

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033745.D
 Acq On : 03 Sep 2024 17:34
 Operator : MA/JU
 Sample : PB163096BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS096

Quant Time: Sep 04 01:42:22 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 : Wed Sep 04 01:39:37 2024
 Response via : Initial Calibration

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

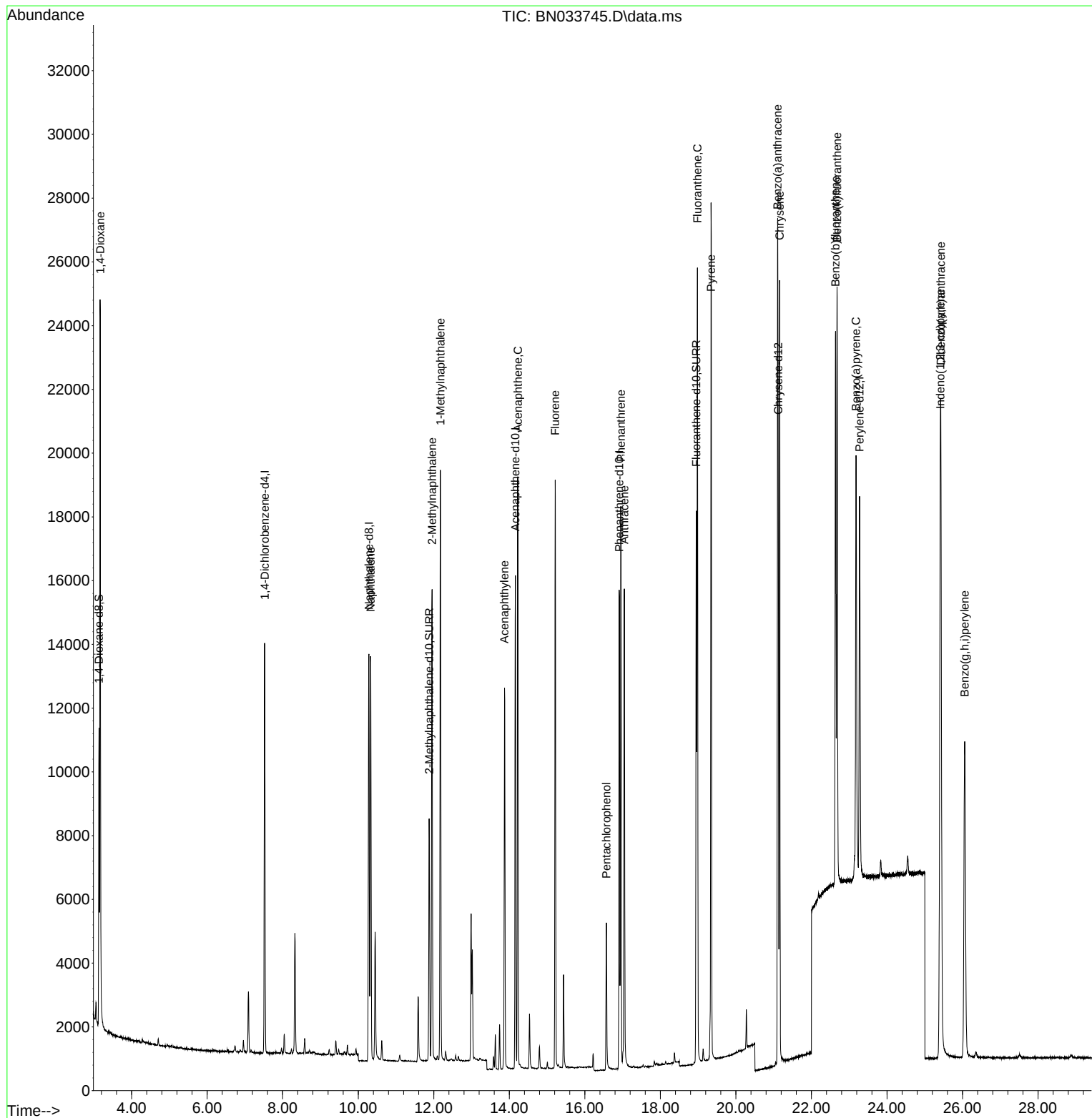
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.283	136	16977	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.161	164	8365	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.915	188	17148	0.400	ng/ul	0.00
17) Chrysene-d12	21.121	240	13639	0.400	ng/ul	0.00
23) Perylene-d12	23.275	264	14699	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	5215	0.812	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152	9946	0.408	ng/ul	0.00
18) Fluoranthene-d10	18.952	212	18811	0.463	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	13612	1.910	ng/ul#	78
5) Naphthalene	10.327	128	16752	0.369	ng/ul	100
7) 2-Methylnaphthalene	11.955	142	10515	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.175	142	12399	0.419	ng/ul	99
10) Acenaphthylene	13.874	152	13466	0.354	ng/ul	99
11) Acenaphthene	14.225	153	10817	0.394	ng/ul	99
12) Fluorene	15.215	166	11684	0.381	ng/ul	99
14) Pentachlorophenol	16.568	266	3255	0.603	ng/ul	99
15) Phenanthrene	16.953	178	18434	0.364	ng/ul	99
16) Anthracene	17.046	178	16591	0.365	ng/ul	99
19) Fluoranthene	18.980	202	20915	0.389	ng/ul	99
20) Pyrene	19.343	202	22072	0.386	ng/ul	98
21) Benzo(a)anthracene	21.103	228	20251	0.377	ng/ul	99
22) Chrysene	21.159	228	20691	0.381	ng/ul	99
24) Benzo(b)fluoranthene	22.637	252	20808	0.365	ng/ul	99
25) Benzo(k)fluoranthene	22.678	252	21478	0.376	ng/ul	98
26) Benzo(a)pyrene	23.181	252	19290	0.421	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.411	276	25198	0.366	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.425	278	19572	0.366	ng/ul	99
29) Benzo(g,h,i)perylene	26.059	276	19725	0.367	ng/ul	100

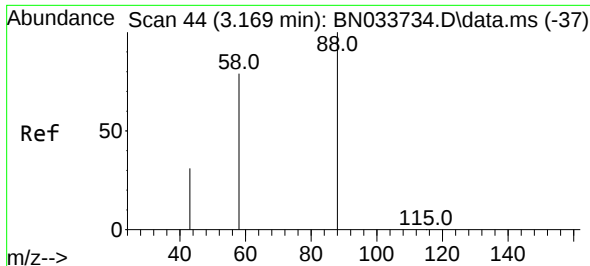
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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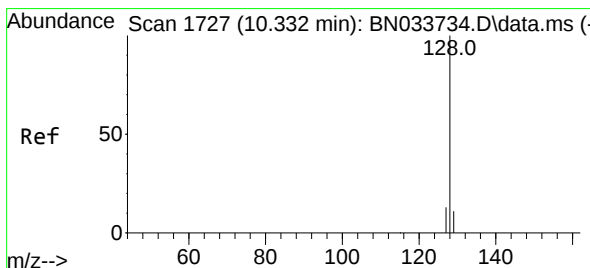
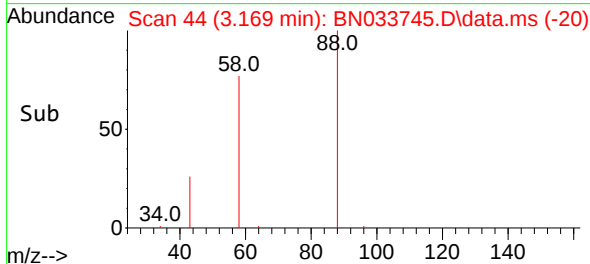
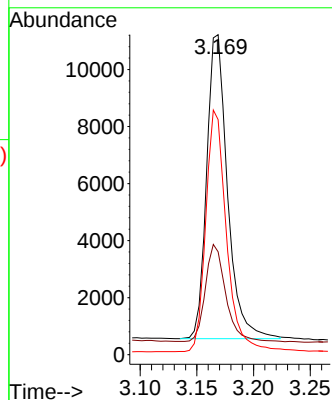
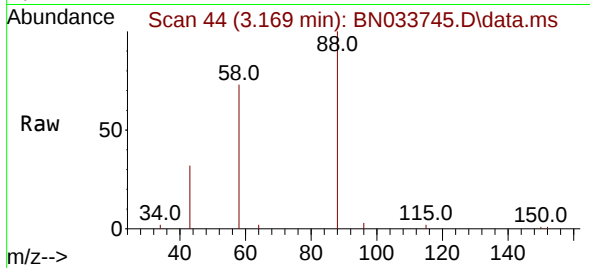




#2
1,4-Dioxane
Concen: 1.910 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

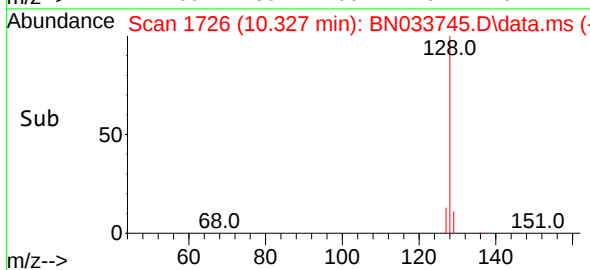
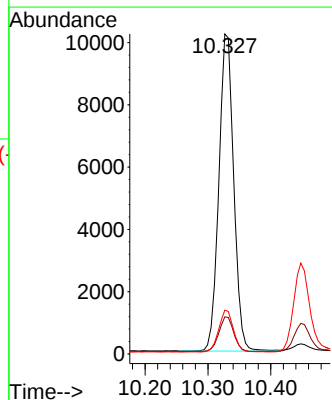
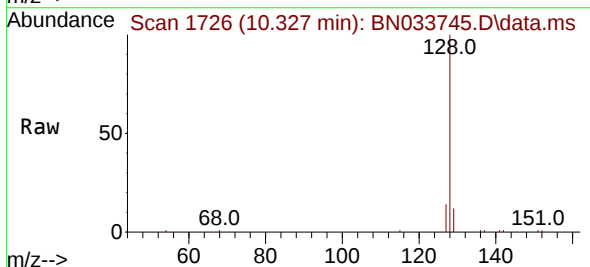
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BNA_N
ClientSampleId :
SLCS096

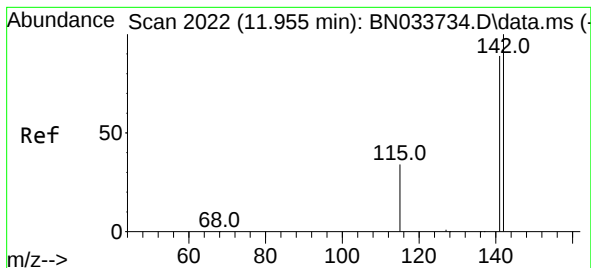
Tgt Ion: 88 Resp: 13612
Ion Ratio Lower Upper
88 100
43 32.2 47.0 70.4#
58 73.5 53.0 79.4



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.327 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:128 Resp: 16752
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 10.8 16.2

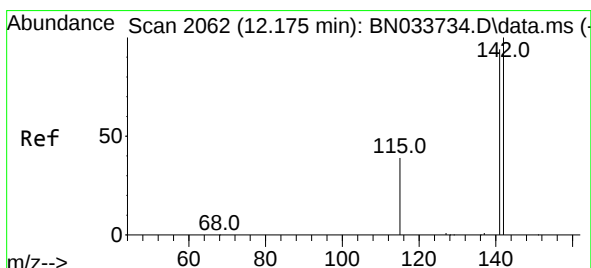
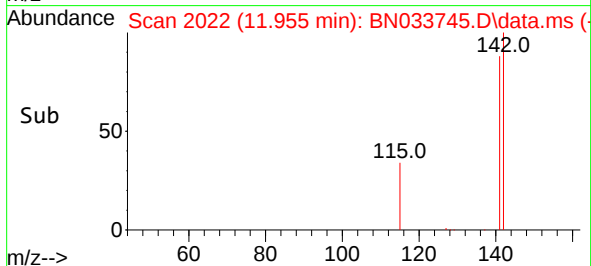
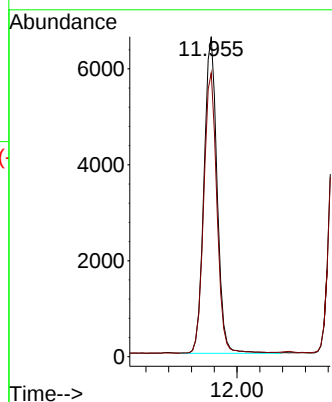
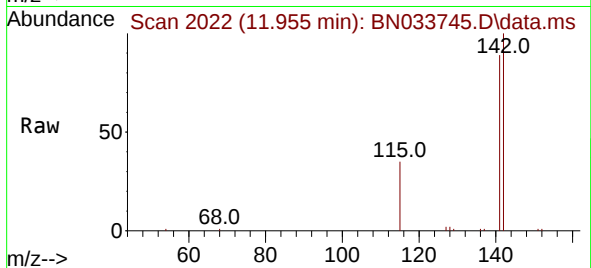




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 11.955 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

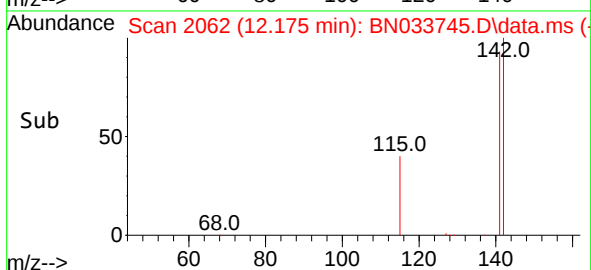
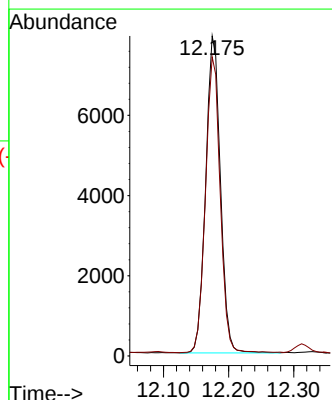
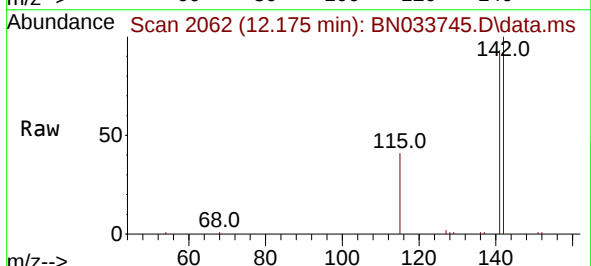
Instrument :
BNA_N
ClientSampleId :
SLCS096

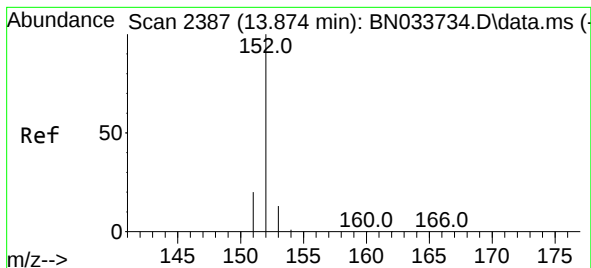
Tgt Ion:142 Resp: 10515
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.175 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:142 Resp: 12399
Ion Ratio Lower Upper
142 100
141 93.2 73.6 110.4





#10

Acenaphthylene

Concen: 0.354 ng/ul

RT: 13.874 min Scan# 2387

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

Instrument :

BNA_N

ClientSampleId :

SLCS096

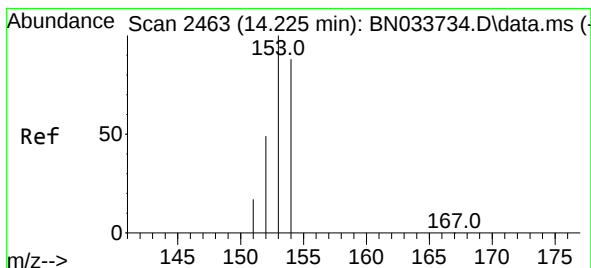
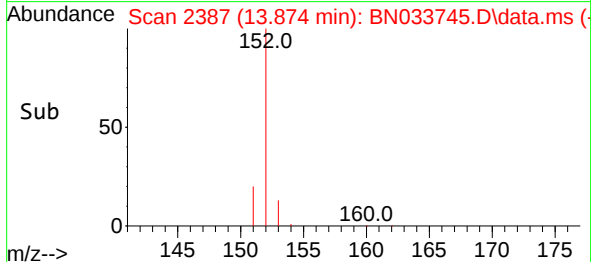
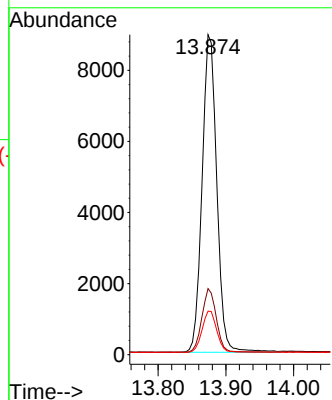
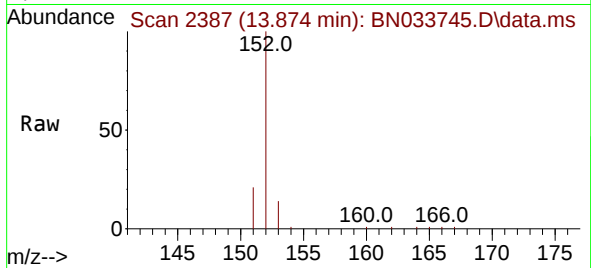
Tgt Ion:152 Resp: 13466

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.6 10.8 16.2



#11

Acenaphthene

Concen: 0.394 ng/ul

RT: 14.225 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

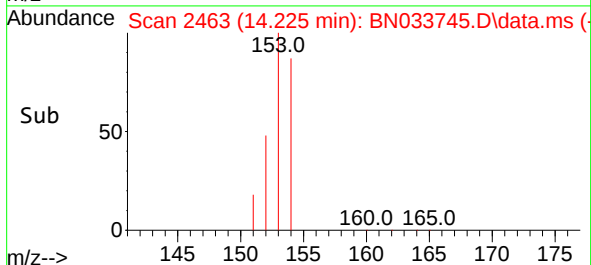
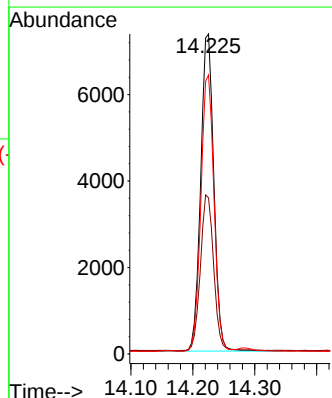
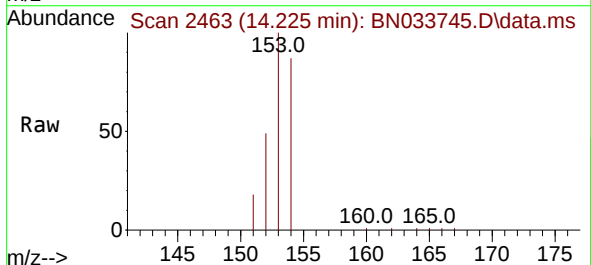
Tgt Ion:153 Resp: 10817

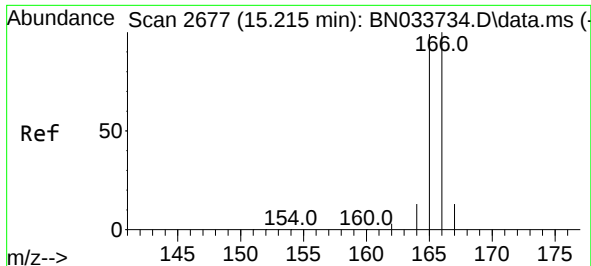
Ion Ratio Lower Upper

153 100

152 48.8 39.8 59.8

154 87.1 69.0 103.6

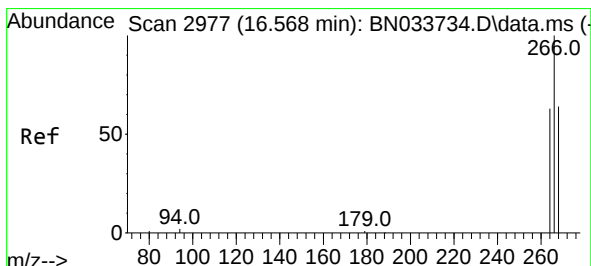
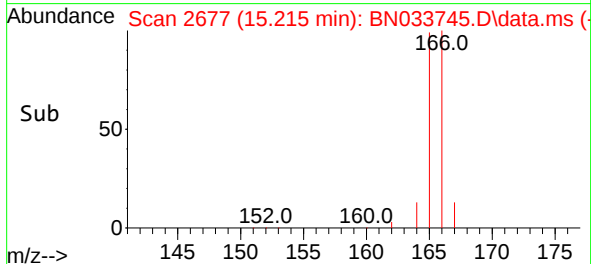
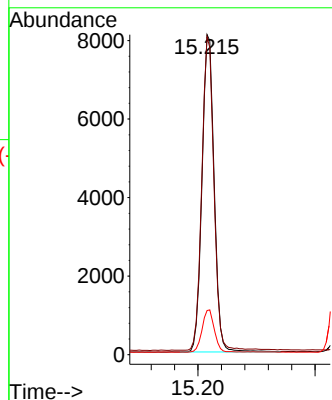
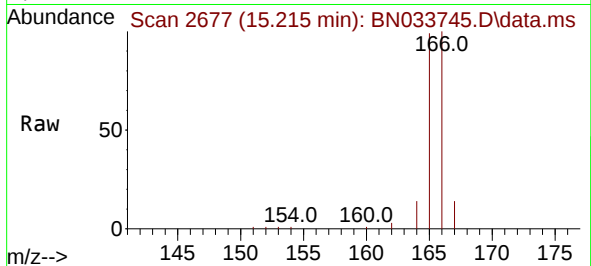




#12
 Fluorene
 Concen: 0.381 ng/ul
 RT: 15.215 min Scan# 2677
 Delta R.T. 0.000 min
 Lab File: BN033745.D
 Acq: 03 Sep 2024 17:34

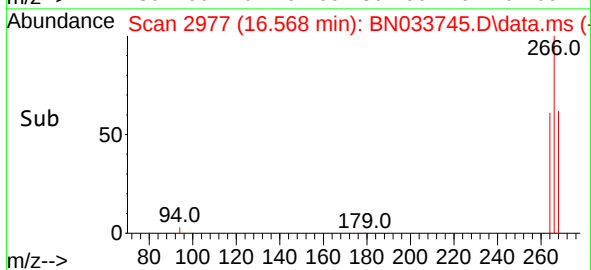
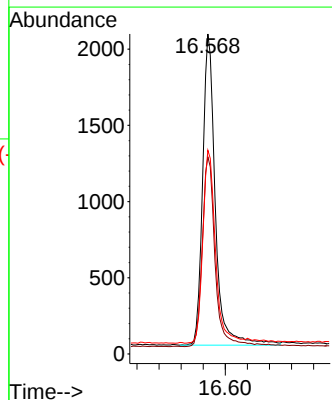
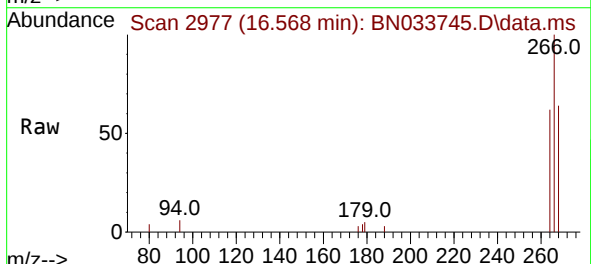
Instrument :
 BNA_N
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 SLCS096

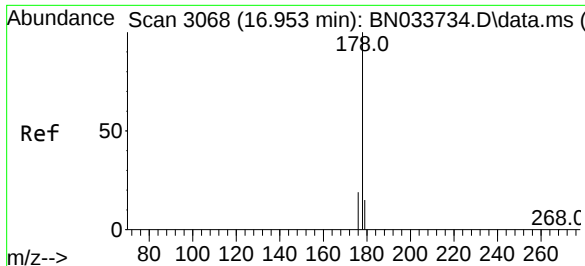
Tgt Ion:166	Resp:	11684
Ion Ratio	Lower	Upper
166	100	
165	99.4	79.1 118.7
167	13.8	11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.603 ng/ul
 RT: 16.568 min Scan# 2977
 Delta R.T. 0.000 min
 Lab File: BN033745.D
 Acq: 03 Sep 2024 17:34

Tgt Ion:266	Resp:	3255
Ion Ratio	Lower	Upper
266	100	
264	62.4	50.3 75.5
268	64.0	51.7 77.5

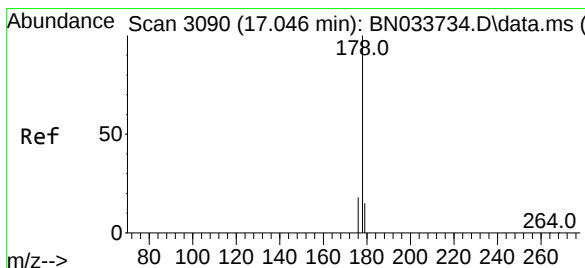
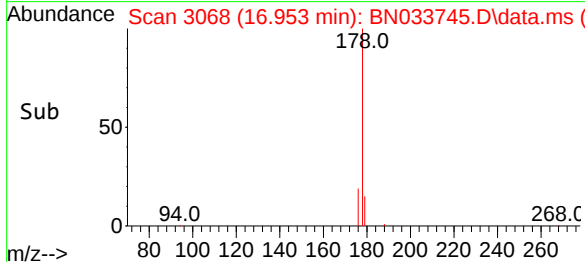
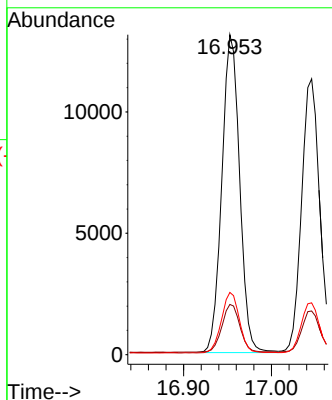
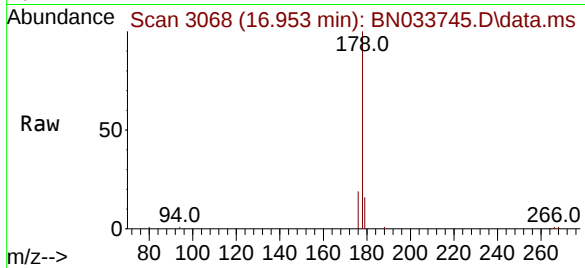




#15
Phenanthrene
Concen: 0.364 ng/u1
RT: 16.953 min Scan# 3068
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

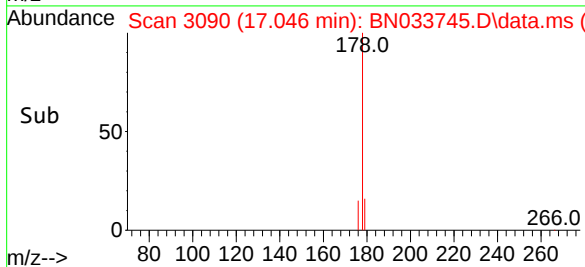
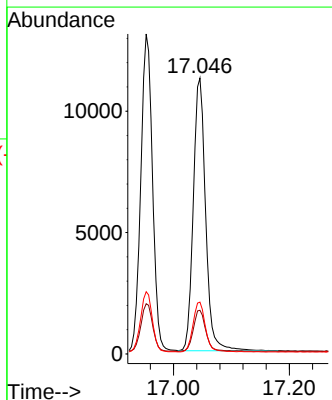
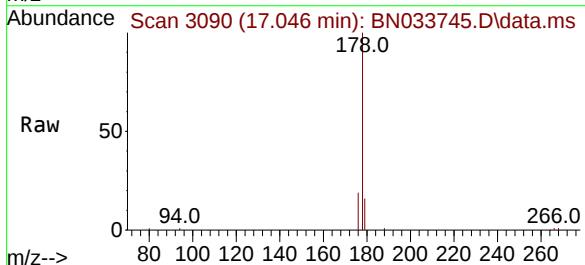
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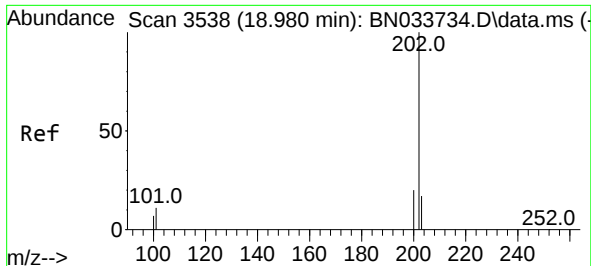
Tgt Ion:178 Resp: 18434
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.365 ng/u1
RT: 17.046 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:178 Resp: 16591
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 18.8 15.2 22.8

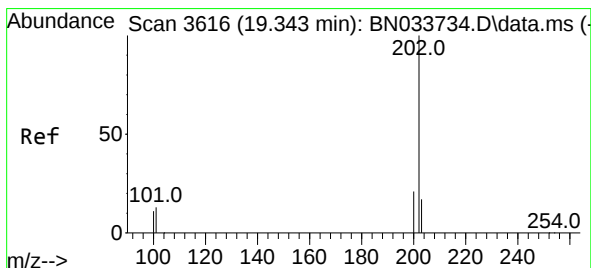
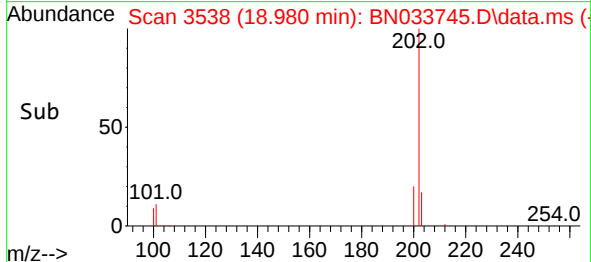
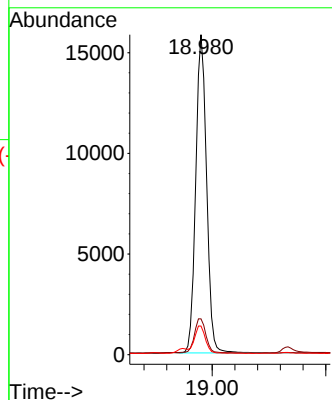
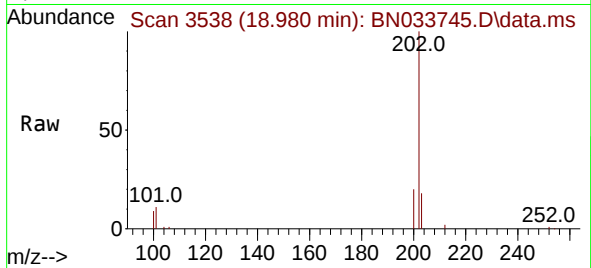




#19
Fluoranthene
Concen: 0.389 ng/u1
RT: 18.980 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

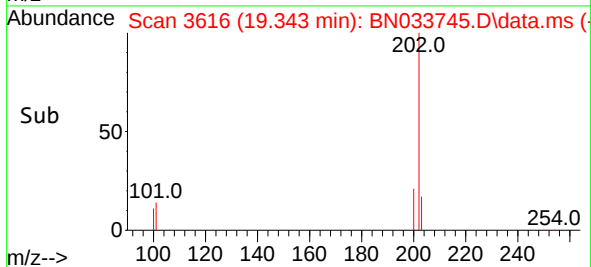
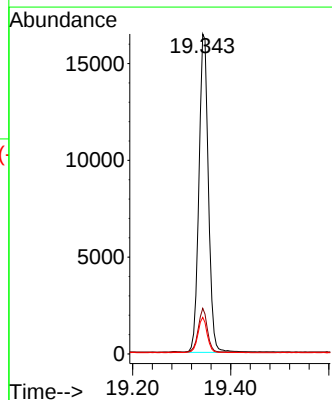
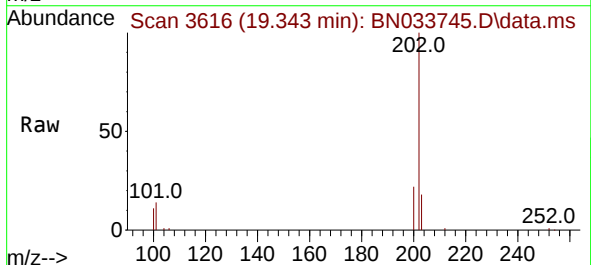
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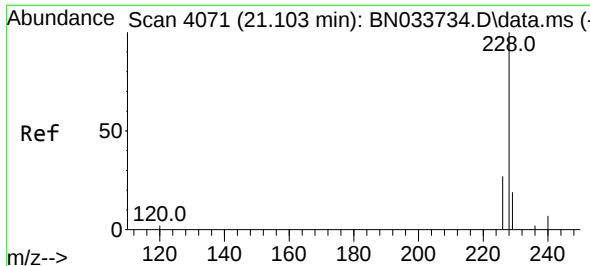
Tgt Ion:202 Resp: 20915
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.4
100 9.0 6.7 10.1



#20
Pyrene
Concen: 0.386 ng/u1
RT: 19.343 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:202 Resp: 22072
Ion Ratio Lower Upper
202 100
101 14.2 10.8 16.2
100 11.5 8.7 13.1

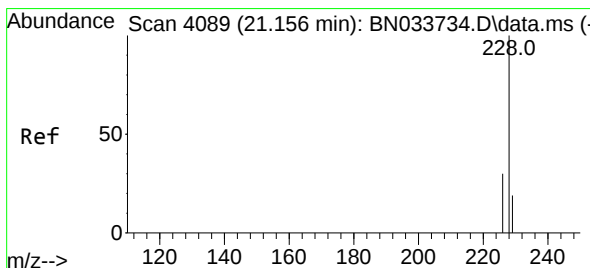
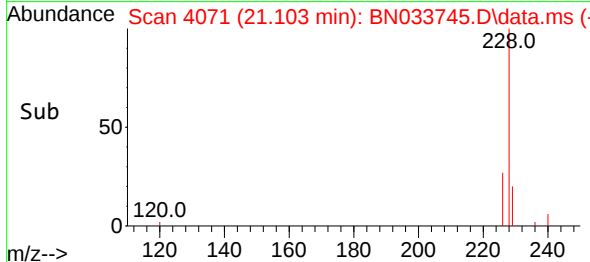
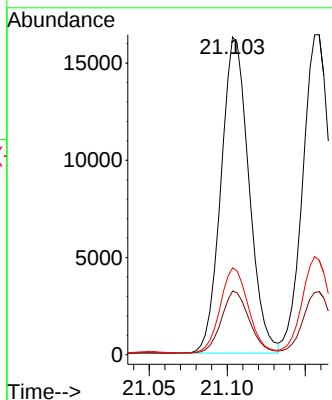
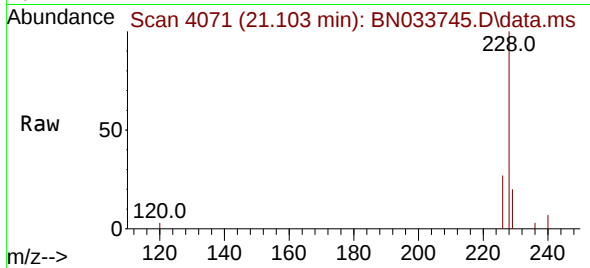




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.103 min Scan# 4071
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

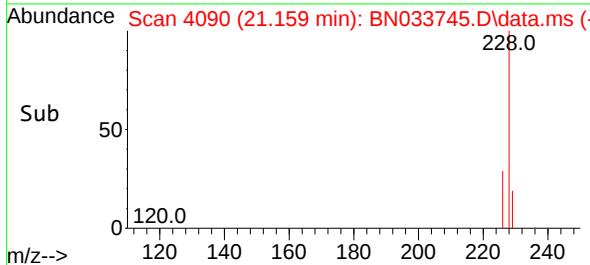
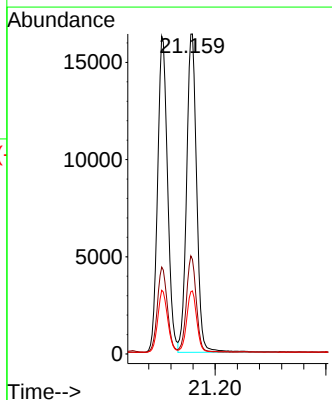
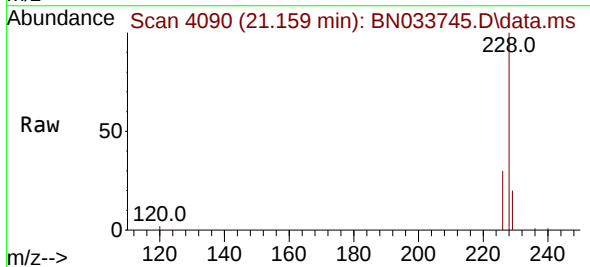
Instrument :
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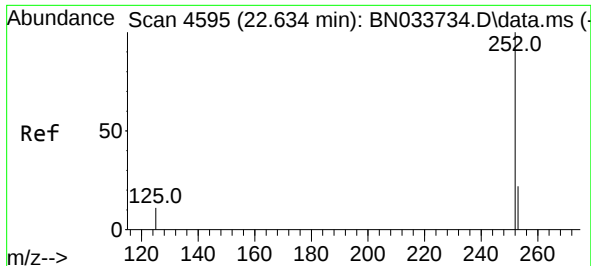
Tgt Ion:228 Resp: 20251
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. 0.003 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:228 Resp: 20691
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.7 15.6 23.4

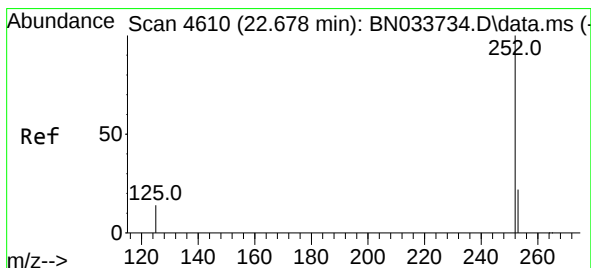
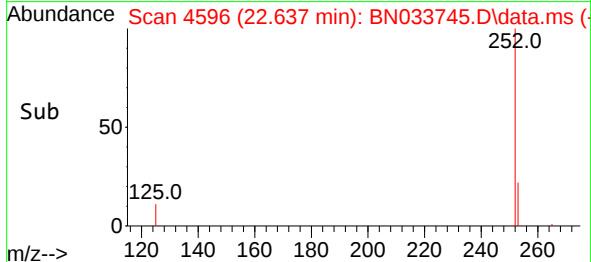
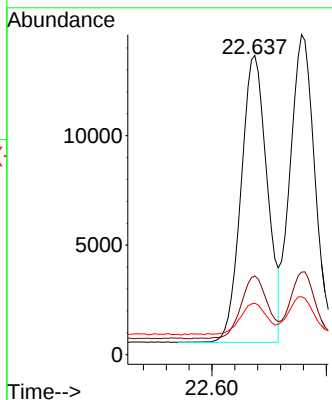
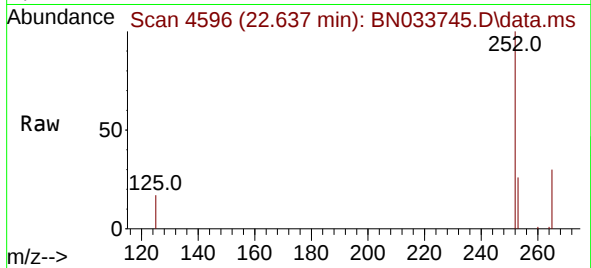




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.637 min Scan# 4596
Delta R.T. 0.003 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

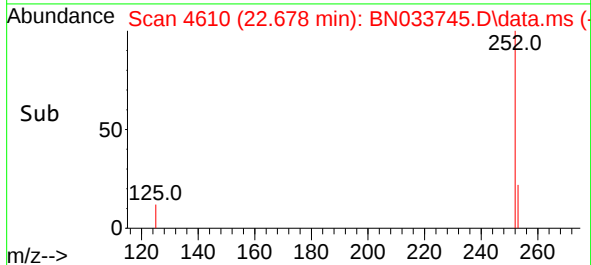
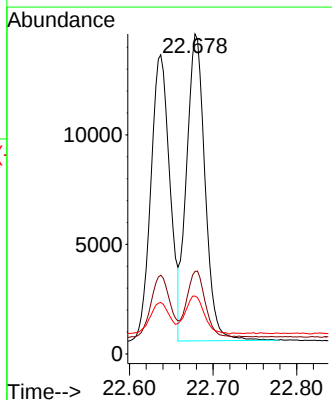
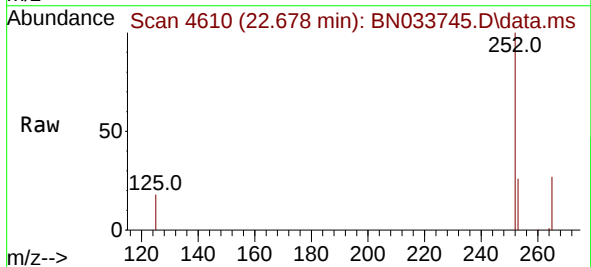
Instrument :
BNA_N
ClientSampleId :
SLCS096

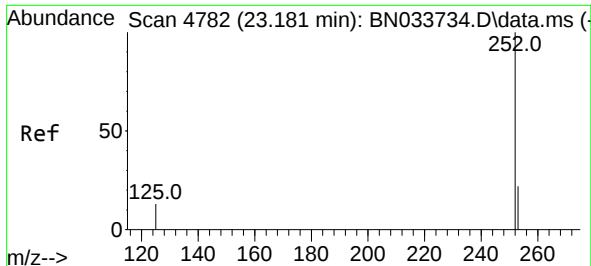
Tgt Ion:252 Resp: 20808
Ion Ratio Lower Upper
252 100
253 26.3 0.0 52.8
125 17.2 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 22.678 min Scan# 4610
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:252 Resp: 21478
Ion Ratio Lower Upper
252 100
253 25.8 21.4 32.0
125 18.1 15.1 22.7

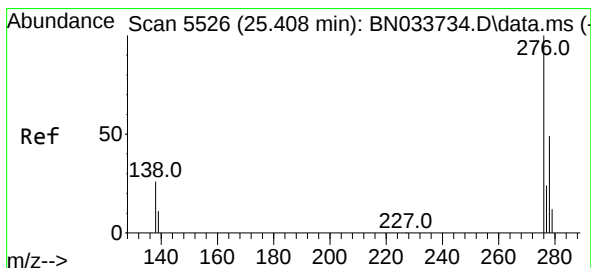
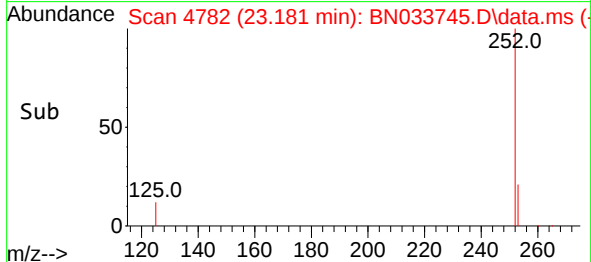
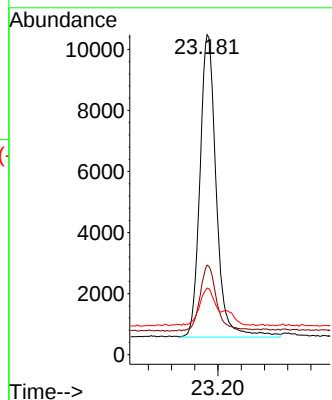
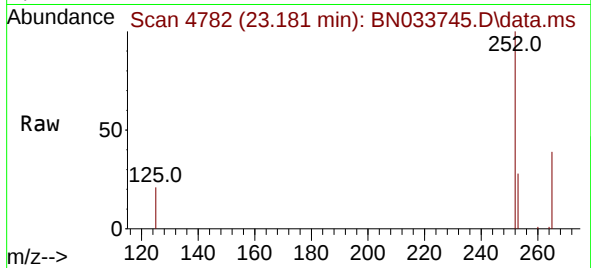




#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.181 min Scan# 4782
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

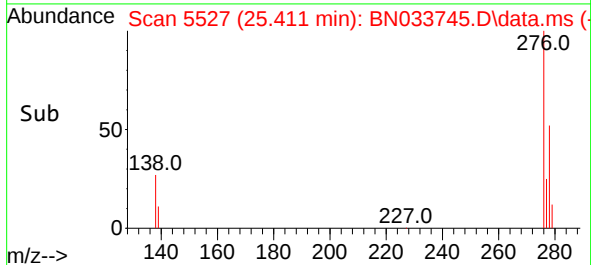
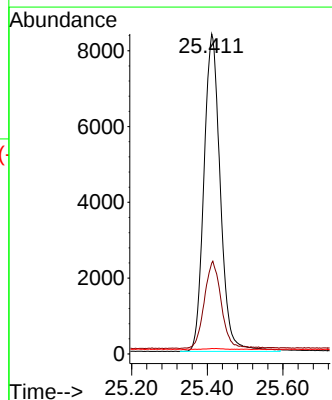
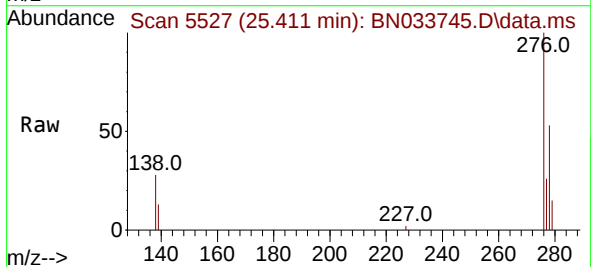
Instrument :
BNA_N
ClientSampleId :
SLCS096

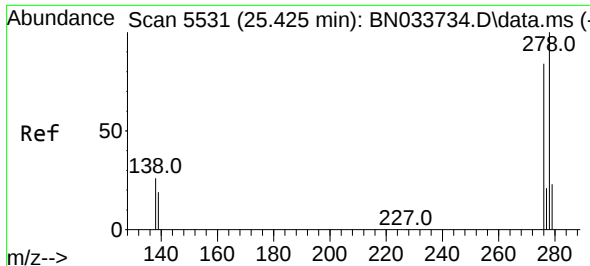
Tgt Ion:252 Resp: 19290
Ion Ratio Lower Upper
252 100
253 28.0 22.8 34.2
125 20.8 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.411 min Scan# 5527
Delta R.T. 0.003 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:276 Resp: 25198
Ion Ratio Lower Upper
276 100
138 28.4 22.3 33.5
227 0.2 0.2 0.4

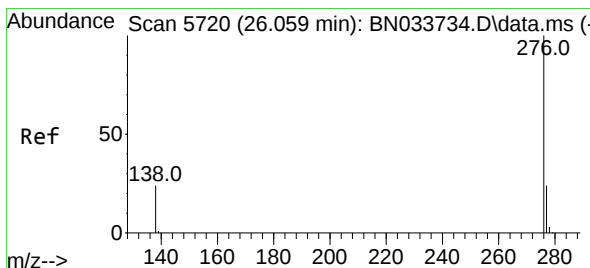
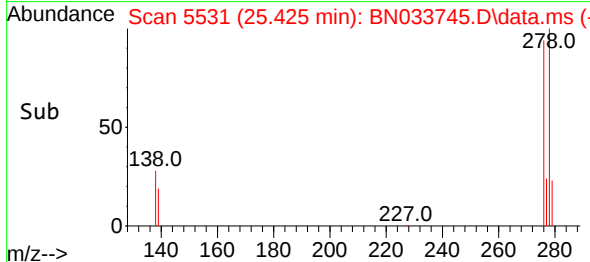
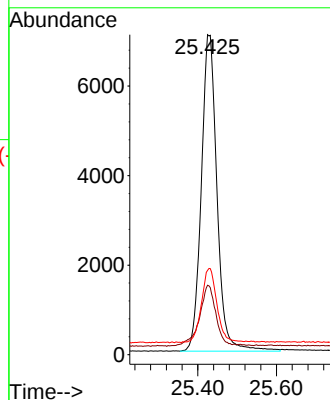
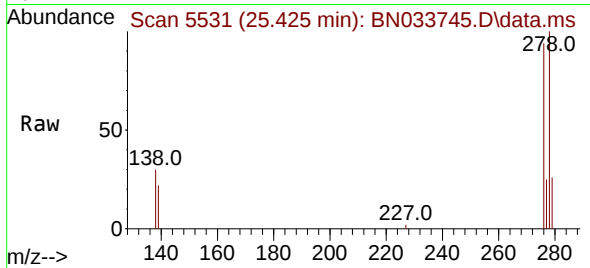




#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 25.425 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Instrument :
BNA_N
ClientSampleId :
SLCS096

Tgt Ion:278 Resp: 19572
Ion Ratio Lower Upper
278 100
139 21.7 17.3 25.9
279 26.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.059 min Scan# 5720
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:276 Resp: 19725
Ion Ratio Lower Upper
276 100
138 25.9 20.8 31.2
277 25.2 20.2 30.4

