

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035627.D
 Acq On : 16 Dec 2024 21:12
 Operator : RC/JU
 Sample : PB165549BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS549

Quant Time: Dec 16 21:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

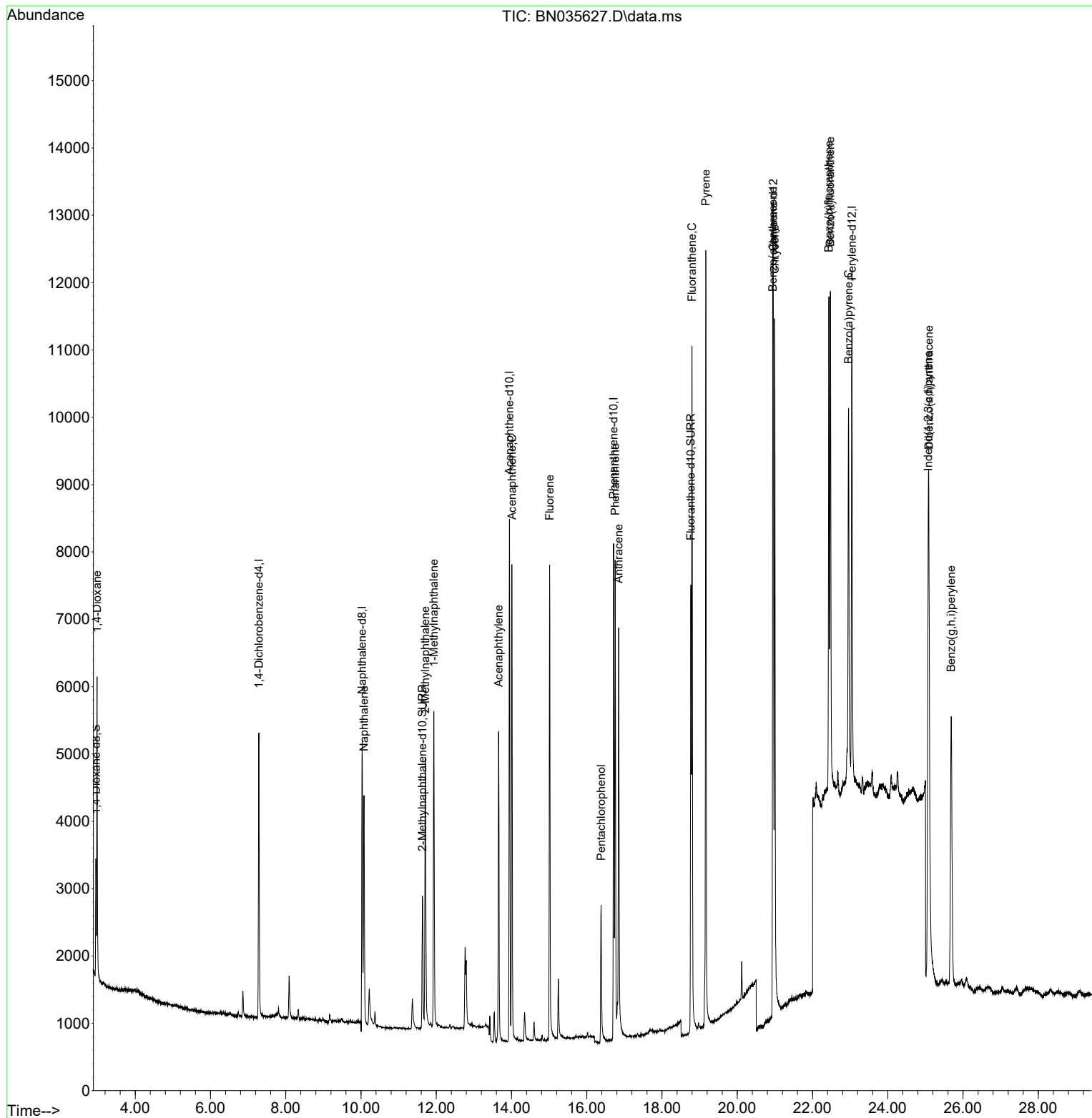
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2188	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	6240	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	4413	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9453	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	8459	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	9048	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1132	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	3067	0.345	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	8214	0.332	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.984	88	2931	1.496	ng/ul#	75
5) Naphthalene	10.080	128	4923	0.322	ng/ul	99
7) 2-Methylnaphthalene	11.708	142	3232	0.314	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	3417	0.320	ng/ul	100
10) Acenaphthylene	13.657	152	5380	0.315	ng/ul	98
11) Acenaphthene	14.009	153	4067	0.315	ng/ul	99
12) Fluorene	15.013	166	4633	0.308	ng/ul	98
14) Pentachlorophenol	16.380	266	1579	0.652	ng/ul	98
15) Phenanthrene	16.755	178	7600	0.321	ng/ul	98
16) Anthracene	16.848	178	6904	0.312	ng/ul	99
19) Fluoranthene	18.795	202	9444	0.312	ng/ul	99
20) Pyrene	19.163	202	10382	0.312	ng/ul	99
21) Benzo(a)anthracene	20.944	228	9089	0.324	ng/ul	98
22) Chrysene	20.993	228	9795	0.336	ng/ul	99
24) Benzo(b)fluoranthene	22.434	252	8798	0.330	ng/ul	92
25) Benzo(k)fluoranthene	22.475	252	9974	0.338	ng/ul#	91
26) Benzo(a)pyrene	22.957	252	8522	0.330	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.074	276	12654	0.403	ng/ul#	68
28) Dibenzo(a,h)anthracene	25.091	278	9115	0.380	ng/ul	94
29) Benzo(g,h,i)perylene	25.685	276	8582	0.340	ng/ul	99

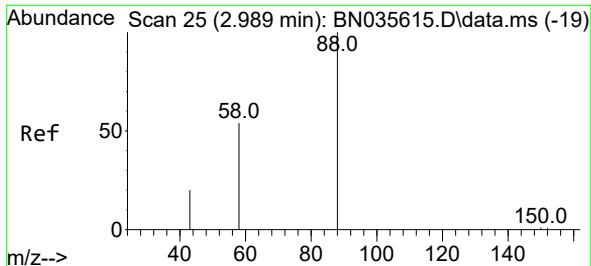
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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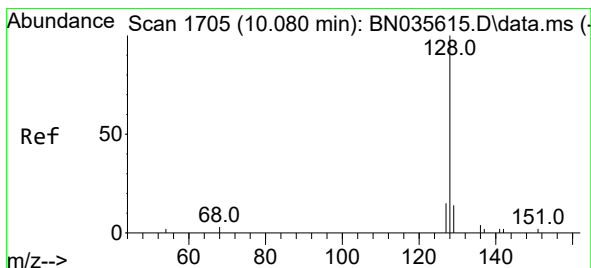
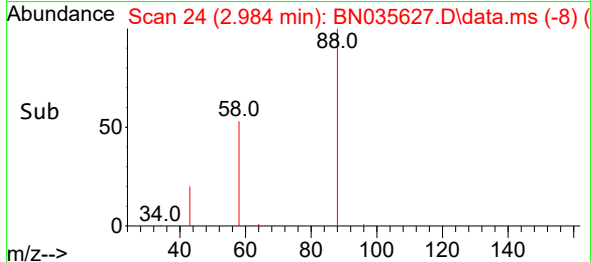
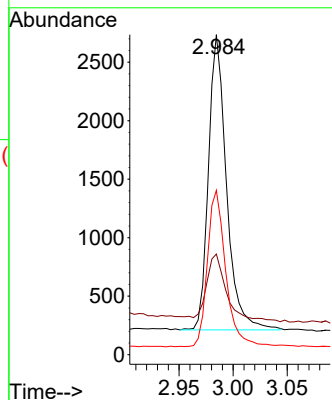
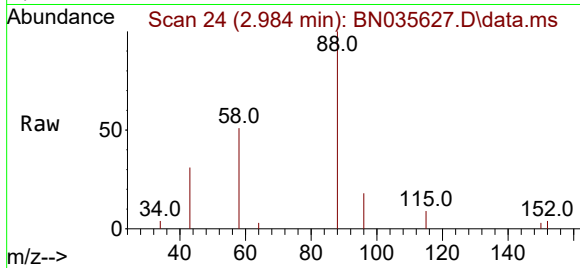




#2
 1,4-Dioxane
 Concen: 1.496 ng/ul
 RT: 2.984 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BN035627.D
 Acq: 16 Dec 2024 21:12

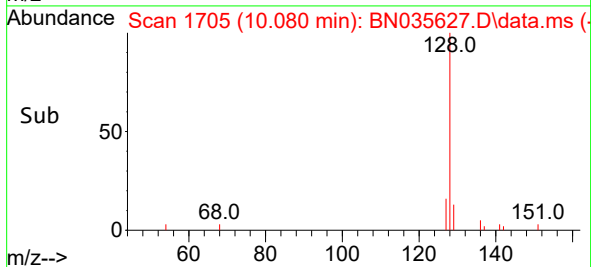
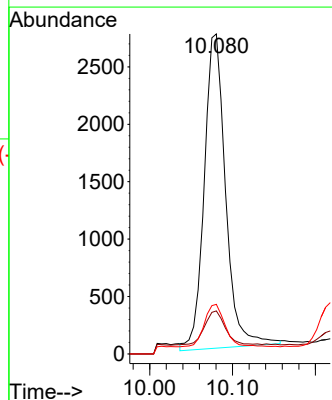
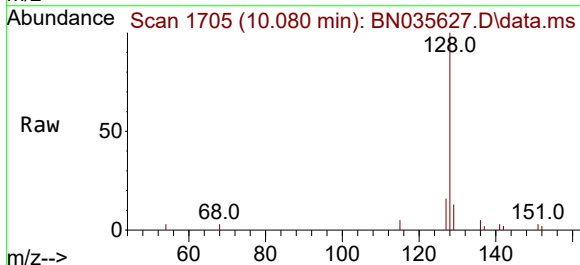
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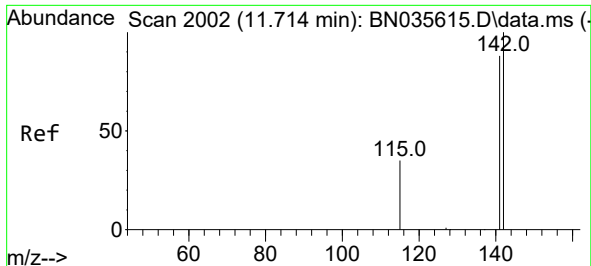
Tgt Ion: 88 Resp: 2931
 Ion Ratio Lower Upper
 88 100
 43 31.4 39.4 59.2#
 58 51.4 29.8 44.6#



#5
 Naphthalene
 Concen: 0.322 ng/ul
 RT: 10.080 min Scan# 1705
 Delta R.T. 0.000 min
 Lab File: BN035627.D
 Acq: 16 Dec 2024 21:12

Tgt Ion:128 Resp: 4923
 Ion Ratio Lower Upper
 128 100
 129 13.4 10.8 16.2
 127 15.5 12.0 18.0

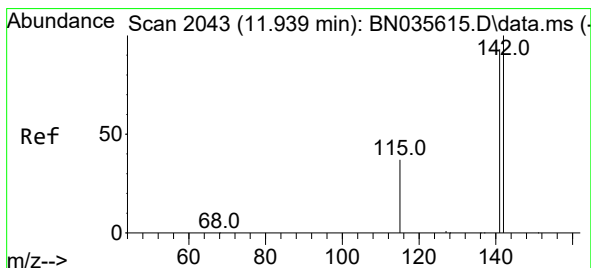
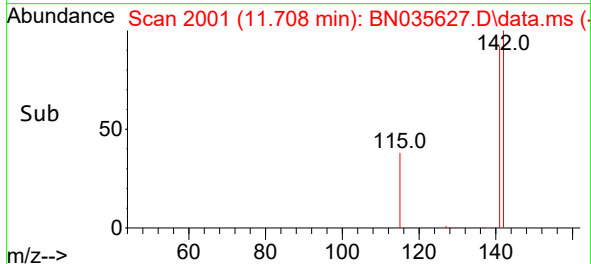
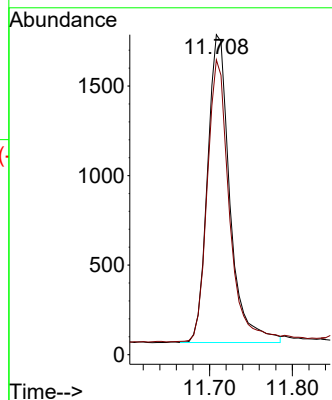
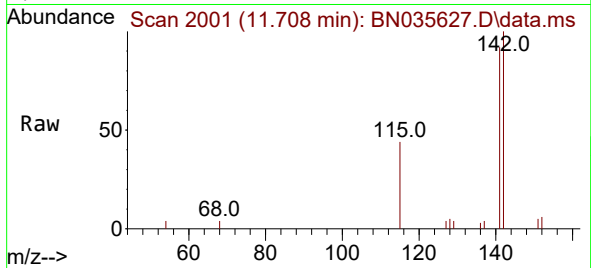




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

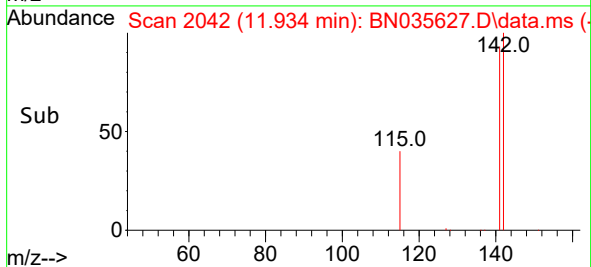
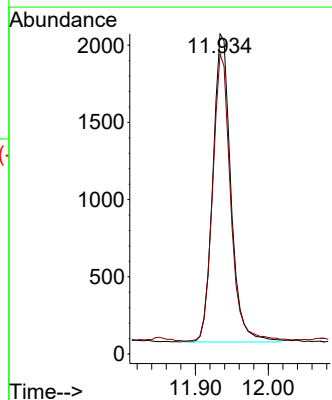
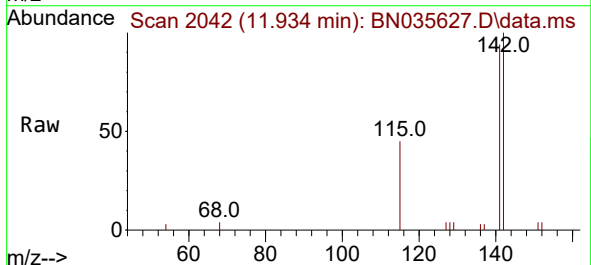
Instrument :
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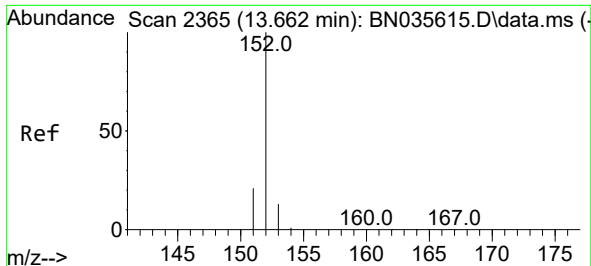
Tgt Ion:142 Resp: 3232
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

Tgt Ion:142 Resp: 3417
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1

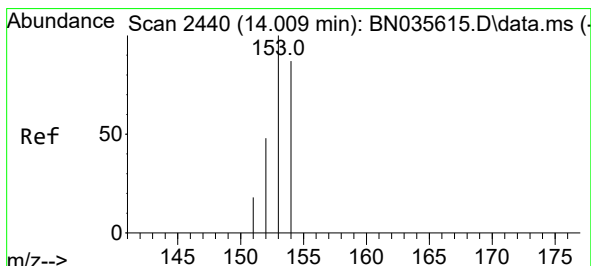
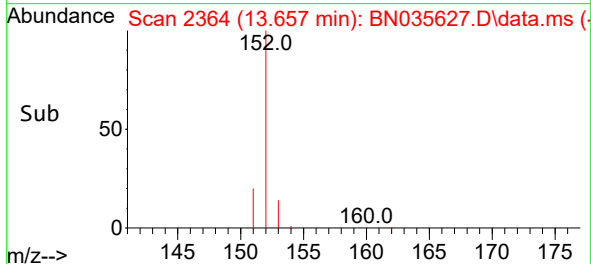
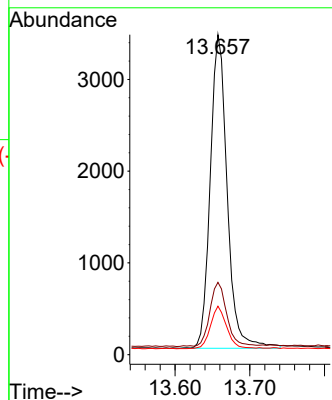
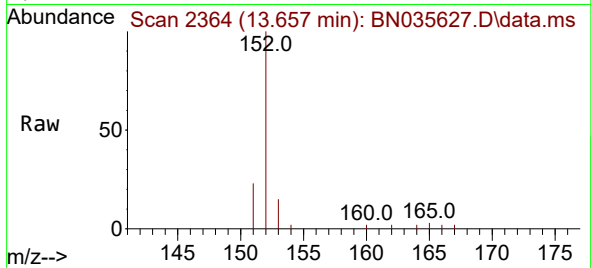




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 13.657 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

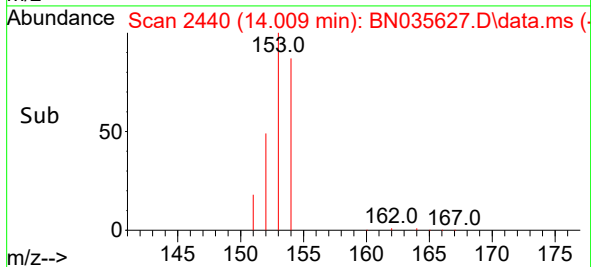
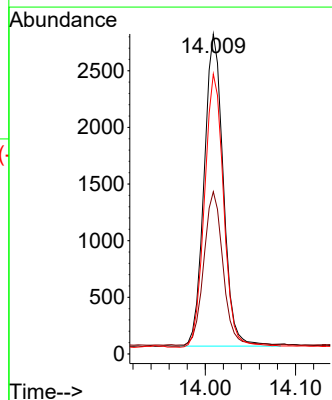
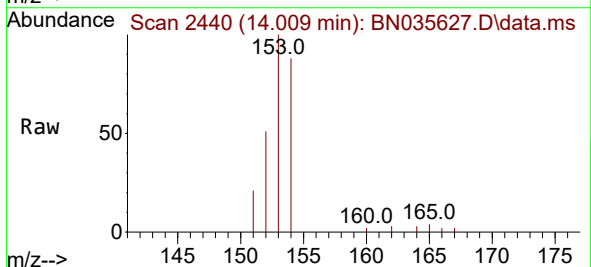
Instrument :
BNA_N
ClientSampleId :
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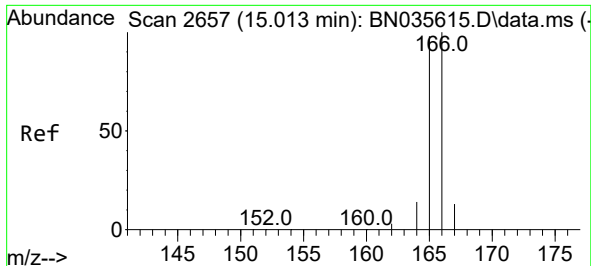
Tgt Ion:152 Resp: 5380
Ion Ratio Lower Upper
152 100
151 22.6 17.6 26.4
153 15.1 11.4 17.2



#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

Tgt Ion:153 Resp: 4067
Ion Ratio Lower Upper
153 100
152 50.7 39.8 59.6
154 87.5 69.8 104.8

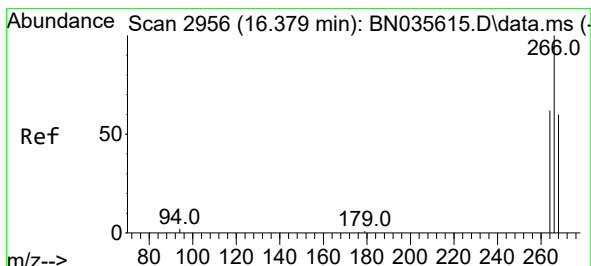
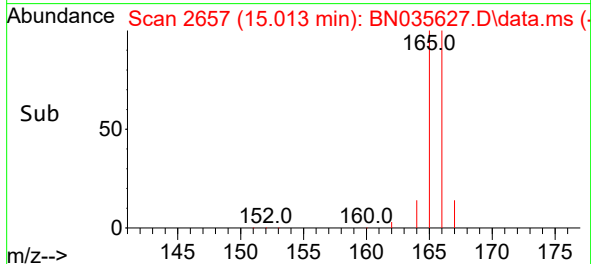
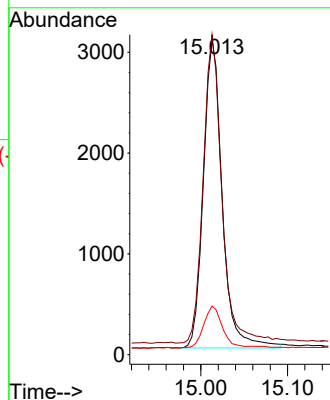
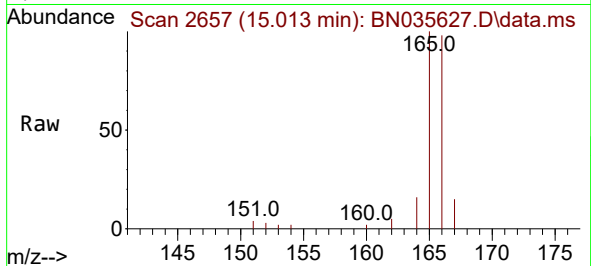




#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.013 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

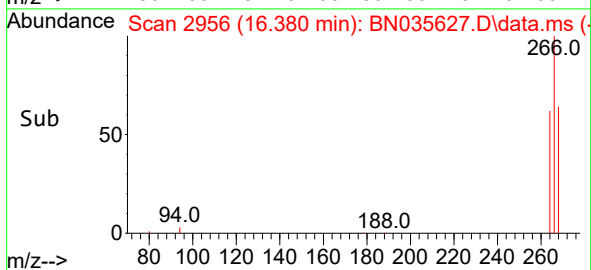
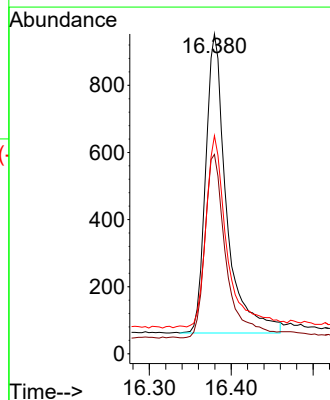
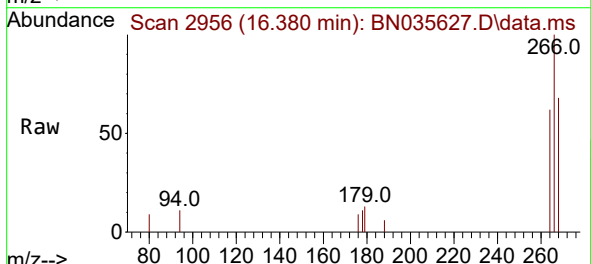
Instrument :
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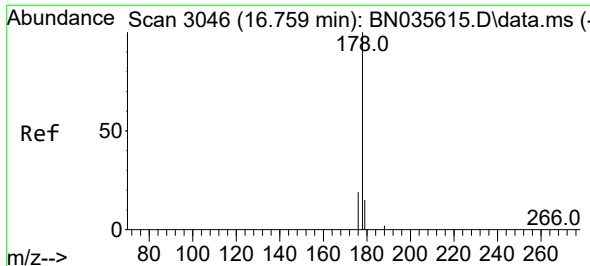
Tgt Ion:166 Resp: 4633
Ion Ratio Lower Upper
166 100
165 101.7 79.5 119.3
167 15.5 11.8 17.8



#14
Pentachlorophenol
Concen: 0.652 ng/ul
RT: 16.380 min Scan# 2956
Delta R.T. 0.000 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

Tgt Ion:266 Resp: 1579
Ion Ratio Lower Upper
266 100
264 62.2 49.9 74.9
268 63.6 52.8 79.2

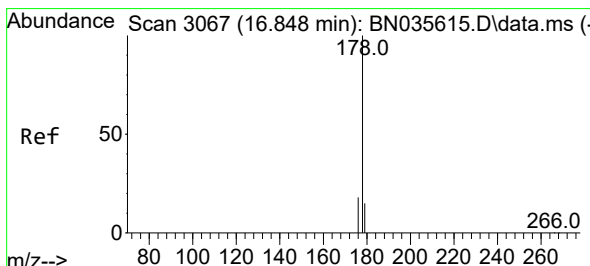
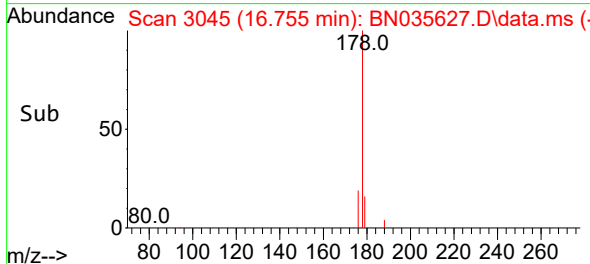
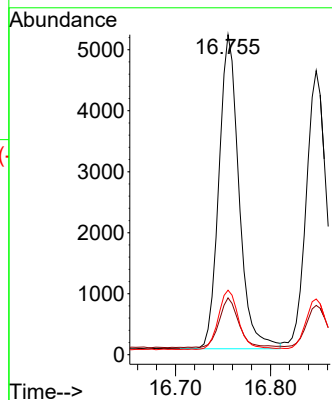
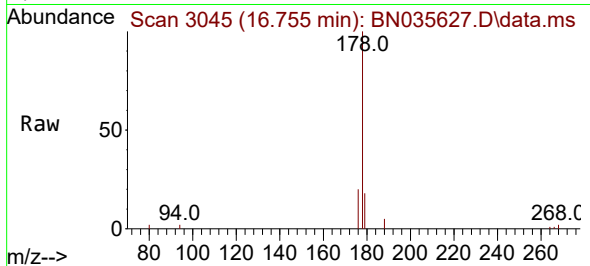




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

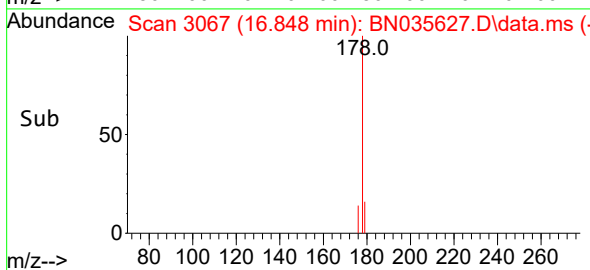
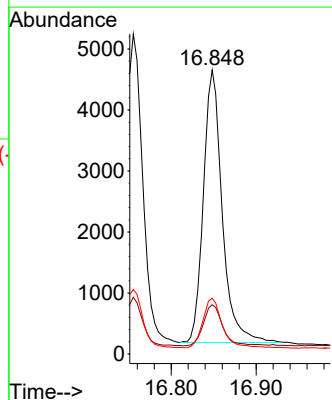
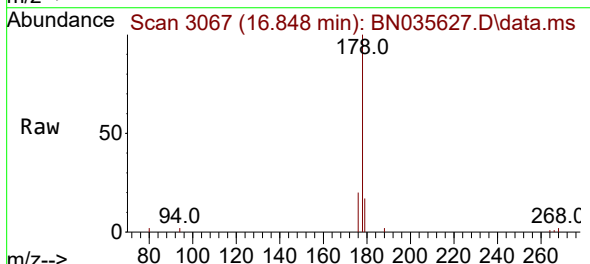
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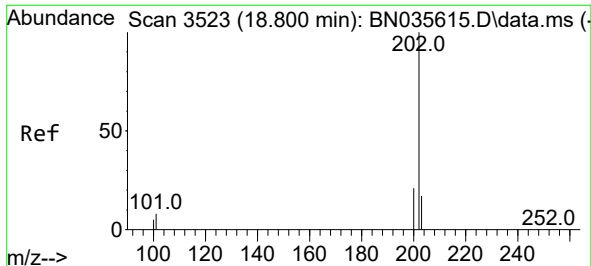
Tgt Ion:178 Resp: 7600
Ion Ratio Lower Upper
178 100
179 17.7 13.3 19.9
176 20.1 15.8 23.8



#16
Anthracene
Concen: 0.312 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

Tgt Ion:178 Resp: 6904
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.0
176 19.6 15.4 23.0

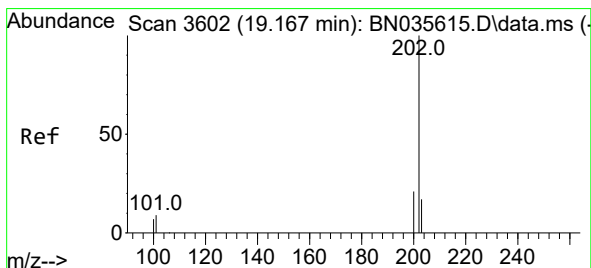
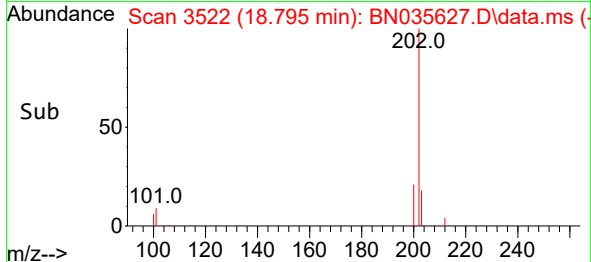
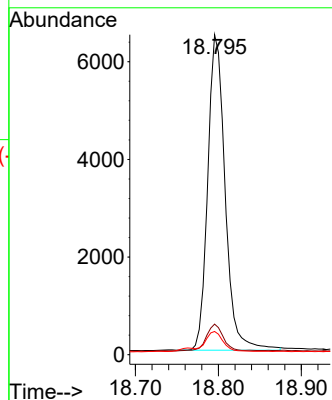
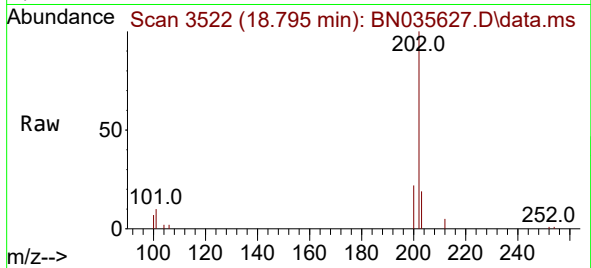




#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 18.795 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

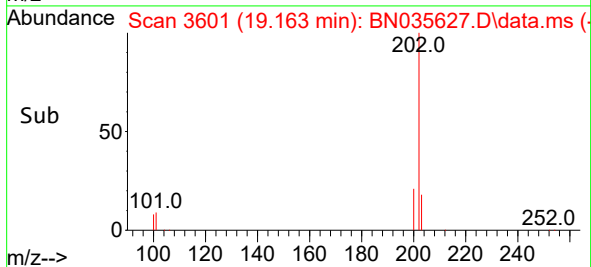
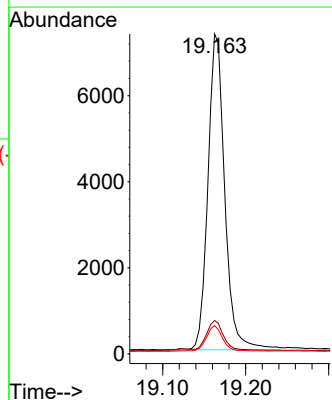
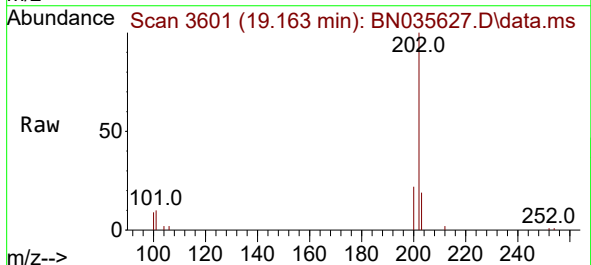
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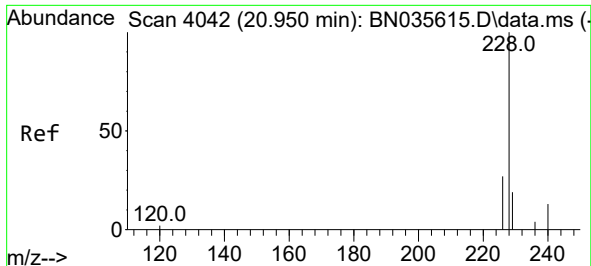
Tgt Ion:202 Resp: 9444
Ion Ratio Lower Upper
202 100
101 9.5 7.3 10.9
100 7.2 5.4 8.0



#20
Pyrene
Concen: 0.312 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

Tgt Ion:202 Resp: 10382
Ion Ratio Lower Upper
202 100
101 10.4 8.5 12.7
100 8.8 6.5 9.7

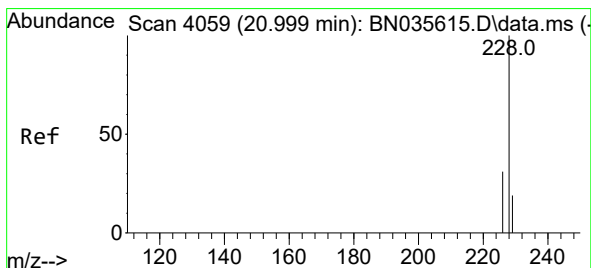
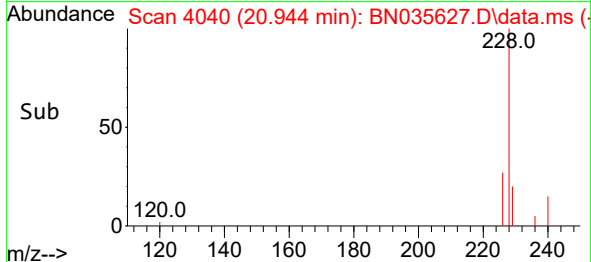
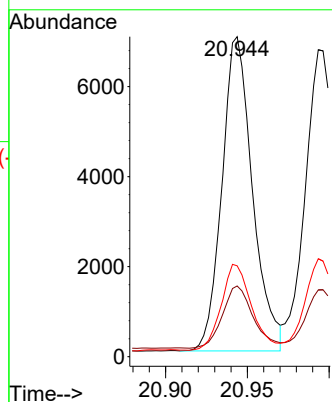
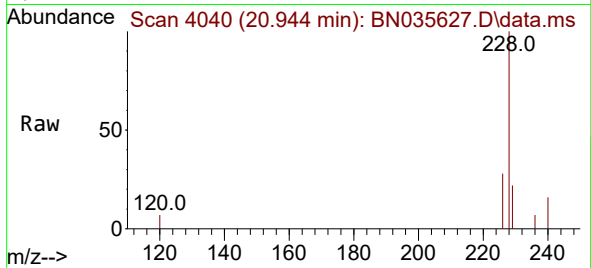




#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

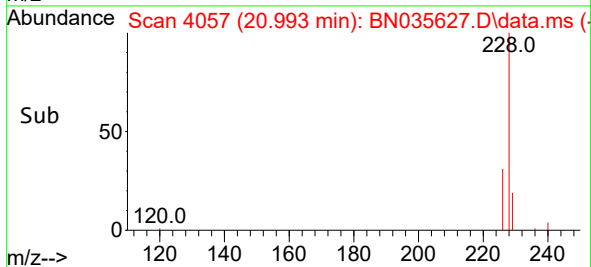
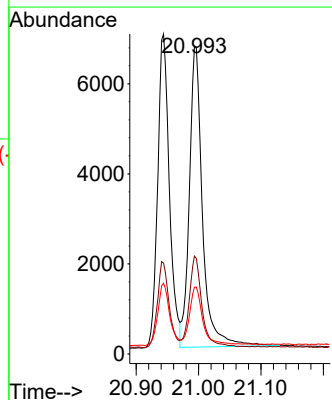
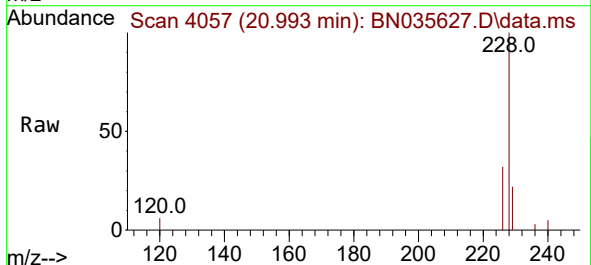
Instrument :
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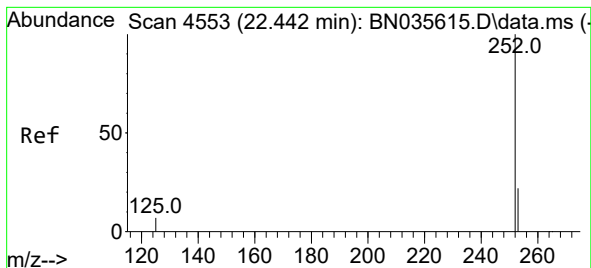
Tgt Ion:	228	Resp:	9089
Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.6	25.0
226	28.4	22.5	33.7



#22
Chrysene
Concen: 0.336 ng/ul
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035627.D
Acq: 16 Dec 2024 21:12

Tgt Ion:	228	Resp:	9795
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.1	37.7
229	21.8	16.6	24.8





#24

Benzo(b)fluoranthene

Concen: 0.330 ng/ul

RT: 22.434 min Scan# 4550

Delta R.T. -0.009 min

Lab File: BN035627.D

Acq: 16 Dec 2024 21:12

Instrument :

BNA_N

ClientSampleId :

SLCS549

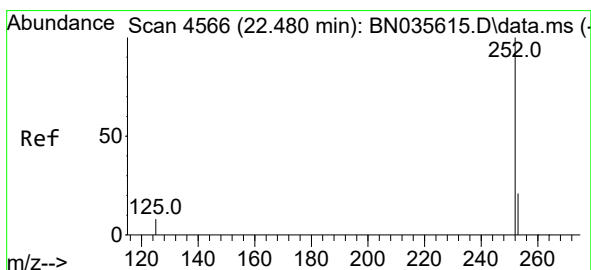
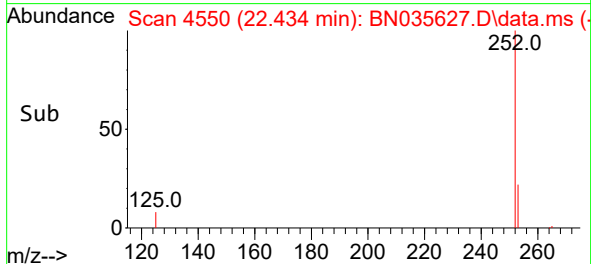
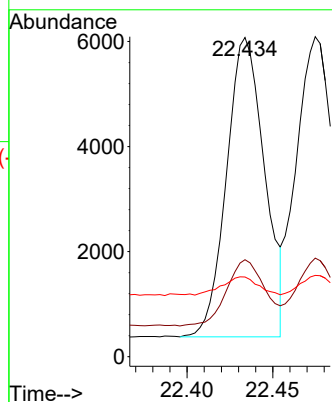
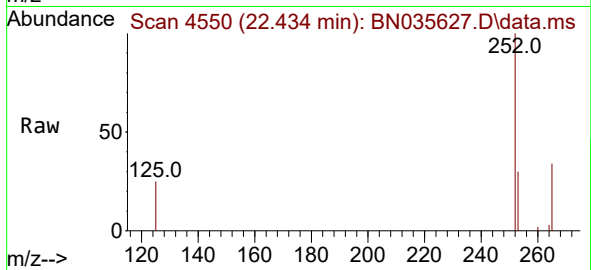
Tgt Ion:252 Resp: 8798

Ion Ratio Lower Upper

252 100

253 30.4 0.0 56.4

125 25.0 0.0 37.6



#25

Benzo(k)fluoranthene

Concen: 0.338 ng/ul

RT: 22.475 min Scan# 4564

Delta R.T. -0.006 min

Lab File: BN035627.D

Acq: 16 Dec 2024 21:12

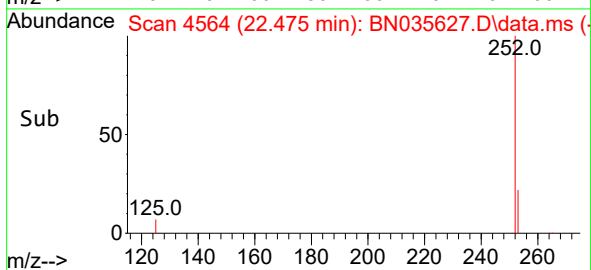
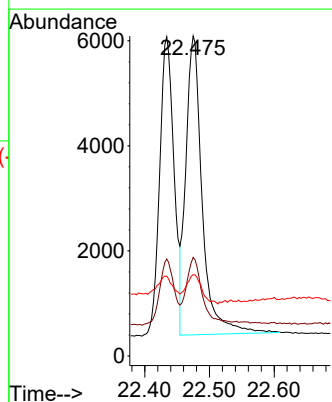
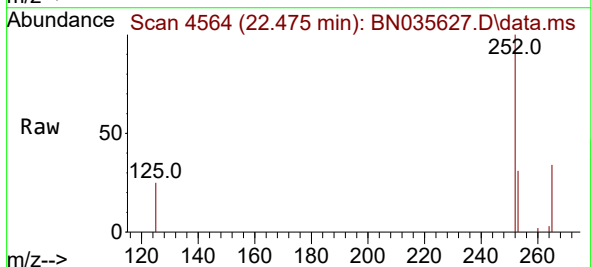
Tgt Ion:252 Resp: 9974

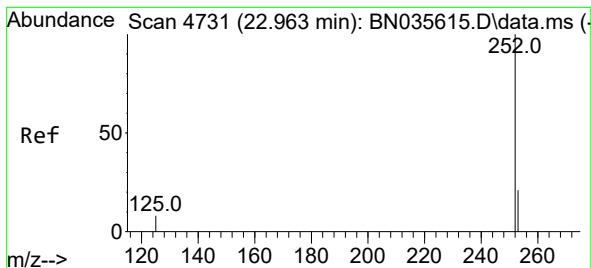
Ion Ratio Lower Upper

252 100

253 30.8 22.1 33.1

125 25.4 15.3 22.9#





#26

Benzo(a)pyrene

Concen: 0.330 ng/ul

RT: 22.957 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN035627.D

Acq: 16 Dec 2024 21:12

Instrument :

BNA_N

ClientSampleId :

SLCS549

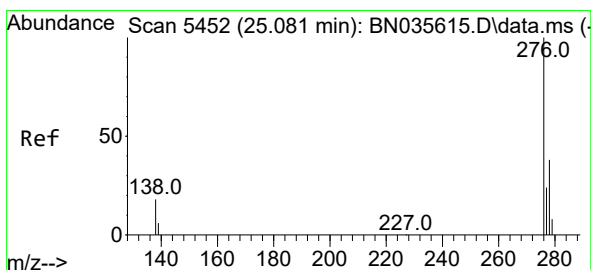
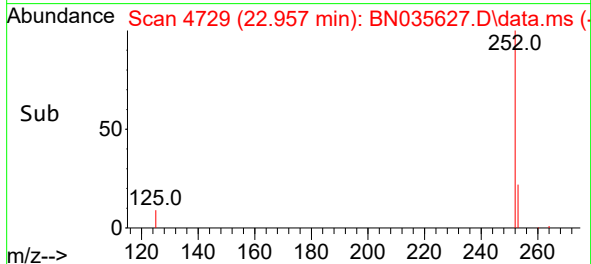
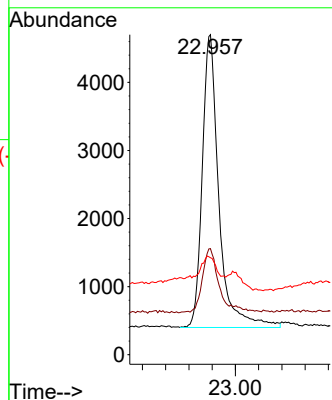
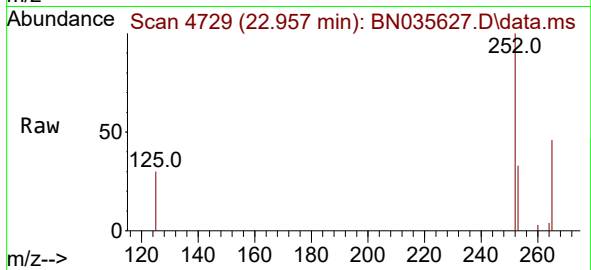
Tgt Ion:252 Resp: 8522

Ion Ratio Lower Upper

252 100

253 33.2 24.1 36.1

125 30.3 19.1 28.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng/ul

RT: 25.074 min Scan# 5450

Delta R.T. -0.007 min

Lab File: BN035627.D

Acq: 16 Dec 2024 21:12

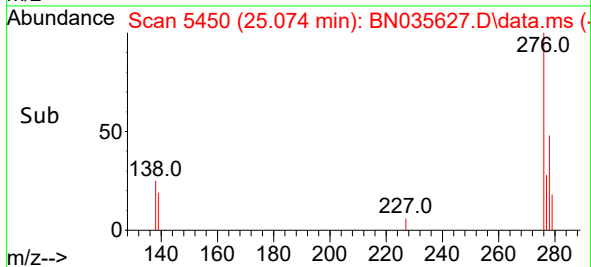
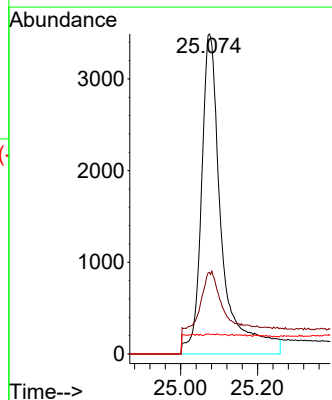
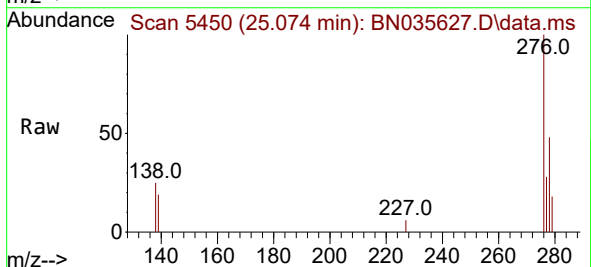
Tgt Ion:276 Resp: 12654

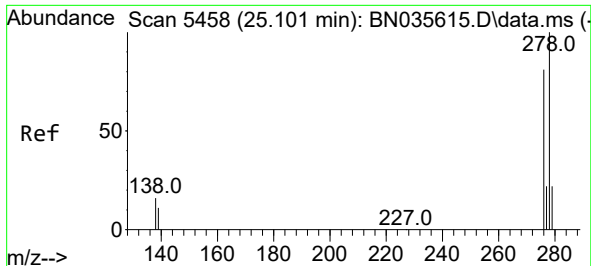
Ion Ratio Lower Upper

276 100

138 50.5 14.7 22.1#

227 24.6 21.6 32.4





#28

Dibenzo(a,h)anthracene

Concen: 0.380 ng/ul

RT: 25.091 min Scan# 5458

Delta R.T. -0.010 min

Lab File: BN035627.D

Acq: 16 Dec 2024 21:12

Instrument :

BNA_N

ClientSampleId :

SLCS549

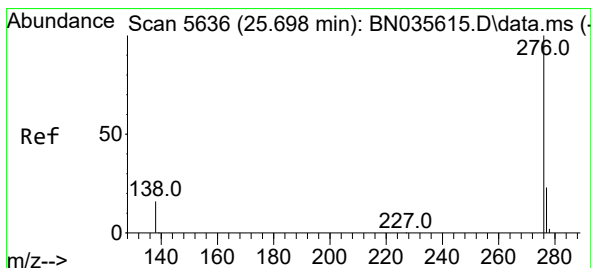
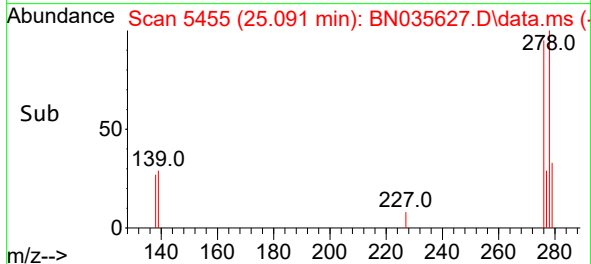
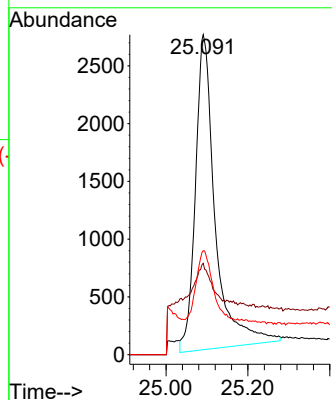
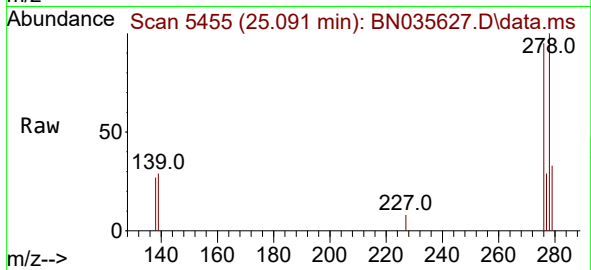
Tgt Ion:278 Resp: 9115

Ion Ratio Lower Upper

278 100

139 28.6 19.8 29.8

279 32.5 24.0 36.0



#29

Benzo(g,h,i)perylene

Concen: 0.340 ng/ul

RT: 25.685 min Scan# 5632

Delta R.T. -0.013 min

Lab File: BN035627.D

Acq: 16 Dec 2024 21:12

Tgt Ion:276 Resp: 8582

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

277 27.9 21.6 32.4

