

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035565.D
 Acq On : 11 Dec 2024 14:16
 Operator : RC/JU
 Sample : P5152-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHK72MSD

Quant Time: Dec 11 14:49:16 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)

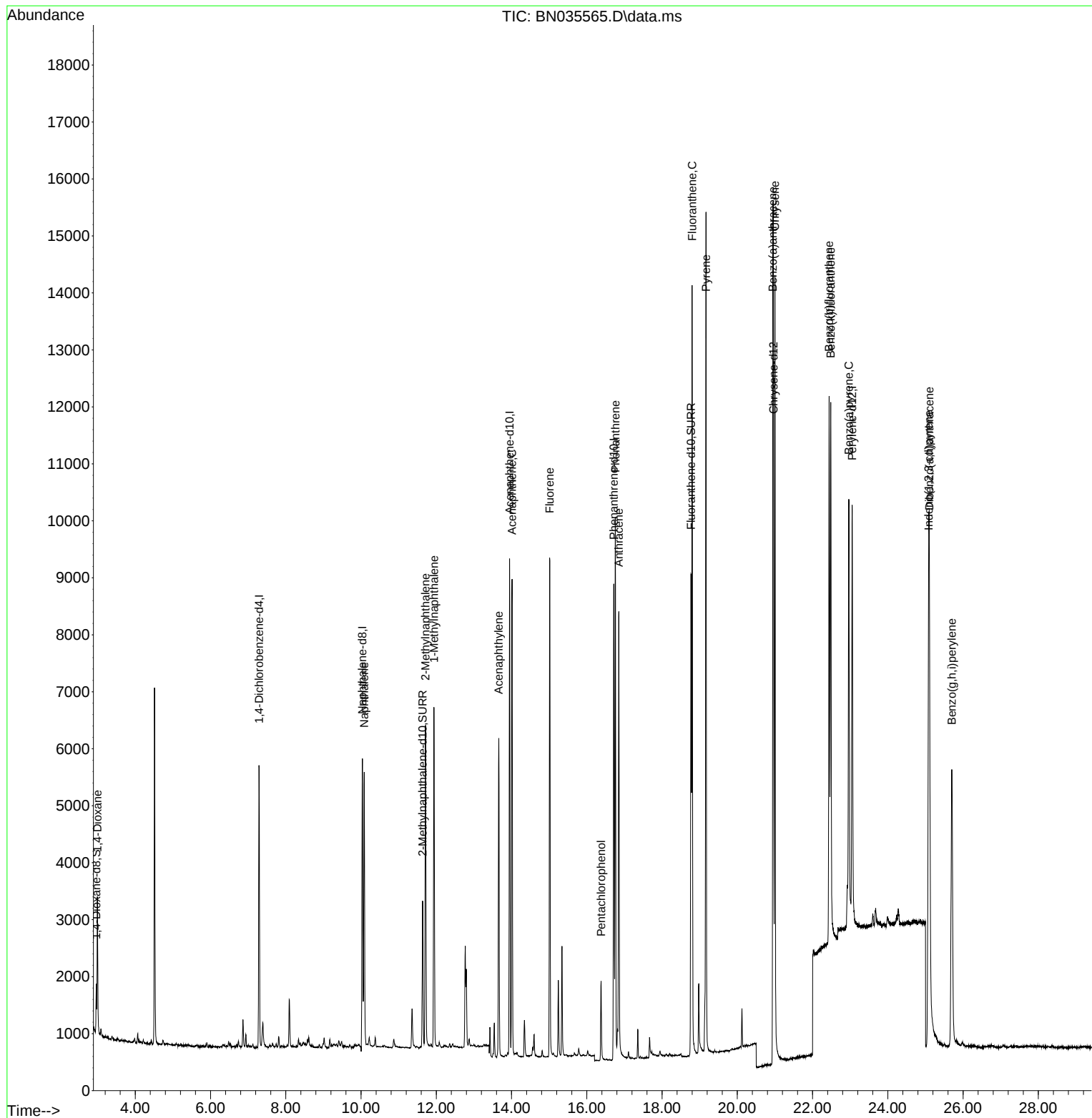
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	2424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	6849	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4651	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	10145	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	8263	0.400	ng/ul	0.00
23) Perylene-d12	23.053	264	9170	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	613	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	3547	0.353	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	9957	0.437	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	1781	0.741	ng/ul#	86
5) Naphthalene	10.086	128	6804	0.394	ng/ul	100
7) 2-Methylnaphthalene	11.714	142	3966	0.331	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	4058	0.336	ng/ul	99
10) Acenaphthylene	13.662	152	6086	0.330	ng/ul	99
11) Acenaphthene	14.013	153	4741	0.336	ng/ul	99
12) Fluorene	15.013	166	5567	0.336	ng/ul	99
14) Pentachlorophenol	16.379	266	959	0.406	ng/ul	98
15) Phenanthrene	16.759	178	9729	0.363	ng/ul	100
16) Anthracene	16.852	178	8618	0.346	ng/ul	99
19) Fluoranthene	18.800	202	11785	0.410	ng/ul	98
20) Pyrene	19.167	202	12619	0.421	ng/ul#	96
21) Benzo(a)anthracene	20.947	228	11614	0.405	ng/ul	99
22) Chrysene	20.999	228	11948	0.414	ng/ul	100
24) Benzo(b)fluoranthene	22.439	252	11346	0.374	ng/ul	97
25) Benzo(k)fluoranthene	22.483	252	12038	0.385	ng/ul	97
26) Benzo(a)pyrene	22.963	252	10858	0.392	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.084	276	14030	0.375	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.104	278	10049	0.343	ng/ul#	94
29) Benzo(g,h,i)perylene	25.701	276	10156	0.344	ng/ul#	95

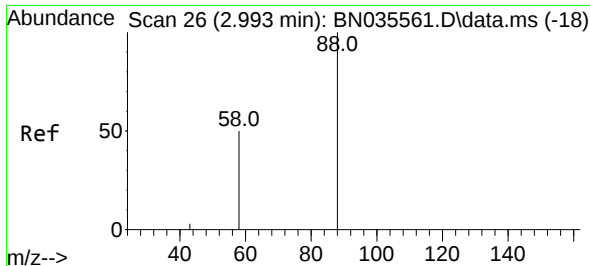
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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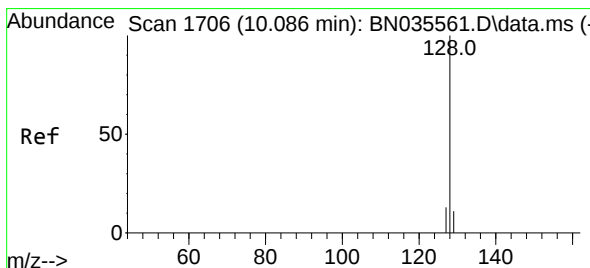
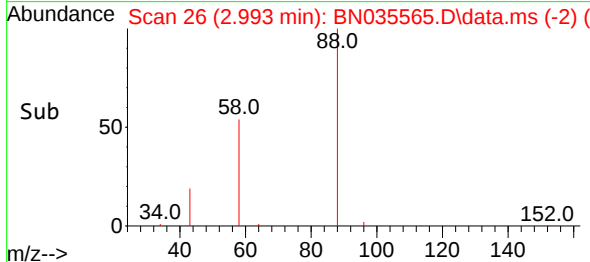
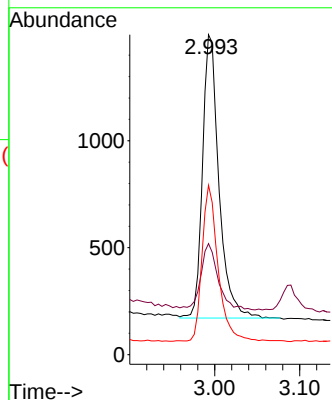
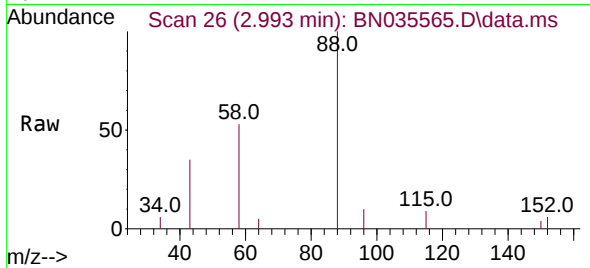




#2
 1,4-Dioxane
 Concen: 0.741 ng/ul
 RT: 2.993 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN035565.D
 Acq: 11 Dec 2024 14:16

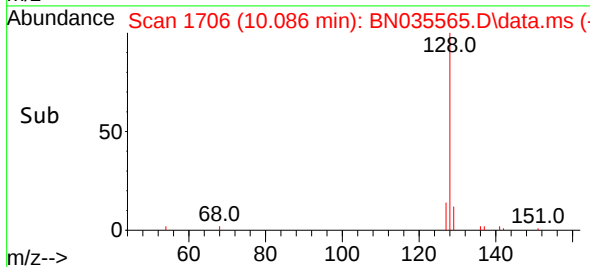
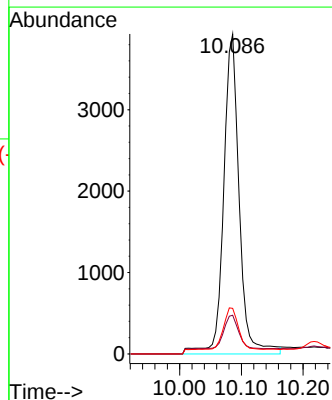
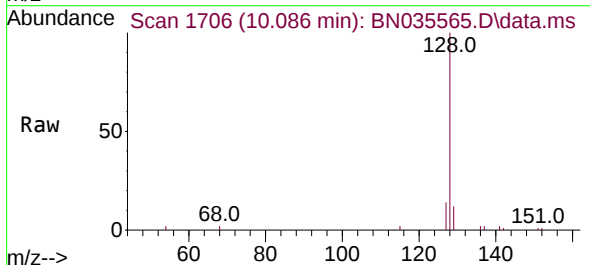
Instrument :
 BNA_N
 ClientSampleId :
 BHK72MSD

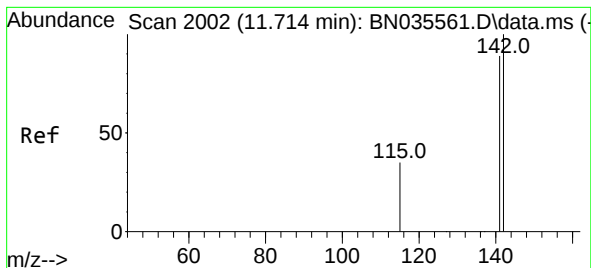
Tgt Ion: 88 Resp: 1781
 Ion Ratio Lower Upper
 88 100
 43 34.7 20.6 31.0#
 58 52.9 36.2 54.4



#5
 Naphthalene
 Concen: 0.394 ng/ul
 RT: 10.086 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: BN035565.D
 Acq: 11 Dec 2024 14:16

Tgt Ion: 128 Resp: 6804
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.9 14.9
 127 14.3 11.4 17.2

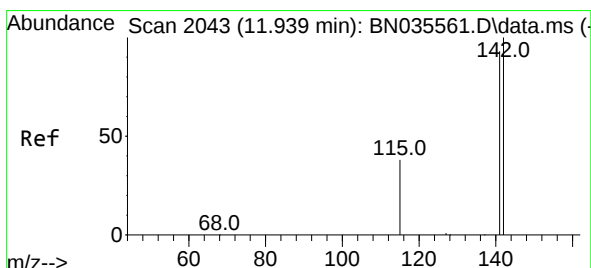
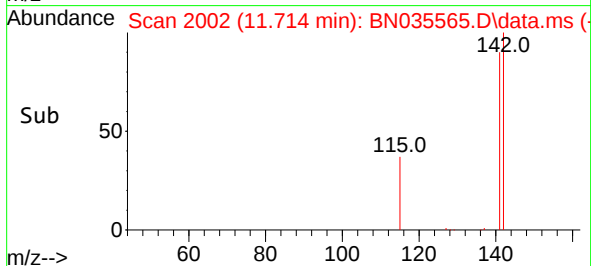
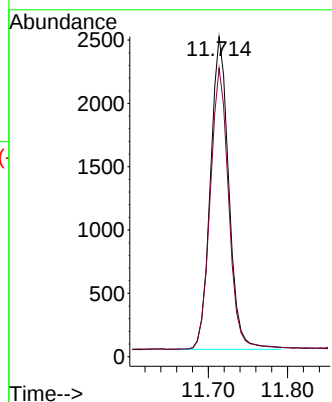
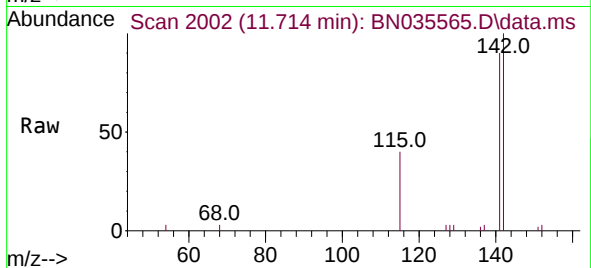




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

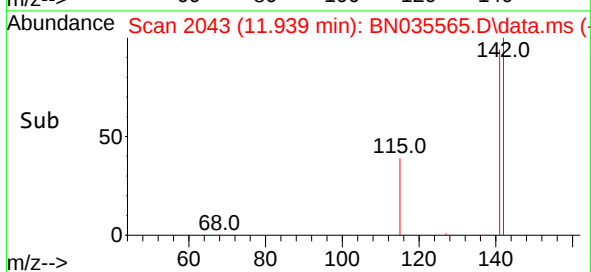
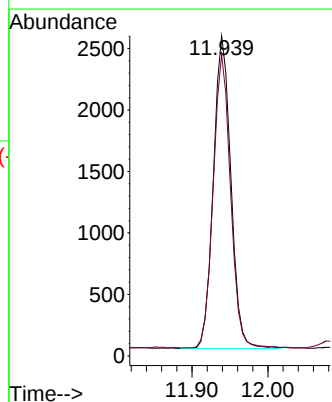
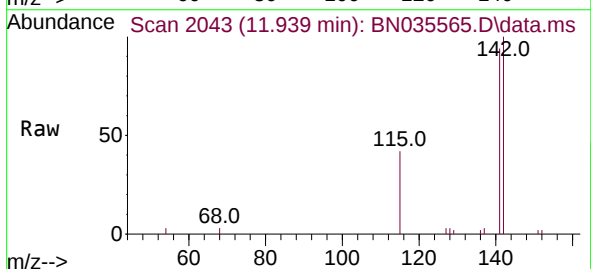
Instrument :
BNA_N
ClientSampleId :
BHK72MSD

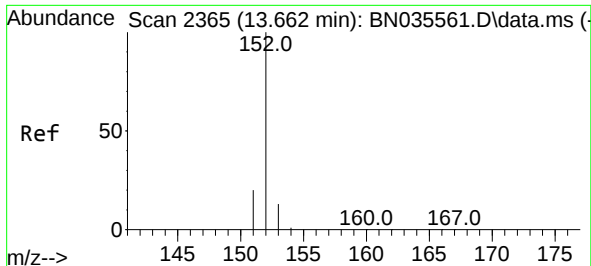
Tgt Ion:142 Resp: 3966
Ion Ratio Lower Upper
142 100
141 90.4 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:142 Resp: 4058
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7

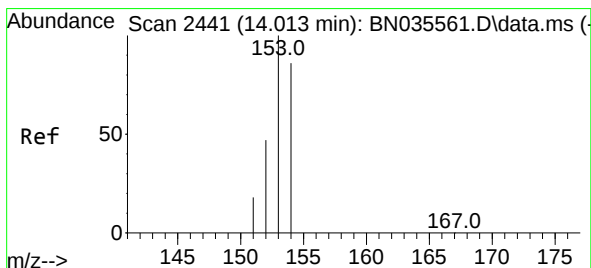
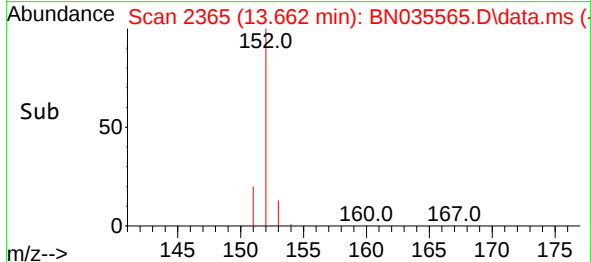
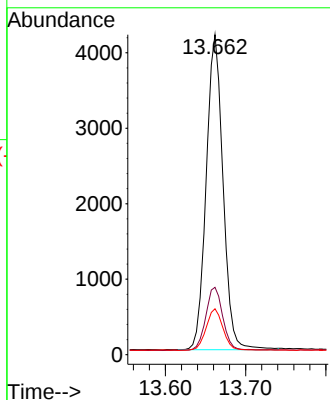
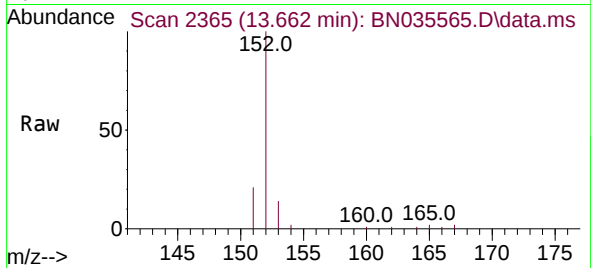




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

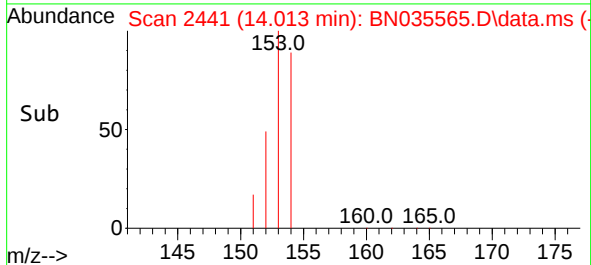
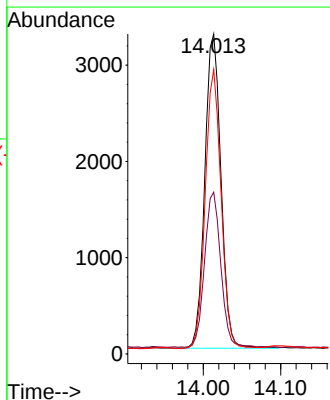
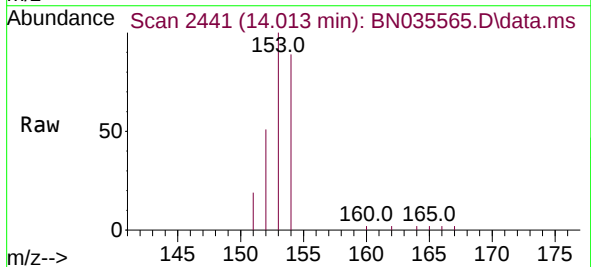
Instrument :
BNA_N
ClientSampleId :
BHK72MSD

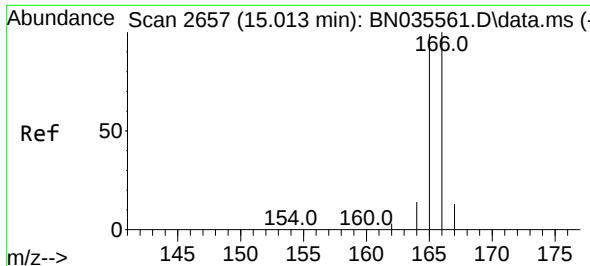
Tgt Ion:152	Resp:	6086
Ion Ratio	Lower	Upper
152	100	
151	21.0	16.4 24.6
153	14.4	11.1 16.7



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.013 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:153	Resp:	4741
Ion Ratio	Lower	Upper
153	100	
152	50.6	41.4 62.0
154	88.9	71.2 106.8

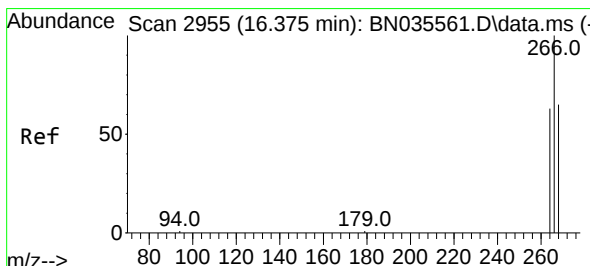
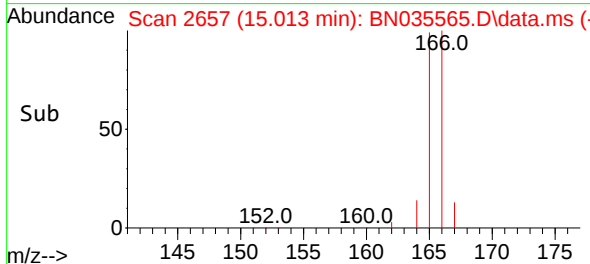
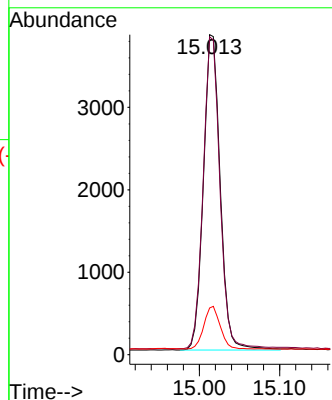
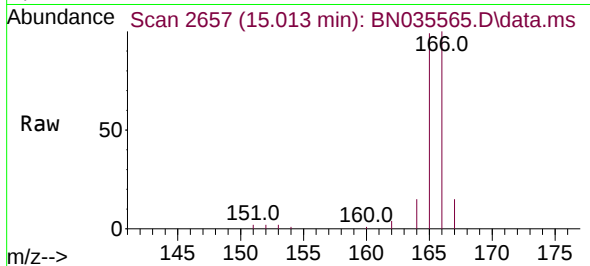




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.013 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

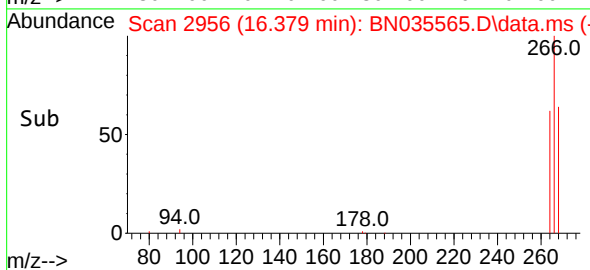
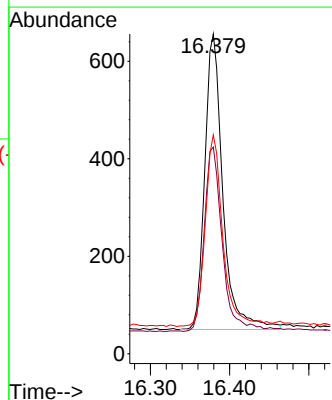
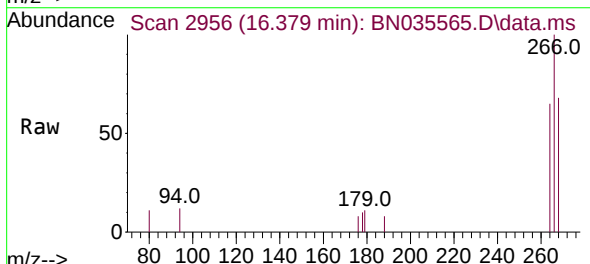
Instrument :
BNA_N
ClientSampleId :
BHK72MSD

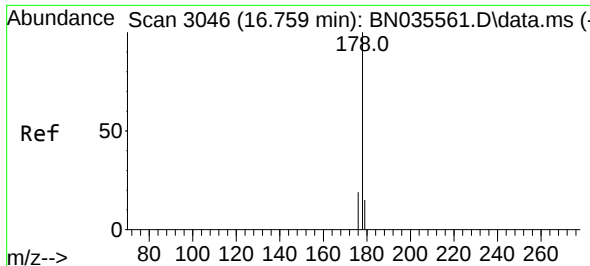
Tgt Ion:166 Resp: 5567
Ion Ratio Lower Upper
166 100
165 99.3 78.6 118.0
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.406 ng/ul
RT: 16.379 min Scan# 2956
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:266 Resp: 959
Ion Ratio Lower Upper
266 100
264 62.8 51.8 77.6
268 63.6 51.3 76.9

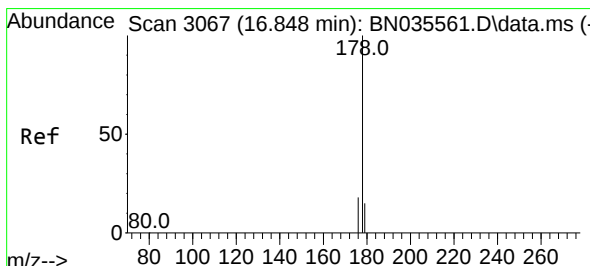
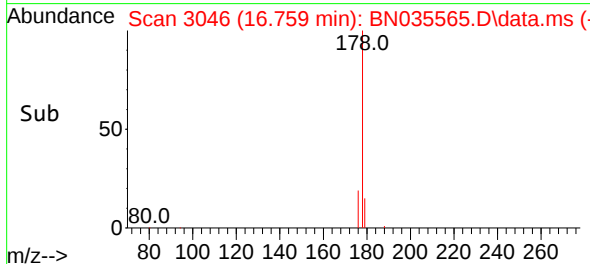
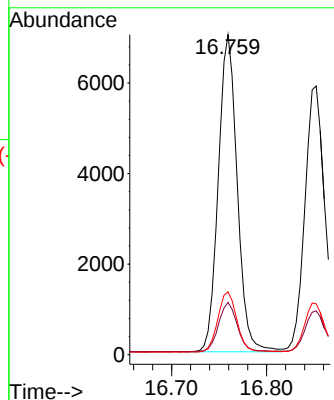
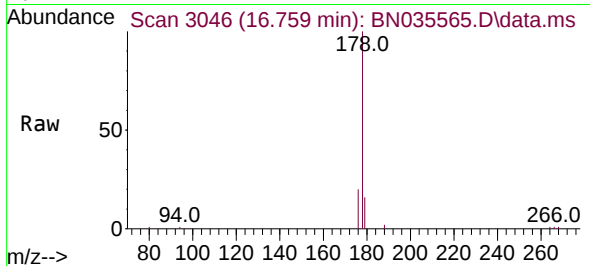




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 16.759 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

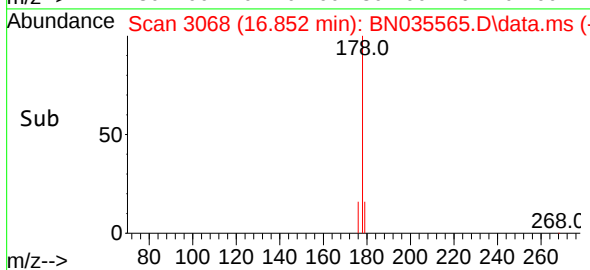
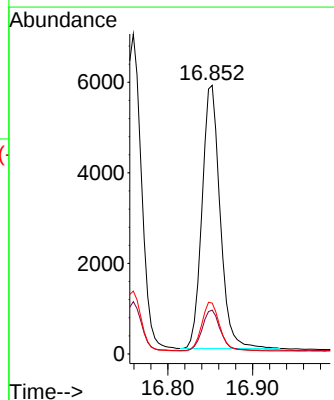
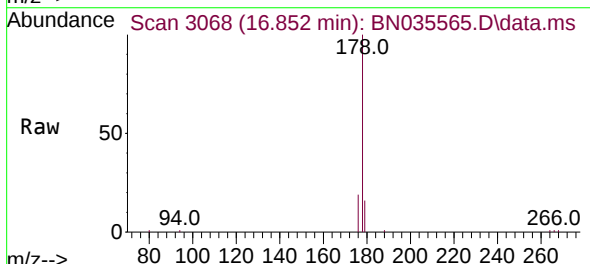
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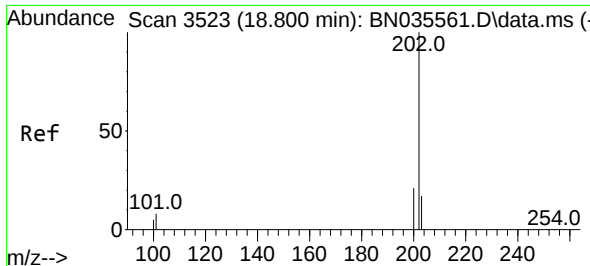
Tgt Ion:178 Resp: 9729
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.346 ng/ul
RT: 16.852 min Scan# 3068
Delta R.T. 0.004 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:178 Resp: 8618
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.0 15.4 23.2

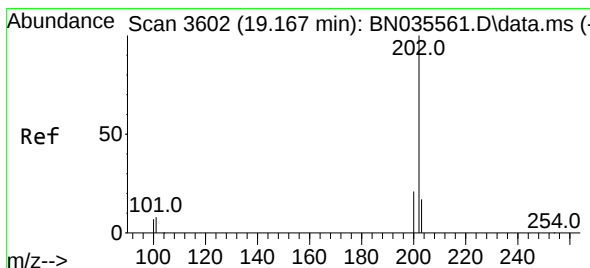
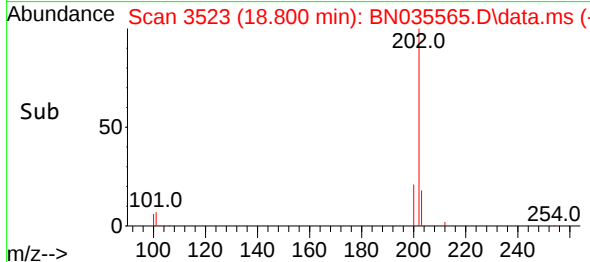
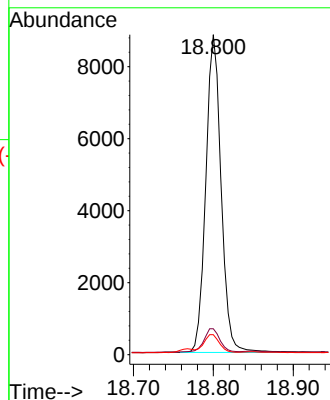
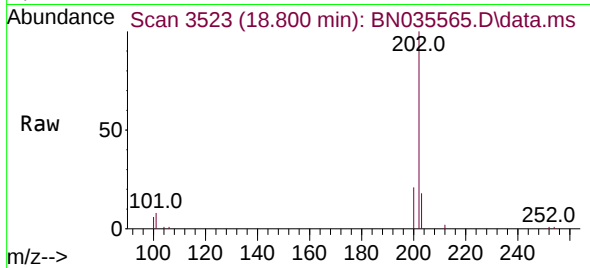




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

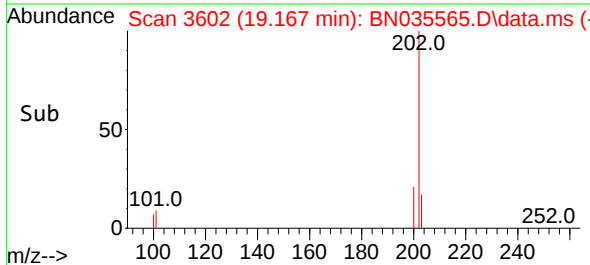
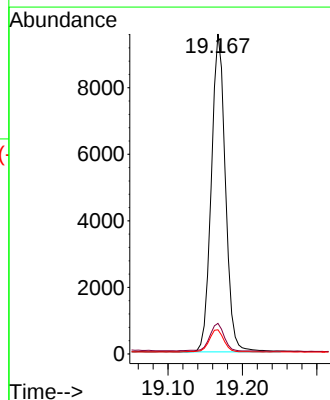
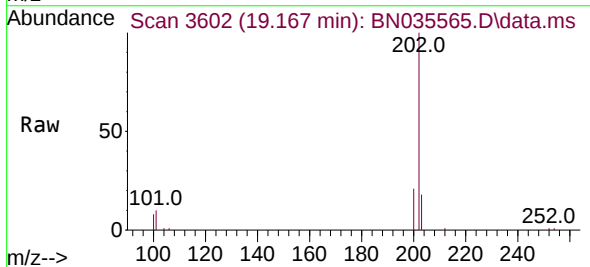
Instrument :
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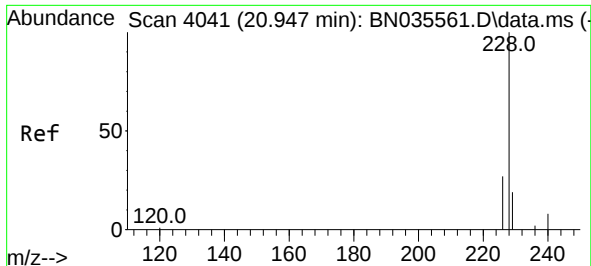
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.8	8.6
100	6.2	4.5	6.7



#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

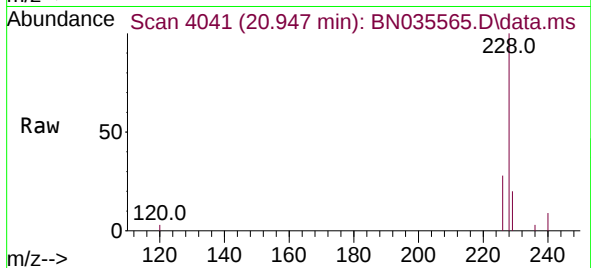
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.2	9.4#
100	7.5	5.1	7.7



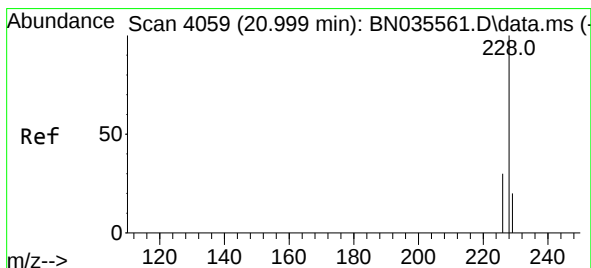
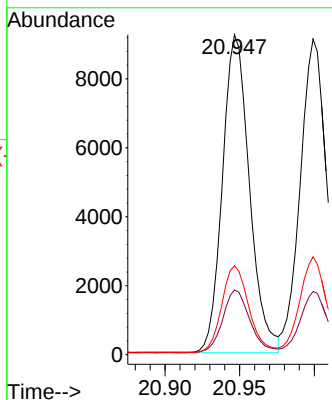
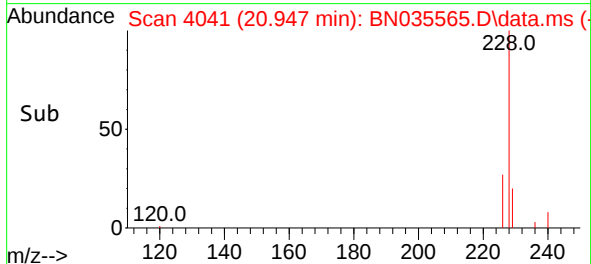


#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_N
ClientSampleId :
BHK72MSD

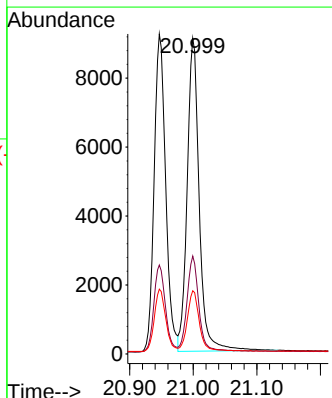
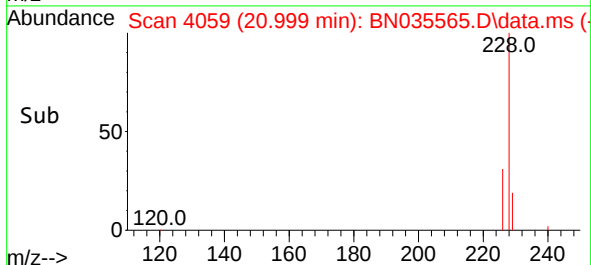
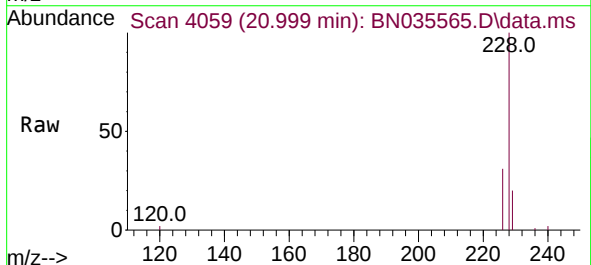


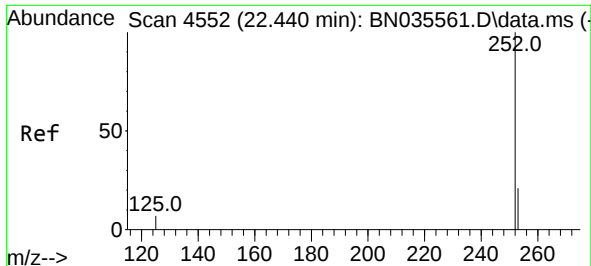
Tgt Ion:228 Resp: 11614
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 27.8 21.8 32.8



#22
Chrysene
Concen: 0.414 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:228 Resp: 11948
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.0 16.0 24.0

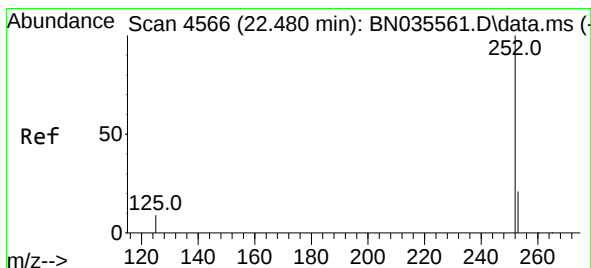
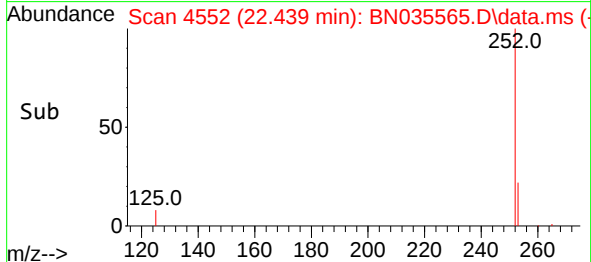
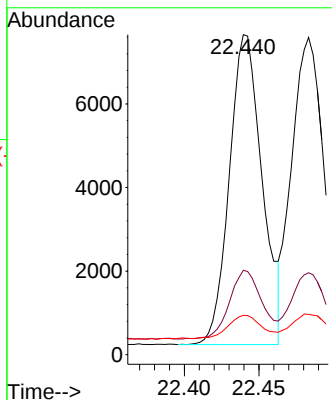
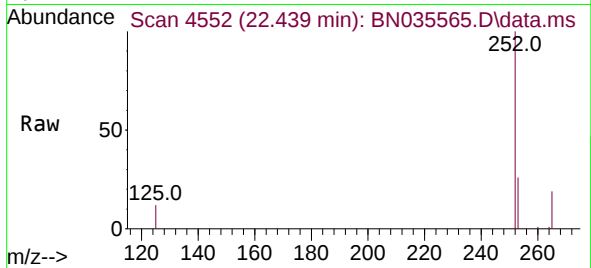




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 22.439 min Scan# 4552
Delta R.T. -0.000 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

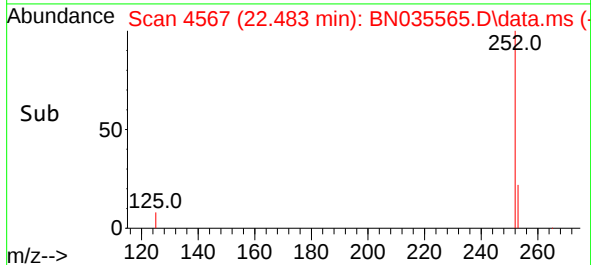
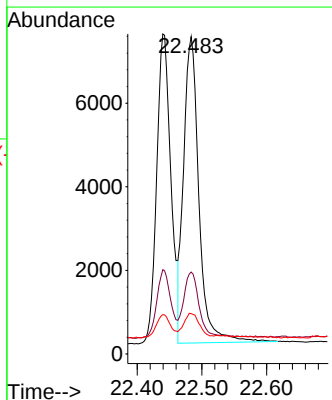
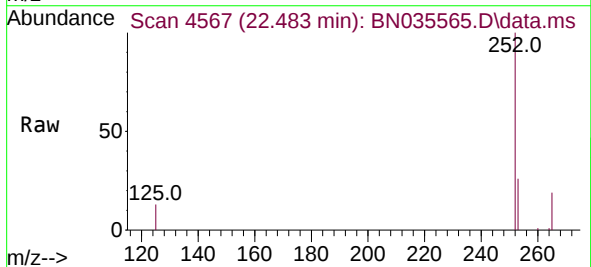
Instrument :
BNA_N
ClientSampleId :
BHK72MSD

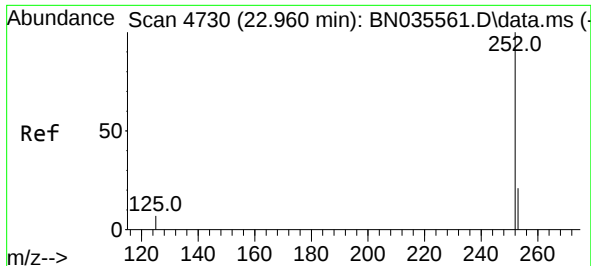
Tgt Ion:252 Resp: 11346
Ion Ratio Lower Upper
252 100
253 26.3 0.0 54.0
125 12.3 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 22.483 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:252 Resp: 12038
Ion Ratio Lower Upper
252 100
253 25.8 21.8 32.6
125 12.7 8.6 12.8

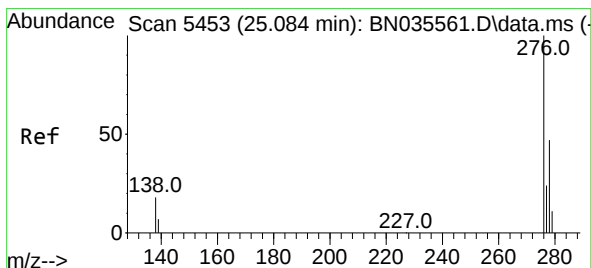
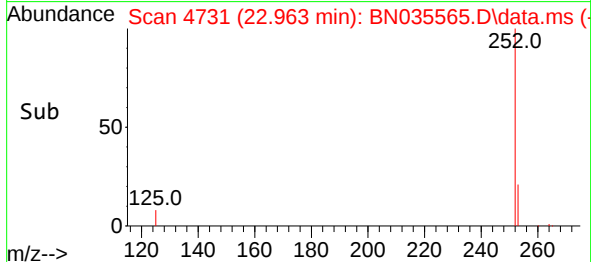
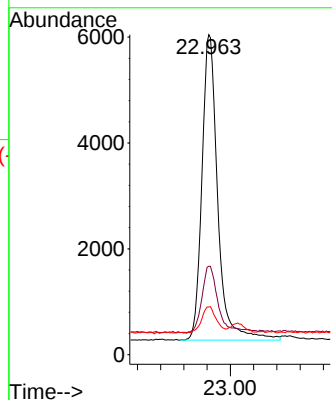
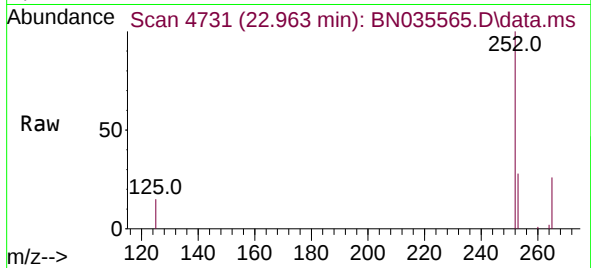




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 22.963 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

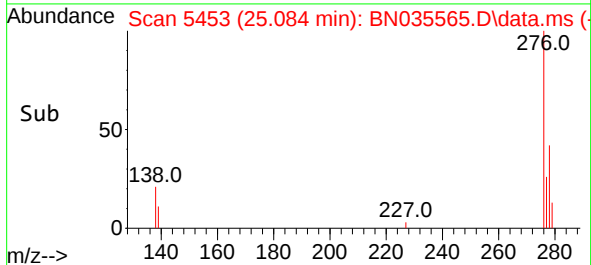
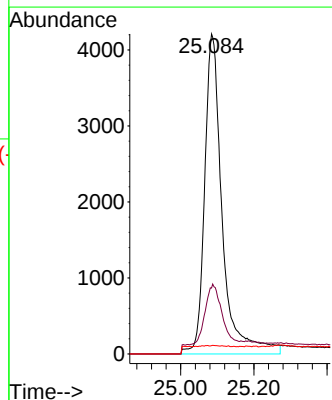
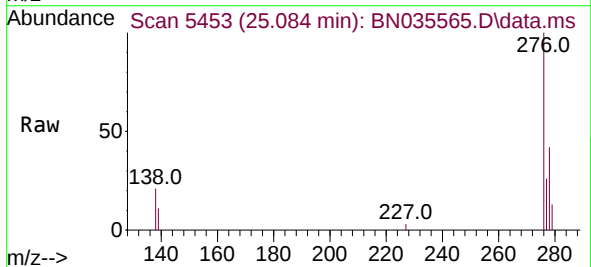
Instrument :
BNA_N
ClientSampleId :
BHK72MSD

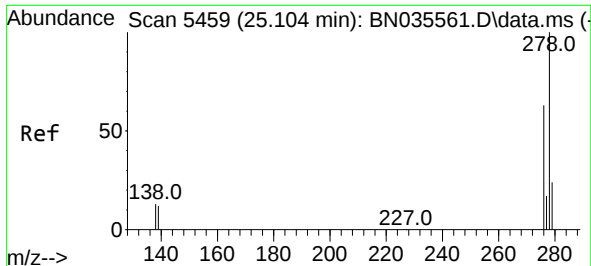
Tgt Ion:252 Resp: 10858
Ion Ratio Lower Upper
252 100
253 27.7 22.9 34.3
125 14.9 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.084 min Scan# 5453
Delta R.T. 0.003 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:276 Resp: 14030
Ion Ratio Lower Upper
276 100
138 17.4 13.8 20.8
227 0.0 0.2 0.4#

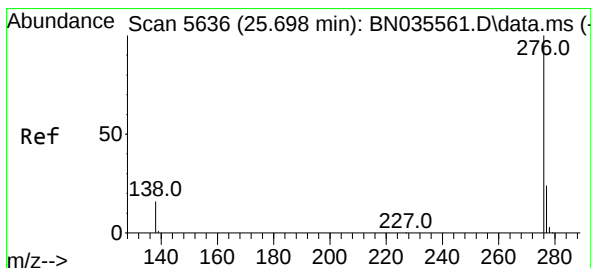
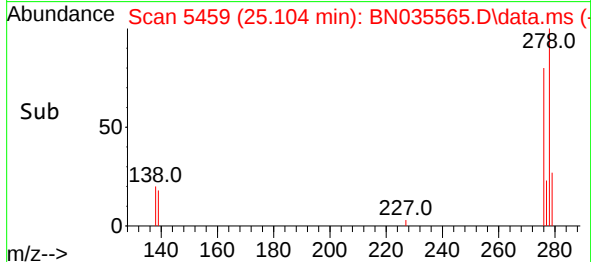
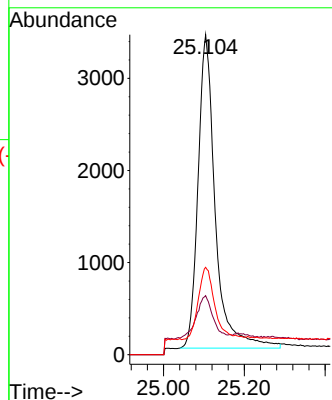
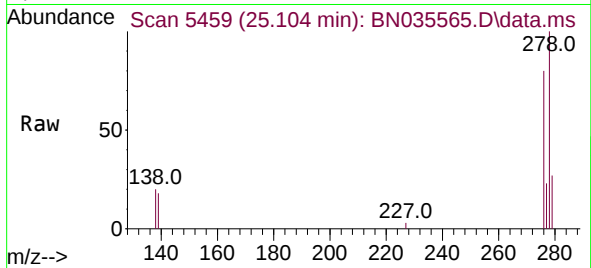




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.104 min Scan# 5459
Delta R.T. 0.003 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_N
ClientSampleId :
BHK72MSD

Tgt Ion:278 Resp: 10049
Ion Ratio Lower Upper
278 100
139 18.5 10.7 16.1#
279 27.3 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 25.701 min Scan# 5637
Delta R.T. 0.010 min
Lab File: BN035565.D
Acq: 11 Dec 2024 14:16

Tgt Ion:276 Resp: 10156
Ion Ratio Lower Upper
276 100
138 20.4 13.0 19.6#
277 24.8 20.5 30.7

