

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035575.D
 Acq On : 11 Dec 2024 20:18
 Operator : RC/JU
 Sample : PB165517BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS517

Quant Time: Dec 11 22:10:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

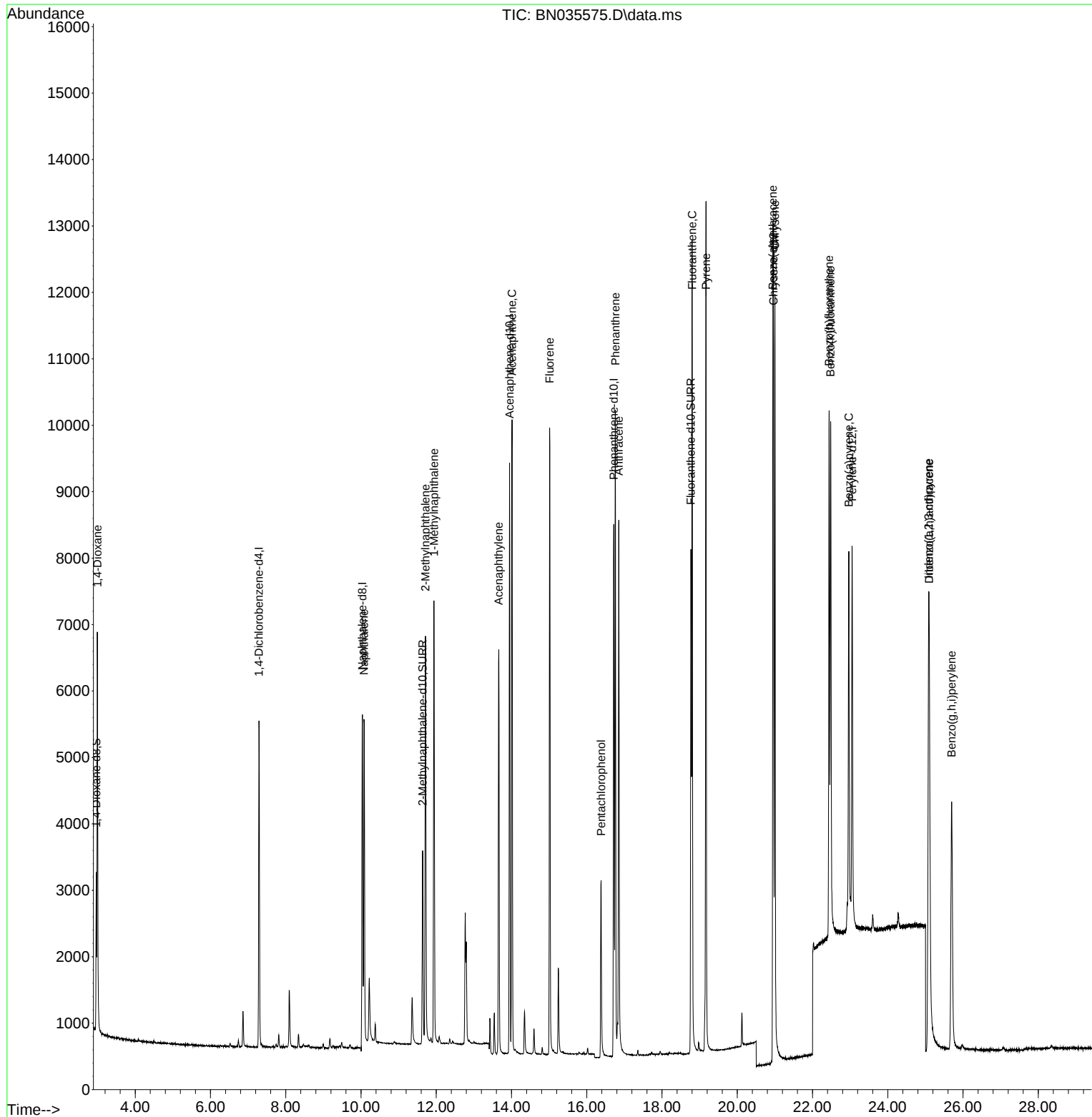
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.289	152	2446	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	6982	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4752	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	10037	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	7524	0.400	ng/ul	0.00
23) Perylene-d12	23.051	264	7293	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1630	0.729	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	4177	0.408	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	9203	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	4453	1.835	ng/ul	93
5) Naphthalene	10.081	128	6656	0.378	ng/ul	100
7) 2-Methylnaphthalene	11.714	142	4562	0.374	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	4659	0.378	ng/ul	98
10) Acenaphthylene	13.662	152	7031	0.373	ng/ul	99
11) Acenaphthene	14.014	153	5439	0.377	ng/ul	98
12) Fluorene	15.013	166	6176	0.365	ng/ul	99
14) Pentachlorophenol	16.380	266	1946	0.832	ng/ul	98
15) Phenanthrene	16.760	178	10040	0.378	ng/ul	100
16) Anthracene	16.852	178	9019	0.366	ng/ul	100
19) Fluoranthene	18.800	202	10858	0.414	ng/ul	98
20) Pyrene	19.167	202	11374	0.417	ng/ul	96
21) Benzo(a)anthracene	20.947	228	9975	0.382	ng/ul	99
22) Chrysene	20.999	228	10507	0.400	ng/ul	100
24) Benzo(b)fluoranthene	22.440	252	9379	0.389	ng/ul	98
25) Benzo(k)fluoranthene	22.481	252	10456	0.421	ng/ul	97
26) Benzo(a)pyrene	22.963	252	8533	0.387	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.084	276	10031	0.337	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.101	278	8001	0.343	ng/ul#	97
29) Benzo(g,h,i)perylene	25.698	276	7914	0.337	ng/ul	97

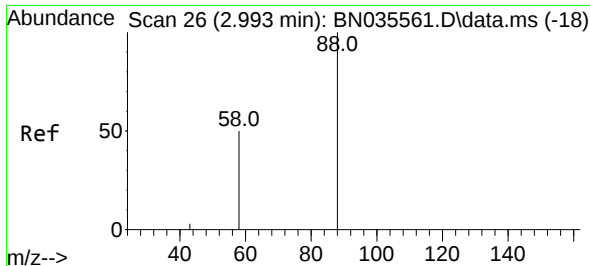
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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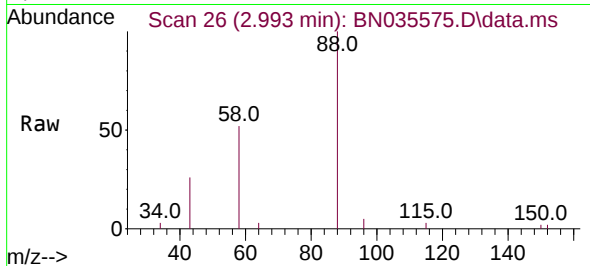
Quant Time: Dec 11 22:10:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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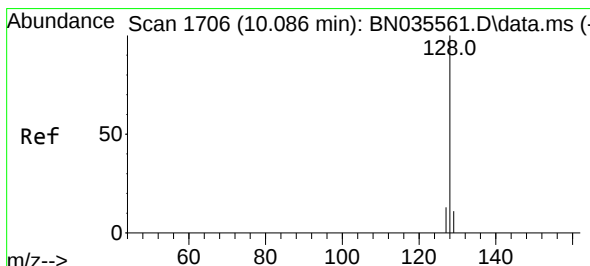
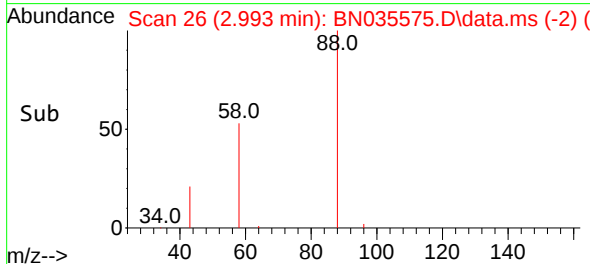
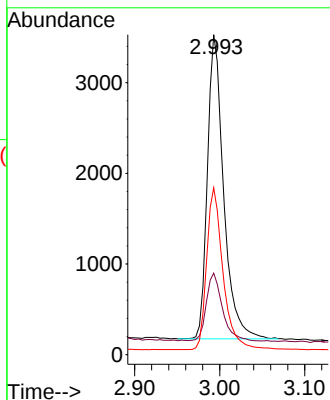
#2
 1,4-Dioxane
 Concen: 1.835 ng/ul
 RT: 2.993 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN035575.D
 Acq: 11 Dec 2024 20:18

Instrument :
 BNA_N
 ClientSampleId :
 SLCS517



Tgt Ion: 88 Resp: 4453

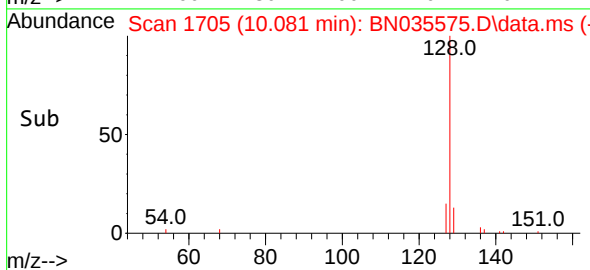
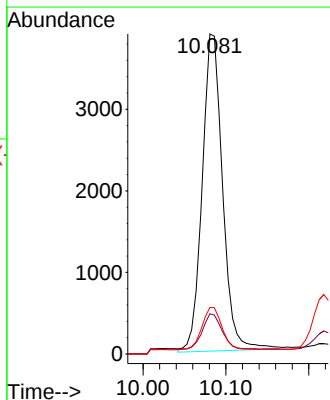
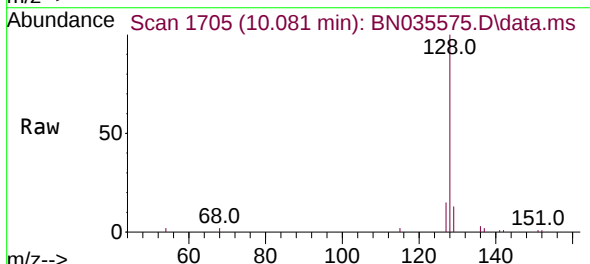
Ion	Ratio	Lower	Upper
88	100		
43	25.5	20.6	31.0
58	52.1	36.2	54.4

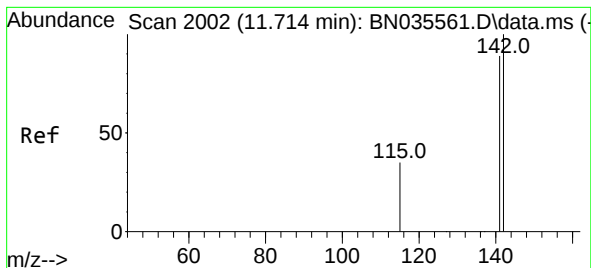


#5
 Naphthalene
 Concen: 0.378 ng/ul
 RT: 10.081 min Scan# 1705
 Delta R.T. -0.005 min
 Lab File: BN035575.D
 Acq: 11 Dec 2024 20:18

Tgt Ion: 128 Resp: 6656

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.9	14.9
127	14.6	11.4	17.2

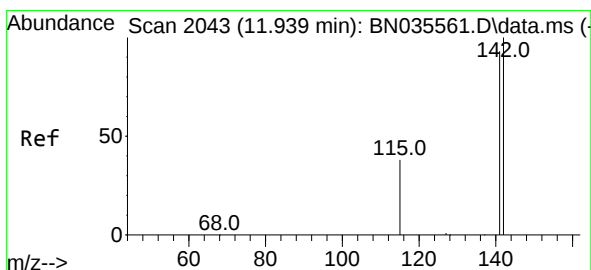
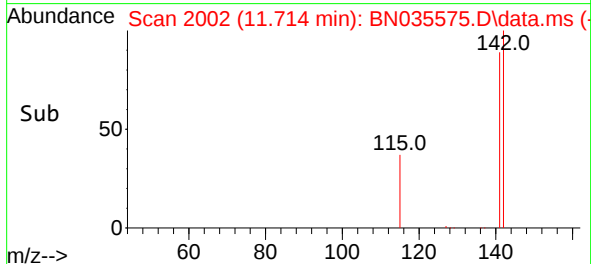
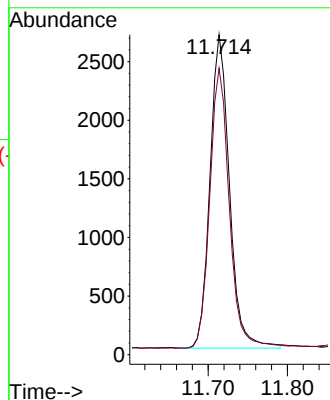
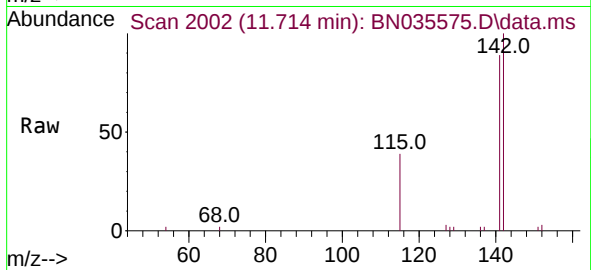




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

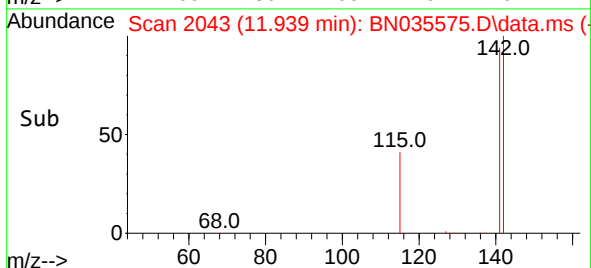
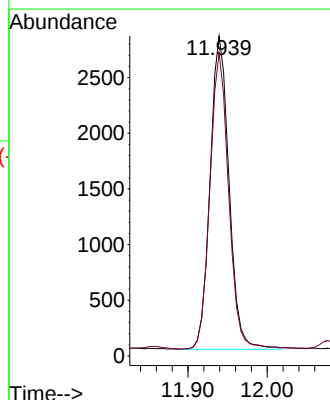
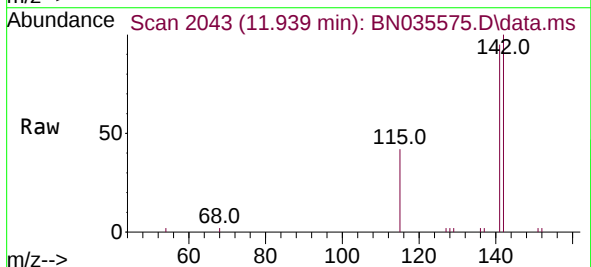
Instrument :
BNA_N
ClientSampleId :
SLCS517

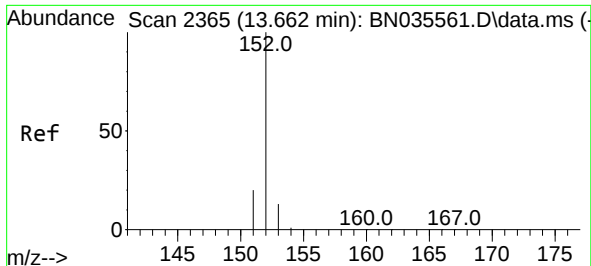
Tgt Ion:142 Resp: 4562
Ion Ratio Lower Upper
142 100
141 89.9 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Tgt Ion:142 Resp: 4659
Ion Ratio Lower Upper
142 100
141 93.7 73.1 109.7

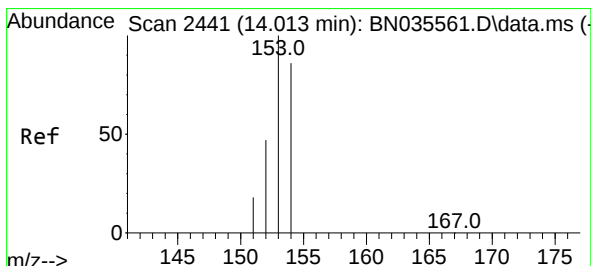
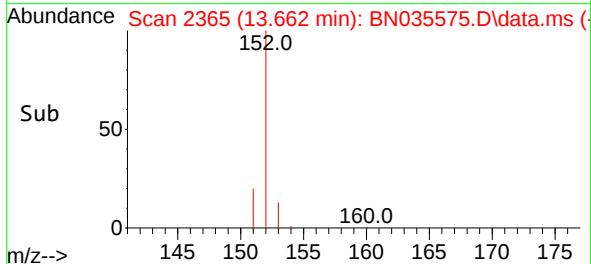
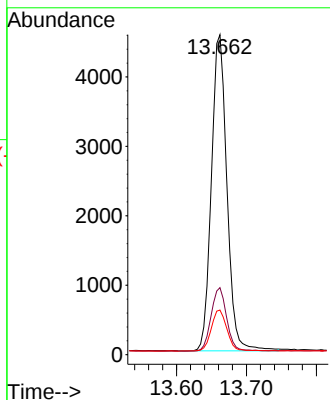
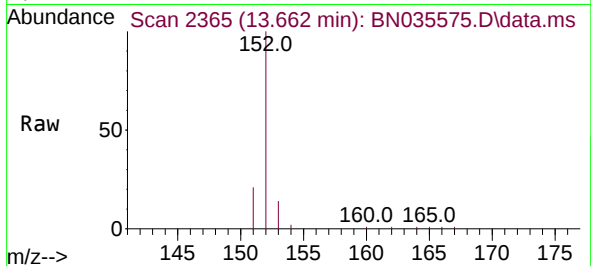




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 13.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

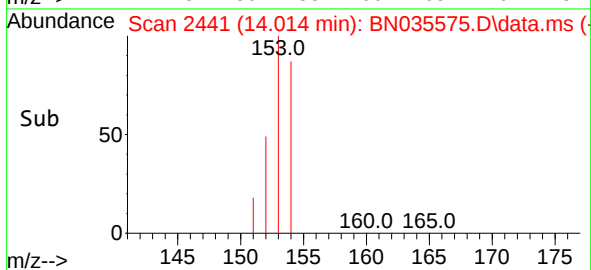
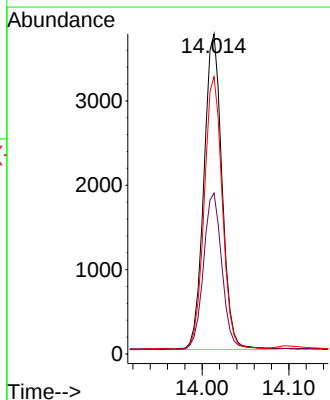
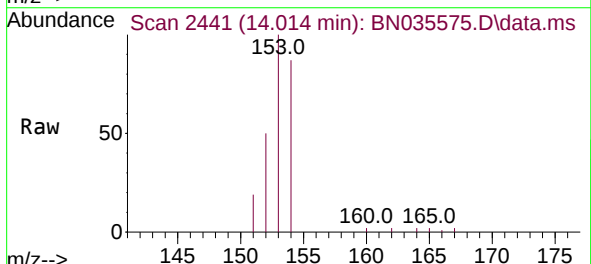
Instrument :
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ClientSampleId :
SLCS517

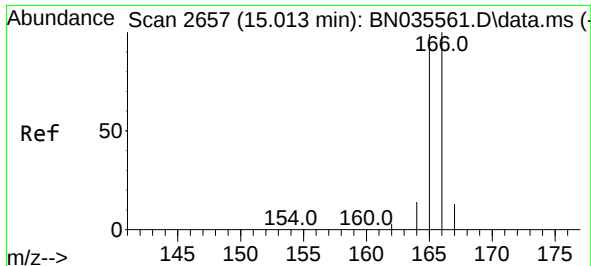
Tgt Ion:152 Resp: 7031
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Tgt Ion:153 Resp: 5439
Ion Ratio Lower Upper
153 100
152 50.2 41.4 62.0
154 86.7 71.2 106.8

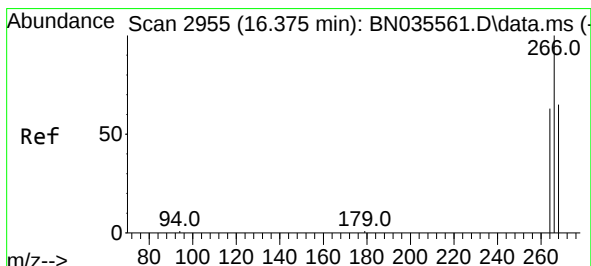
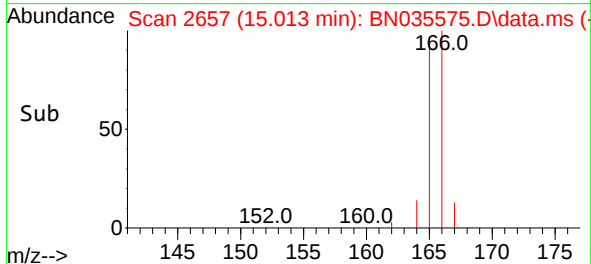
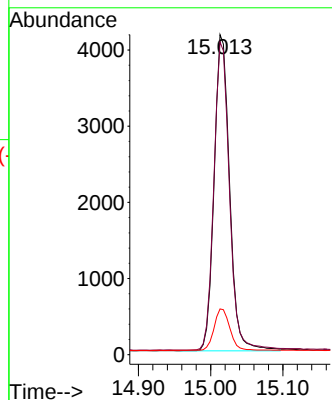
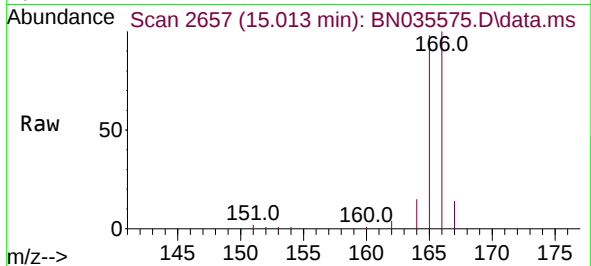




#12
 Fluorene
 Concen: 0.365 ng/ul
 RT: 15.013 min Scan# 2657
 Delta R.T. -0.004 min
 Lab File: BN035575.D
 Acq: 11 Dec 2024 20:18

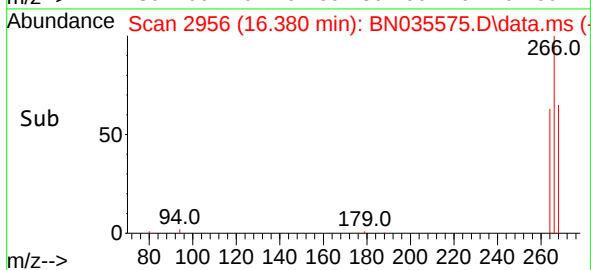
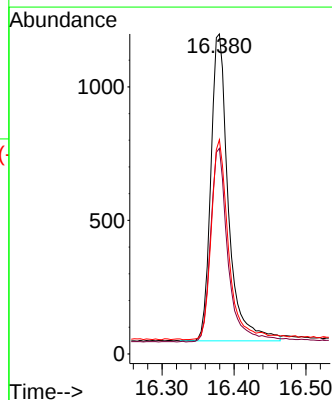
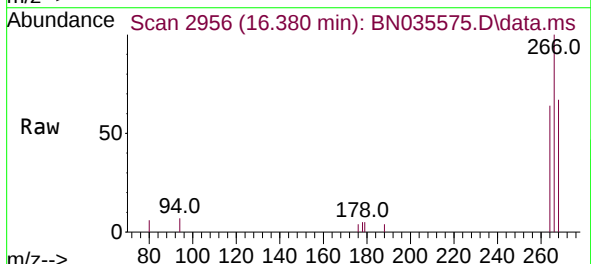
Instrument :
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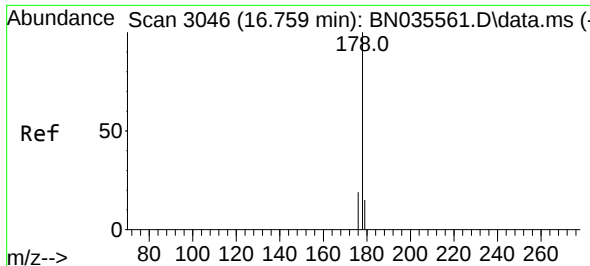
Tgt Ion:166 Resp: 6176
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.6 118.0
 167 14.3 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.832 ng/ul
 RT: 16.380 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035575.D
 Acq: 11 Dec 2024 20:18

Tgt Ion:266 Resp: 1946
 Ion Ratio Lower Upper
 266 100
 264 62.6 51.8 77.6
 268 64.6 51.3 76.9

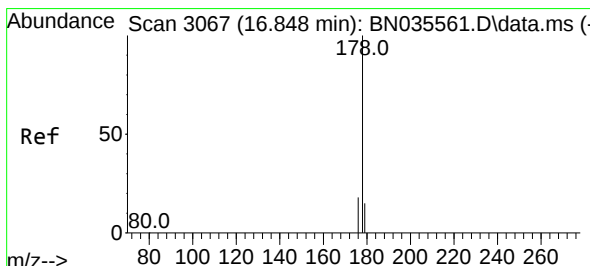
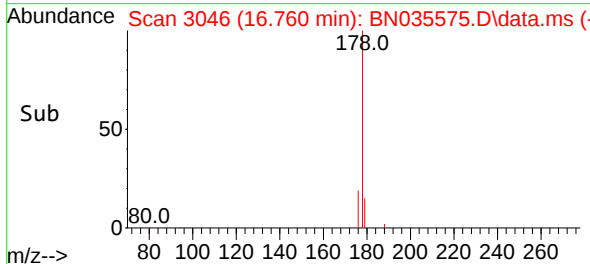
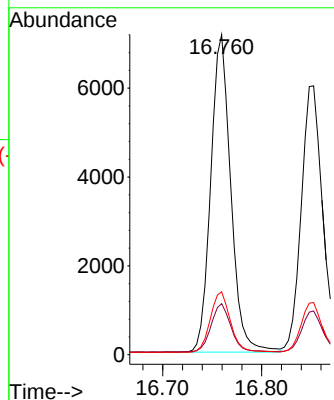
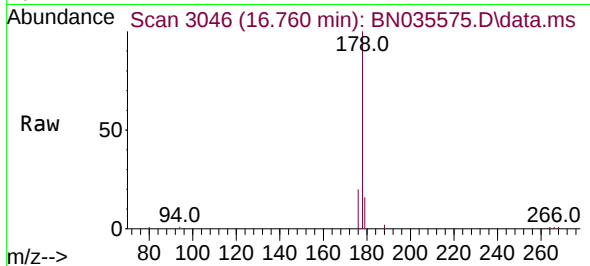




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 16.760 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

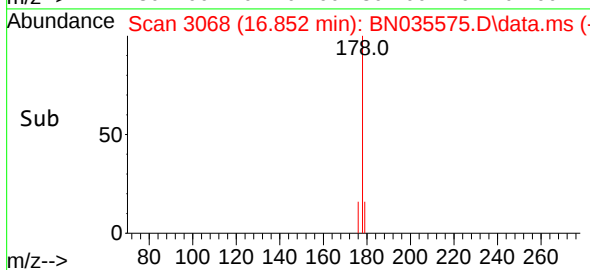
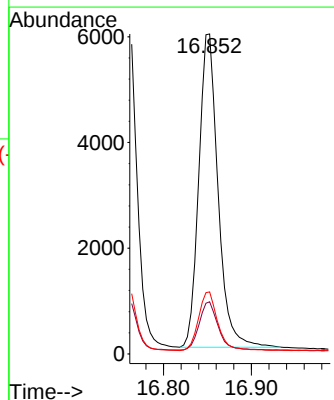
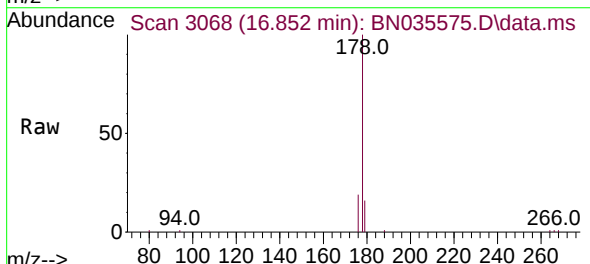
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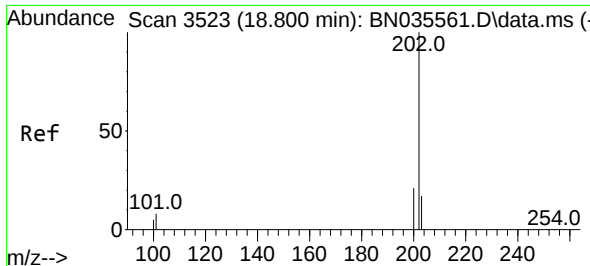
Tgt Ion:178 Resp: 10040
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.366 ng/ul
RT: 16.852 min Scan# 3068
Delta R.T. 0.004 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Tgt Ion:178 Resp: 9019
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.4 15.4 23.2

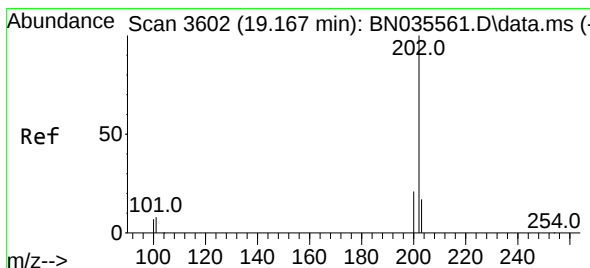
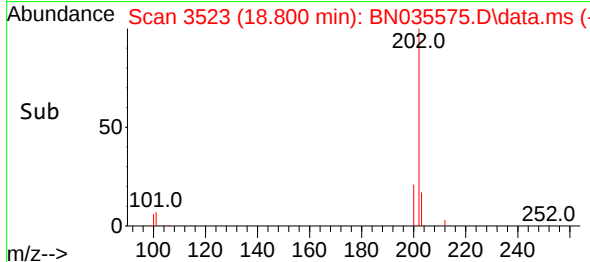
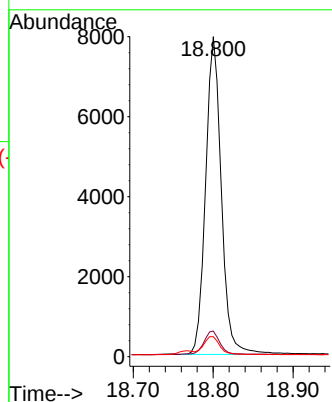
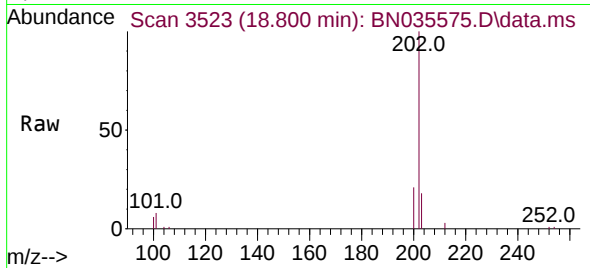




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

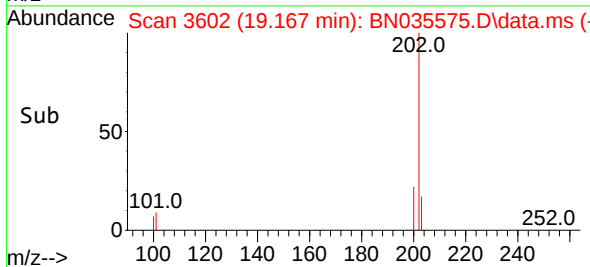
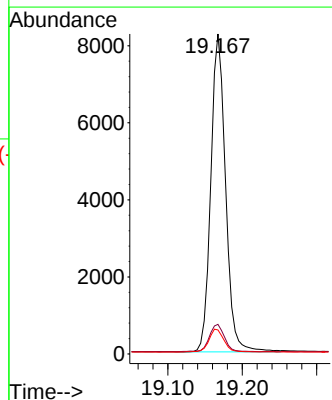
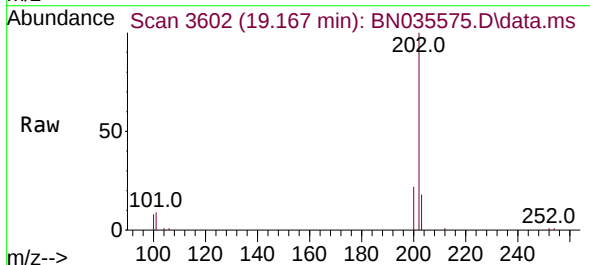
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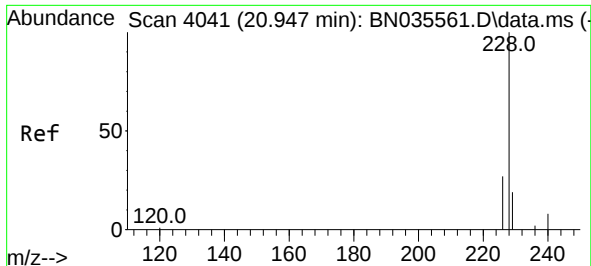
Tgt Ion:202 Resp: 10858
Ion Ratio Lower Upper
202 100
101 8.0 5.8 8.6
100 6.3 4.5 6.7



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Tgt Ion:202 Resp: 11374
Ion Ratio Lower Upper
202 100
101 9.3 6.2 9.4
100 7.5 5.1 7.7



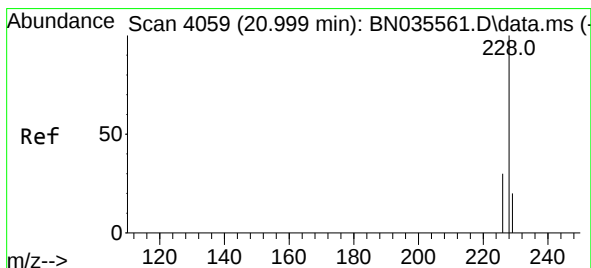
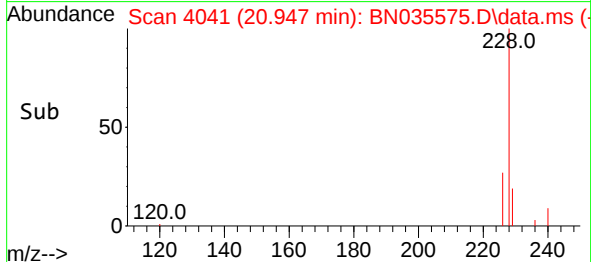
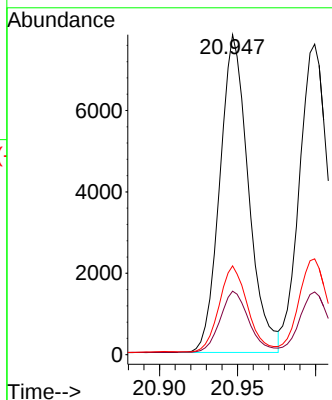
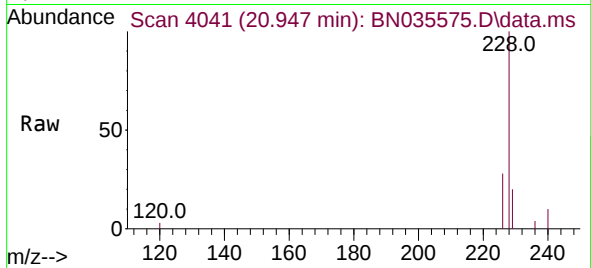


#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Instrument :
BNA_N
ClientSampleId :
SLCS517

Tgt Ion:228 Resp: 9975

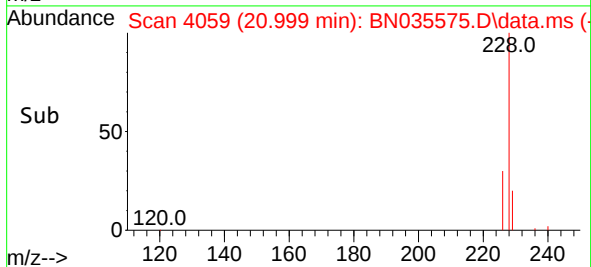
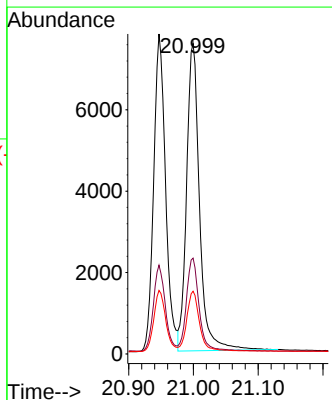
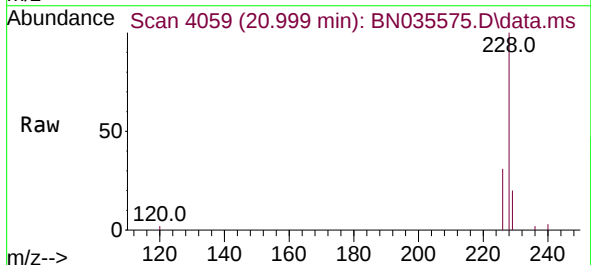
Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.8	21.8	32.8

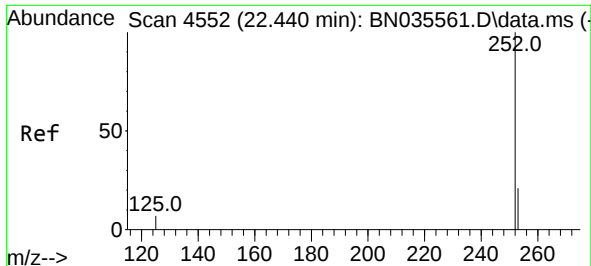


#22
Chrysene
Concen: 0.400 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Tgt Ion:228 Resp: 10507

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	20.2	16.0	24.0

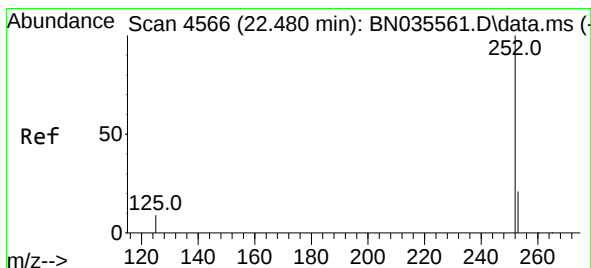
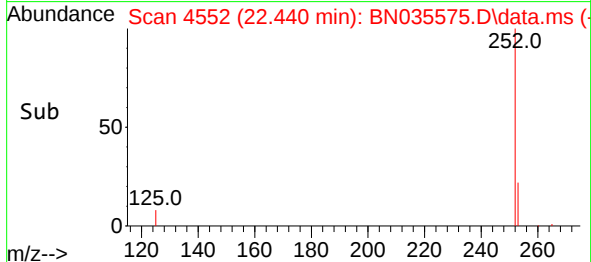
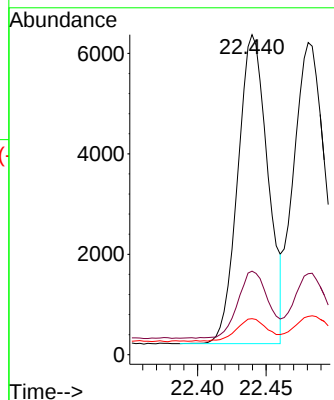
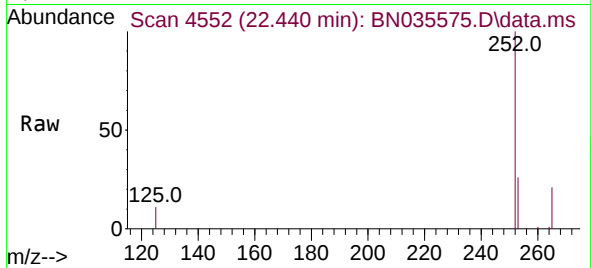




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.440 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

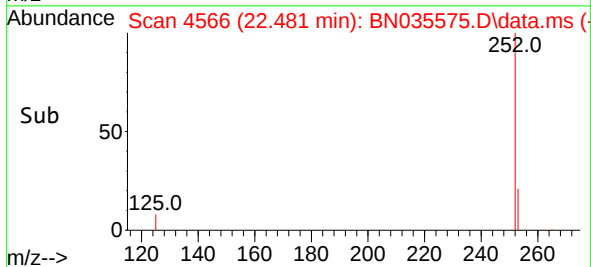
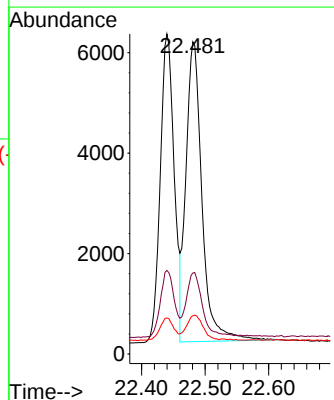
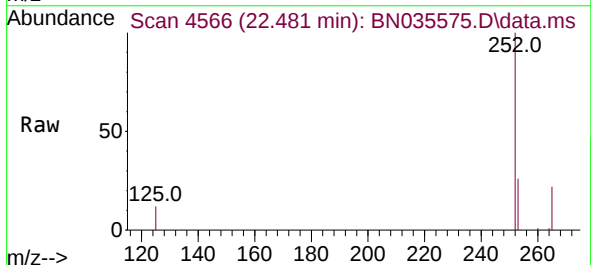
Instrument :
BNA_N
ClientSampleId :
SLCS517

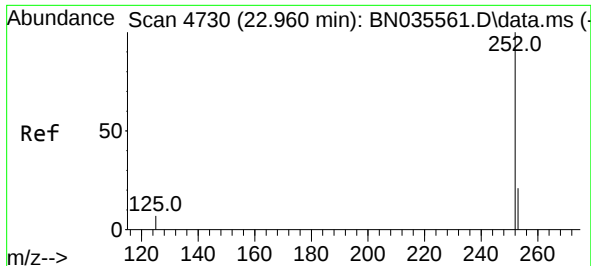
Tgt Ion:252 Resp: 9379
Ion Ratio Lower Upper
252 100
253 26.1 0.0 54.0
125 11.3 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 22.481 min Scan# 4566
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

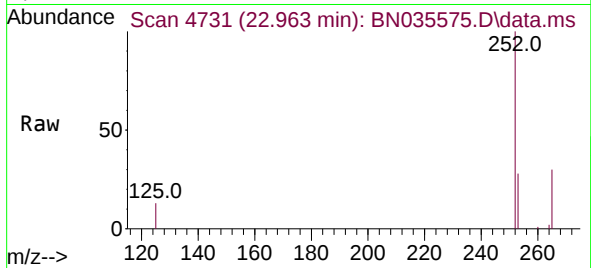
Tgt Ion:252 Resp: 10456
Ion Ratio Lower Upper
252 100
253 26.0 21.8 32.6
125 12.3 8.6 12.8



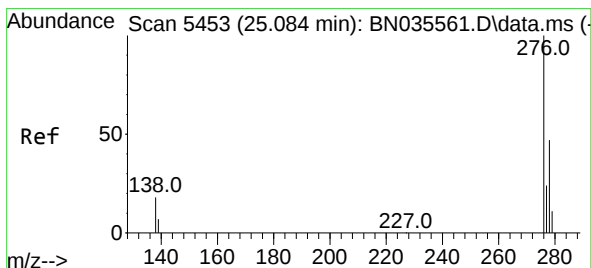
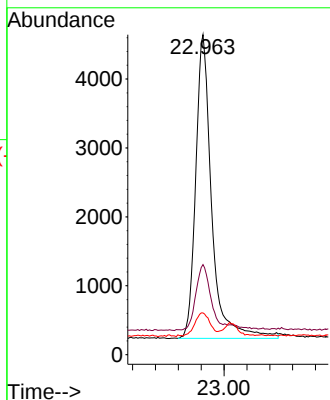
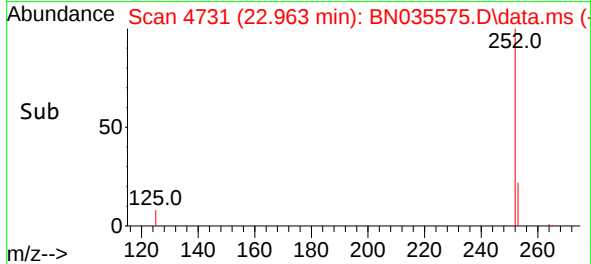


#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 22.963 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Instrument :
BNA_N
ClientSampleId :
SLCS517

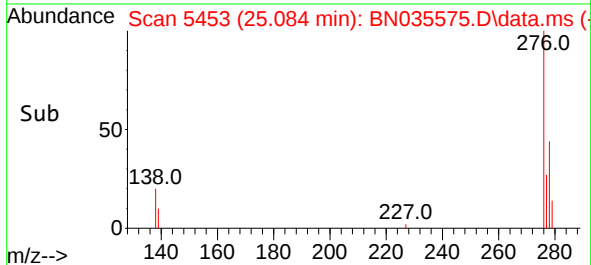
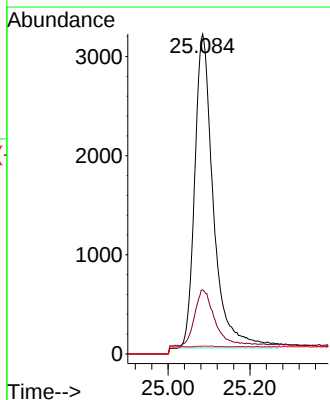
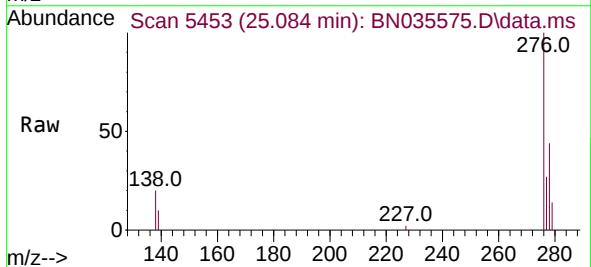


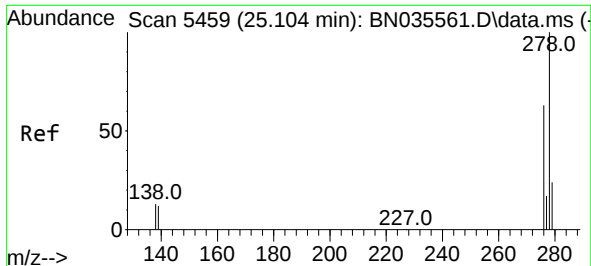
Tgt Ion:252 Resp: 8533
Ion Ratio Lower Upper
252 100
253 28.2 22.9 34.3
125 13.0 9.4 14.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 25.084 min Scan# 5453
Delta R.T. 0.004 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Tgt Ion:276 Resp: 10031
Ion Ratio Lower Upper
276 100
138 24.4 13.8 20.8#
227 11.7 0.2 0.4#

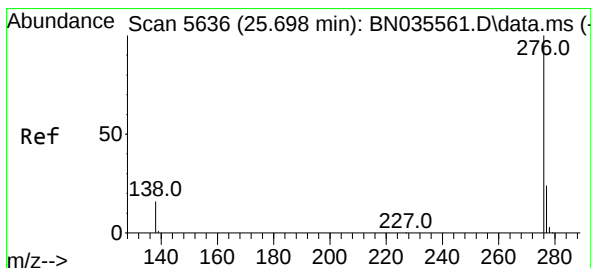
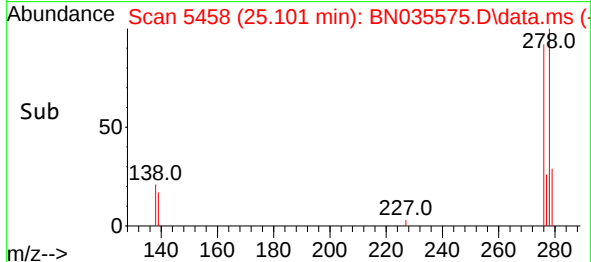
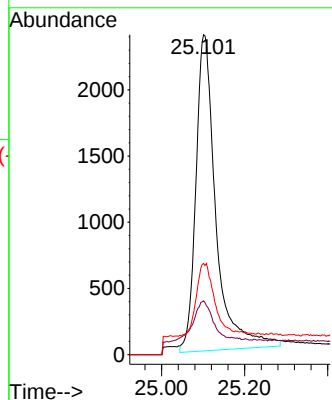
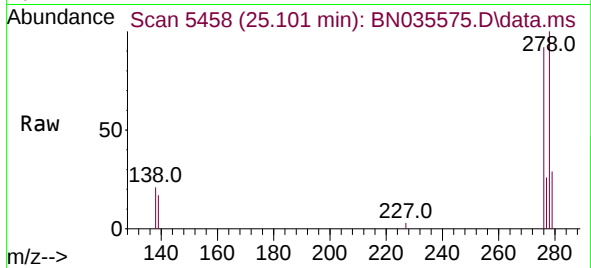




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.101 min Scan# 5459
Delta R.T. 0.000 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Instrument :
BNA_N
ClientSampleId :
SLCS517

Tgt Ion:278 Resp: 8001
Ion Ratio Lower Upper
278 100
139 16.8 10.7 16.1#
279 28.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 25.698 min Scan# 5636
Delta R.T. 0.007 min
Lab File: BN035575.D
Acq: 11 Dec 2024 20:18

Tgt Ion:276 Resp: 7914
Ion Ratio Lower Upper
276 100
138 18.9 13.0 19.6
277 25.4 20.5 30.7

