

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032632.D
 Acq On : 11 Jul 2024 12:53
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV243

Quant Time: Jul 12 01:41:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

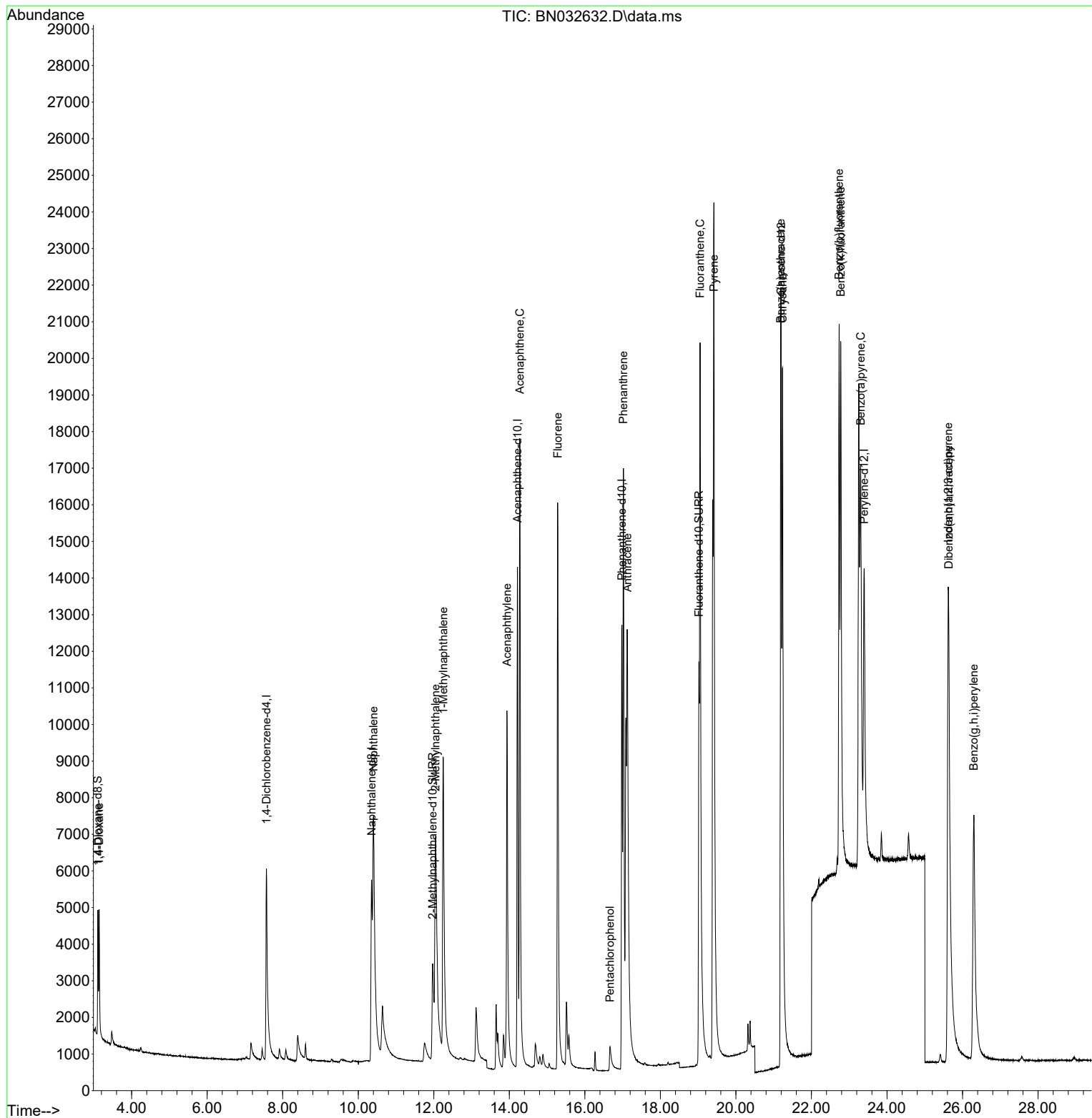
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	4855	0.400	ng/ul	0.00
4) Naphthalene-d8	10.354	136	15125	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	9758	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	20125	0.400	ng/ul	0.00
17) Chrysene-d12	21.197	240	14911	0.400	ng/ul	0.00
23) Perylene-d12	23.395	264	14997	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	2332	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	8812	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.022	212	20134	0.414	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.139	88	2629	0.396	ng/ul	98
5) Naphthalene	10.404	128	16564	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	10701	0.422	ng/ul	99
8) 1-Methylnaphthalene	12.252	142	9849	0.376	ng/ul	99
10) Acenaphthylene	13.939	152	16487	0.418	ng/ul	100
11) Acenaphthene	14.276	153	13154	0.403	ng/ul	99
12) Fluorene	15.280	166	15098	0.405	ng/ul	100
14) Pentachlorophenol	16.666	266	1181	0.334	ng/ul	98
15) Phenanthrene	17.020	178	23031	0.420	ng/ul	99
16) Anthracene	17.126	178	19934	0.445	ng/ul	99
19) Fluoranthene	19.050	202	25819	0.426	ng/ul	99
20) Pyrene	19.417	202	27311	0.435	ng/ul	99
21) Benzo(a)anthracene	21.185	228	17943	0.378	ng/ul	100
22) Chrysene	21.235	228	27645	0.403	ng/ul	100
24) Benzo(b)fluoranthene	22.734	252	21408	0.405	ng/ul	99
25) Benzo(k)fluoranthene	22.775	252	24372	0.378	ng/ul	99
26) Benzo(a)pyrene	23.304	252	20257	0.442	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.623	276	24594	0.397	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.636	278	19086	0.397	ng/ul	100
29) Benzo(g,h,i)perylene	26.300	276	20533	0.396	ng/ul	99

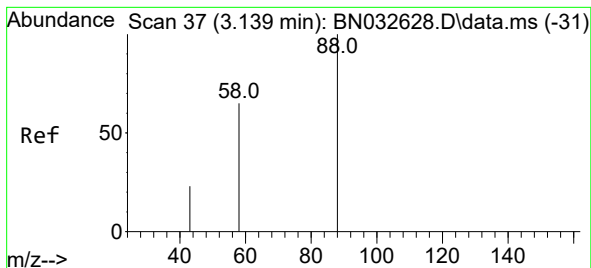
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.396 ng/ul

RT: 3.139 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN032632.D

Acq: 11 Jul 2024 12:53

Instrument :

BNA_N

ClientSampleId :

SICV243

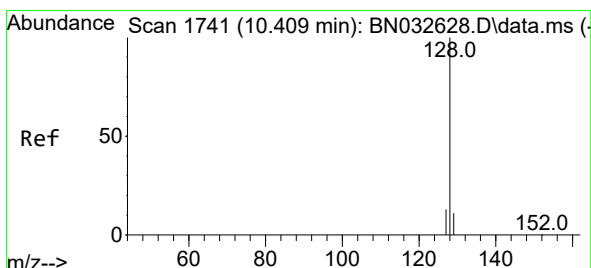
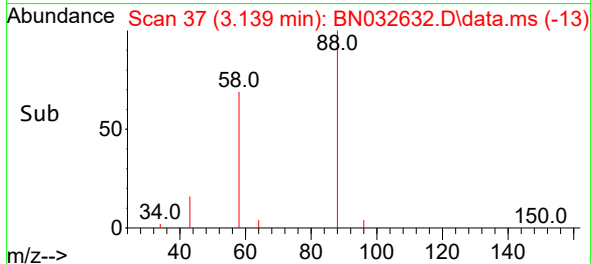
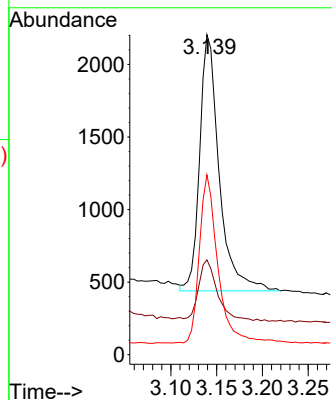
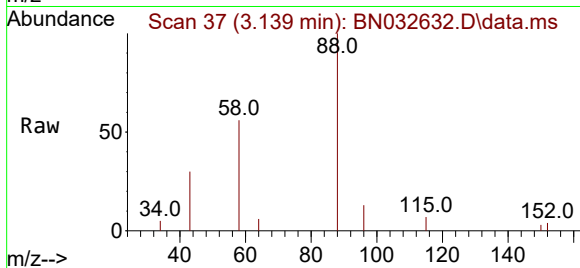
Tgt Ion: 88 Resp: 2629

Ion Ratio Lower Upper

88 100

43 29.7 24.0 36.0

58 56.2 43.3 64.9



#5

Naphthalene

Concen: 0.408 ng/ul

RT: 10.404 min Scan# 1740

Delta R.T. -0.005 min

Lab File: BN032632.D

Acq: 11 Jul 2024 12:53

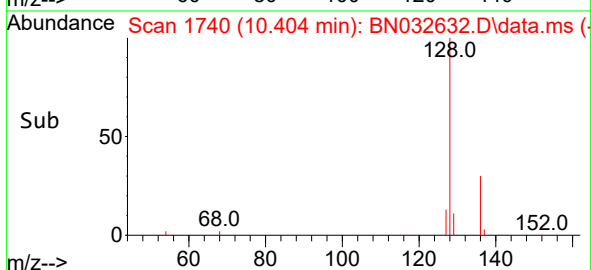
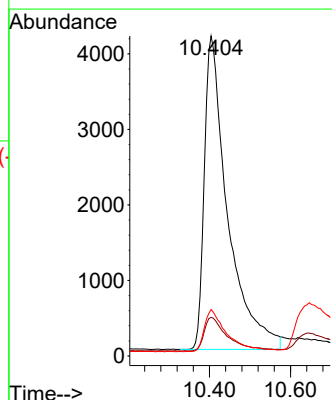
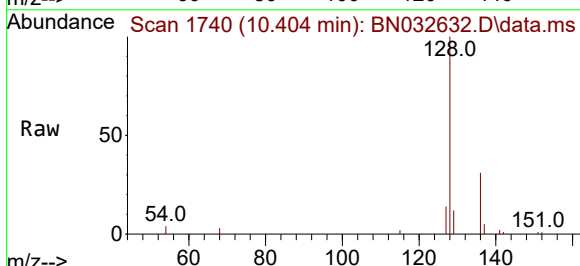
Tgt Ion: 128 Resp: 16564

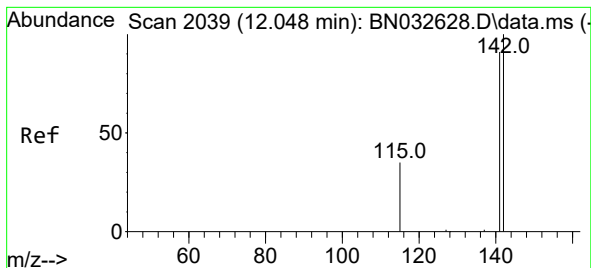
Ion Ratio Lower Upper

128 100

129 12.1 10.0 15.0

127 14.5 11.6 17.4

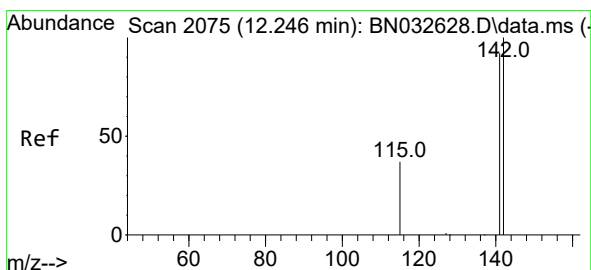
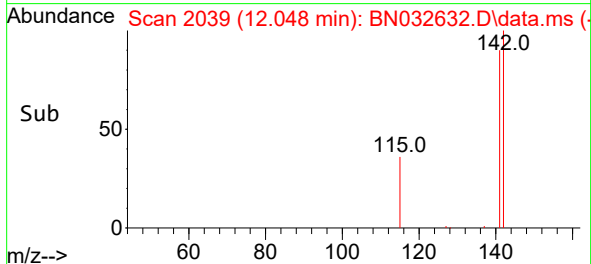
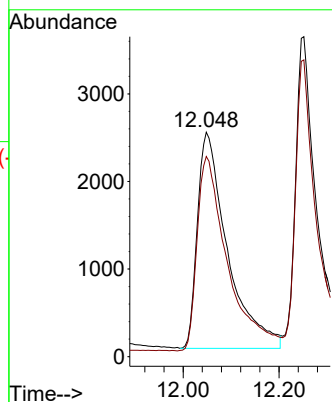
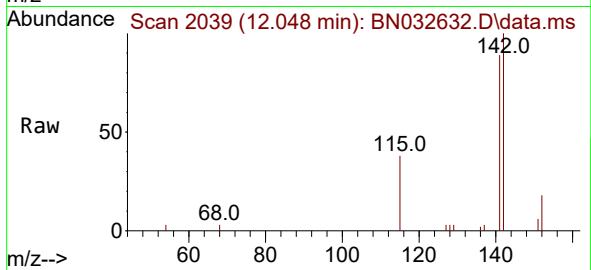




#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

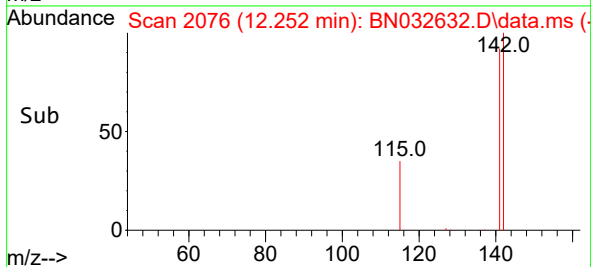
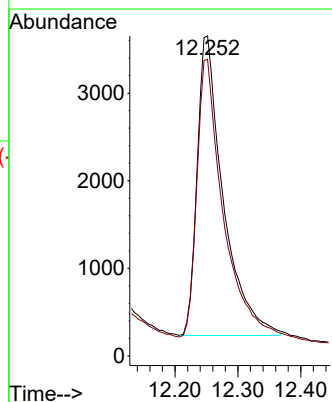
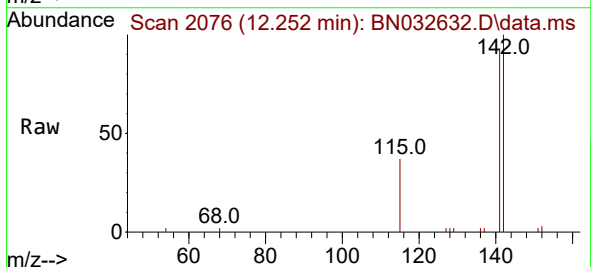
Instrument :
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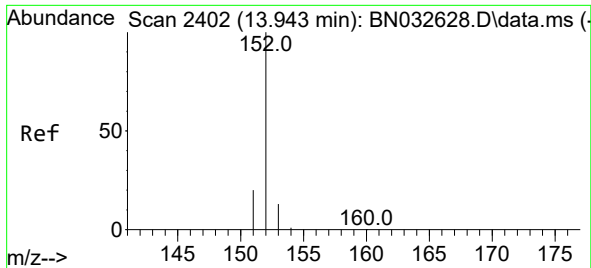
Tgt Ion:142 Resp: 10701
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.252 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion:142 Resp: 9849
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4

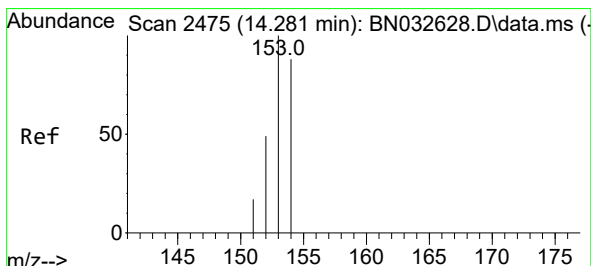
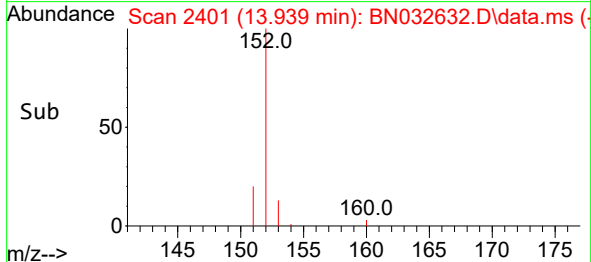
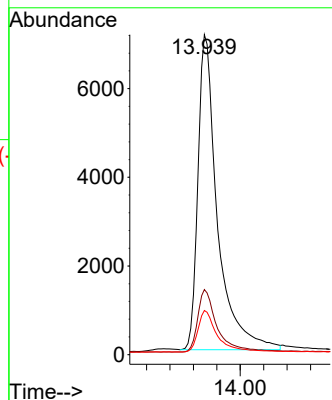
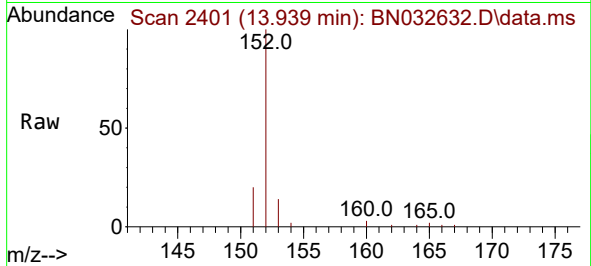




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.939 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

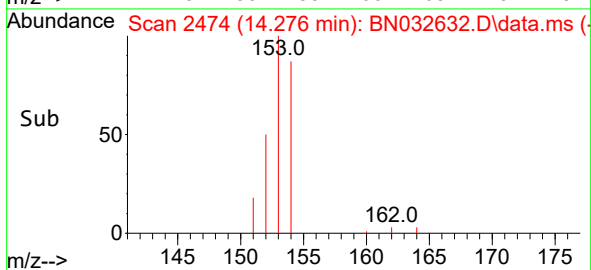
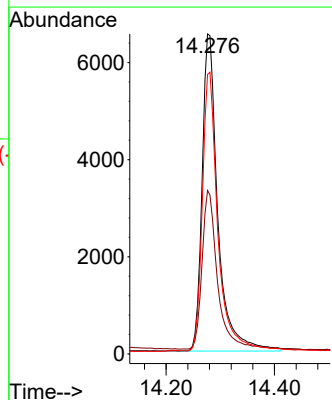
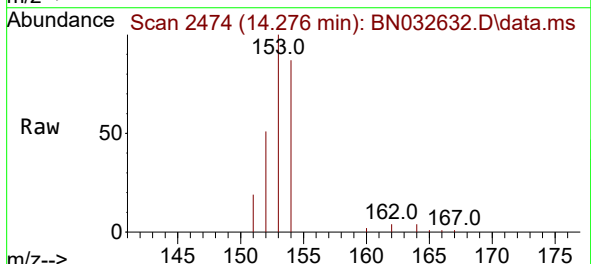
Instrument :
BNA_N
ClientSampleId :
SICV243

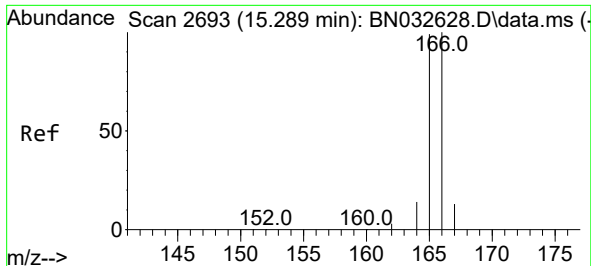
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.8	11.3	16.9



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.004 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.0	60.0
154	87.3	70.2	105.4

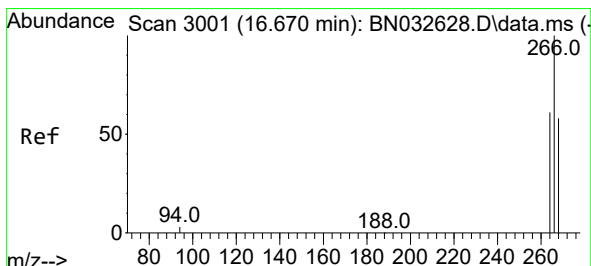
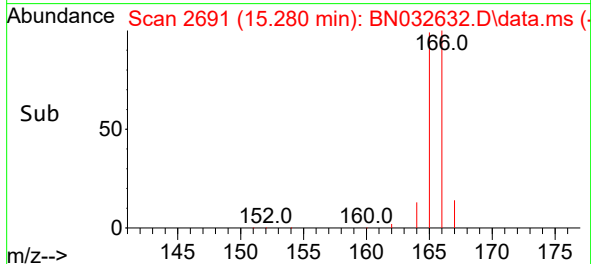
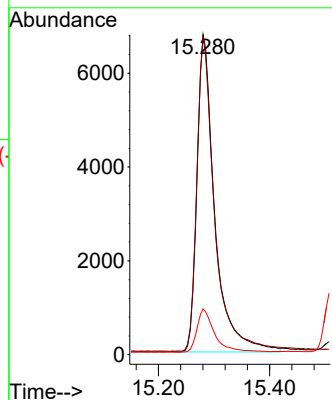
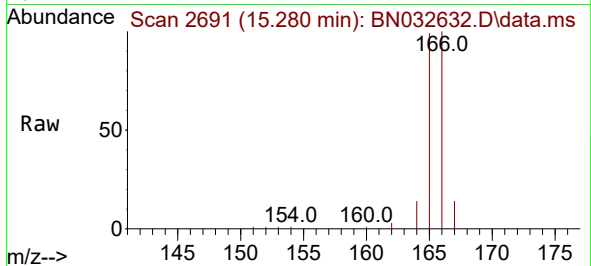




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.280 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

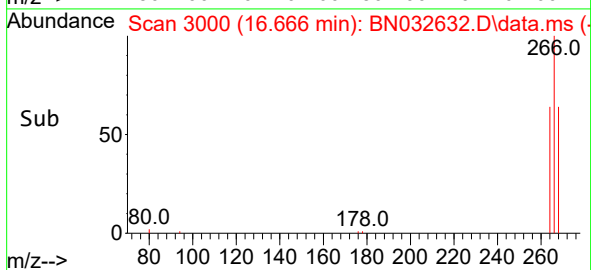
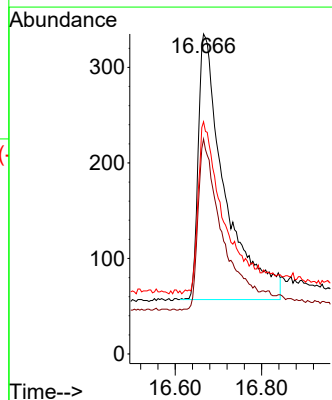
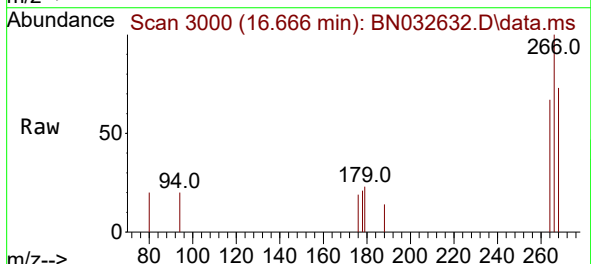
Instrument :
BNA_N
ClientSampleId :
SICV243

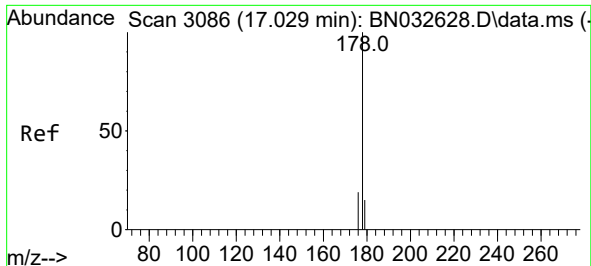
Tgt Ion:166 Resp: 15098
Ion Ratio Lower Upper
166 100
165 99.1 79.7 119.5
167 14.3 11.4 17.2



#14
Pentachlorophenol
Concen: 0.334 ng/ul
RT: 16.666 min Scan# 3000
Delta R.T. -0.004 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion:266 Resp: 1181
Ion Ratio Lower Upper
266 100
264 63.1 49.4 74.2
268 67.1 51.6 77.4

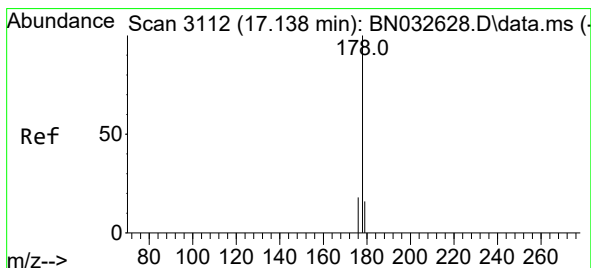
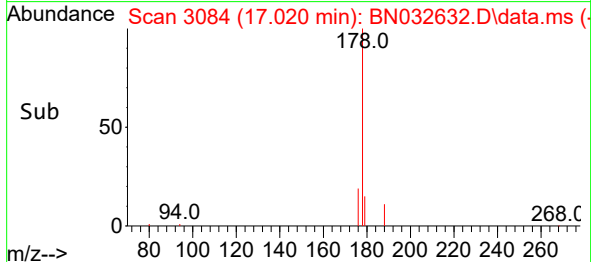
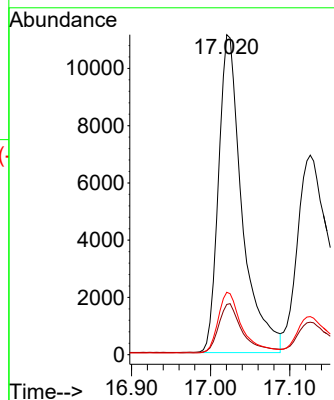
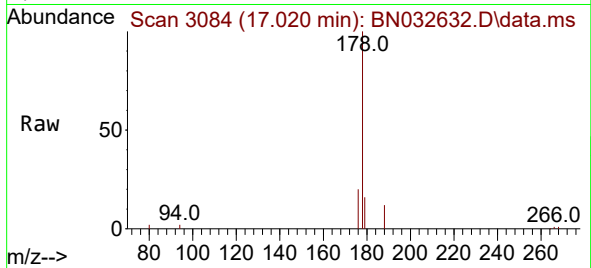




#15
Phenanthrene
Concen: 0.420 ng/ul
RT: 17.020 min Scan# 3084
Delta R.T. -0.008 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

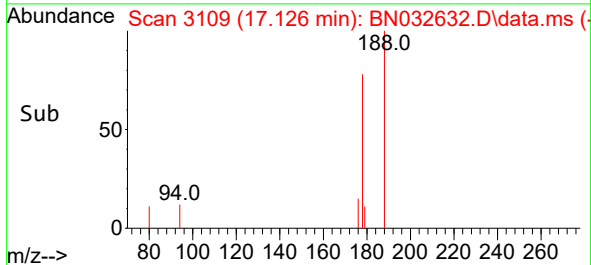
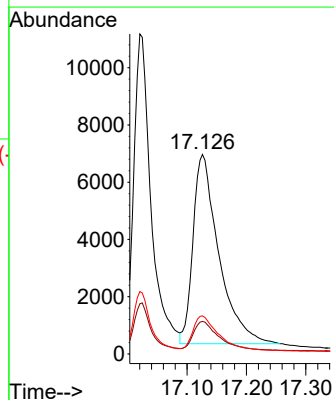
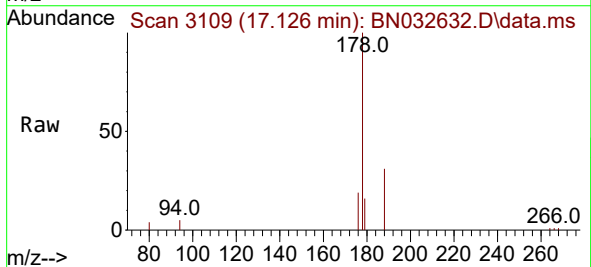
Instrument :
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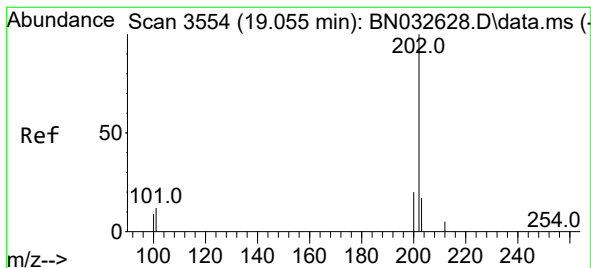
Tgt Ion:178 Resp: 23031
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.445 ng/ul
RT: 17.126 min Scan# 3109
Delta R.T. -0.013 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion:178 Resp: 19934
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 19.1 15.4 23.0





#19

Fluoranthene

Concen: 0.426 ng/ul

RT: 19.050 min Scan# 3554

Delta R.T. -0.005 min

Lab File: BN032632.D

Acq: 11 Jul 2024 12:53

Instrument :

BNA_N

ClientSampleId :

SICV243

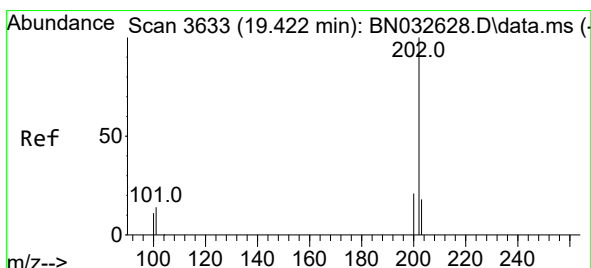
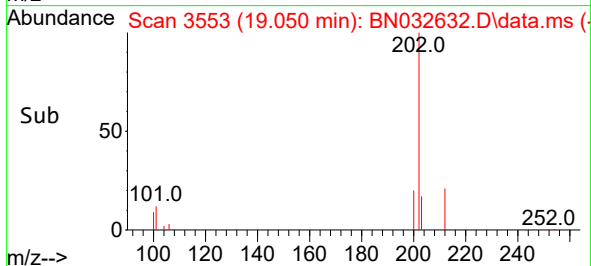
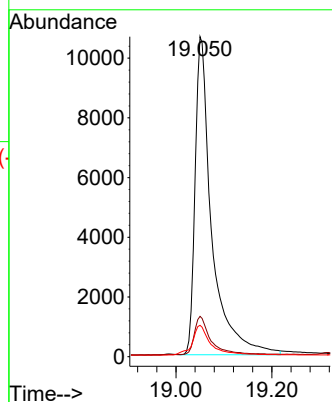
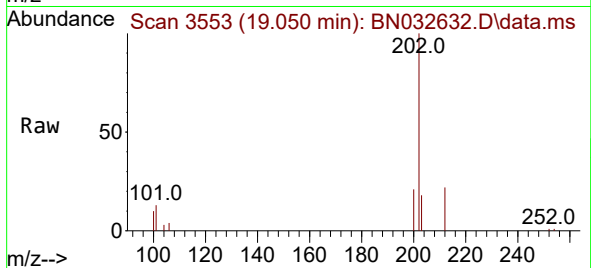
Tgt Ion:202 Resp: 25819

Ion Ratio Lower Upper

202 100

101 12.6 9.8 14.8

100 9.8 7.9 11.9



#20

Pyrene

Concen: 0.435 ng/ul

RT: 19.417 min Scan# 3632

Delta R.T. -0.005 min

Lab File: BN032632.D

Acq: 11 Jul 2024 12:53

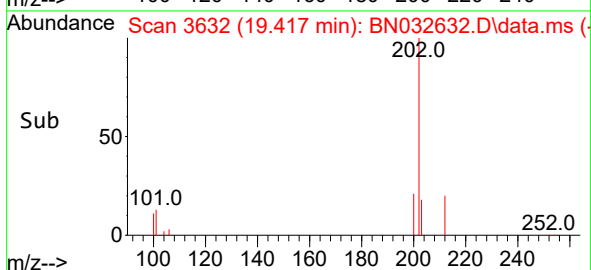
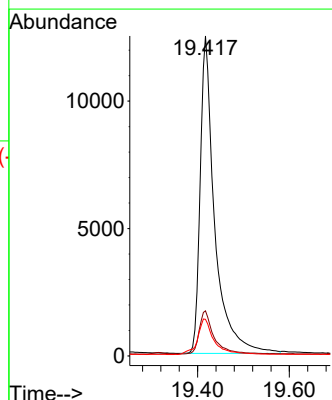
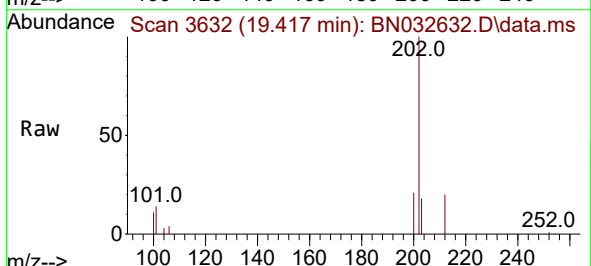
Tgt Ion:202 Resp: 27311

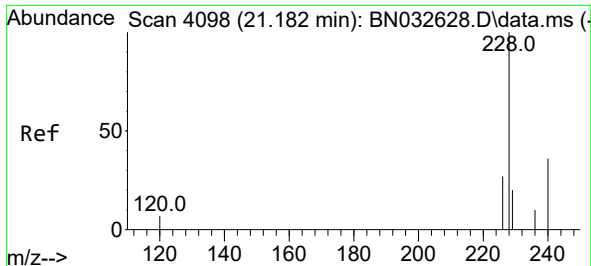
Ion Ratio Lower Upper

202 100

101 14.1 11.8 17.6

100 11.4 9.6 14.4

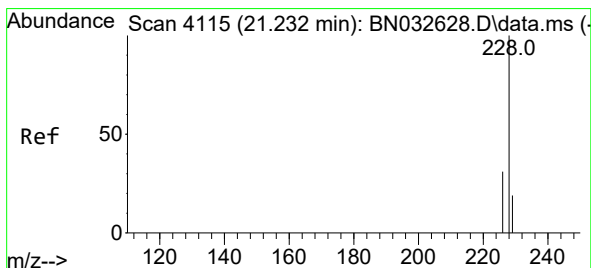
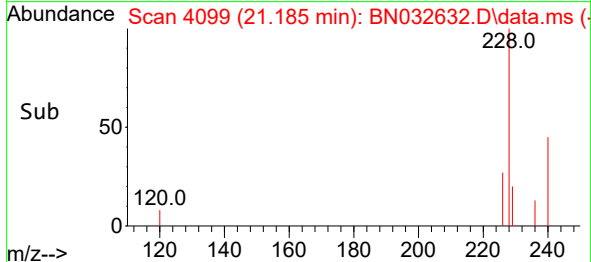
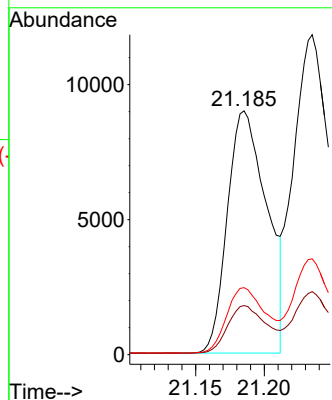
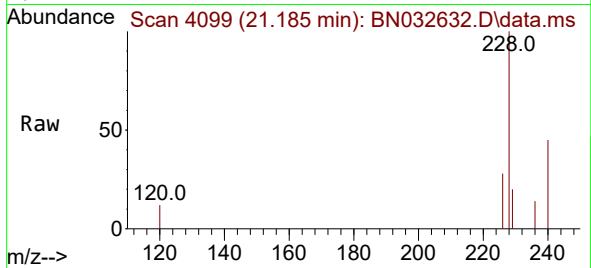




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.185 min Scan# 4098
Delta R.T. 0.003 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

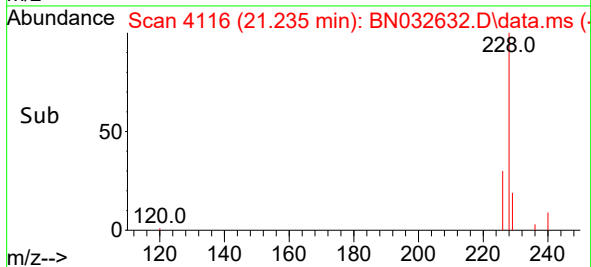
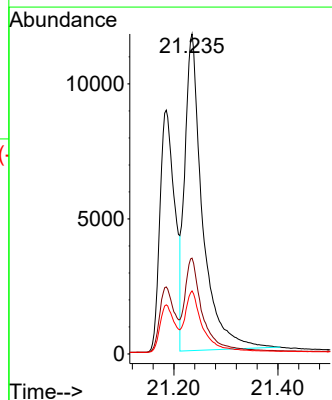
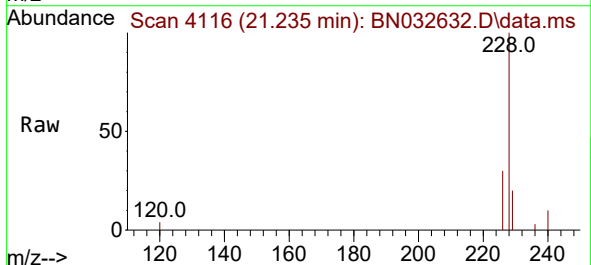
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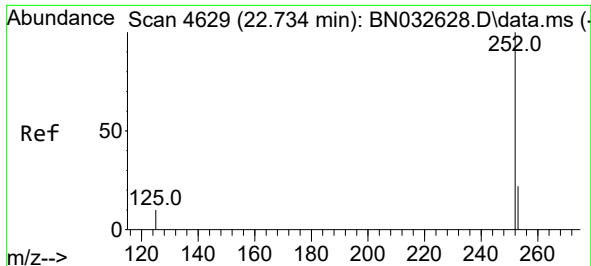
Tgt Ion:228 Resp: 17943
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.235 min Scan# 4116
Delta R.T. 0.003 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion:228 Resp: 27645
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.7 15.8 23.6

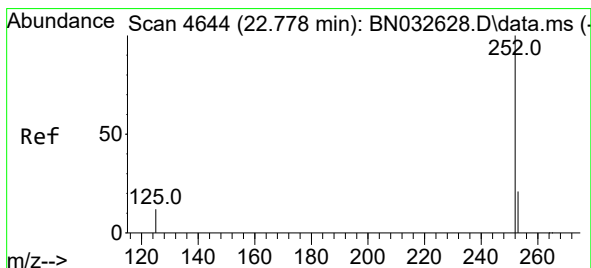
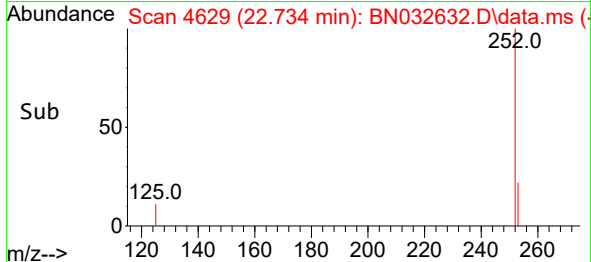
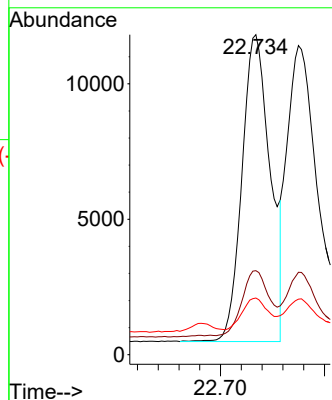
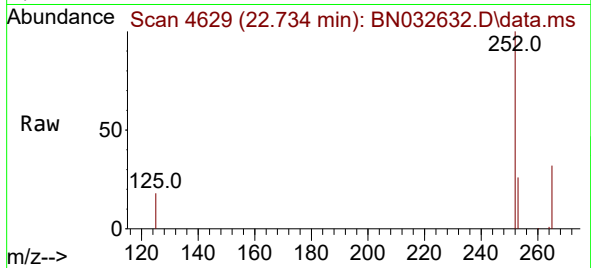




#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.734 min Scan# 4629
Delta R.T. 0.000 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

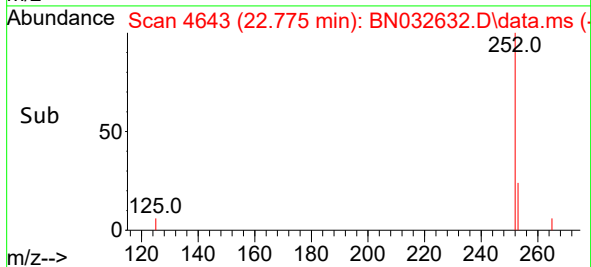
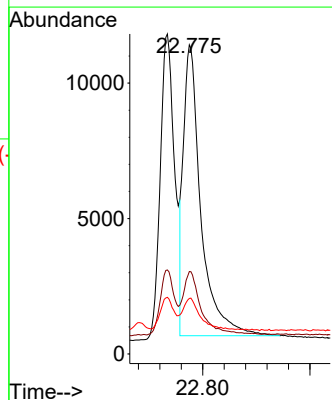
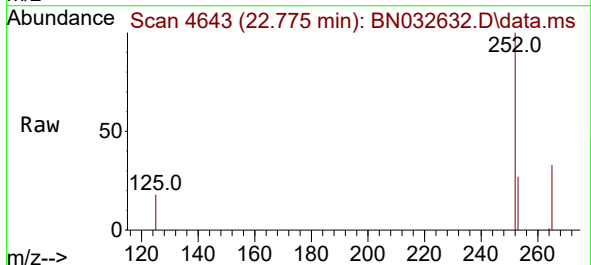
Instrument :
BNA_N
ClientSampleId :
SICV243

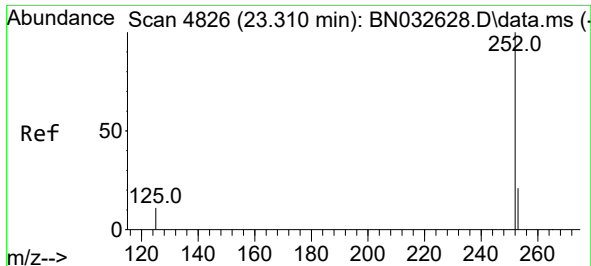
Tgt Ion:252 Resp: 21408
Ion Ratio Lower Upper
252 100
253 26.3 0.0 54.0
125 17.7 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.775 min Scan# 4643
Delta R.T. -0.003 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion:252 Resp: 24372
Ion Ratio Lower Upper
252 100
253 26.7 21.2 31.8
125 17.9 14.8 22.2

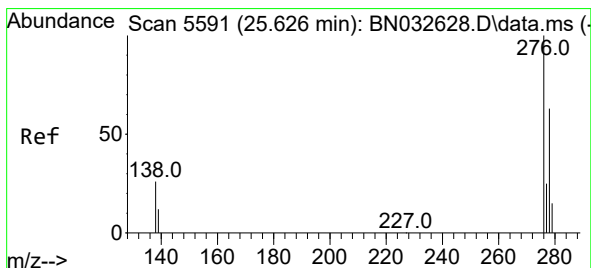
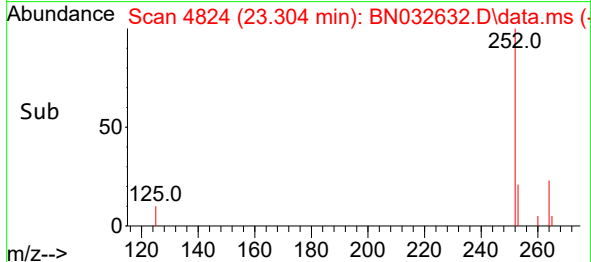
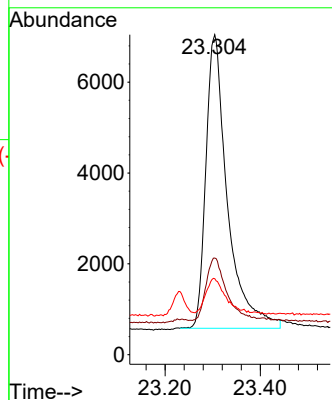
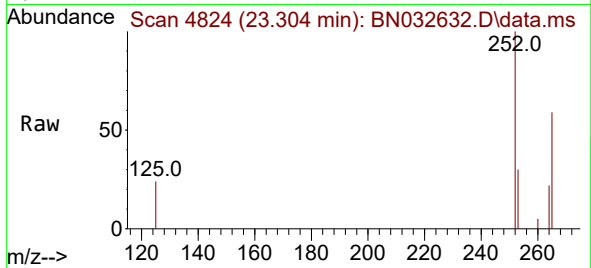




#26
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.304 min Scan# 4826
Delta R.T. -0.006 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

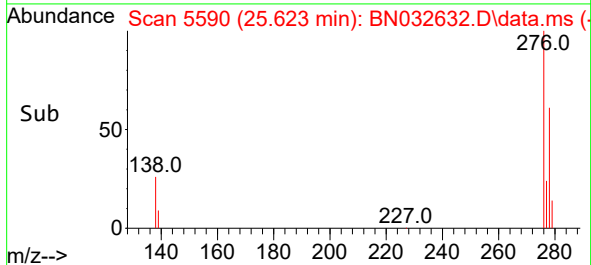
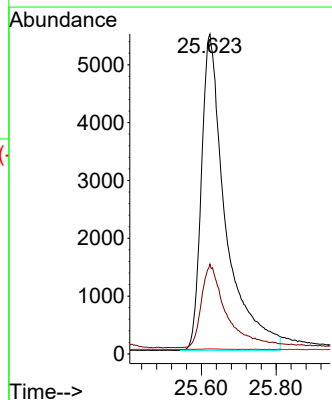
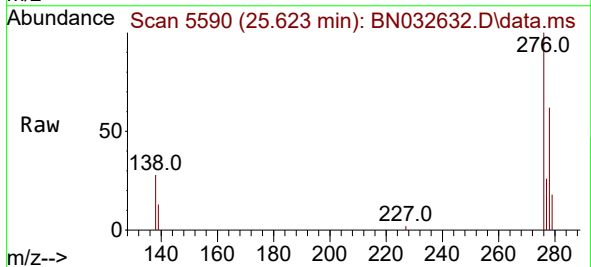
Instrument :
BNA_N
ClientSampleId :
SICV243

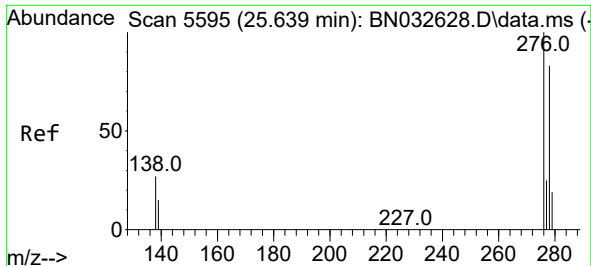
Tgt Ion:252	Resp:	20257
Ion Ratio	Lower	Upper
252	100	
253	30.2	25.4 38.0
125	23.8	20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 25.623 min Scan# 5590
Delta R.T. -0.003 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion:276	Resp:	24594
Ion Ratio	Lower	Upper
276	100	
138	27.2	21.6 32.4
227	0.1	0.0 0.0#

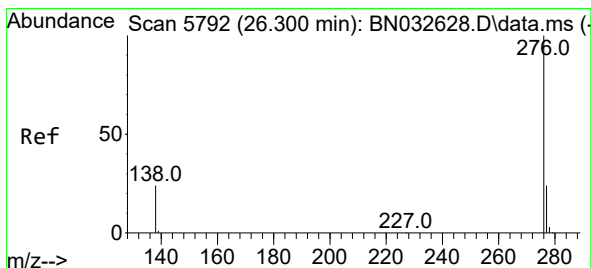
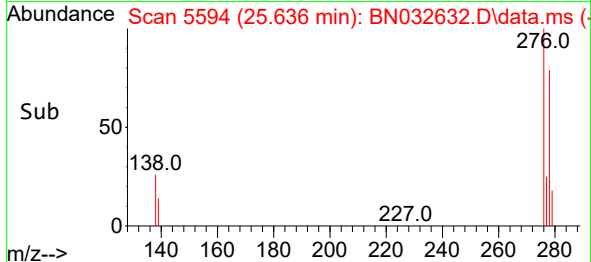
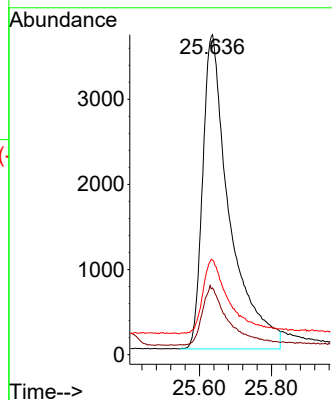
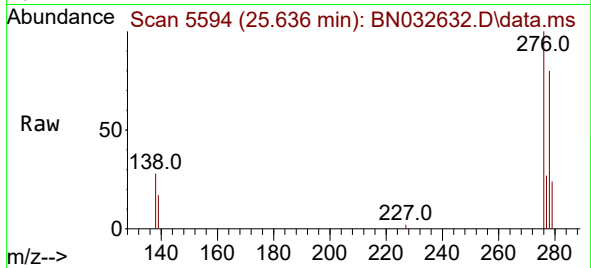




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 25.636 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Instrument :
BNA_N
ClientSampleId :
SICV243

Tgt Ion:278 Resp: 19086
Ion Ratio Lower Upper
278 100
139 20.9 16.6 24.8
279 29.6 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.300 min Scan# 5792
Delta R.T. 0.000 min
Lab File: BN032632.D
Acq: 11 Jul 2024 12:53

Tgt Ion:276 Resp: 20533
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.4
277 25.5 20.6 31.0

