

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
 Data File : BN029532.D
 Acq On : 06 Feb 2024 11:43
 Operator : MA/JU
 Sample : SSTD0.452
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4225

Quant Time: Feb 07 02:11:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:09:40 2024
 Response via : Initial Calibration

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

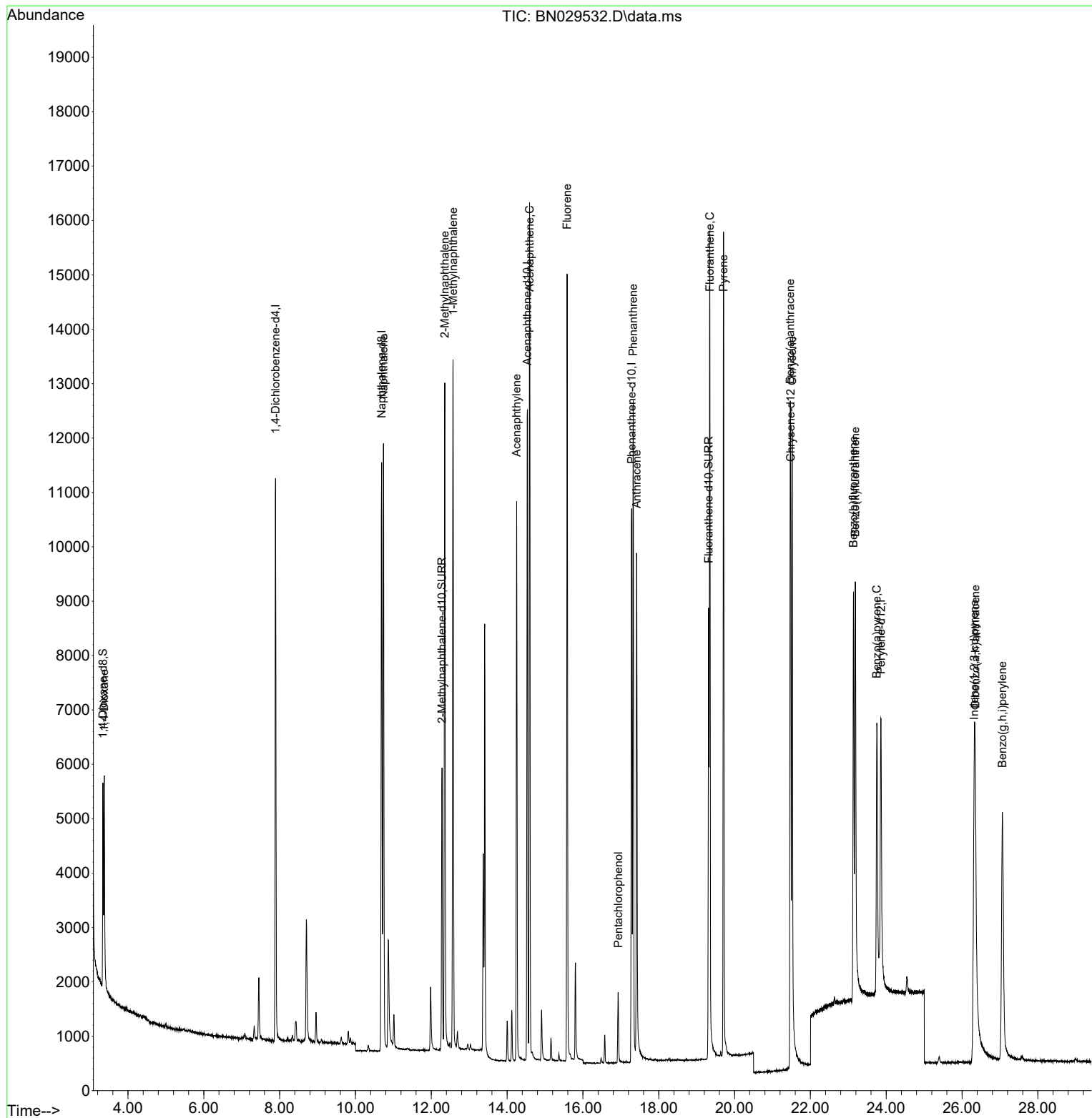
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	5401	0.400	ng/ul	0.00
4) Naphthalene-d8	10.689	136	14948	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.534	164	6685	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	12125	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	7726	0.400	ng/ul	0.00
23) Perylene-d12	23.861	264	7800	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2506	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	6973	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	9497	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.374	88	2779	0.421	ng/ul	100
5) Naphthalene	10.738	128	15321	0.366	ng/ul	100
7) 2-Methylnaphthalene	12.355	142	8809	0.319	ng/ul	100
8) 1-Methylnaphthalene	12.575	142	8945	0.319	ng/ul	100
10) Acenaphthylene	14.252	152	11873	0.356	ng/ul	100
11) Acenaphthene	14.594	153	9070	0.369	ng/ul	100
12) Fluorene	15.584	166	9335	0.327	ng/ul	100
14) Pentachlorophenol	16.930	266	942	0.324	ng/ul#	50
15) Phenanthrene	17.327	178	13483	0.362	ng/ul	100
16) Anthracene	17.415	178	11276	0.330	ng/ul	100
19) Fluoranthene	19.346	202	13151	0.400	ng/ul	100
20) Pyrene	19.708	202	13423	0.394	ng/ul	100
21) Benzo(a)anthracene	21.467	228	9766	0.320	ng/ul	100
22) Chrysene	21.519	228	10851	0.363	ng/ul	100
24) Benzo(b)fluoranthene	23.136	252	10321	0.353	ng/ul	100
25) Benzo(k)fluoranthene	23.185	252	11462	0.374	ng/ul	100
26) Benzo(a)pyrene	23.753	252	9649	0.349	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.319	276	12110	0.395	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.349	278	9489	0.387	ng/ul	100
29) Benzo(g,h,i)perylene	27.063	276	11084	0.441	ng/ul	100

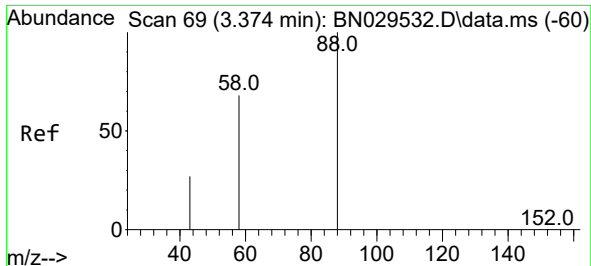
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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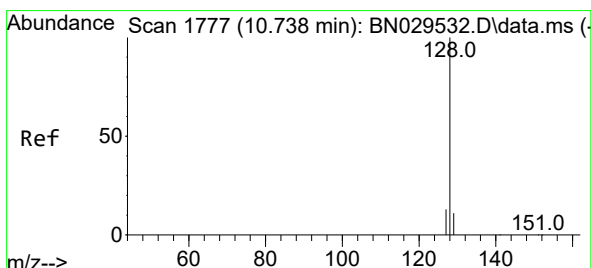
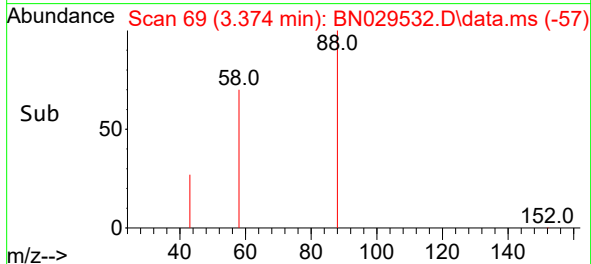
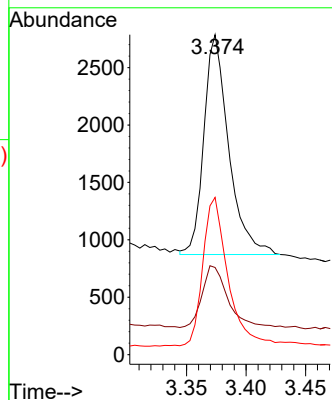
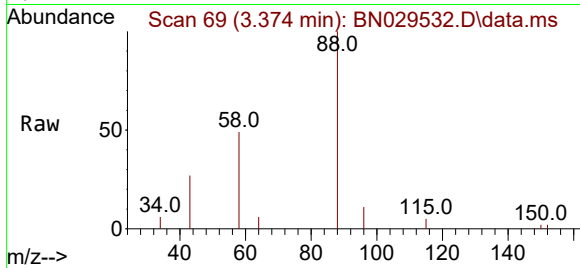




#2
1,4-Dioxane
Concen: 0.421 ng/ul
RT: 3.374 min Scan# 69
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

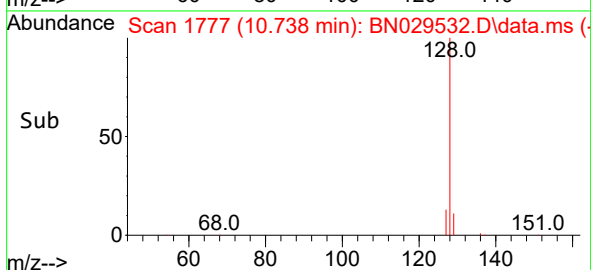
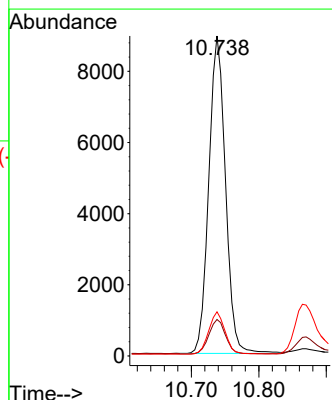
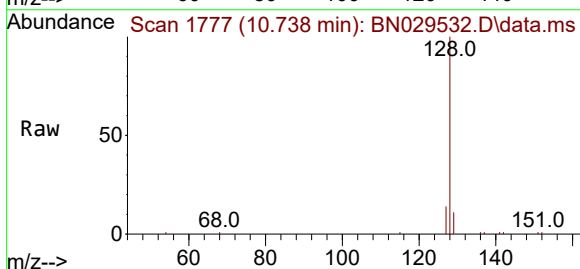
Instrument :
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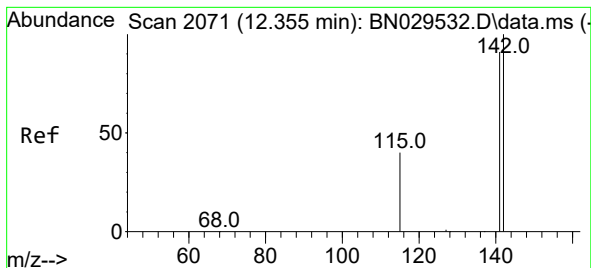
Tgt Ion: 88 Resp: 2779
Ion Ratio Lower Upper
88 100
43 27.2 21.8 32.6
58 49.1 39.3 58.9



#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.738 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion: 128 Resp: 15321
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.8 11.0 16.6

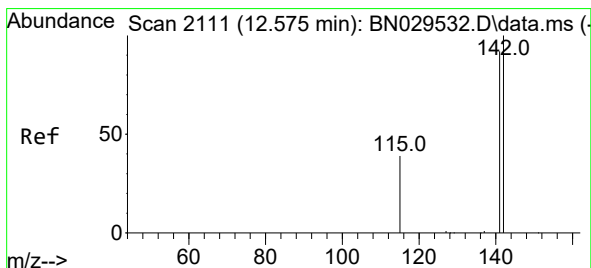
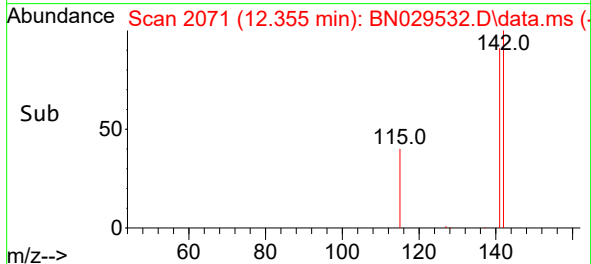
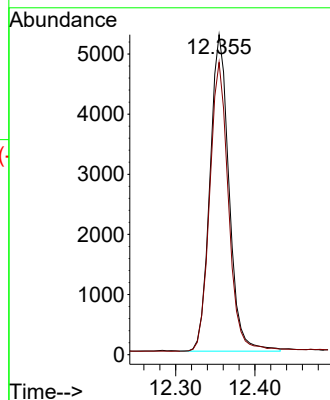
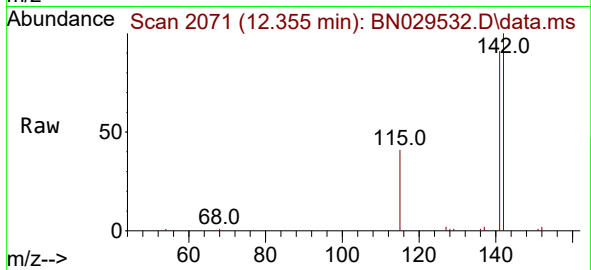




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.355 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

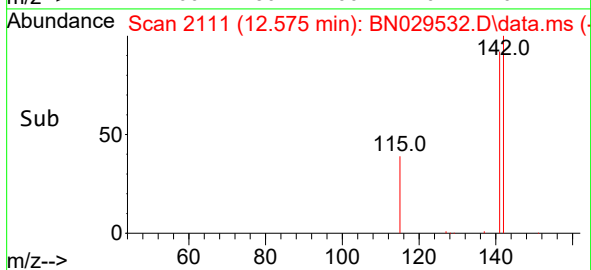
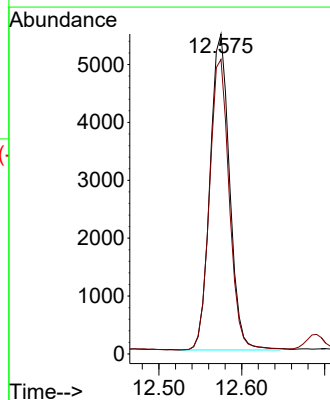
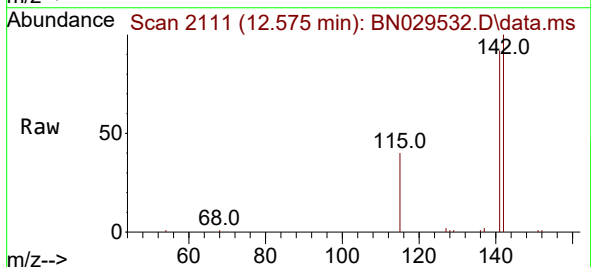
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

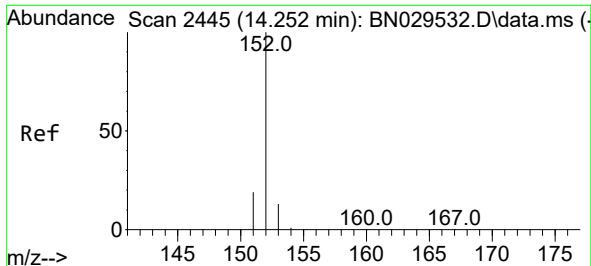
Tgt Ion:142 Resp: 8809
Ion Ratio Lower Upper
142 100
141 89.8 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.575 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:142 Resp: 8945
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

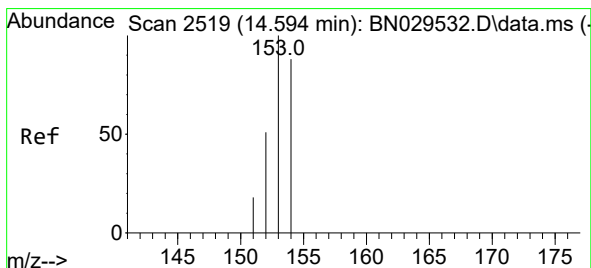
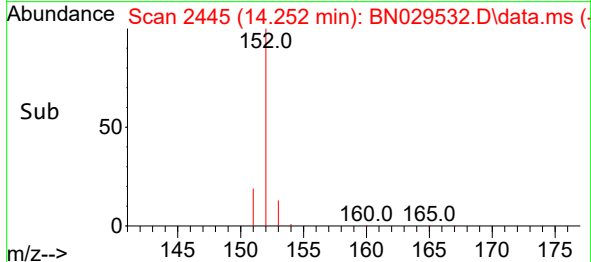
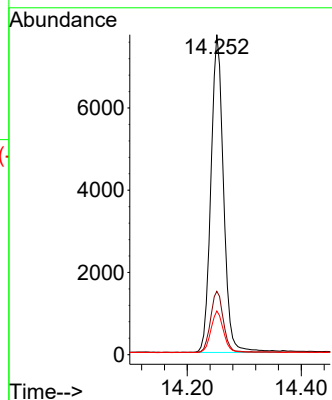
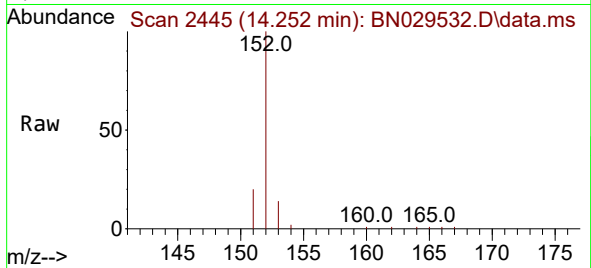




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

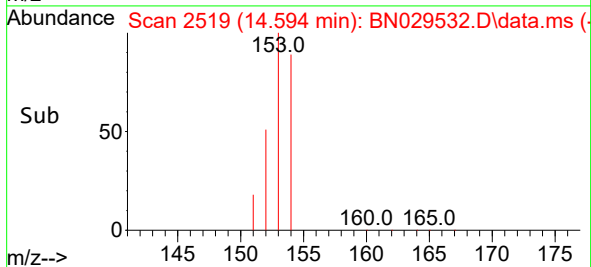
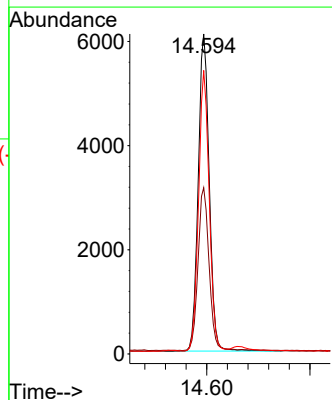
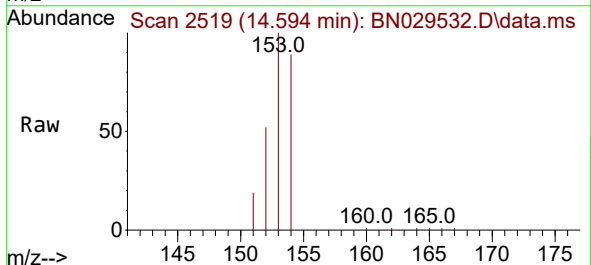
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

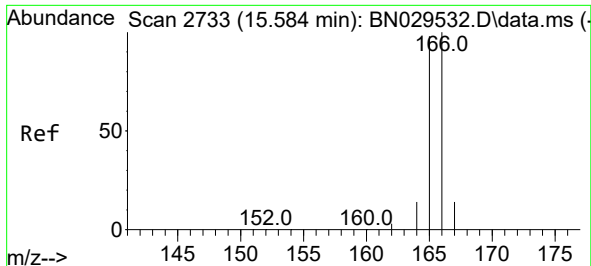
Tgt Ion:152 Resp: 11873
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:153 Resp: 9070
Ion Ratio Lower Upper
153 100
152 51.9 41.5 62.3
154 88.6 70.9 106.3

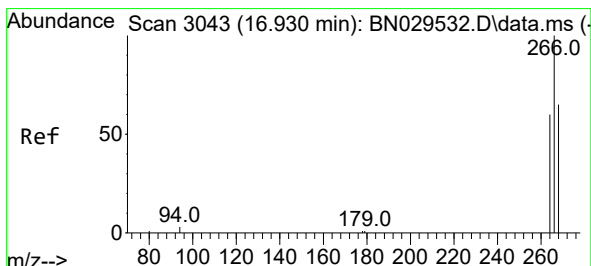
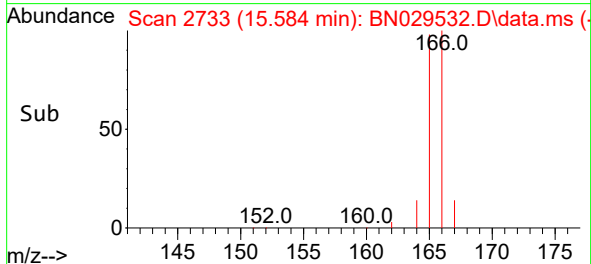
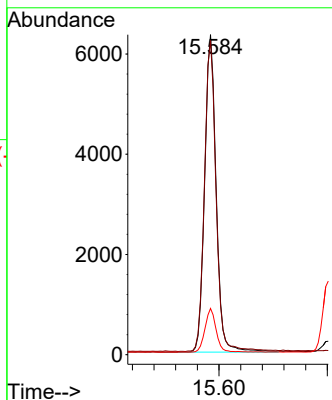
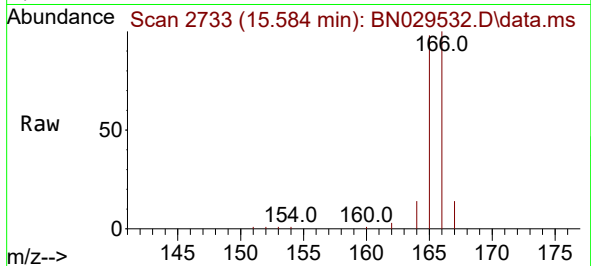




#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.584 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

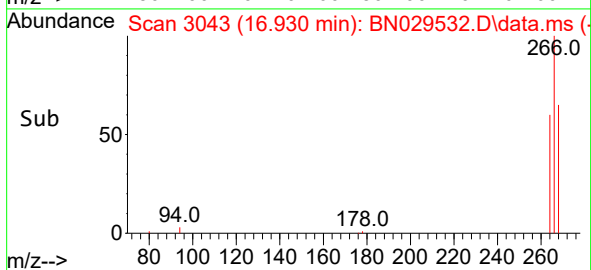
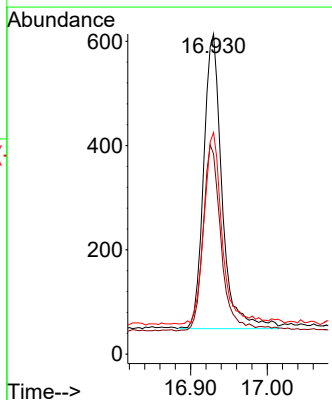
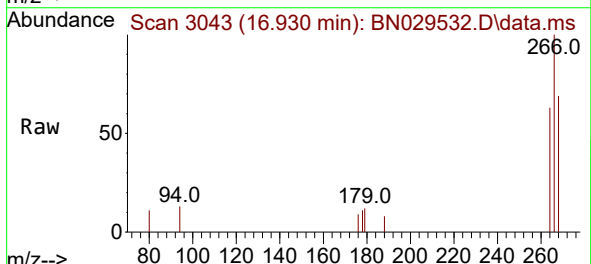
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

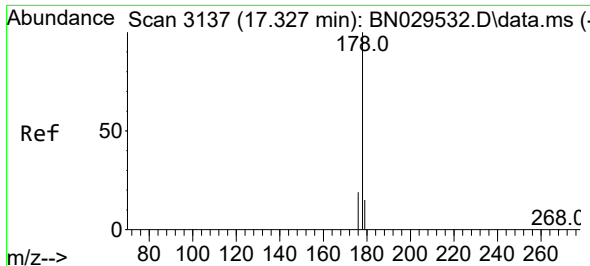
Tgt Ion:166 Resp: 9335
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 14.4 11.5 17.3



#14
Pentachlorophenol
Concen: 0.324 ng/ul
RT: 16.930 min Scan# 3043
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:266 Resp: 942
Ion Ratio Lower Upper
266 100
264 62.3 0.0 0.0#
268 63.9 0.2 0.2#

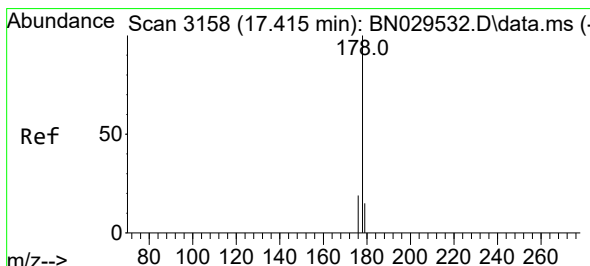
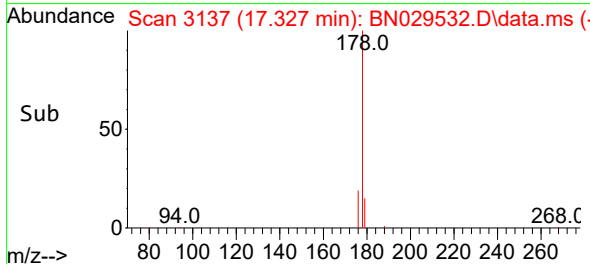
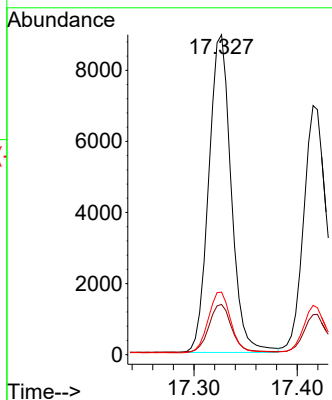
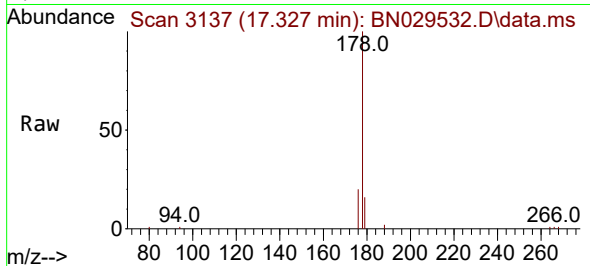




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.327 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

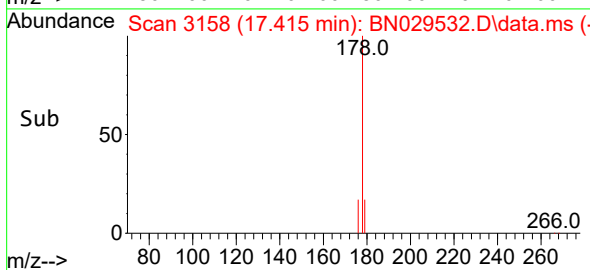
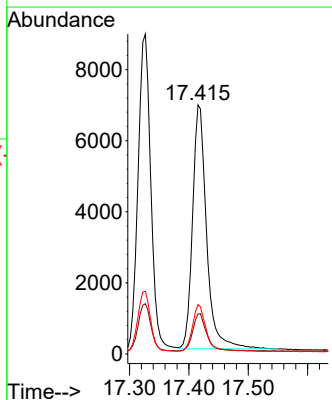
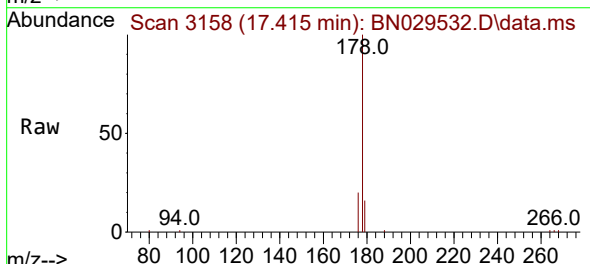
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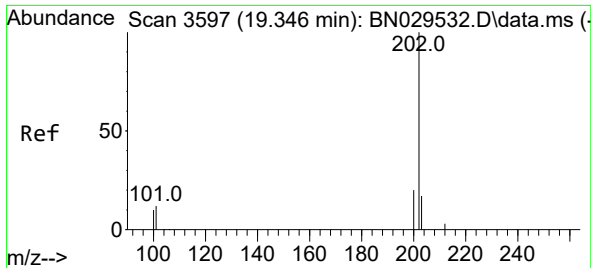
Tgt Ion:178 Resp: 13483
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.330 ng/ul
RT: 17.415 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:178 Resp: 11276
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.8 15.8 23.8

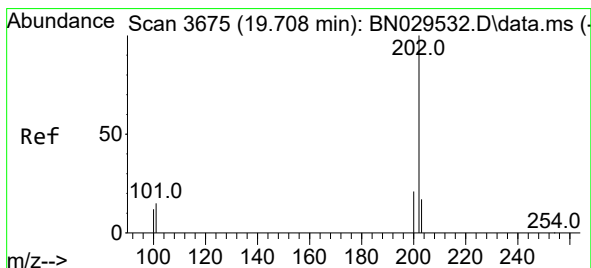
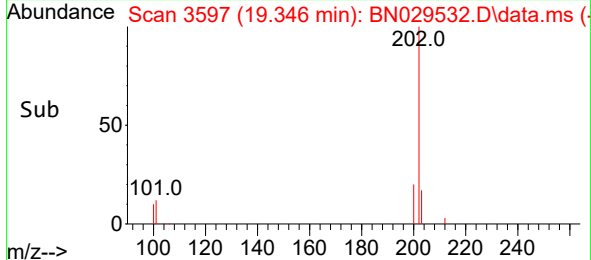
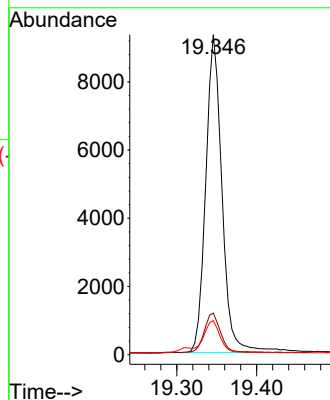
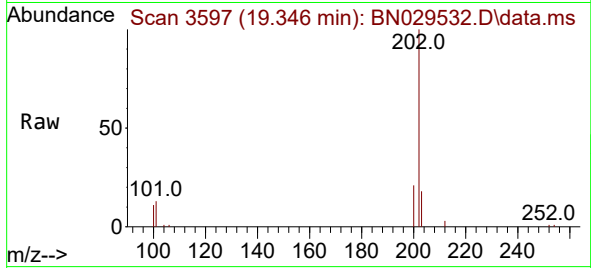




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

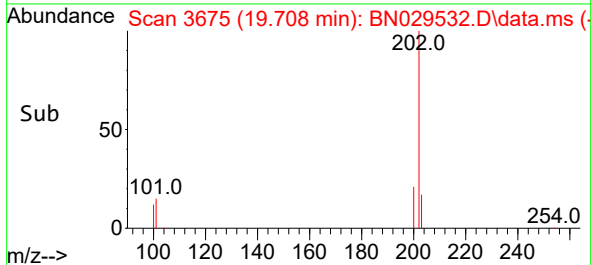
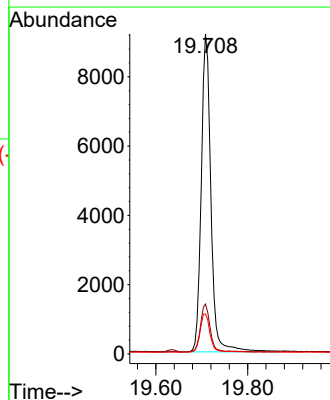
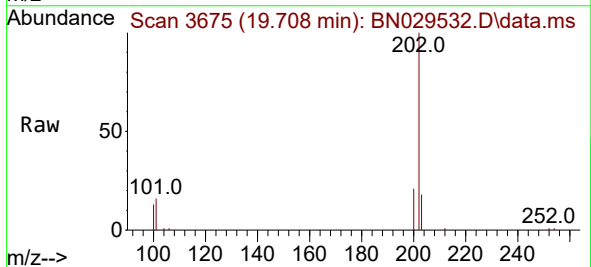
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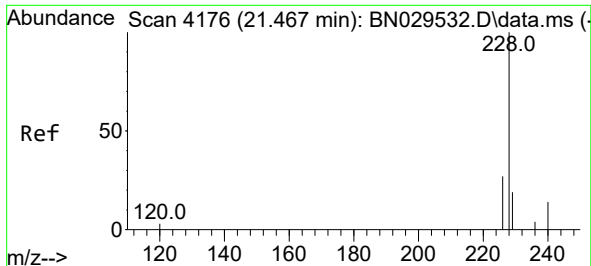
Tgt Ion:202 Resp: 13151
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 10.6 8.5 12.7



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:202 Resp: 13423
Ion Ratio Lower Upper
202 100
101 15.6 12.5 18.7
100 12.5 10.0 15.0

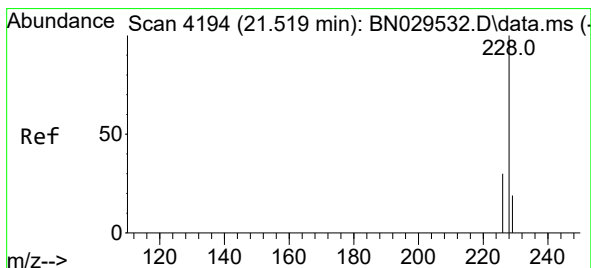
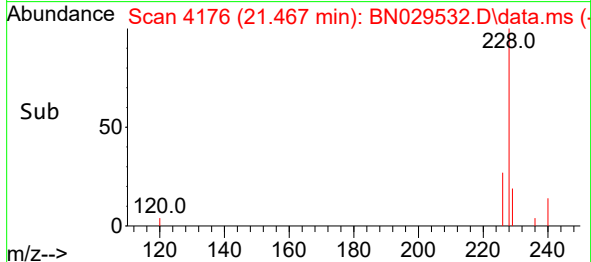
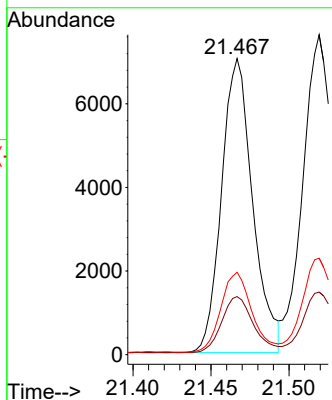
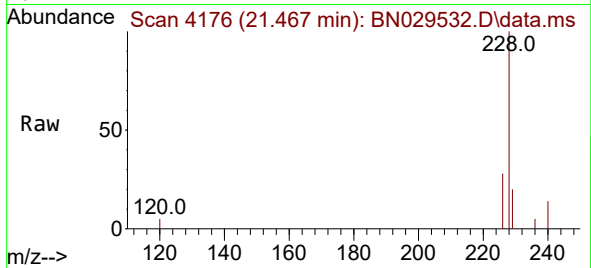




#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

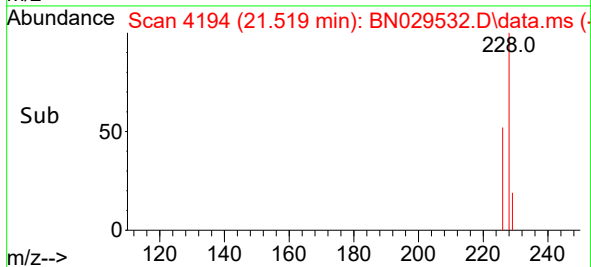
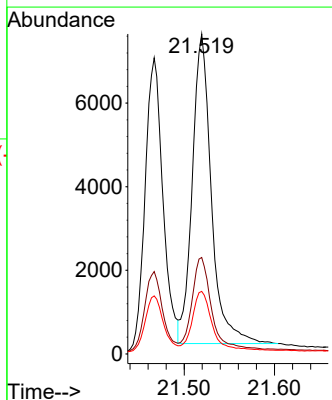
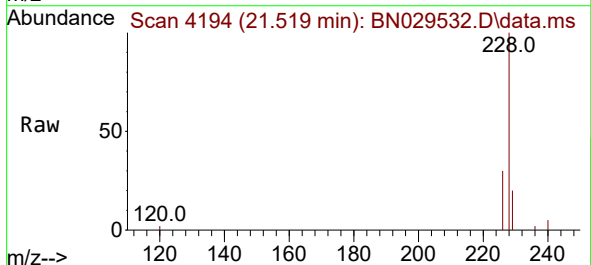
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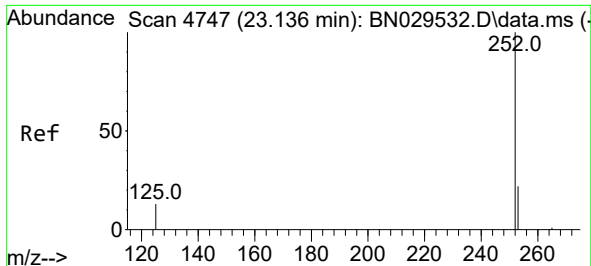
Tgt Ion:228 Resp: 9766
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:228 Resp: 10851
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.6 15.7 23.5

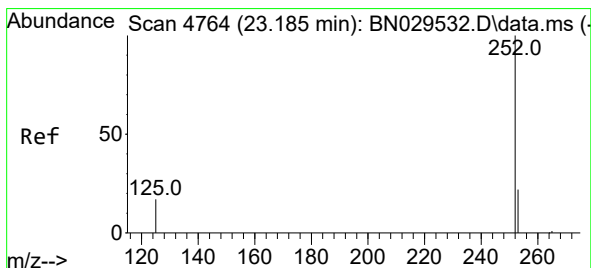
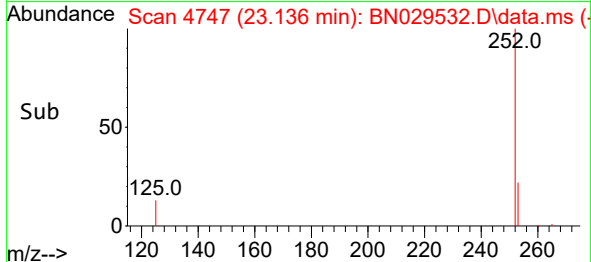
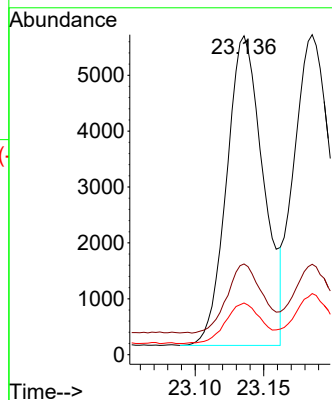
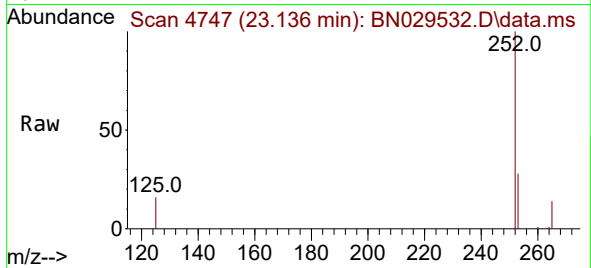




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

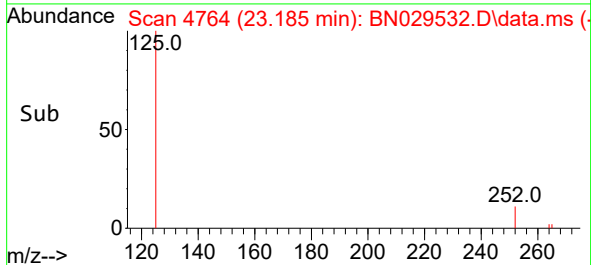
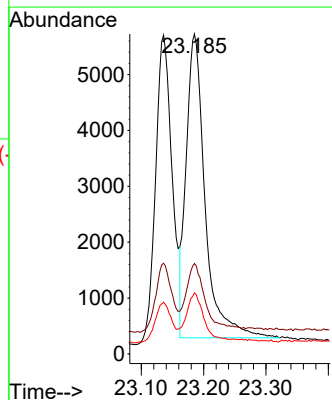
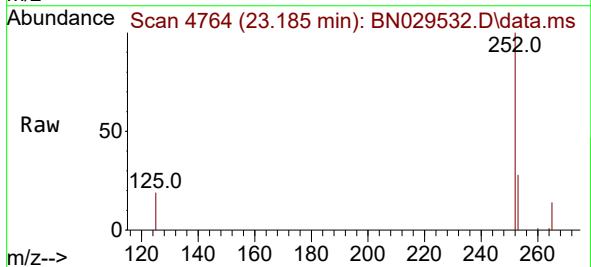
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

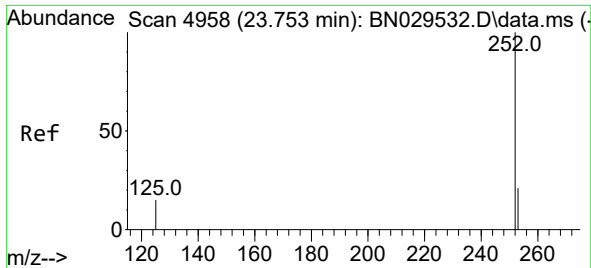
Tgt Ion:252 Resp: 10321
Ion Ratio Lower Upper
252 100
253 28.4 0.0 56.8
125 16.2 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.185 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:252 Resp: 11462
Ion Ratio Lower Upper
252 100
253 28.2 22.6 33.8
125 19.1 15.3 22.9

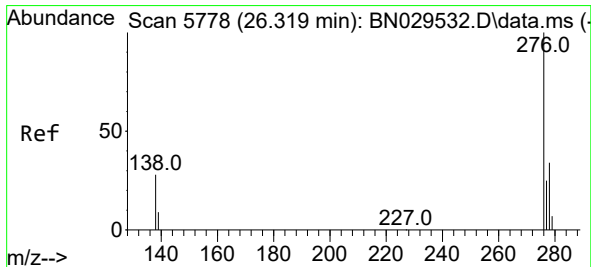
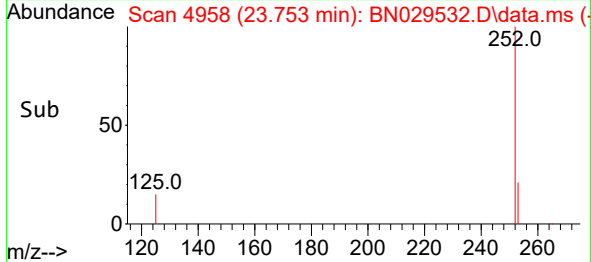
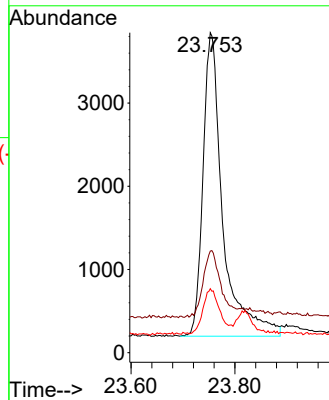
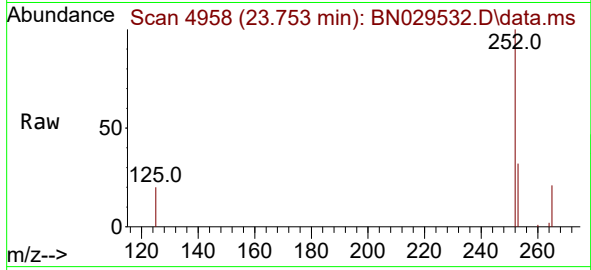




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

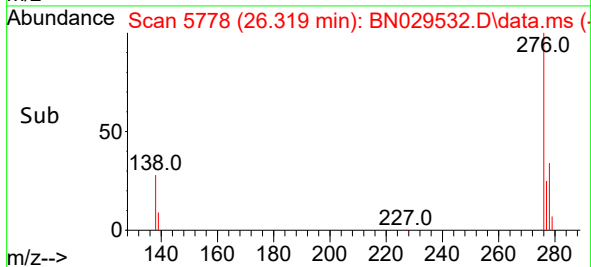
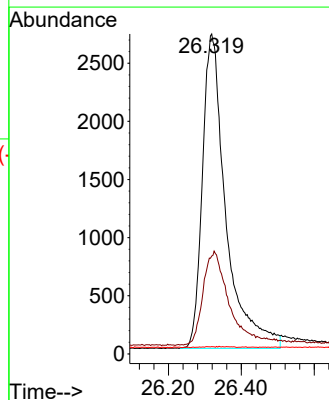
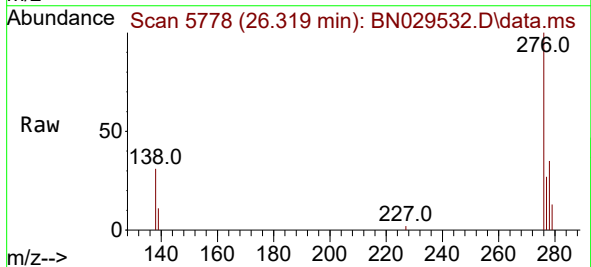
Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

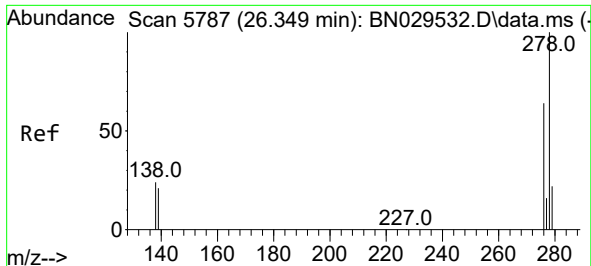
Tgt Ion:252 Resp: 9649
Ion Ratio Lower Upper
252 100
253 31.7 25.4 38.0
125 20.0 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:276 Resp: 12110
Ion Ratio Lower Upper
276 100
138 33.4 0.0 0.0#
227 0.0 0.0 0.0

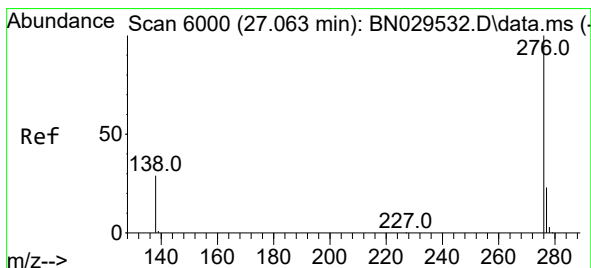
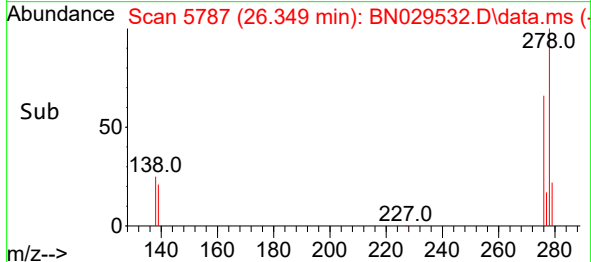
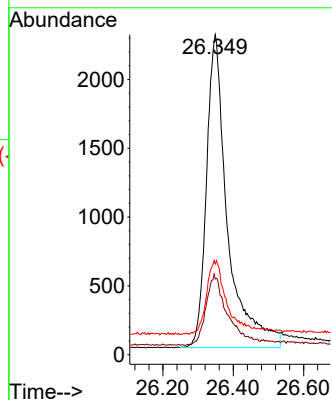
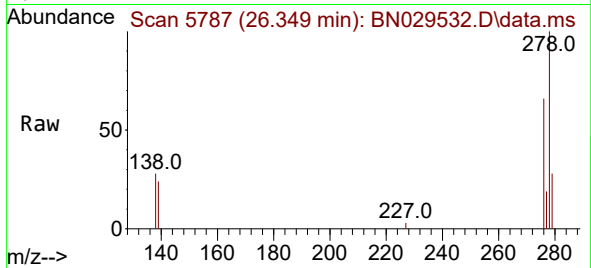




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.4225

Tgt Ion:278 Resp: 9489
Ion Ratio Lower Upper
278 100
139 23.7 19.0 28.4
279 28.3 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 27.063 min Scan# 6000
Delta R.T. 0.000 min
Lab File: BN029532.D
Acq: 06 Feb 2024 11:43

Tgt Ion:276 Resp: 11084
Ion Ratio Lower Upper
276 100
138 30.8 24.6 37.0
277 24.6 19.7 29.5

