

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032771.D
 Acq On : 17 Jul 2024 09:59
 Operator : MA/JU
 Sample : PB161927BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS927

Quant Time: Jul 17 11:29:39 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

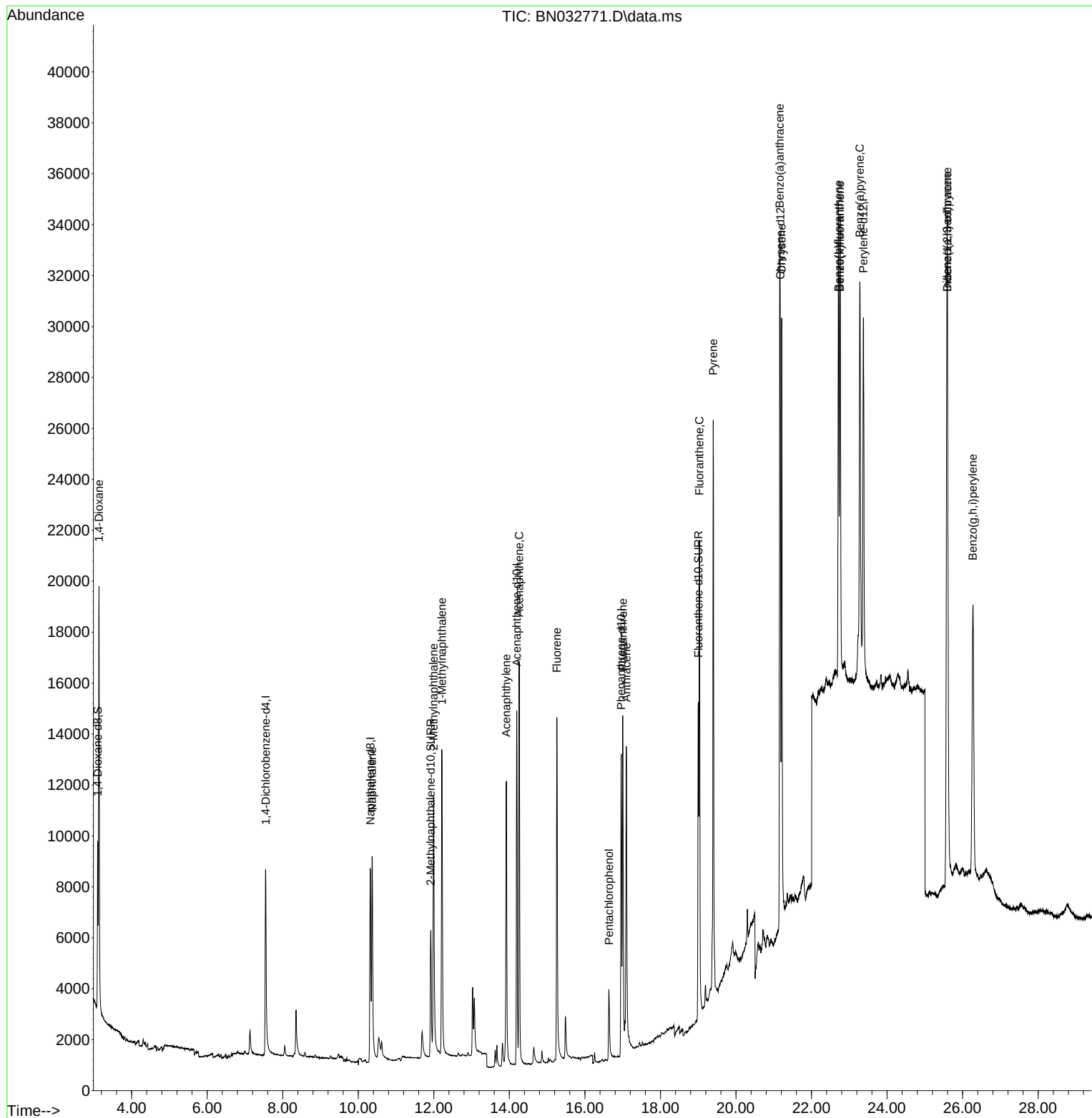
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	13210	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	8403	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	15982	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	15984	0.400	ng/ul	# 0.00
23) Perylene-d12	23.374	264	18776	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4572	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	8816	0.442	ng/ul	-0.01
18) Fluoranthene-d10	19.003	212	15580	0.299	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.135	88	12327	1.748	ng/ul	90
5) Naphthalene	10.365	128	13077	0.369	ng/ul	99
7) 2-Methylnaphthalene	11.993	142	9608	0.434	ng/ul	98
8) 1-Methylnaphthalene	12.213	142	9675	0.423	ng/ul	100
10) Acenaphthylene	13.920	152	14966	0.441	ng/ul	100
11) Acenaphthene	14.262	153	10356	0.369	ng/ul	99
12) Fluorene	15.257	166	10678	0.333	ng/ul	99
14) Pentachlorophenol	16.636	266	2908	1.037	ng/ul	100
15) Phenanthrene	17.003	178	16286	0.374	ng/ul	98
16) Anthracene	17.096	178	15947	0.448	ng/ul	98
19) Fluoranthene	19.031	202	18349	0.282	ng/ul	96
20) Pyrene	19.398	202	20191	0.300	ng/ul	97
21) Benzo(a)anthracene	21.159	228	22346	0.439	ng/ul#	90
22) Chrysene	21.211	228	22799	0.310	ng/ul#	90
24) Benzo(b)fluoranthene	22.713	252	24200	0.365	ng/ul#	72
25) Benzo(k)fluoranthene	22.754	252	23816	0.295	ng/ul#	71
26) Benzo(a)pyrene	23.278	252	23290	0.406	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.592	276	30133	0.388	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.592	278	23591	0.392	ng/ul#	77
29) Benzo(g,h,i)perylene	26.273	276	23372	0.360	ng/ul#	80

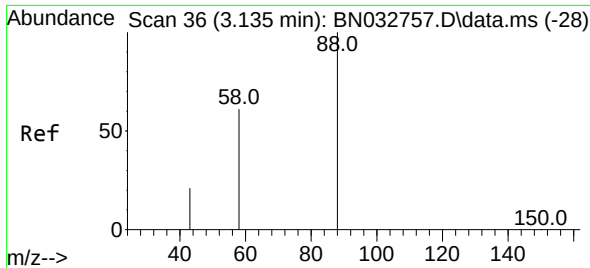
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

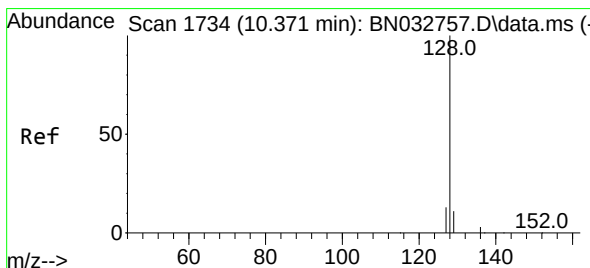
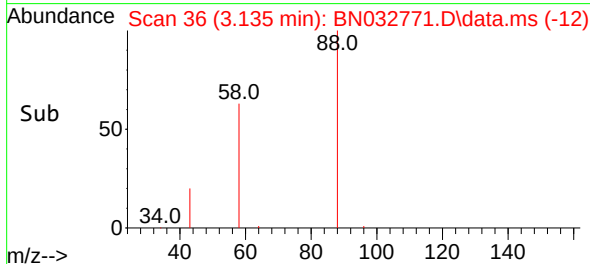
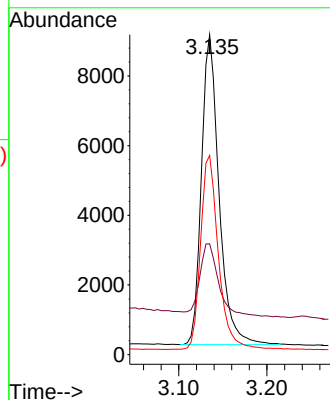
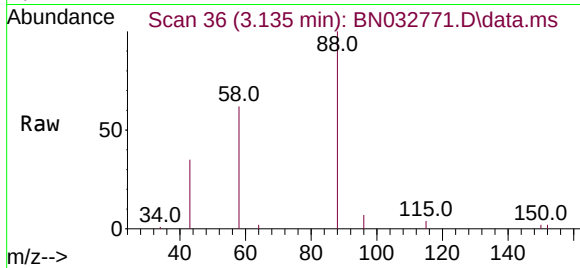




#2
 1,4-Dioxane
 Concen: 1.748 ng/ul
 RT: 3.135 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN032771.D
 Acq: 17 Jul 2024 09:59

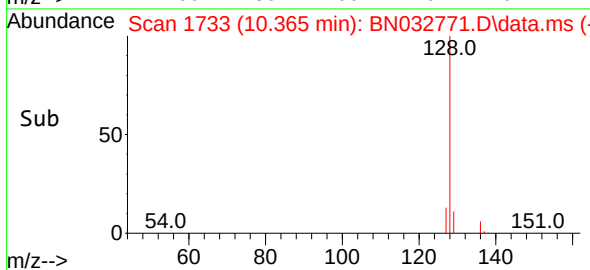
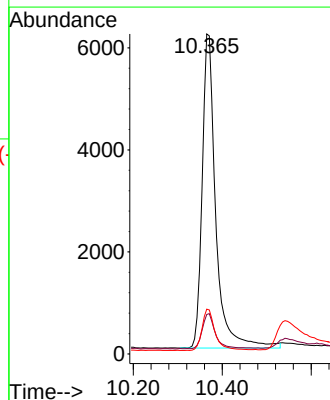
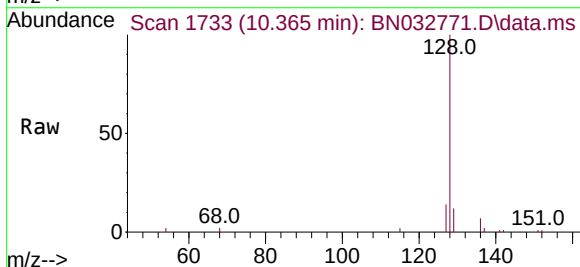
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 BNA_N
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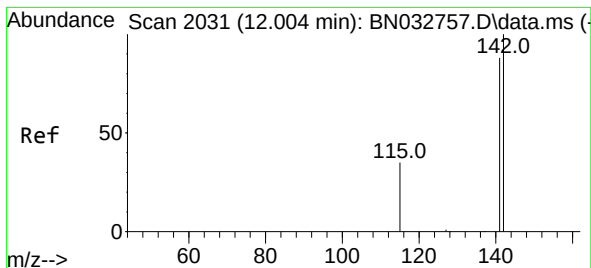
Tgt Ion: 88	Resp:	12327
Ion	Ratio	Lower Upper
88	100	
43	34.6	24.0 36.0
58	62.3	43.3 64.9



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.365 min Scan# 1733
 Delta R.T. -0.006 min
 Lab File: BN032771.D
 Acq: 17 Jul 2024 09:59

Tgt Ion: 128	Resp:	13077
Ion	Ratio	Lower Upper
128	100	
129	12.4	10.0 15.0
127	14.0	11.6 17.4

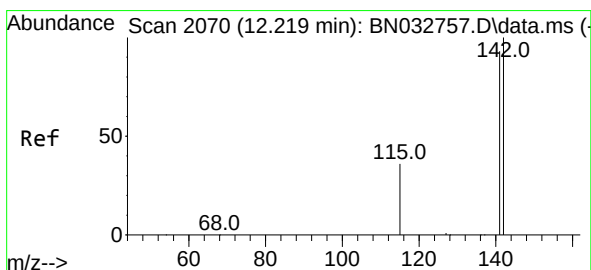
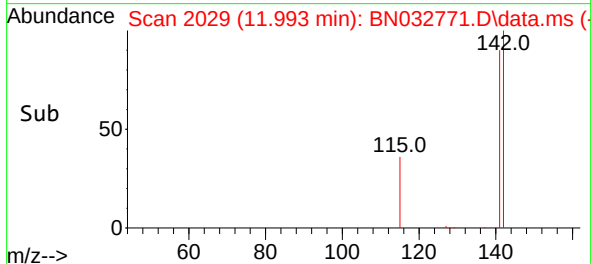
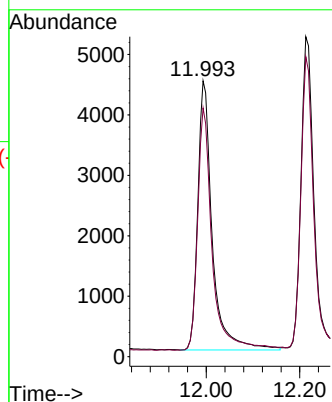
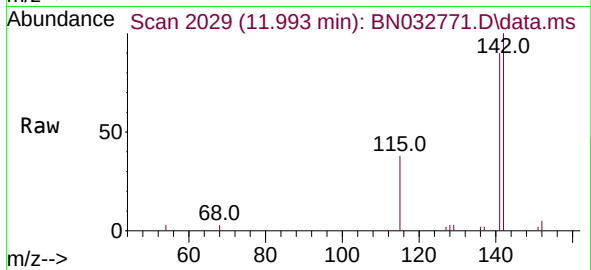




#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 11.993 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

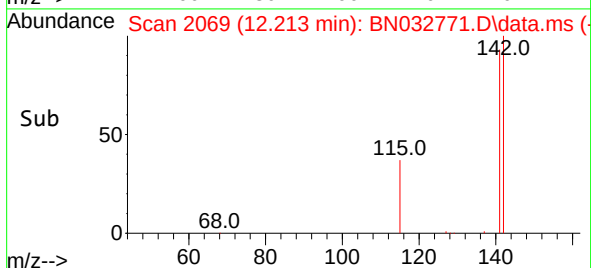
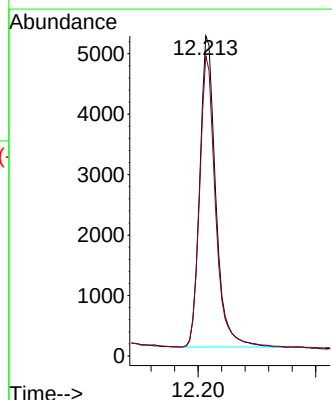
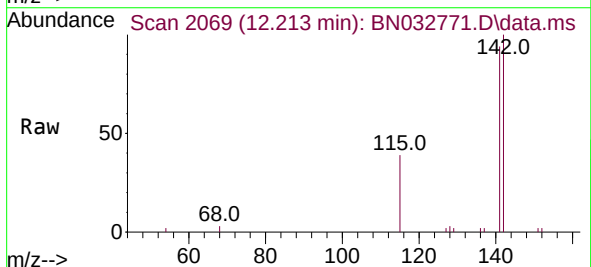
Instrument :
BNA_N
ClientSampleId :
SLCS927

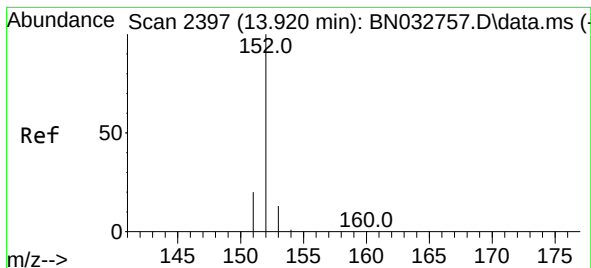
Tgt Ion:142 Resp: 9608
Ion Ratio Lower Upper
142 100
141 90.7 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

Tgt Ion:142 Resp: 9675
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4





#10

Acenaphthylene

Concen: 0.441 ng/ul

RT: 13.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN032771.D

Acq: 17 Jul 2024 09:59

Instrument :

BNA_N

ClientSampleId :

SLCS927

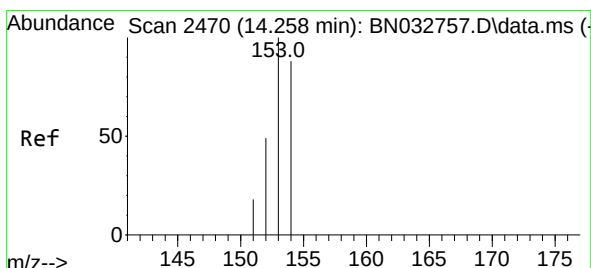
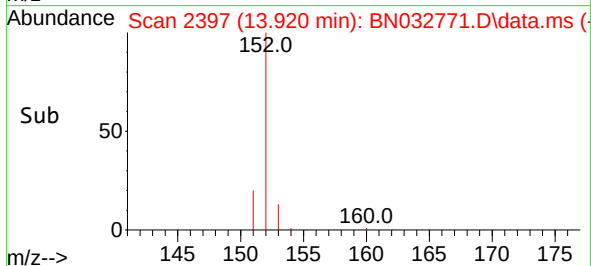
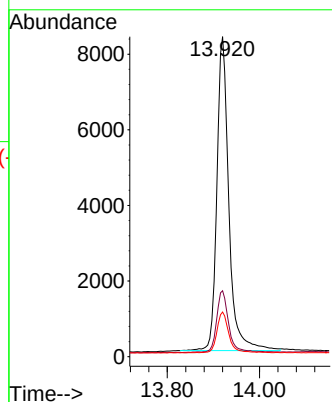
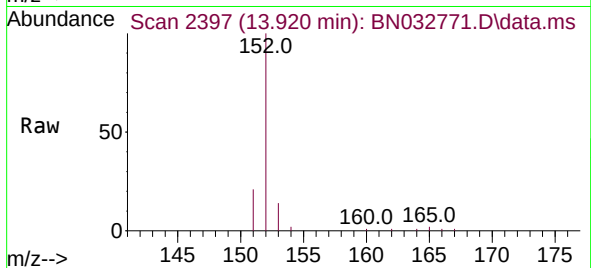
Tgt Ion:152 Resp: 14966

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.0 11.3 16.9



#11

Acenaphthene

Concen: 0.369 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. 0.004 min

Lab File: BN032771.D

Acq: 17 Jul 2024 09:59

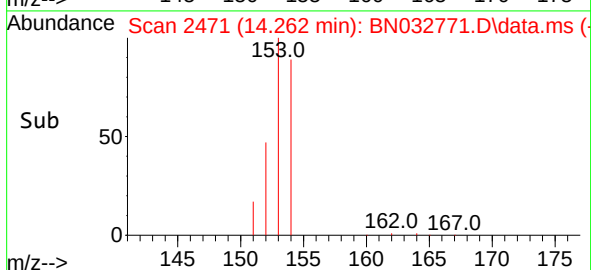
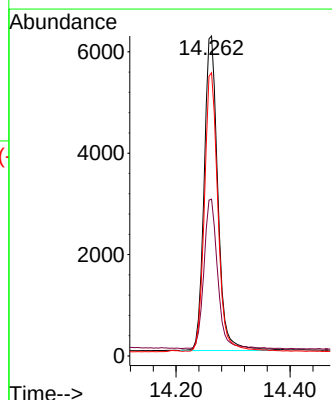
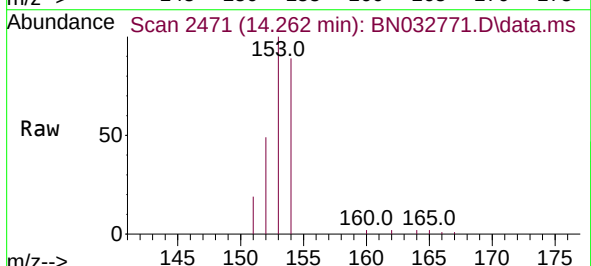
Tgt Ion:153 Resp: 10356

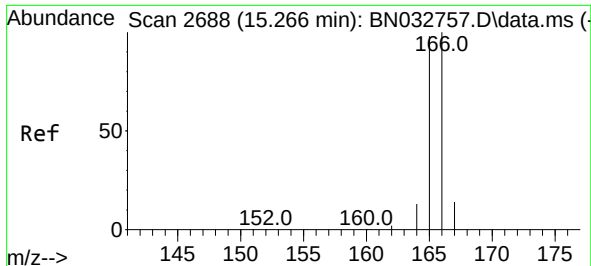
Ion Ratio Lower Upper

153 100

152 49.0 40.0 60.0

154 88.5 70.2 105.4

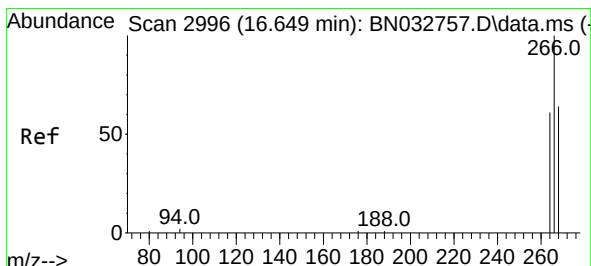
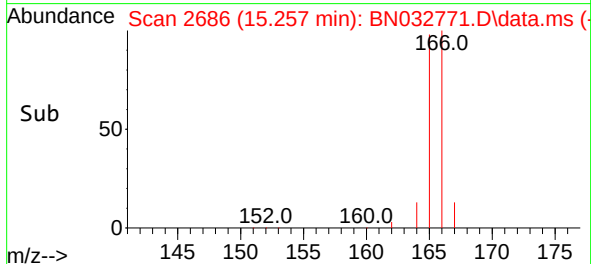
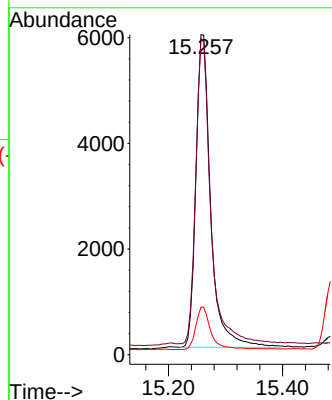
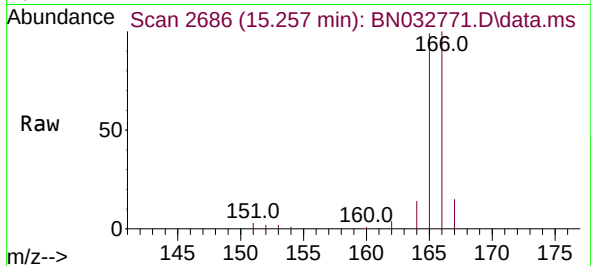




#12
 Fluorene
 Concen: 0.333 ng/ul
 RT: 15.257 min Scan# 2093
 Delta R.T. -0.009 min
 Lab File: BN032771.D
 Acq: 17 Jul 2024 09:59

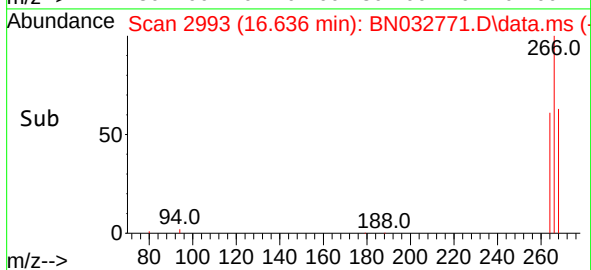
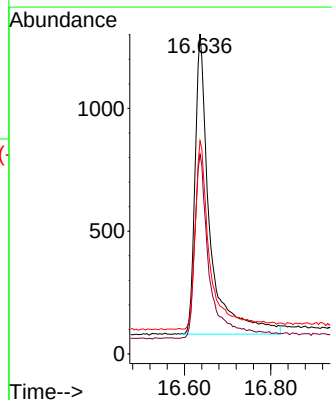
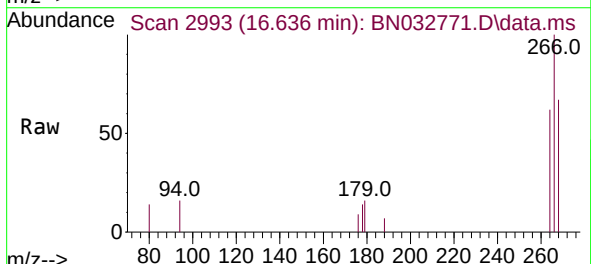
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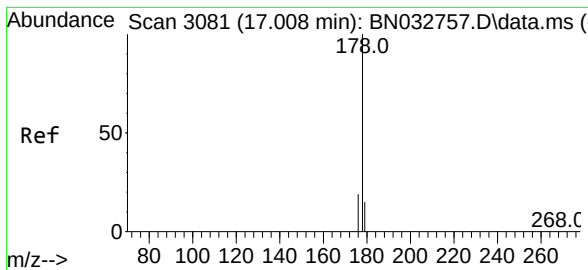
Tgt Ion:166	Resp:	10678
Ion Ratio	Lower	Upper
166	100	
165	98.8	79.7 119.5
167	14.9	11.4 17.2



#14
 Pentachlorophenol
 Concen: 1.037 ng/ul
 RT: 16.636 min Scan# 2993
 Delta R.T. -0.013 min
 Lab File: BN032771.D
 Acq: 17 Jul 2024 09:59

Tgt Ion:266	Resp:	2908
Ion Ratio	Lower	Upper
266	100	
264	62.5	49.4 74.2
268	64.5	51.6 77.4

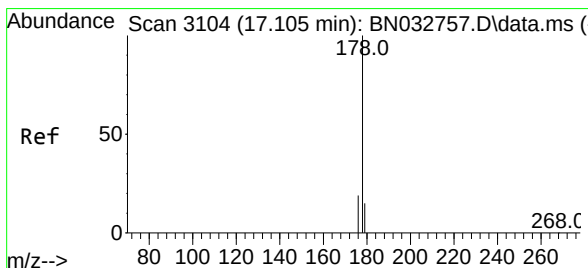
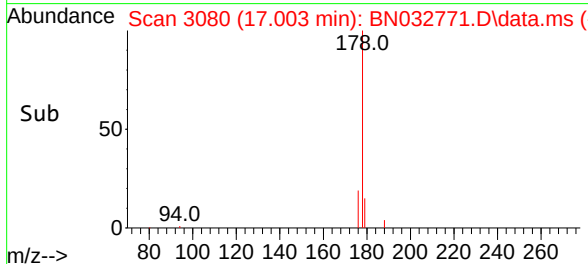
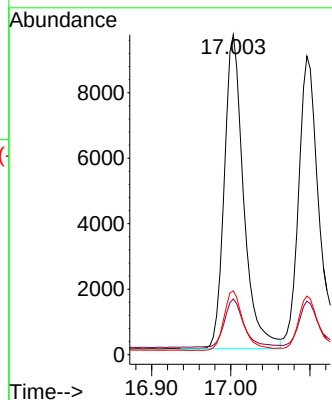
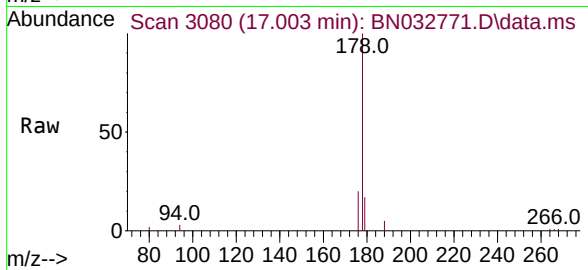




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.003 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

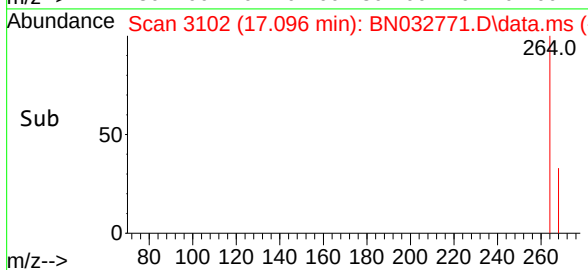
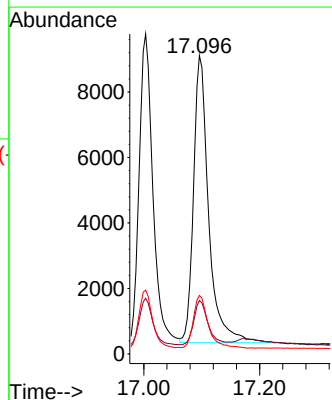
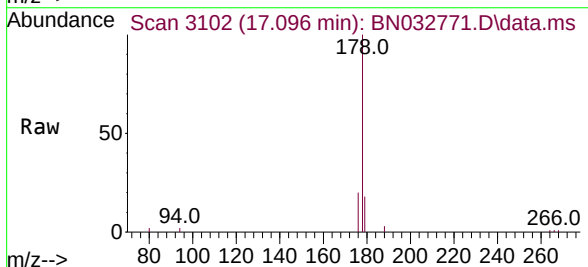
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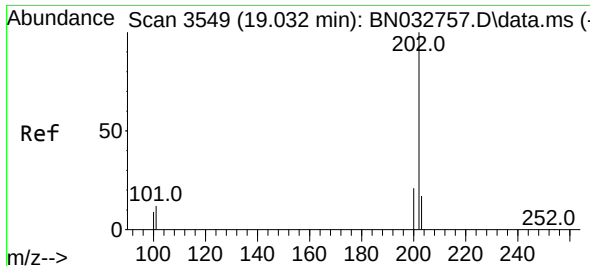
Tgt Ion:178 Resp: 16286
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.4
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.448 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. -0.009 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

Tgt Ion:178 Resp: 15947
Ion Ratio Lower Upper
178 100
179 17.9 13.4 20.2
176 19.6 15.4 23.0

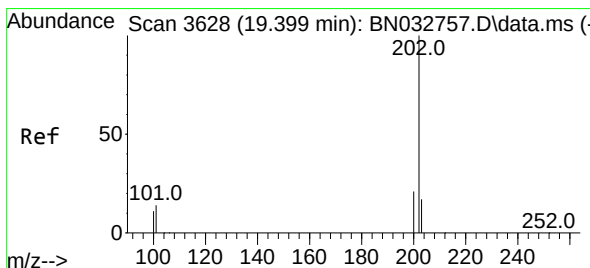
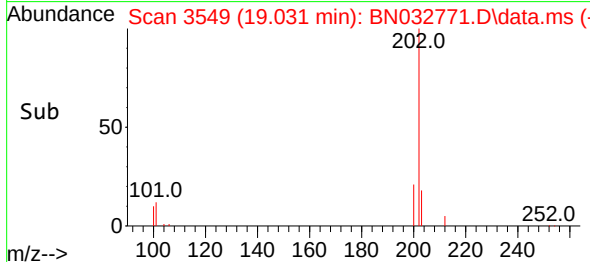
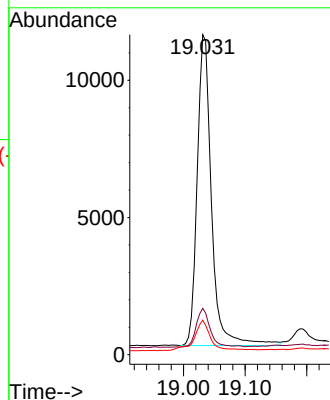
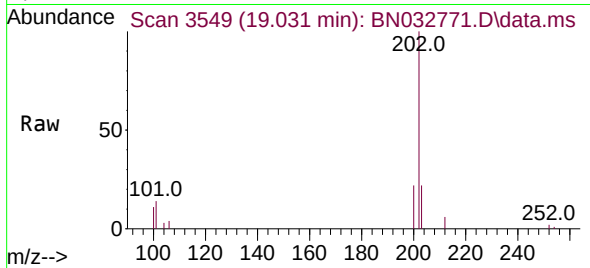




#19
Fluoranthene
Concen: 0.282 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.000 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

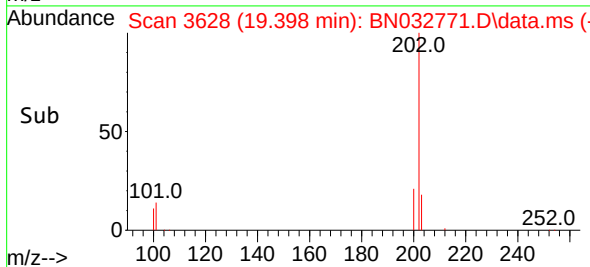
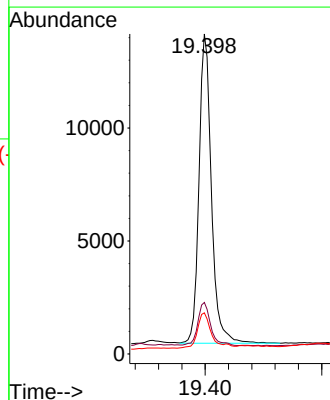
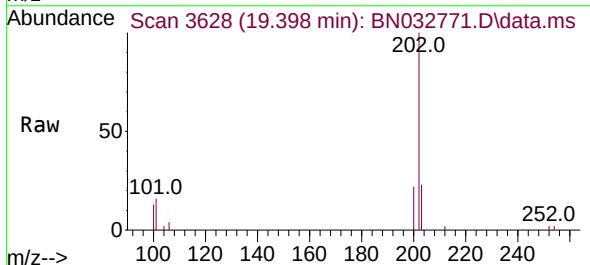
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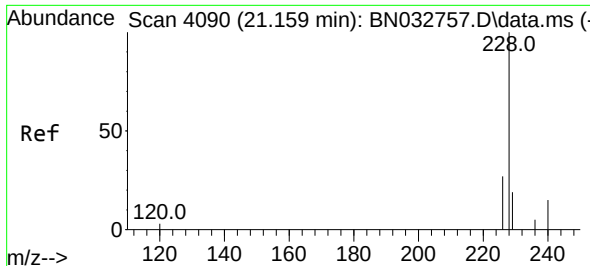
Tgt Ion:202 Resp: 18349
Ion Ratio Lower Upper
202 100
101 14.5 9.8 14.8
100 10.8 7.9 11.9



#20
Pyrene
Concen: 0.300 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.000 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

Tgt Ion:202 Resp: 20191
Ion Ratio Lower Upper
202 100
101 16.1 11.8 17.6
100 12.8 9.6 14.4

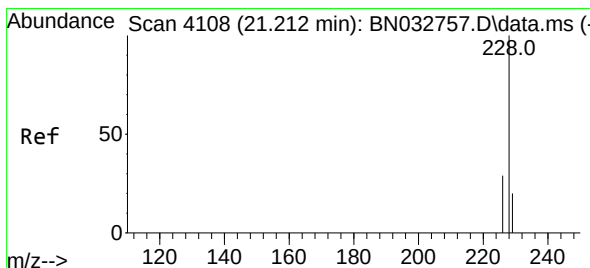
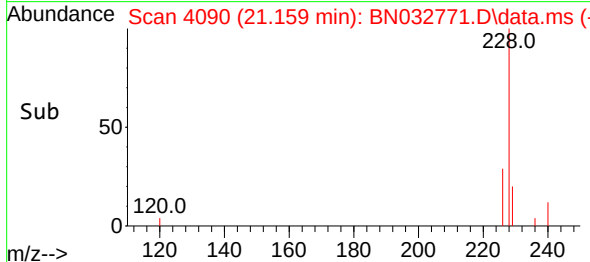
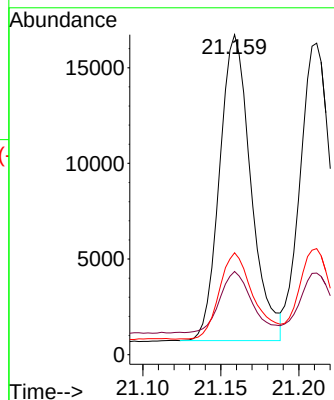
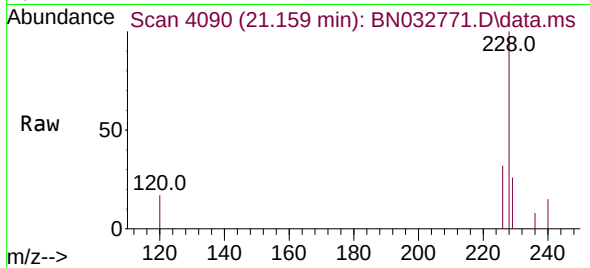




#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. -0.000 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

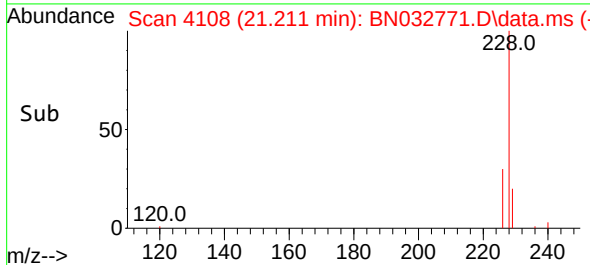
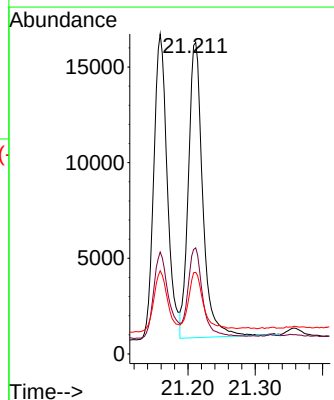
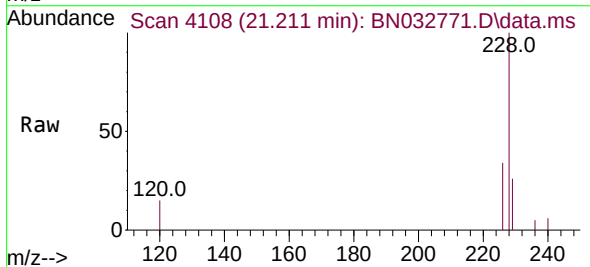
Instrument :
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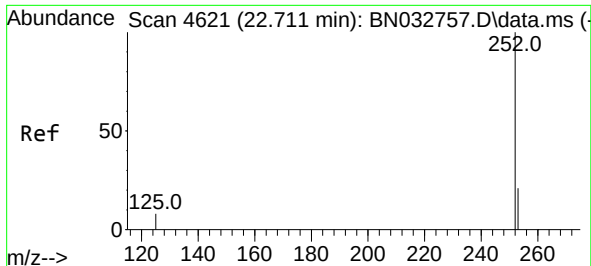
Tgt Ion:228 Resp: 22346
Ion Ratio Lower Upper
228 100
229 26.0 16.1 24.1#
226 31.8 21.9 32.9



#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.000 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

Tgt Ion:228 Resp: 22799
Ion Ratio Lower Upper
228 100
226 34.0 24.0 36.0
229 26.2 15.8 23.6#

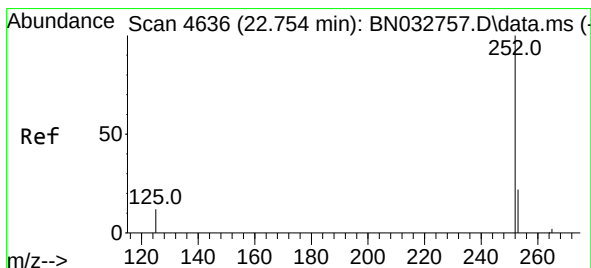
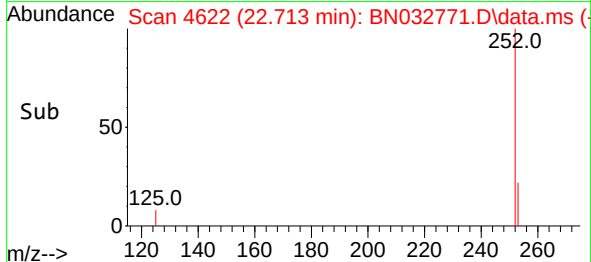
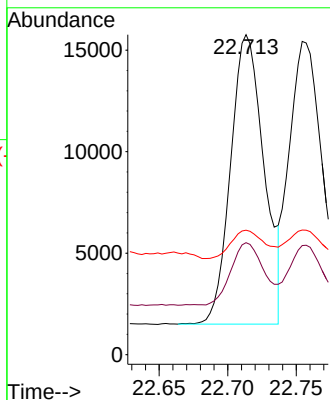
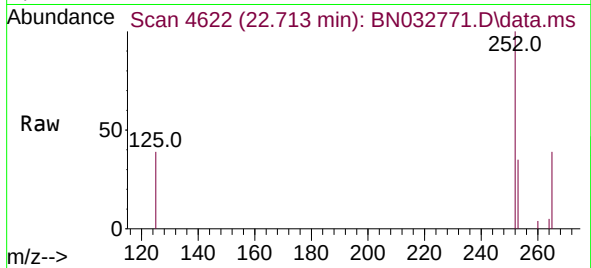




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. 0.003 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

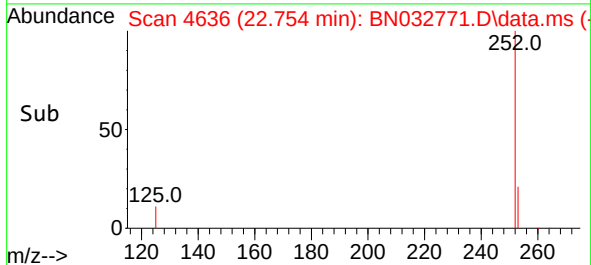
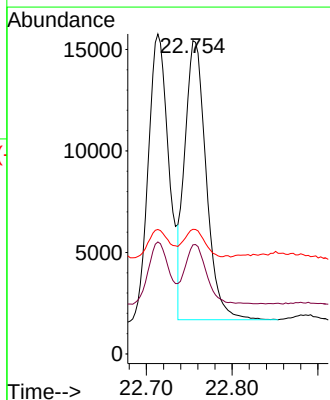
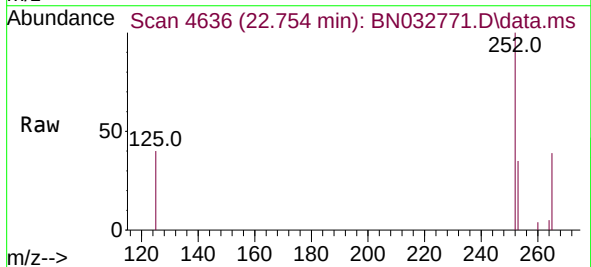
Instrument :
BNA_N
ClientSampleId :
SLCS927

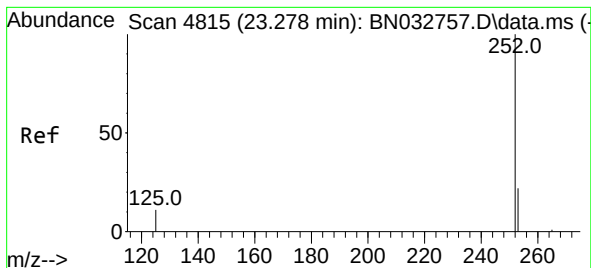
Tgt Ion:252 Resp: 24200
Ion Ratio Lower Upper
252 100
253 35.0 0.0 54.0
125 38.9 0.0 36.0#



#25
Benzo(k)fluoranthene
Concen: 0.295 ng/ul
RT: 22.754 min Scan# 4636
Delta R.T. -0.000 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

Tgt Ion:252 Resp: 23816
Ion Ratio Lower Upper
252 100
253 34.8 21.2 31.8#
125 39.8 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 23.278 min Scan# 4815

Delta R.T. -0.000 min

Lab File: BN032771.D

Acq: 17 Jul 2024 09:59

Instrument :

BNA_N

ClientSampleId :

SLCS927

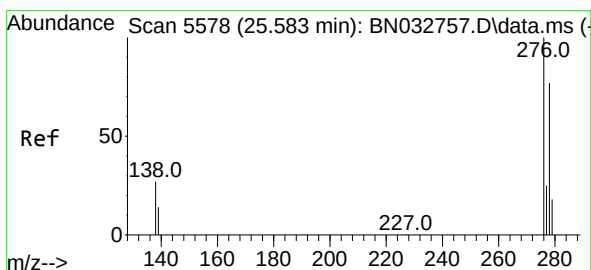
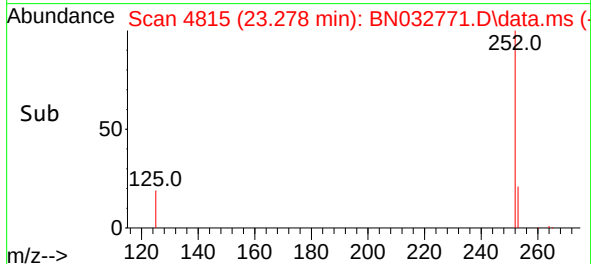
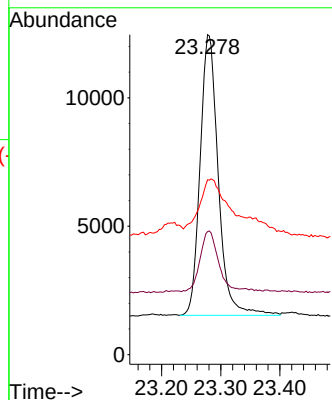
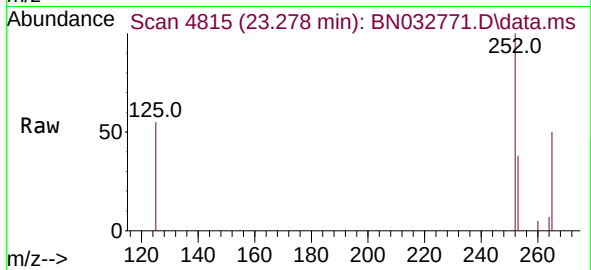
Tgt Ion:252 Resp: 23290

Ion Ratio Lower Upper

252 100

253 38.4 25.4 38.0#

125 54.7 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng/ul

RT: 25.592 min Scan# 5581

Delta R.T. 0.010 min

Lab File: BN032771.D

Acq: 17 Jul 2024 09:59

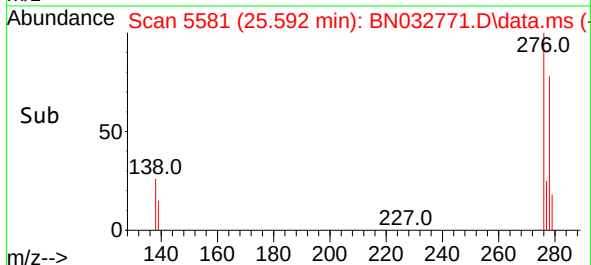
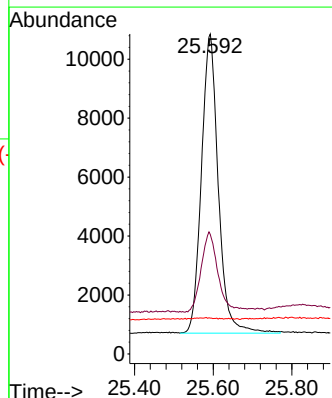
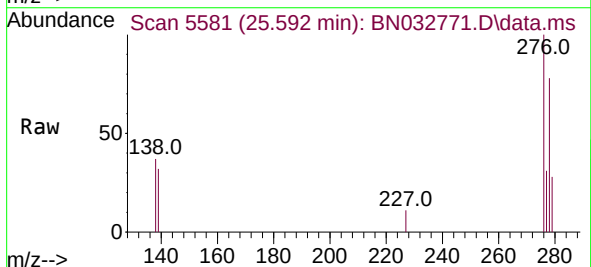
Tgt Ion:276 Resp: 30133

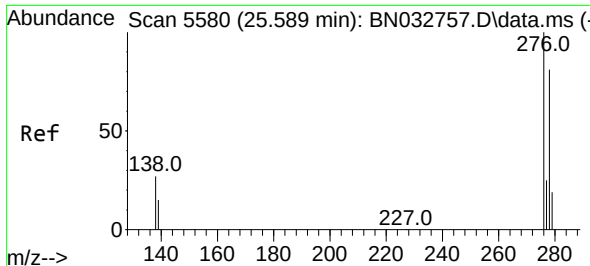
Ion Ratio Lower Upper

276 100

138 28.0 21.6 32.4

227 0.0 0.0 0.0

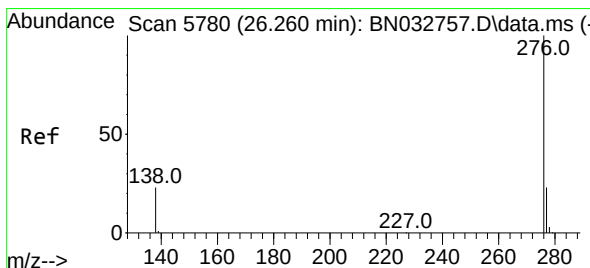
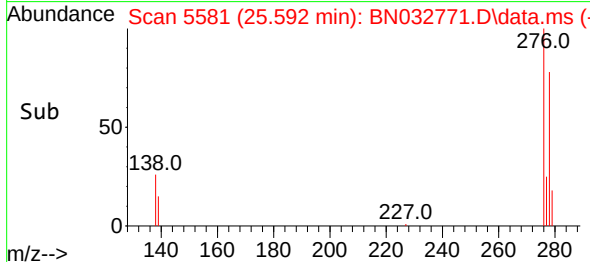
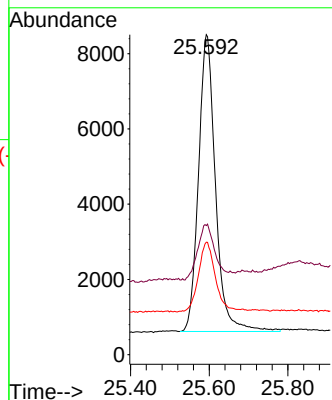
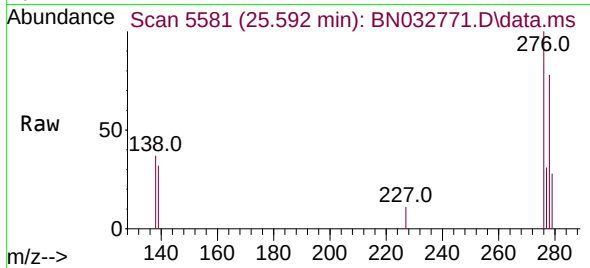




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.592 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:278 Resp: 23591
Ion Ratio Lower Upper
278 100
139 40.3 16.6 24.8#
279 35.2 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.273 min Scan# 5784
Delta R.T. 0.013 min
Lab File: BN032771.D
Acq: 17 Jul 2024 09:59

Tgt Ion:276 Resp: 23372
Ion Ratio Lower Upper
276 100
138 39.6 21.0 31.4#
277 32.6 20.6 31.0#

