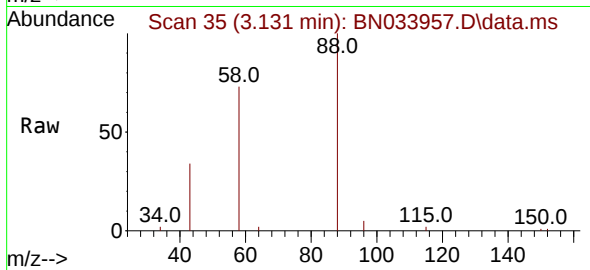
Tgt Ion: 88 Resp: 8755

Ion Ratio Lower Upper

88 100

43 34.3 47.0 70.4#

58 73.2 53.0 79.4



#5

Naphthalene

Concen: 0.350 ng/ul

RT: 10.288 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BN033957.D

Acq: 15 Sep 2024 18:15

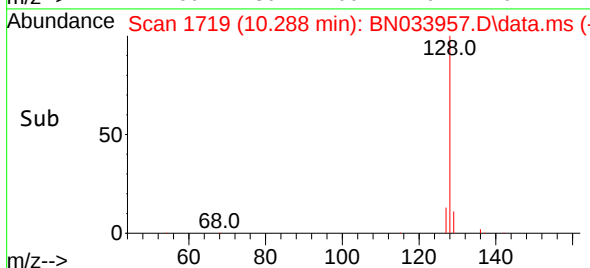
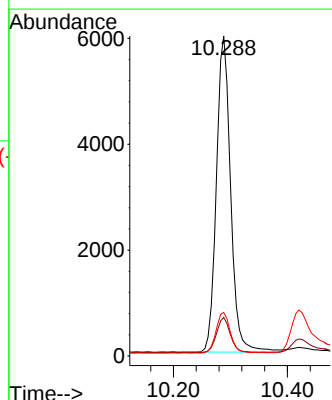
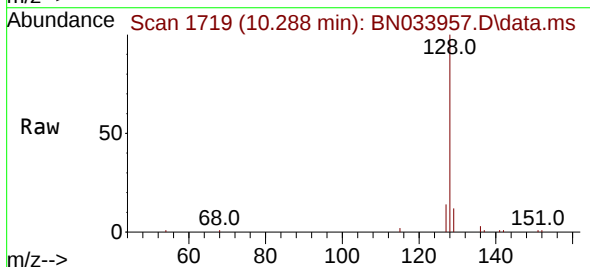
Tgt Ion:128 Resp: 10352

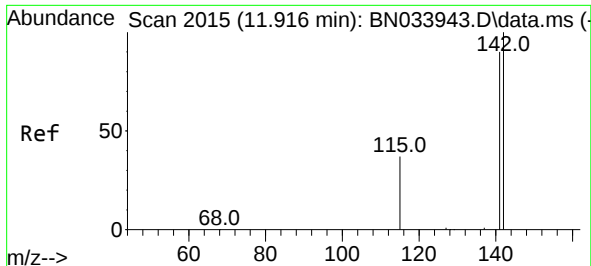
Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

127 13.6 10.8 16.2

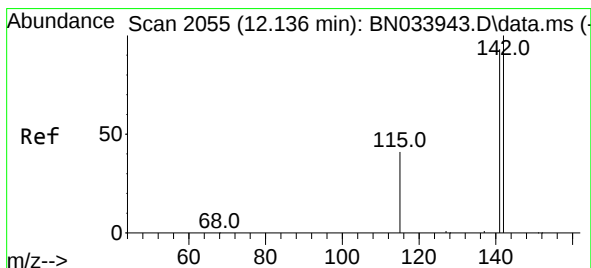
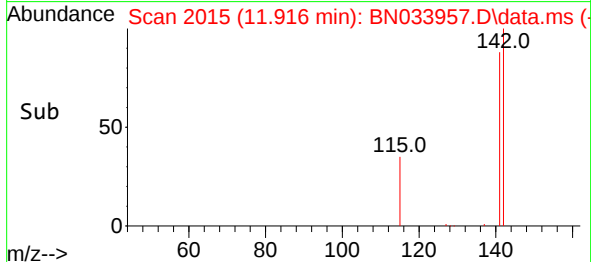
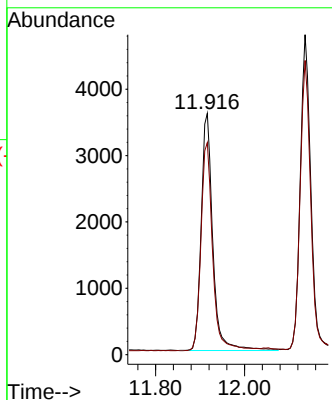
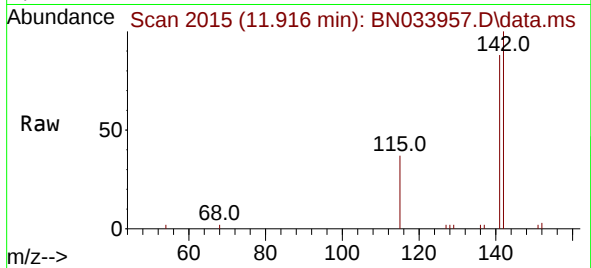




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 11.916 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

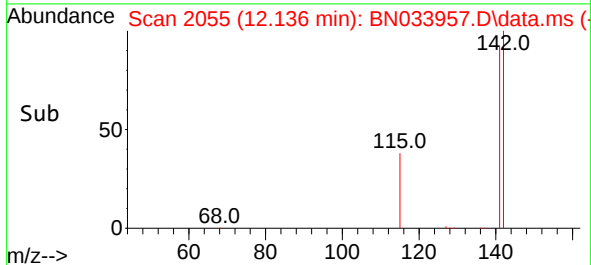
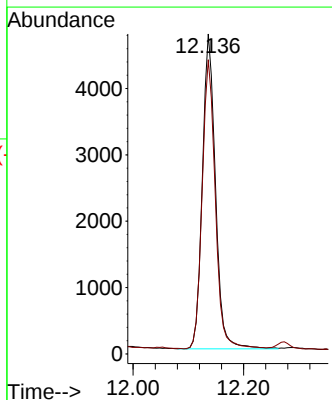
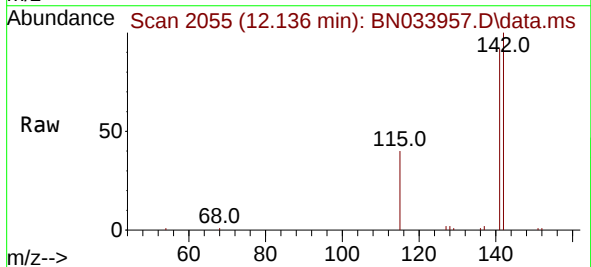
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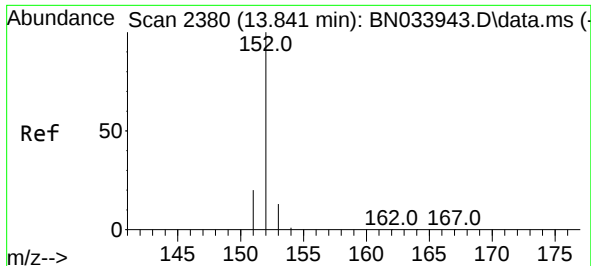
Tgt Ion:142 Resp: 6465
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Tgt Ion:142 Resp: 7786
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4

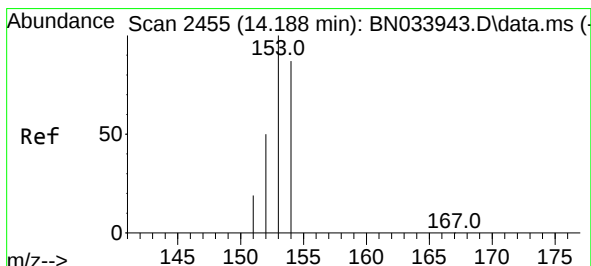
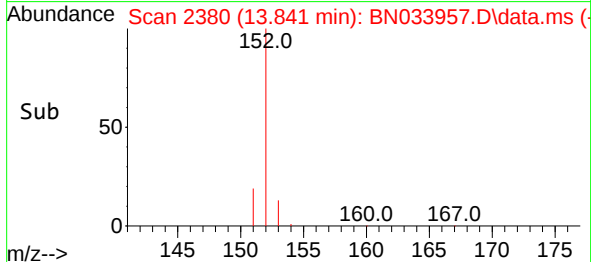
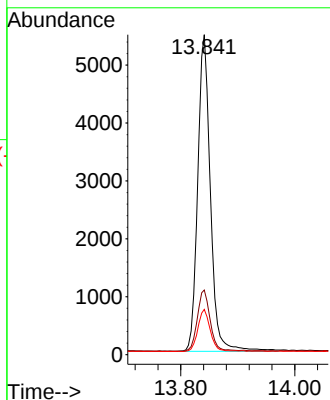
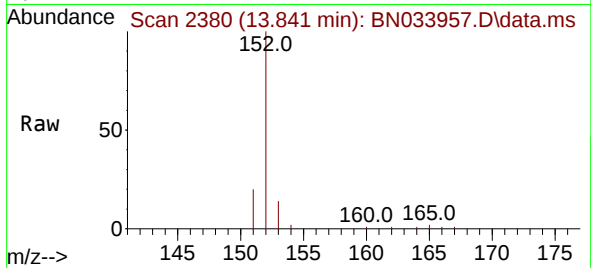




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 13.841 min Scan# 2380
Delta R.T. -0.005 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

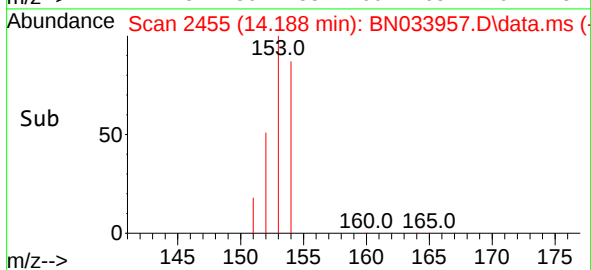
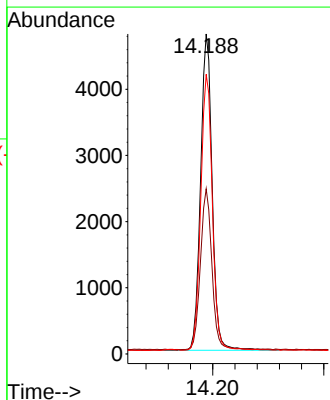
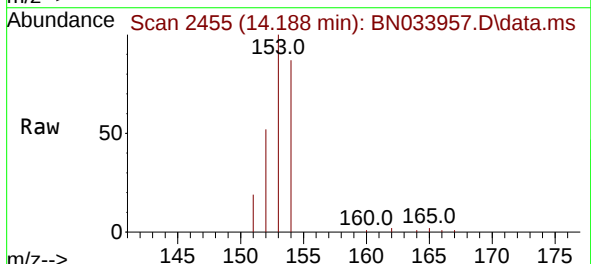
Instrument :
BNA_N
ClientSampleId :
SLCS312

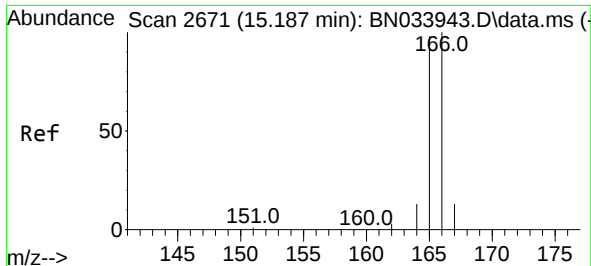
Tgt Ion:152 Resp: 8430
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.2 10.8 16.2



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Tgt Ion:153 Resp: 6949
Ion Ratio Lower Upper
153 100
152 51.6 39.8 59.8
154 87.4 69.0 103.6

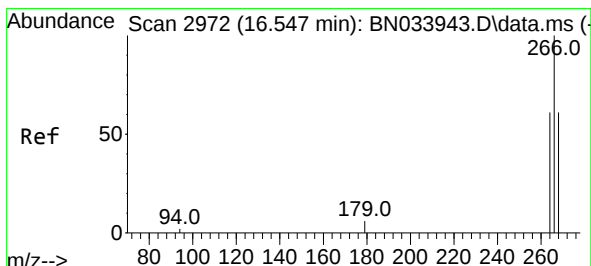
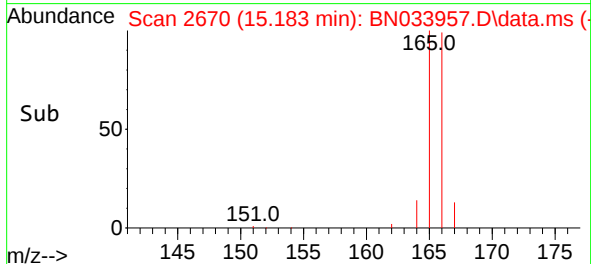
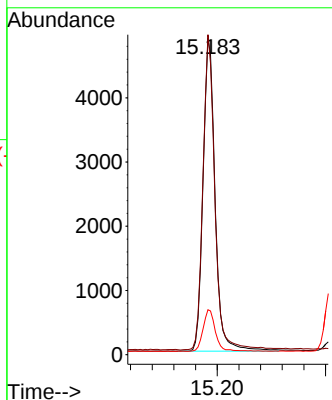
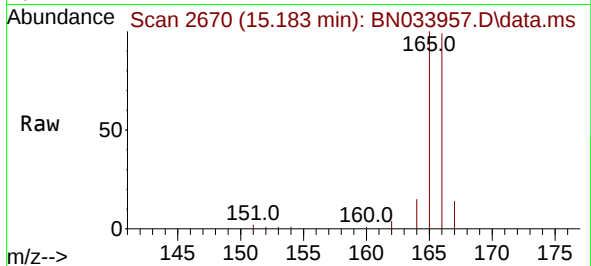




#12
 Fluorene
 Concen: 0.363 ng/ul
 RT: 15.183 min Scan# 2670
 Delta R.T. -0.005 min
 Lab File: BN033957.D
 Acq: 15 Sep 2024 18:15

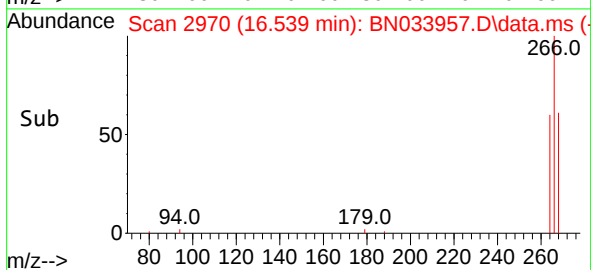
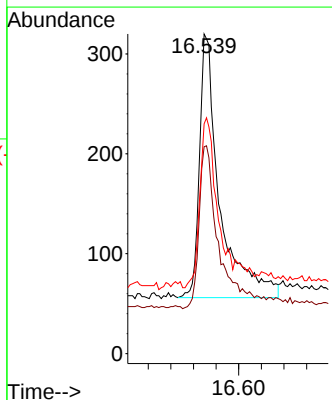
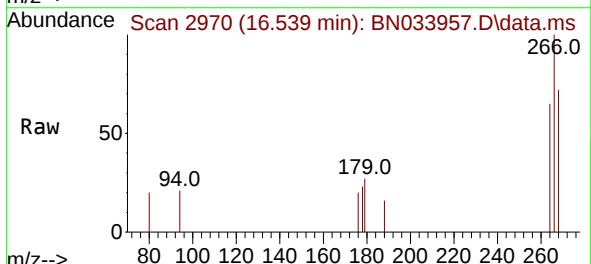
Instrument :
 BNA_N
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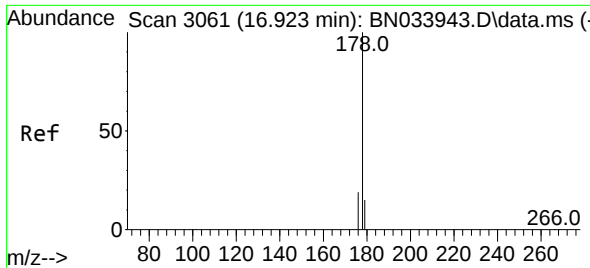
Tgt Ion:166 Resp: 7522
 Ion Ratio Lower Upper
 166 100
 165 101.0 79.1 118.7
 167 14.2 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.176 ng/ul
 RT: 16.539 min Scan# 2970
 Delta R.T. -0.004 min
 Lab File: BN033957.D
 Acq: 15 Sep 2024 18:15

Tgt Ion:266 Resp: 657
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.3 75.5
 268 62.3 51.7 77.5

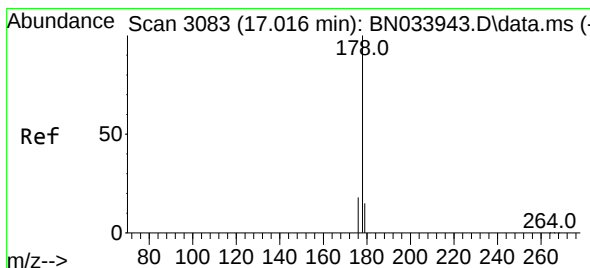
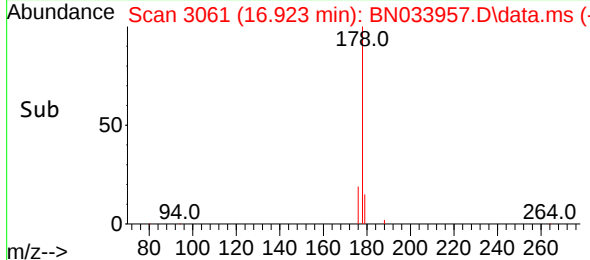
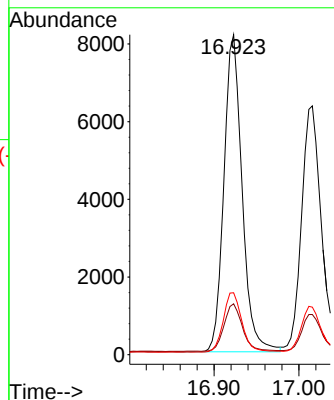
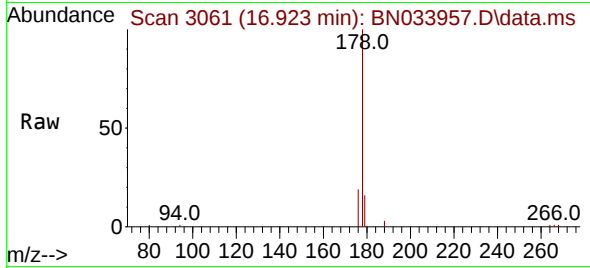




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 16.923 min Scan# 3061
Delta R.T. -0.004 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

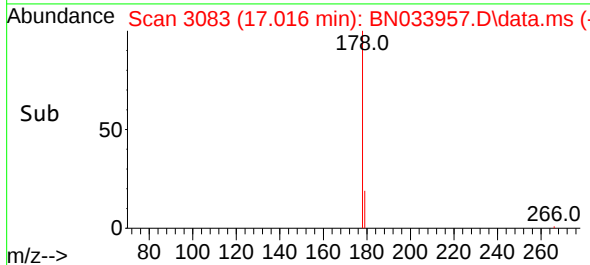
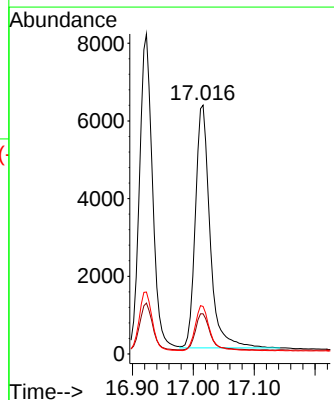
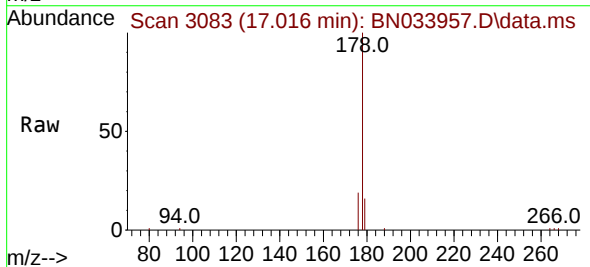
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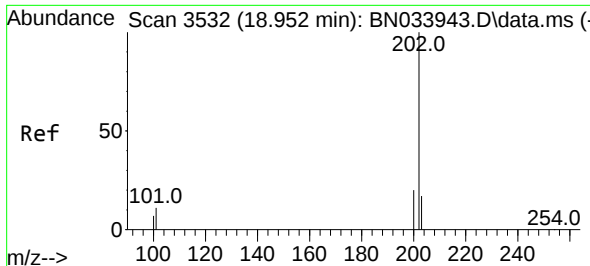
Tgt Ion:178	Resp:	12168
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.9 19.3
176	19.3	15.7 23.5



#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.016 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Tgt Ion:178	Resp:	10484
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.0 19.4
176	19.1	15.2 22.8

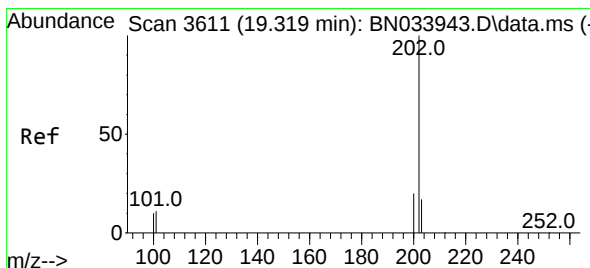
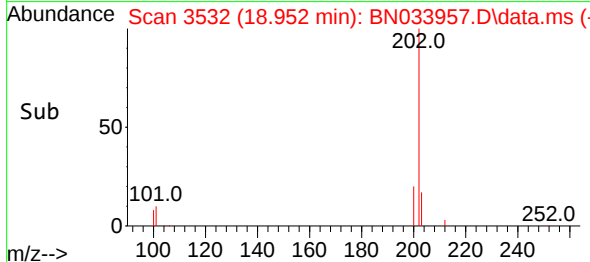
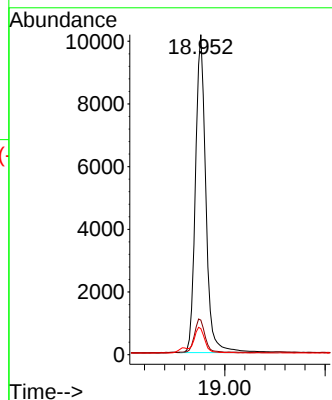
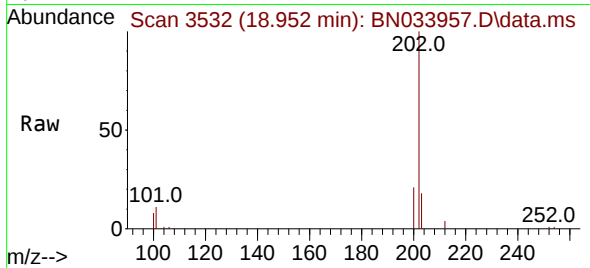




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 18.952 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

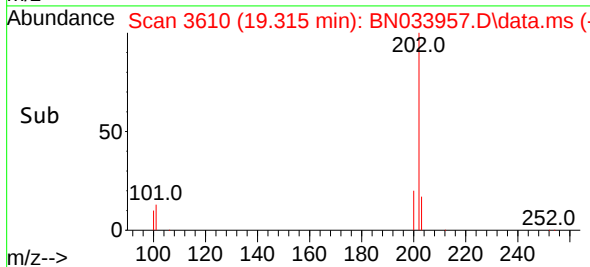
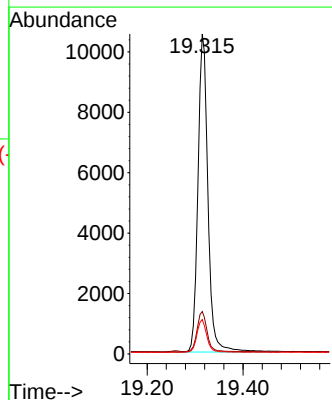
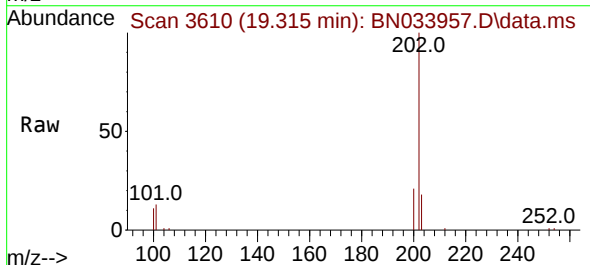
Instrument :
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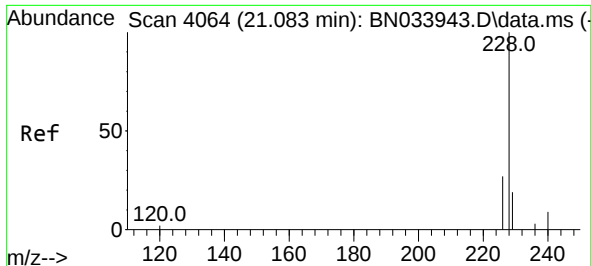
Tgt Ion:202 Resp: 14595
Ion Ratio Lower Upper
202 100
101 10.8 9.0 13.4
100 8.2 6.7 10.1



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Tgt Ion:202 Resp: 15359
Ion Ratio Lower Upper
202 100
101 13.3 10.8 16.2
100 10.8 8.7 13.1

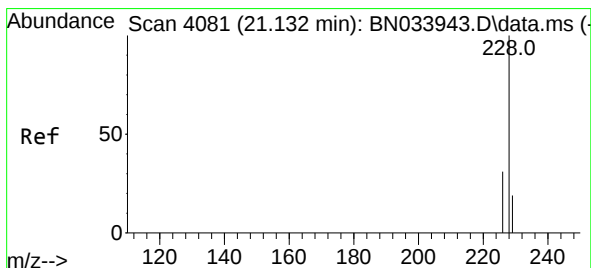
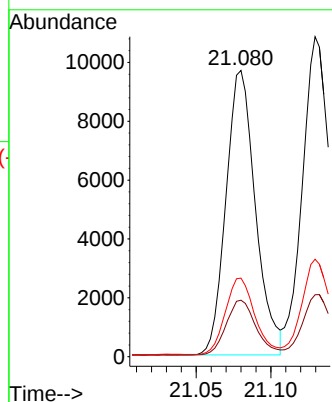
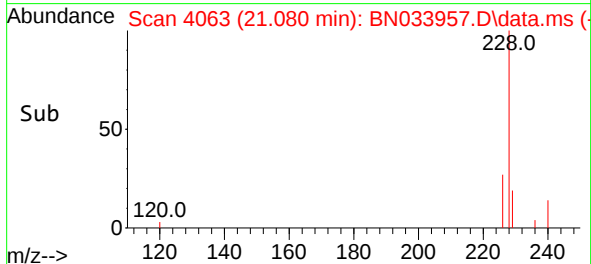
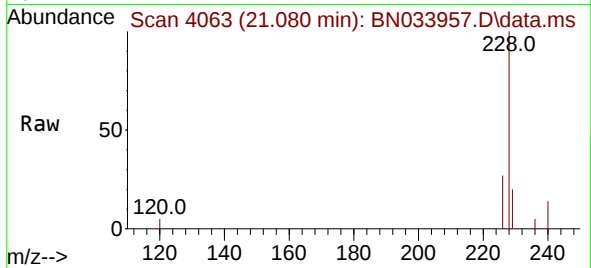




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.080 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

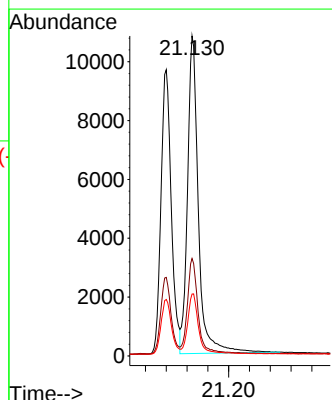
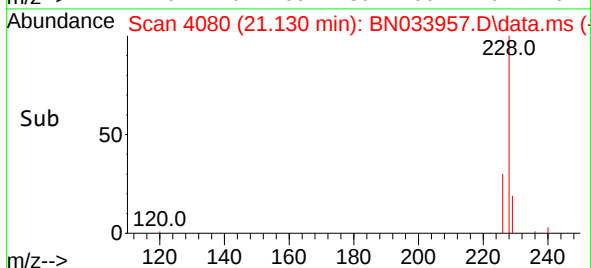
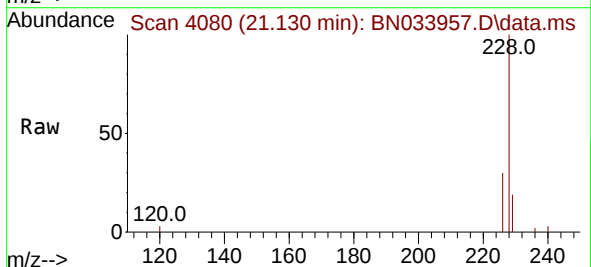
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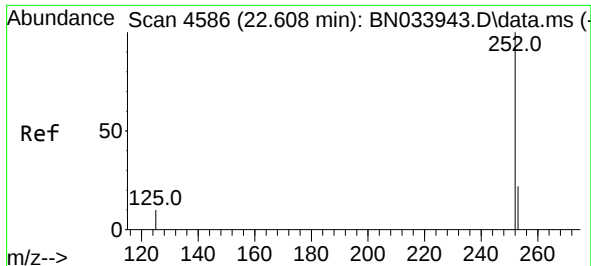
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Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.130 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

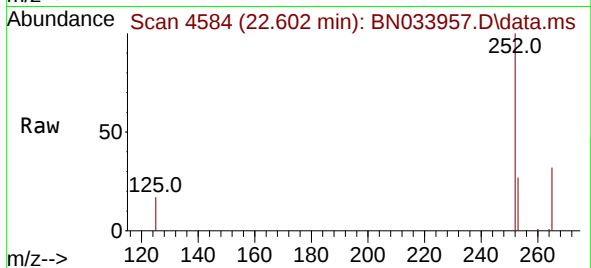
Tgt Ion:228 Resp: 15587
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.4 15.6 23.4



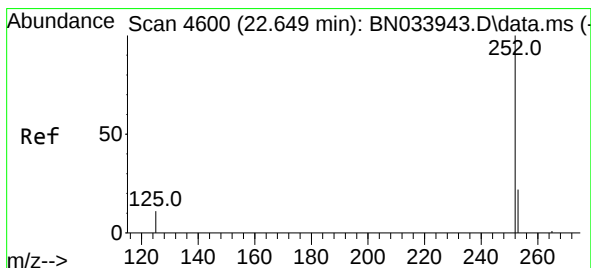
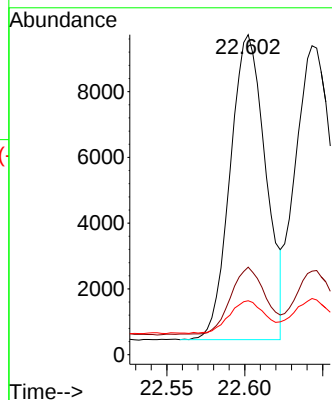


#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 22.602 min Scan# 4584
Delta R.T. -0.006 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Instrument :
BNA_N
ClientSampleId :
SLCS312

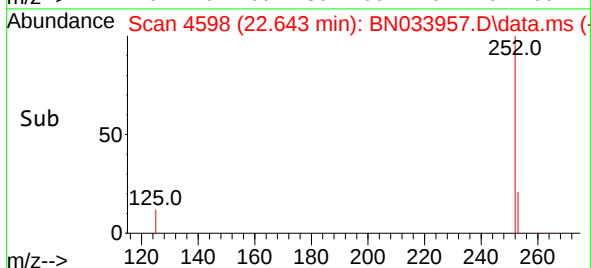
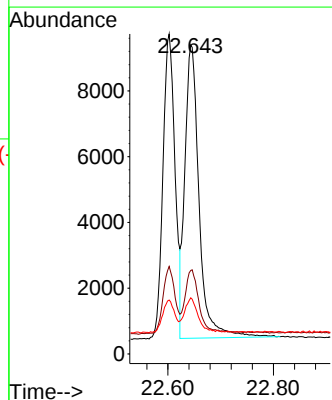
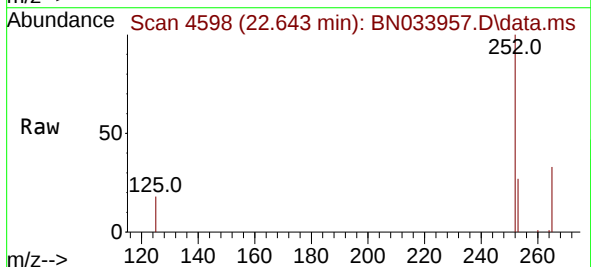


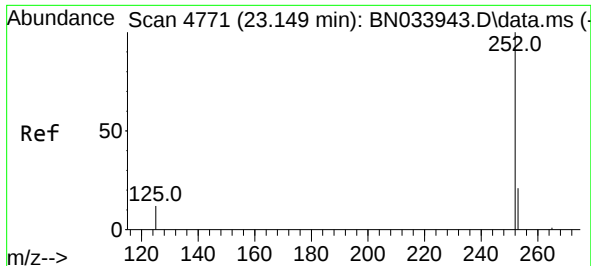
Tgt Ion:252 Resp: 14738
Ion Ratio Lower Upper
252 100
253 27.4 0.0 52.8
125 16.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.643 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Tgt Ion:252 Resp: 16675
Ion Ratio Lower Upper
252 100
253 27.0 21.4 32.0
125 18.2 15.1 22.7

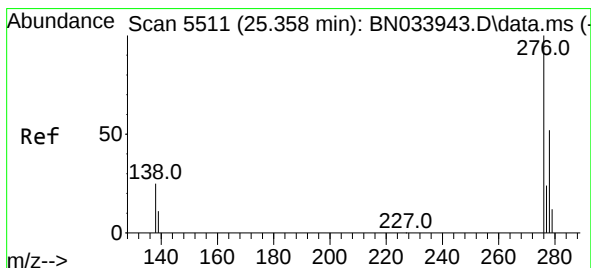
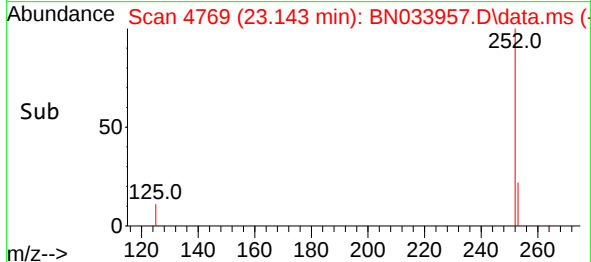
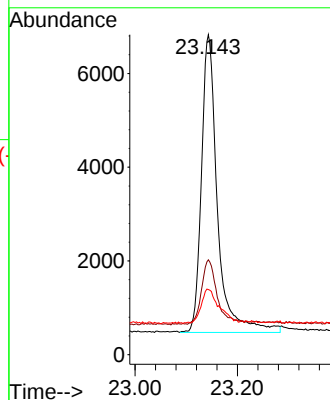
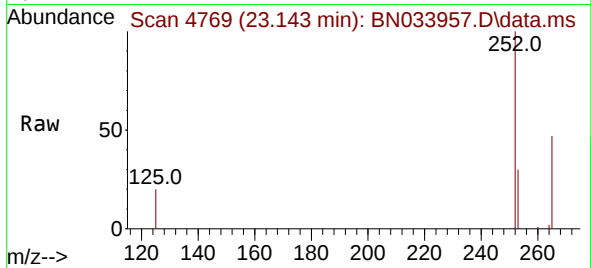




#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.143 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

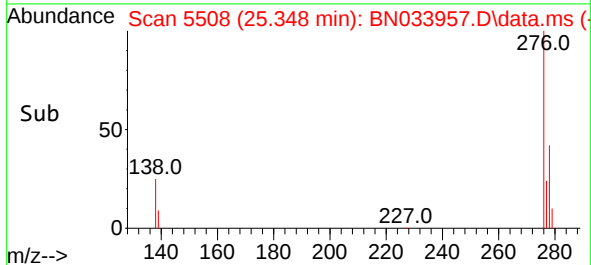
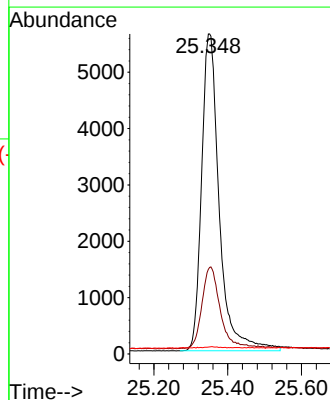
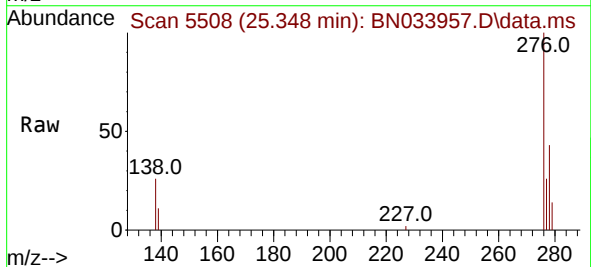
Instrument :
BNA_N
ClientSampleId :
SLCS312

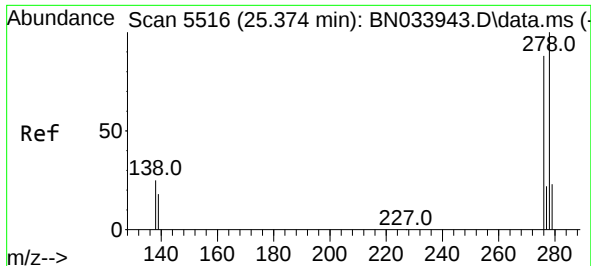
Tgt Ion:252 Resp: 13789
Ion Ratio Lower Upper
252 100
253 29.7 22.8 34.2
125 20.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.348 min Scan# 5508
Delta R.T. -0.014 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Tgt Ion:276 Resp: 18700
Ion Ratio Lower Upper
276 100
138 27.1 22.3 33.5
227 0.3 0.2 0.4

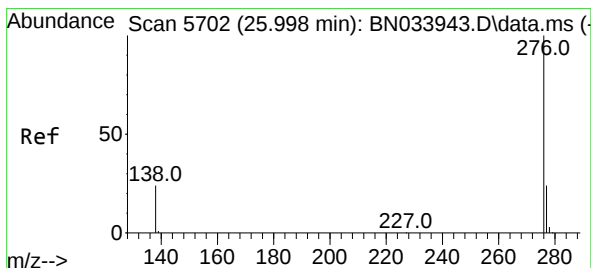
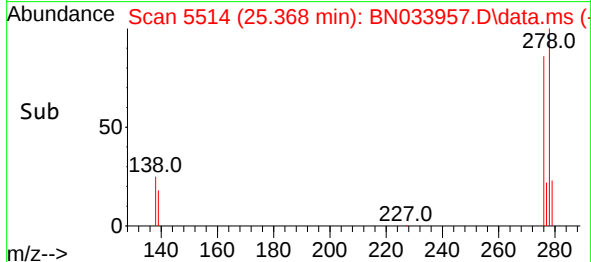
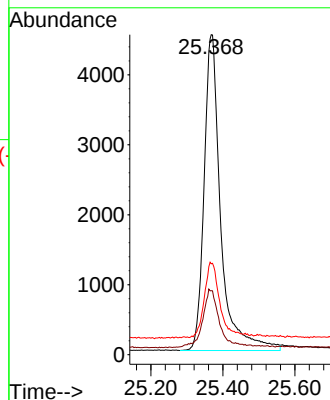
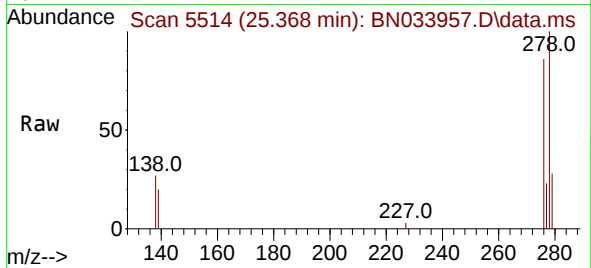




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 25.368 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Instrument :
BNA_N
ClientSampleId :
SLCS312

Tgt Ion:278 Resp: 14460
Ion Ratio Lower Upper
278 100
139 20.0 17.3 25.9
279 28.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 25.992 min Scan# 5700
Delta R.T. -0.010 min
Lab File: BN033957.D
Acq: 15 Sep 2024 18:15

Tgt Ion:276 Resp: 15398
Ion Ratio Lower Upper
276 100
138 24.5 20.8 31.2
277 25.2 20.2 30.4

