

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033942.D
 Acq On : 15 Sep 2024 08:02
 Operator : JU/RC
 Sample : PB163350BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS350

Quant Time: Sep 16 00:12:25 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

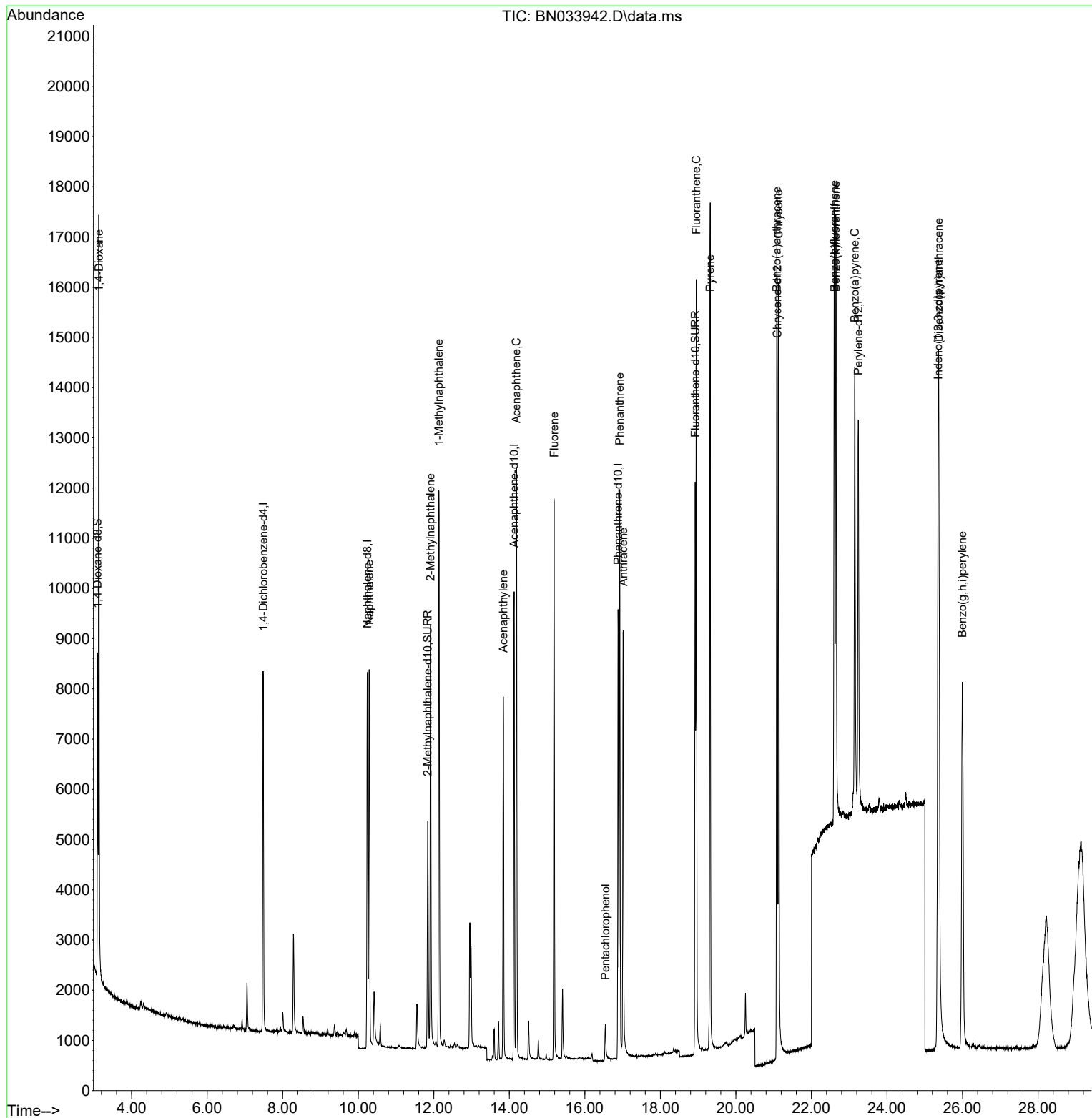
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3664	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	10131	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.128	164	5180	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.881	188	10838	0.400	ng/ul	0.00
17) Chrysene-d12	21.098	240	9449	0.400	ng/ul	0.00
23) Perylene-d12	23.240	264	10404	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3586	0.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	6460	0.444	ng/ul	0.00
18) Fluoranthene-d10	18.925	212	13224	0.469	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	8726	2.088	ng/ul#	81
5) Naphthalene	10.288	128	10233	0.378	ng/ul	99
7) 2-Methylnaphthalene	11.916	142	6449	0.376	ng/ul	100
8) 1-Methylnaphthalene	12.136	142	7707	0.437	ng/ul	99
10) Acenaphthylene	13.841	152	8322	0.354	ng/ul	99
11) Acenaphthene	14.188	153	6836	0.403	ng/ul	99
12) Fluorene	15.188	166	7362	0.388	ng/ul	99
14) Pentachlorophenol	16.543	266	705	0.207	ng/ul	98
15) Phenanthrene	16.923	178	11665	0.365	ng/ul	99
16) Anthracene	17.016	178	10246	0.357	ng/ul	99
19) Fluoranthene	18.952	202	13730	0.368	ng/ul	99
20) Pyrene	19.320	202	14409	0.364	ng/ul	98
21) Benzo(a)anthracene	21.083	228	12963	0.348	ng/ul	99
22) Chrysene	21.133	228	14630	0.389	ng/ul	99
24) Benzo(b)fluoranthene	22.605	252	14726	0.365	ng/ul	98
25) Benzo(k)fluoranthene	22.646	252	15595	0.386	ng/ul	99
26) Benzo(a)pyrene	23.146	252	13283	0.410	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.354	276	18211	0.374	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.371	278	14113	0.373	ng/ul	97
29) Benzo(g,h,i)perylene	25.998	276	14791	0.389	ng/ul	99

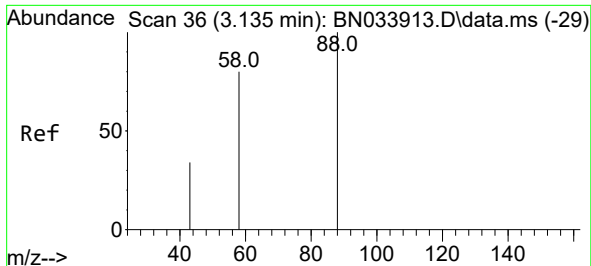
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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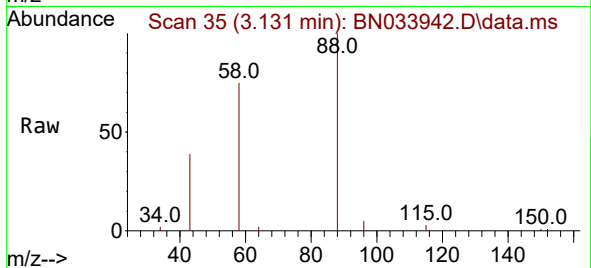
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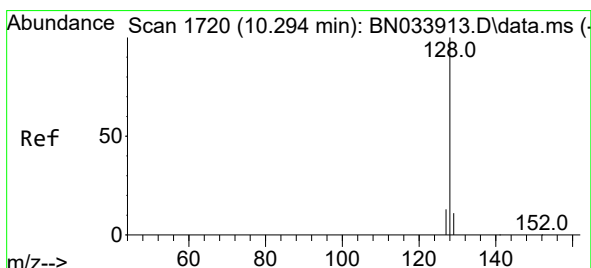
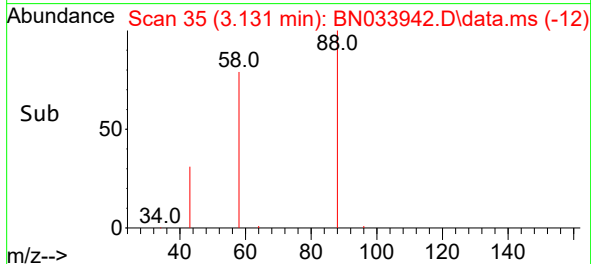
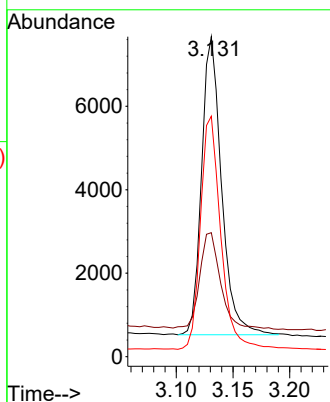


#2
1,4-Dioxane
Concen: 2.088 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Instrument :
BNA_N
ClientSampleId :
SLCS350

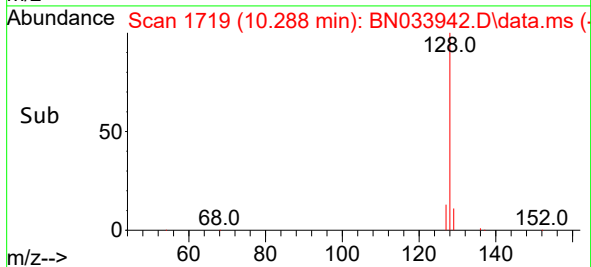
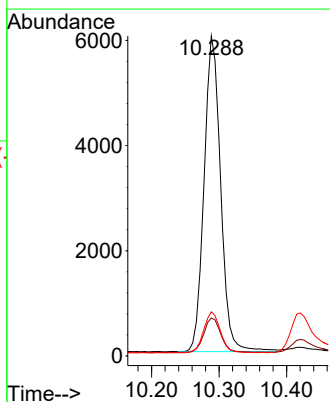
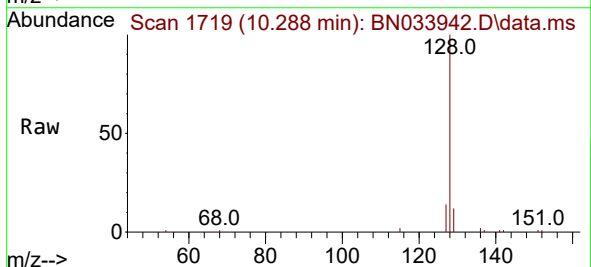


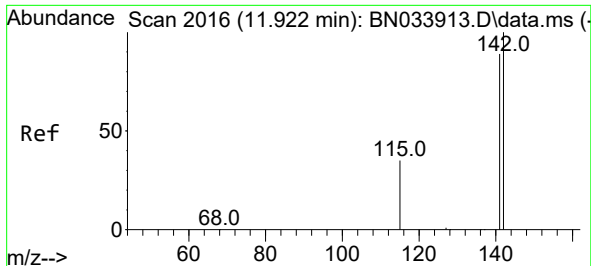
Tgt Ion: 88 Resp: 8726
Ion Ratio Lower Upper
88 100
43 38.8 47.0 70.4#
58 75.2 53.0 79.4



#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:128 Resp: 10233
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.8 10.8 16.2

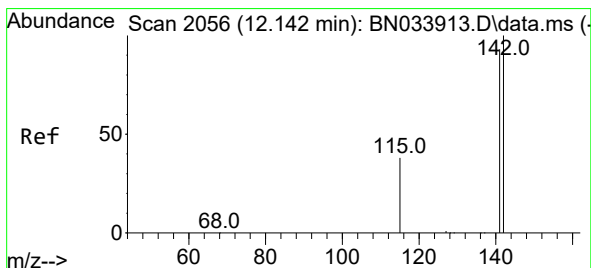
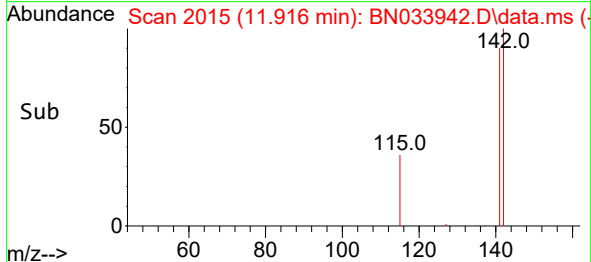
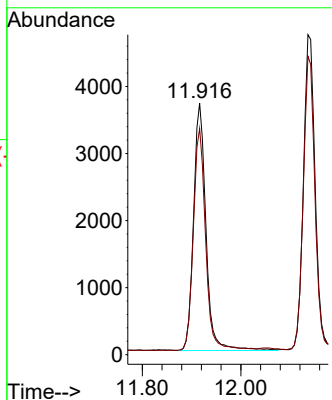
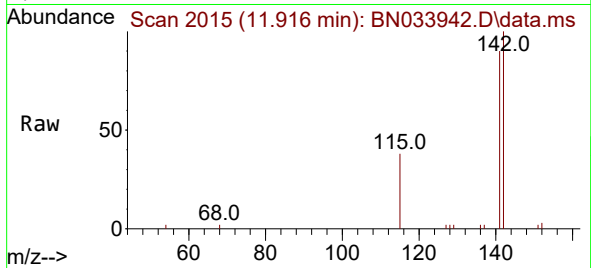




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 11.916 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

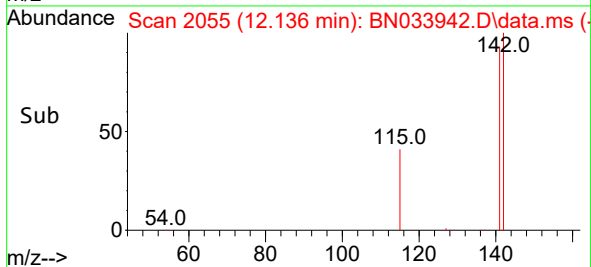
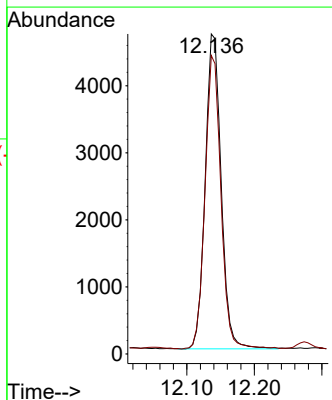
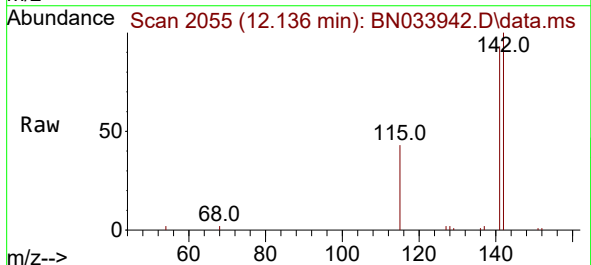
Instrument :
BNA_N
ClientSampleId :
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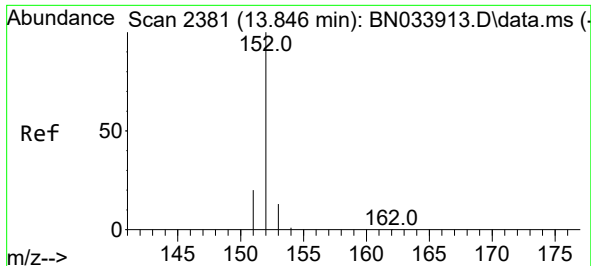
Tgt Ion:142 Resp: 6449
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:142 Resp: 7707
Ion Ratio Lower Upper
142 100
141 93.4 73.6 110.4

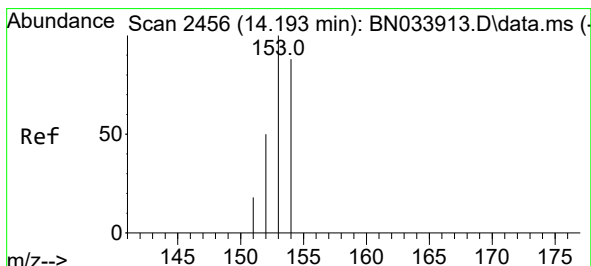
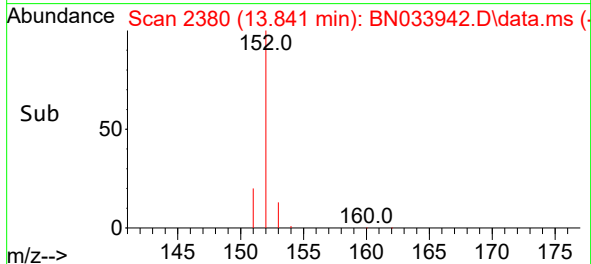
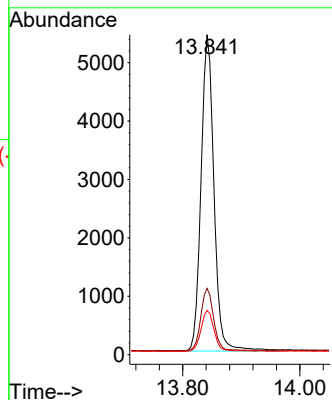
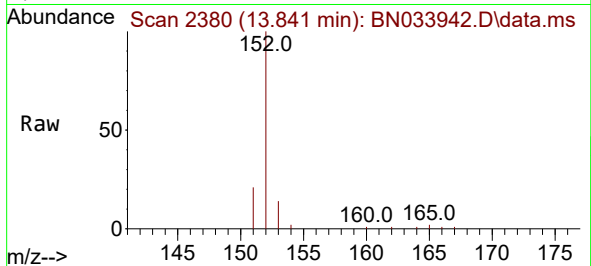




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 13.841 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

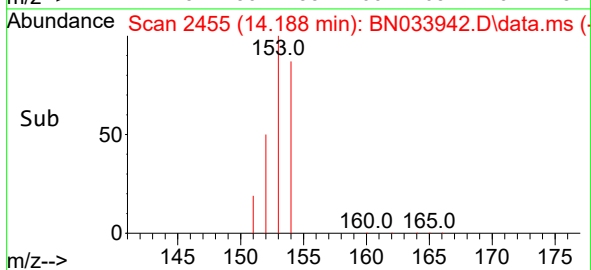
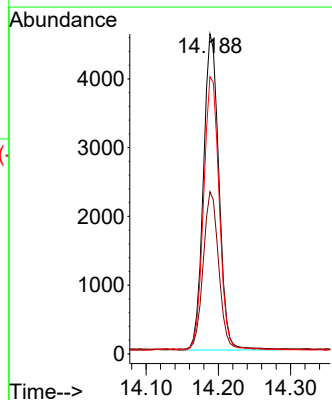
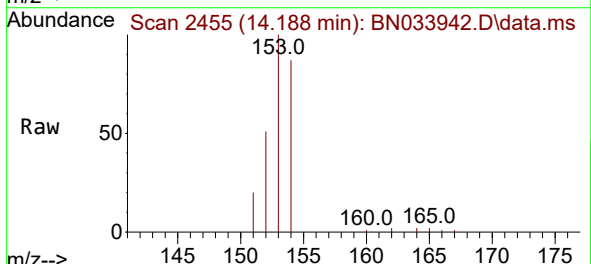
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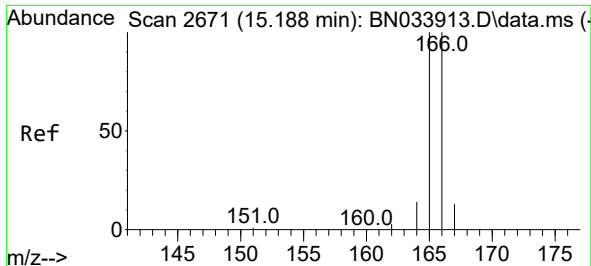
Tgt Ion:152 Resp: 8322
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:153 Resp: 6836
Ion Ratio Lower Upper
153 100
152 50.7 39.8 59.8
154 86.7 69.0 103.6

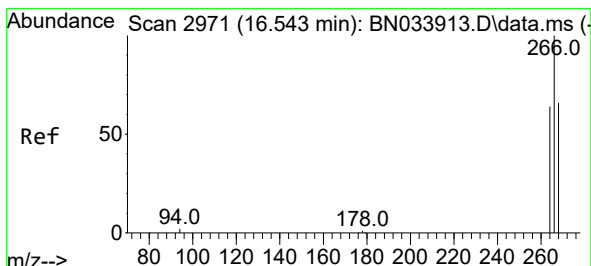
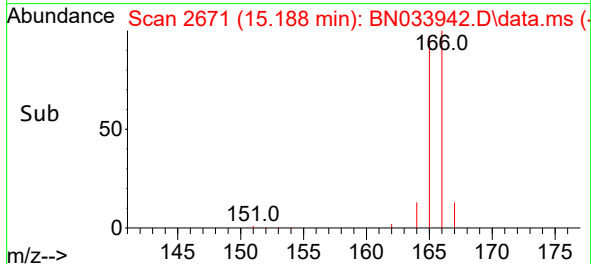
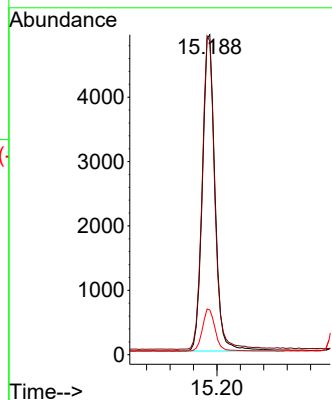
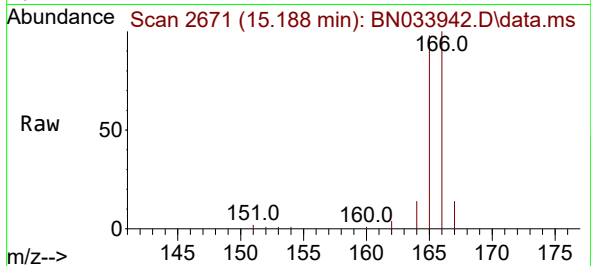




#12
 Fluorene
 Concen: 0.388 ng/ul
 RT: 15.188 min Scan# 2671
 Delta R.T. 0.000 min
 Lab File: BN033942.D
 Acq: 15 Sep 2024 08:02

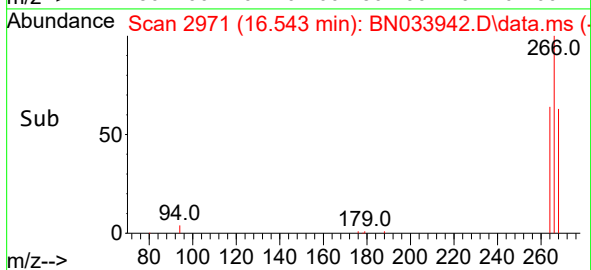
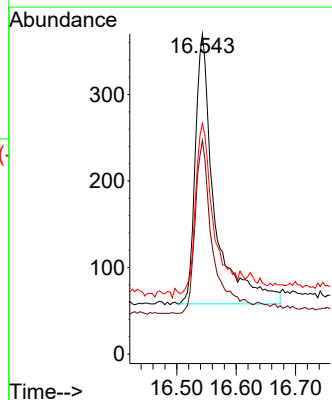
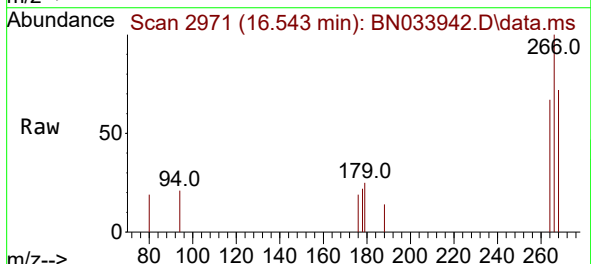
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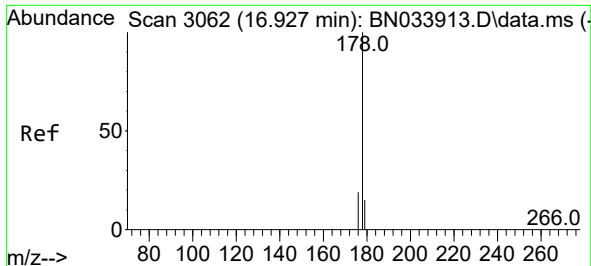
Tgt Ion:166 Resp: 7362
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.1 118.7
 167 14.0 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.207 ng/ul
 RT: 16.543 min Scan# 2971
 Delta R.T. 0.000 min
 Lab File: BN033942.D
 Acq: 15 Sep 2024 08:02

Tgt Ion:266 Resp: 705
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.3 75.5
 268 67.4 51.7 77.5

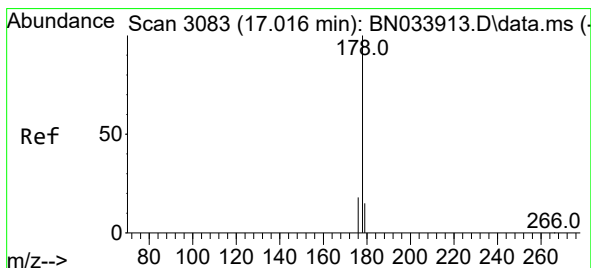
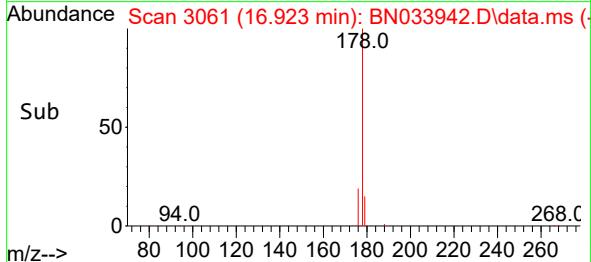
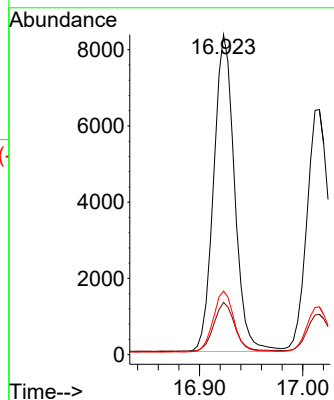
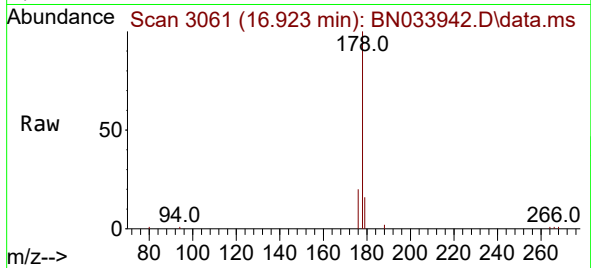




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 16.923 min Scan# 3061
Delta R.T. -0.004 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

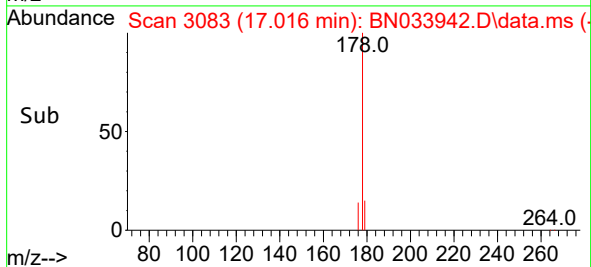
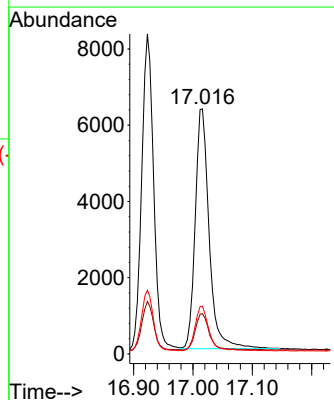
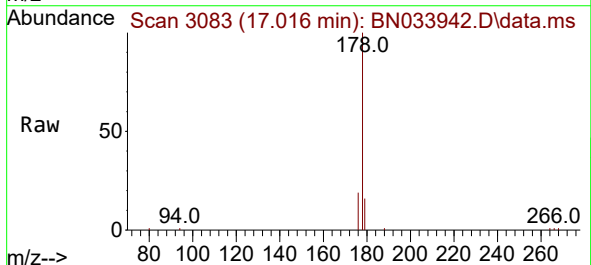
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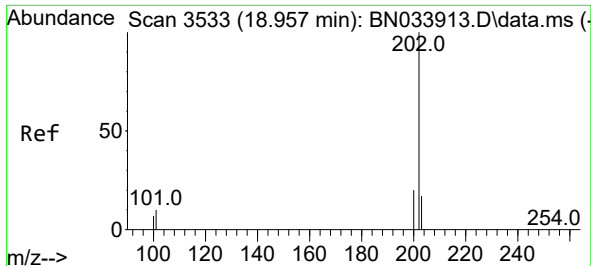
Tgt Ion:178 Resp: 11665
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.016 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:178 Resp: 10246
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.5 15.2 22.8

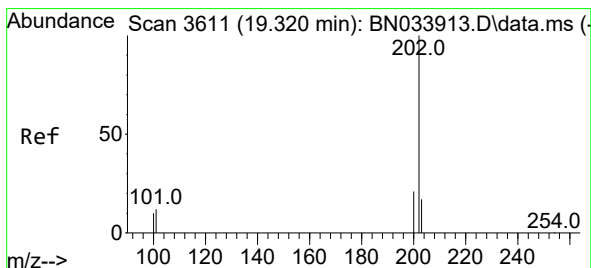
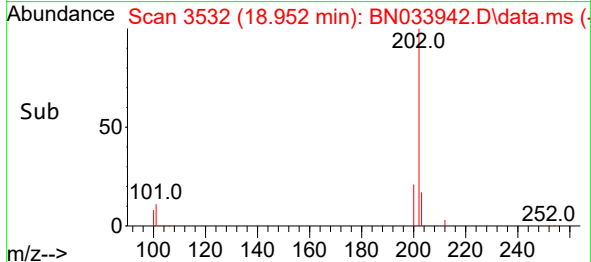
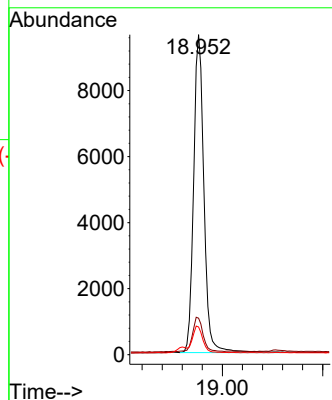
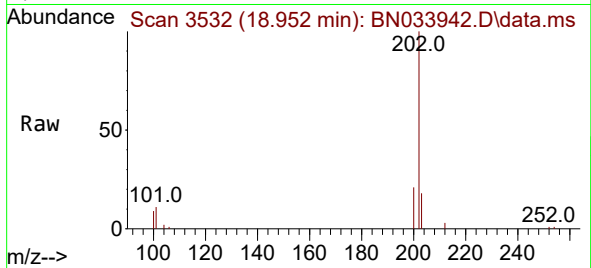




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 18.952 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

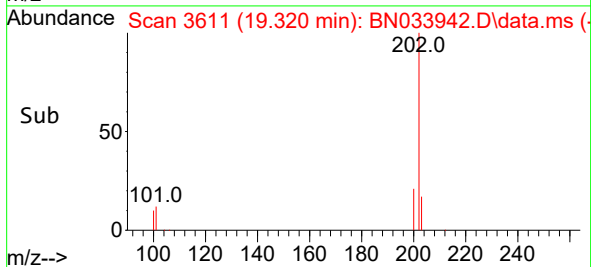
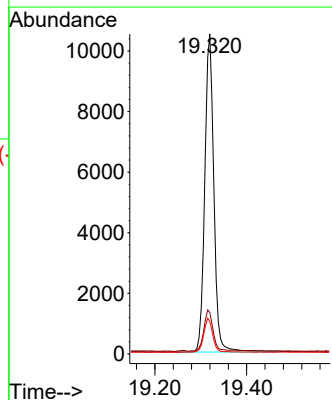
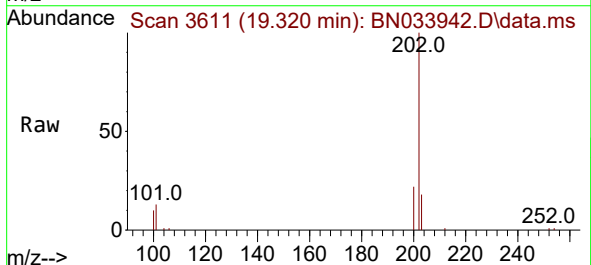
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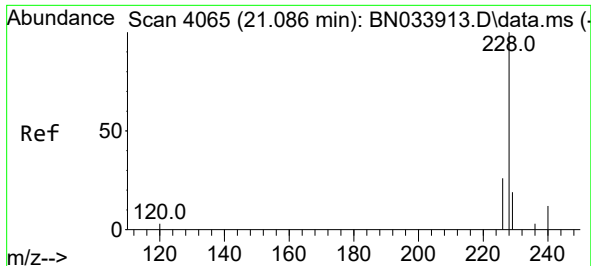
Tgt Ion:202 Resp: 13730
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.4
100 8.6 6.7 10.1



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.320 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:202 Resp: 14409
Ion Ratio Lower Upper
202 100
101 12.9 10.8 16.2
100 10.2 8.7 13.1

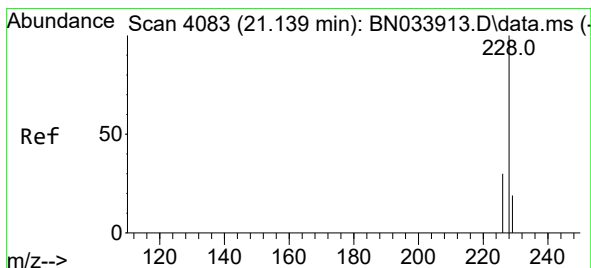
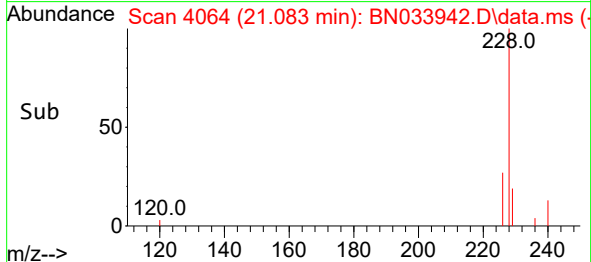
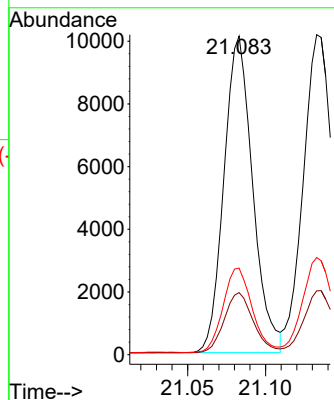
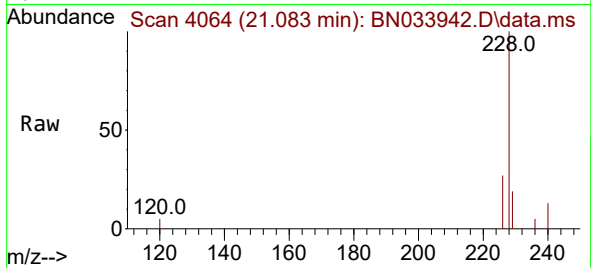




#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.083 min Scan# 4064
Delta R.T. -0.003 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

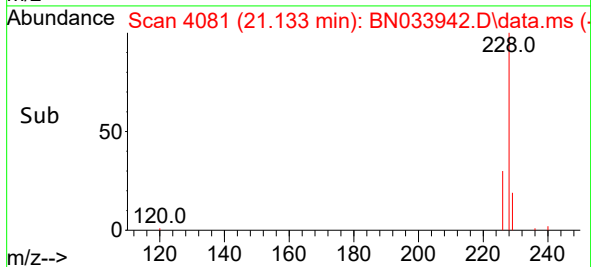
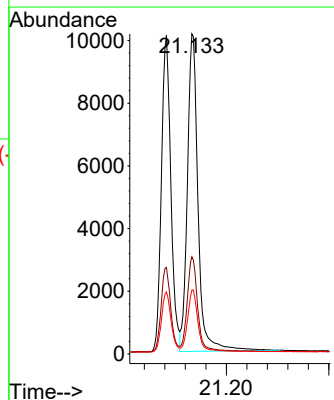
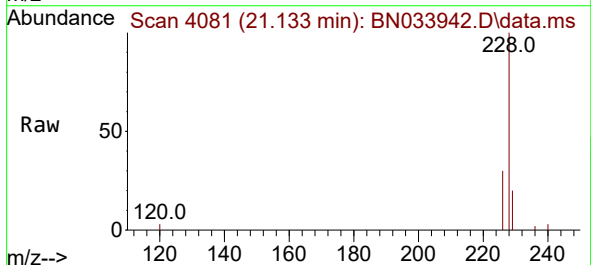
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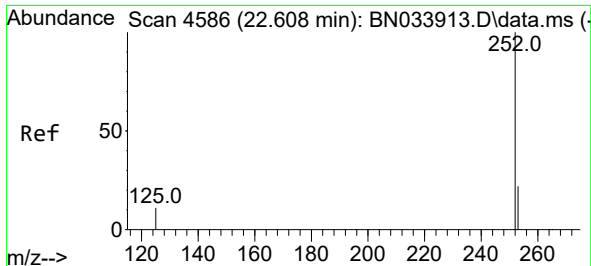
Tgt Ion:228 Resp: 12963
Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.2
226 27.2 22.1 33.1



#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.133 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

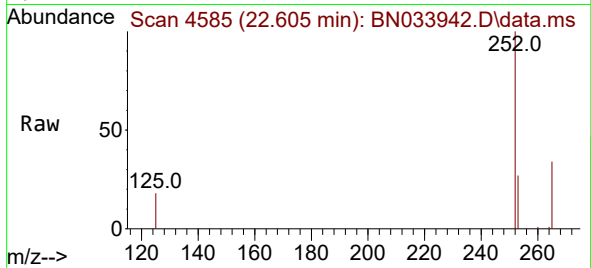
Tgt Ion:228 Resp: 14630
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.9 15.6 23.4



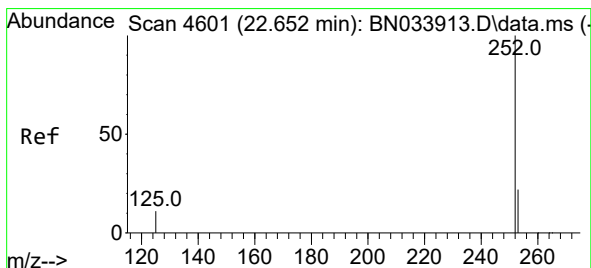
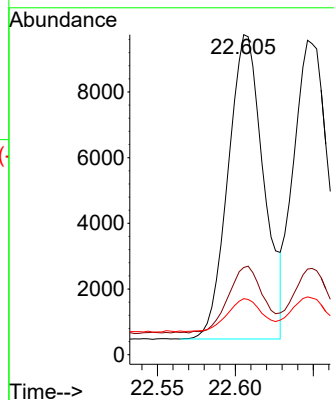


#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.605 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Instrument :
BNA_N
ClientSampleId :
SLCS350

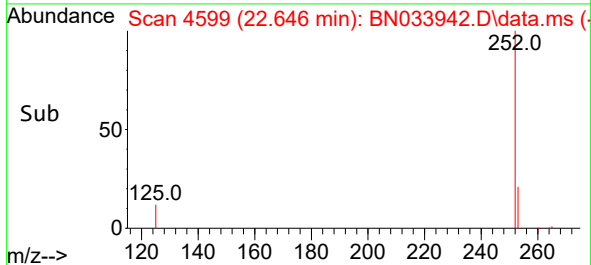
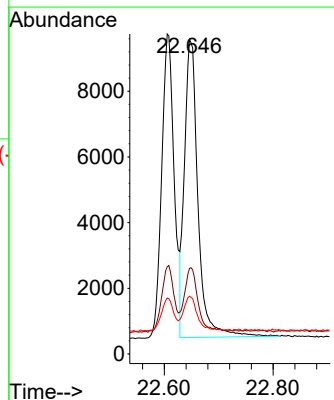
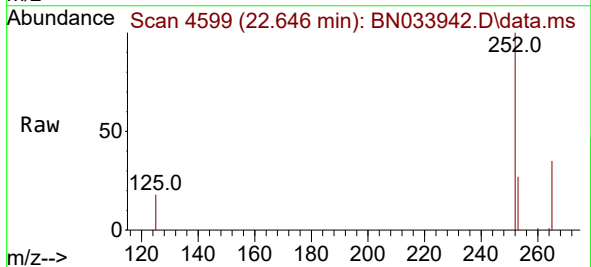


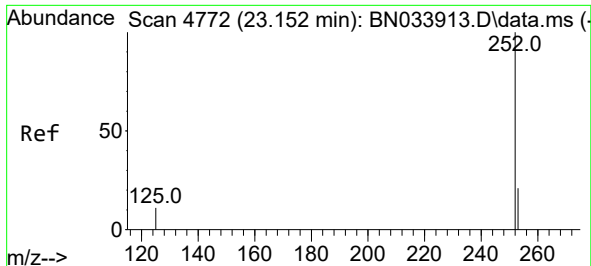
Tgt Ion:252 Resp: 14726
Ion Ratio Lower Upper
252 100
253 27.2 0.0 52.8
125 17.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 22.646 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:252 Resp: 15595
Ion Ratio Lower Upper
252 100
253 27.2 21.4 32.0
125 18.4 15.1 22.7

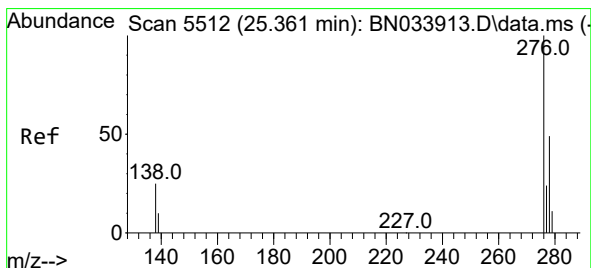
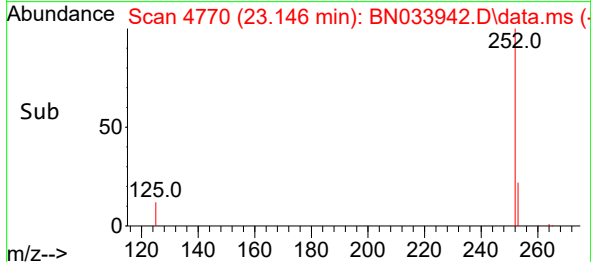
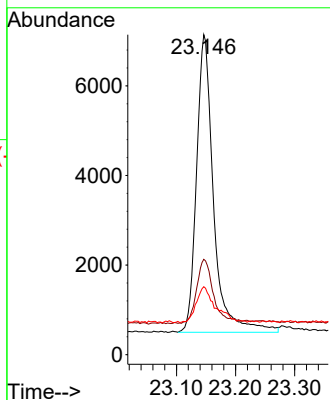
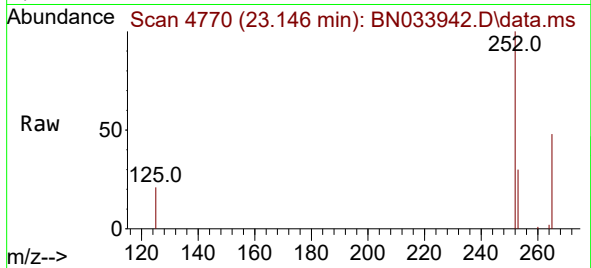




#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.146 min Scan# 4770
Delta R.T. -0.006 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

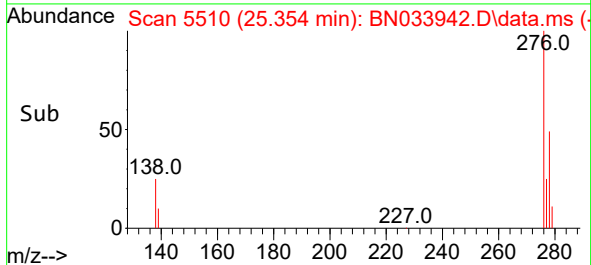
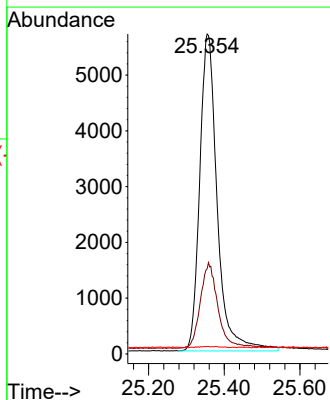
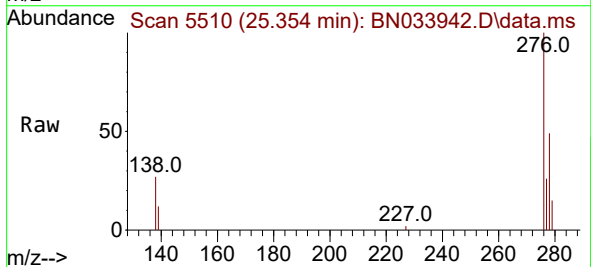
Instrument :
BNA_N
ClientSampleId :
SLCS350

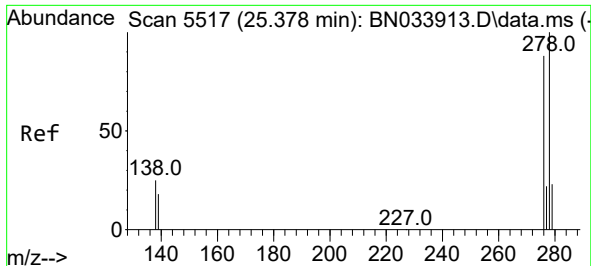
Tgt Ion:252 Resp: 13283
Ion Ratio Lower Upper
252 100
253 29.8 22.8 34.2
125 21.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 25.354 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:276 Resp: 18211
Ion Ratio Lower Upper
276 100
138 27.4 22.3 33.5
227 0.5 0.2 0.4#

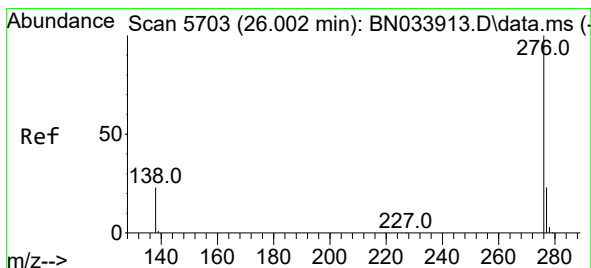
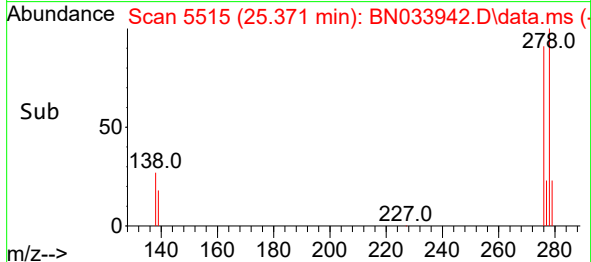
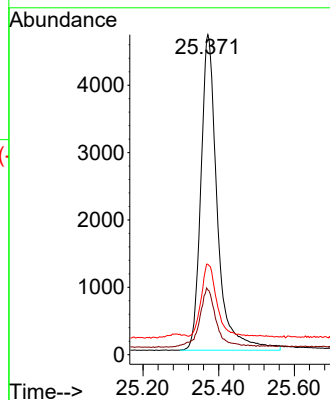
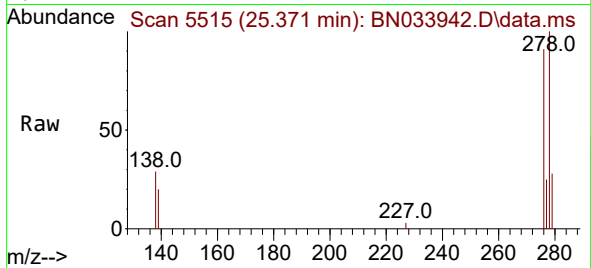




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 25.371 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Instrument :
BNA_N
ClientSampleId :
SLCS350

Tgt Ion:278 Resp: 14113
Ion Ratio Lower Upper
278 100
139 20.3 17.3 25.9
279 28.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 25.998 min Scan# 5702
Delta R.T. -0.003 min
Lab File: BN033942.D
Acq: 15 Sep 2024 08:02

Tgt Ion:276 Resp: 14791
Ion Ratio Lower Upper
276 100
138 25.4 20.8 31.2
277 24.9 20.2 30.4

