

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031768.D
 Acq On : 03 Jun 2024 21:14
 Operator : MA/JU
 Sample : P2590-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBL3

Quant Time: Jun 04 01:20:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

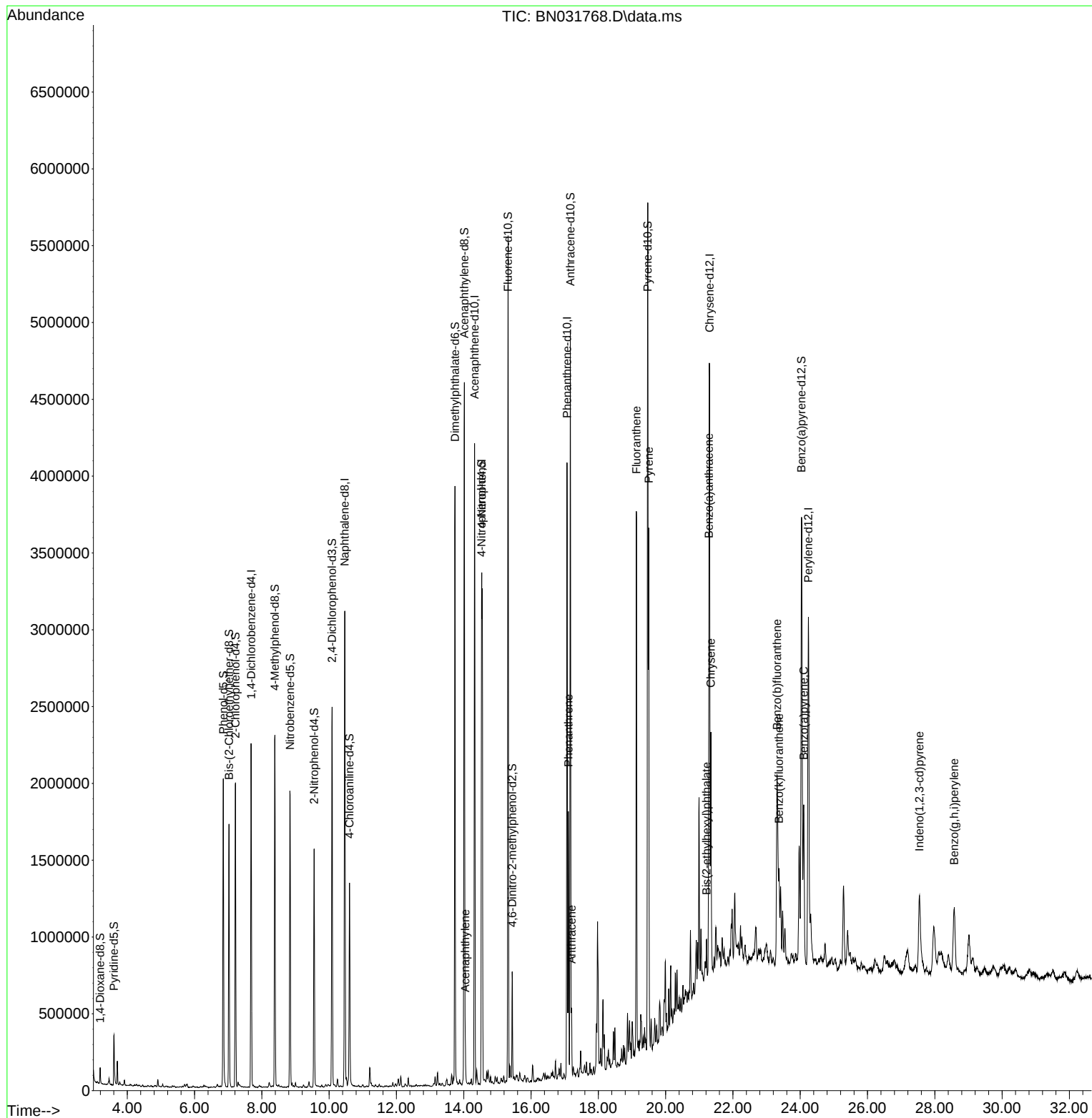
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	615313	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2625237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1458737	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2386163	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1692177	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2038000	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	55854	3.755	ng/uL	0.00
4) Pyridine-d5	3.605	84	193914	4.632	ng/u1	0.00
7) Phenol-d5	6.852	99	1253032	23.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	718848	23.298	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	996049	24.747	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	938364	21.823	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	530927	26.450	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	541389	26.110	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	941764	24.329	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	778295	13.542	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2652949	26.105	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3126456	26.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	216691	10.650	ng/u1	0.00
60) Fluorene-d10	15.316	176	2117466	24.626	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	148678	12.396	ng/u1	0.00
73) Anthracene-d10	17.169	188	2648018	25.921	ng/u1	0.00
81) Pyrene-d10	19.469	212	2695740	29.770	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2604025	26.759	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	210268	1.592	ng/u1	99
55) 4-Nitrophenol	14.534	109	22706	1.504	ng/u1#	10
72) Phenanthrene	17.110	178	1002931	8.251	ng/u1	100
74) Anthracene	17.204	178	279895	2.272	ng/u1	99
80) Fluoranthene	19.133	202	2070492	19.132	ng/u1	99
82) Pyrene	19.498	202	1962441	17.675	ng/u1	98
85) Benzo(a)anthracene	21.286	228	989727	8.738	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	92538	1.211	ng/u1	97
87) Chrysene	21.345	228	1015179	9.596	ng/u1	95
90) Benzo(b)fluoranthene	23.310	252	1446963	11.878	ng/u1	97
91) Benzo(k)fluoranthene	23.369	252	434853	3.638	ng/u1	99
93) Benzo(a)pyrene	24.104	252	1001252	8.776	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.545	276	731670	5.565	ng/u1	97
96) Benzo(g,h,i)perylene	28.574	276	718691	6.877	ng/u1	99

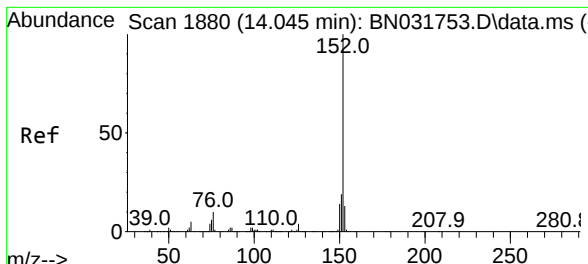
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
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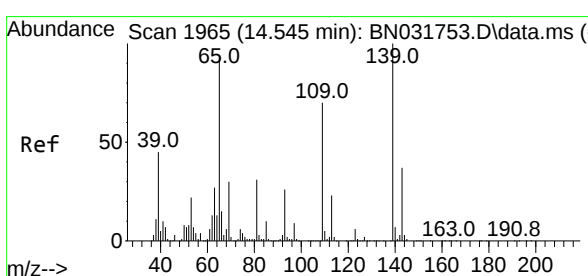
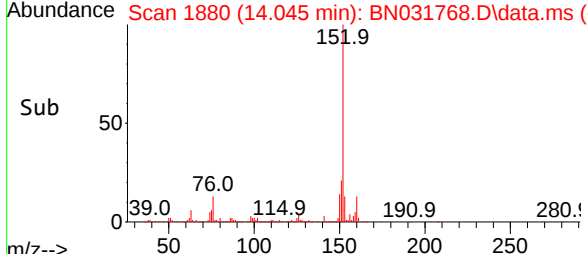
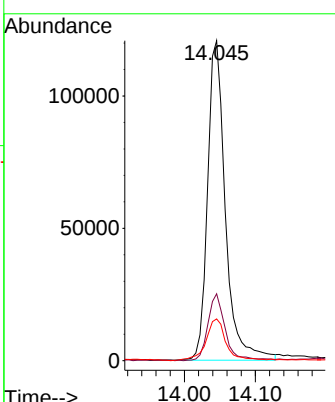
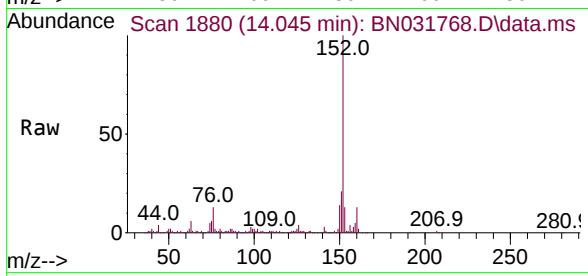




#50
 Acenaphthylene
 Concen: 1.592 ng/ul
 RT: 14.045 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: BN031768.D
 Acq: 03 Jun 2024 21:14

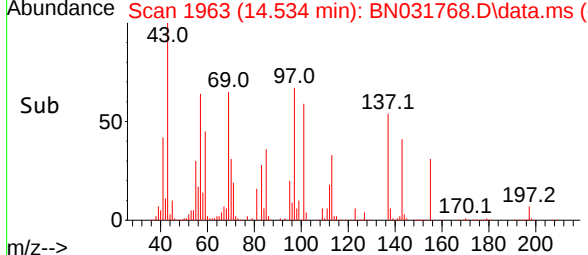
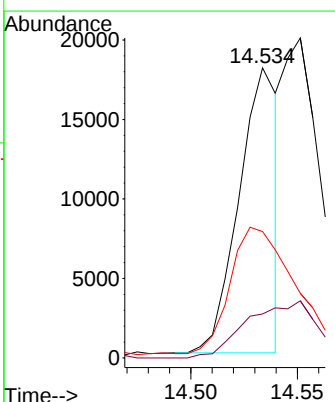
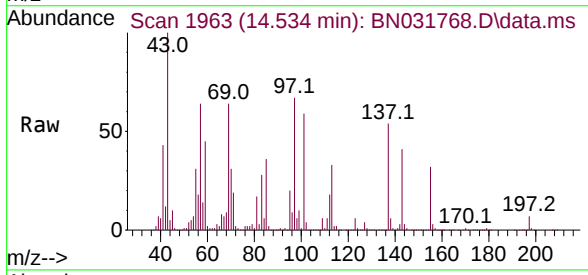
Instrument : BNA_N
 ClientSampleId : BHBL3

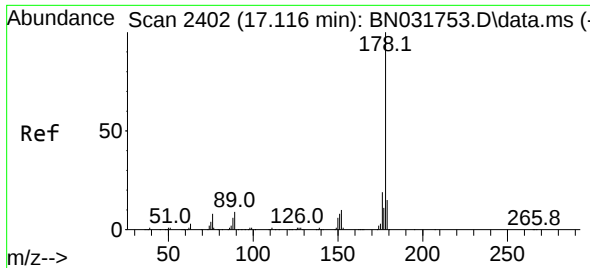
Tgt Ion:	152	Resp:	210268
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.9	23.9
153	13.0	10.4	15.6



#55
 4-Nitrophenol
 Concen: 1.504 ng/ul
 RT: 14.534 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: BN031768.D
 Acq: 03 Jun 2024 21:14

Tgt Ion:	109	Resp:	22706
Ion Ratio	Lower	Upper	
109	100		
139	15.2	113.4	170.2#
65	43.6	106.2	159.2#

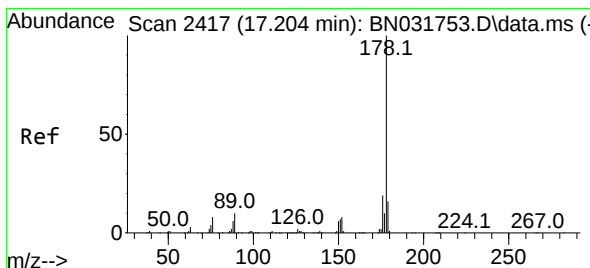
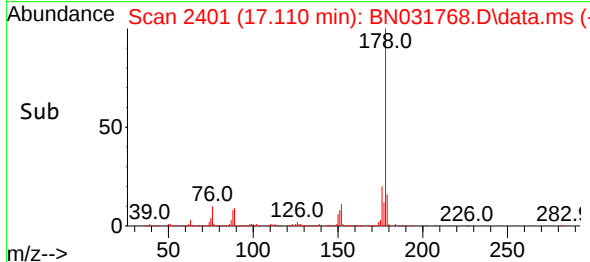
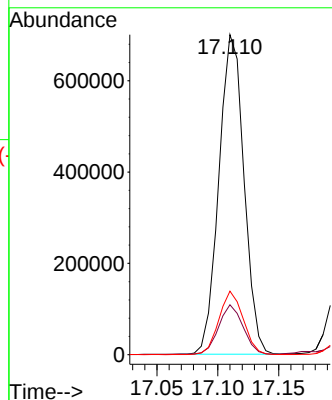
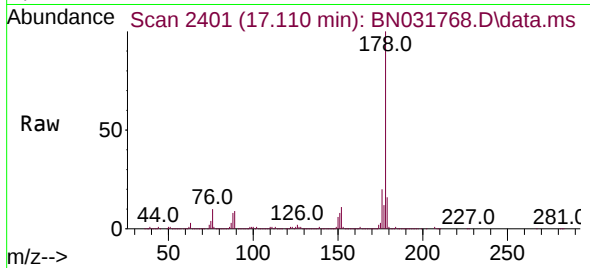




#72
Phenanthrene
Concen: 8.251 ng/u1
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031768.D
Acq: 03 Jun 2024 21:14

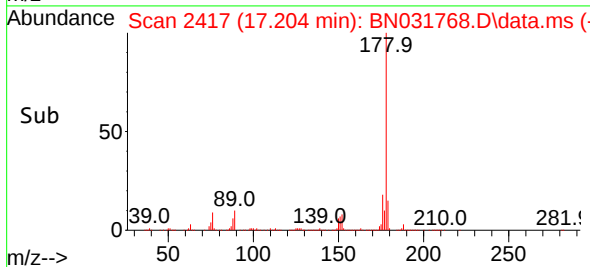
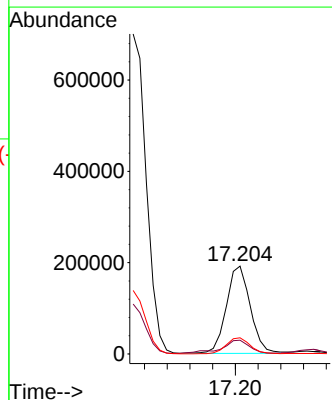
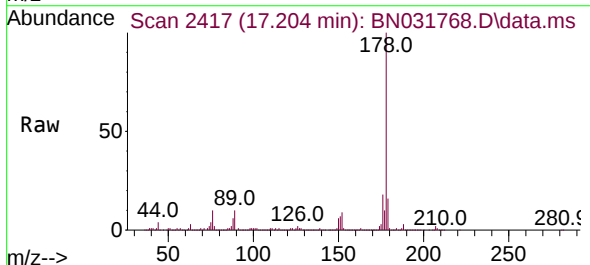
Instrument :
BNA_N
ClientSampleId :
BHBL3

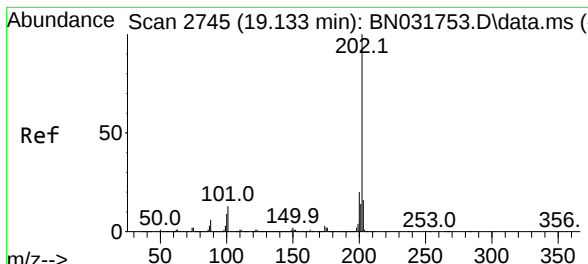
Tgt Ion:178 Resp: 1002931
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.8 15.8 23.6



#74
Anthracene
Concen: 2.272 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031768.D
Acq: 03 Jun 2024 21:14

Tgt Ion:178 Resp: 279895
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.6
176 18.3 14.8 22.2



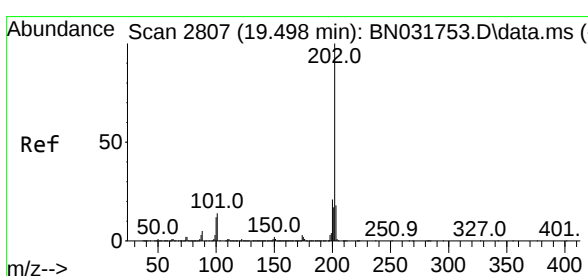
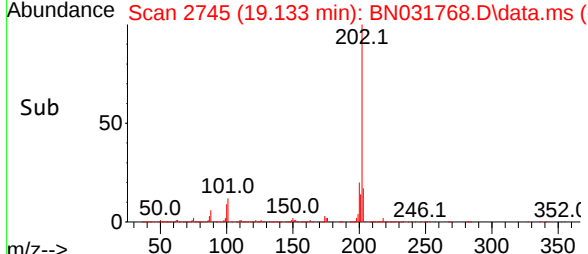
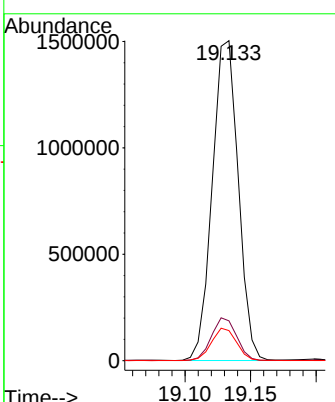
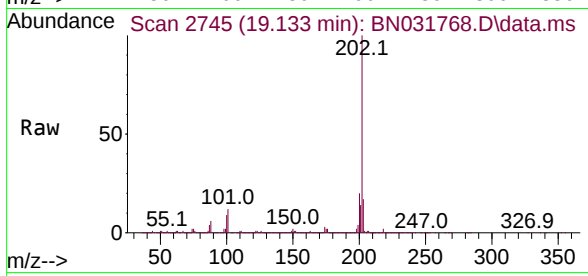


#80
 Fluoranthene
 Concen: 19.132 ng/u1
 RT: 19.133 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031768.D
 Acq: 03 Jun 2024 21:14

Instrument :
 BNA_N
 ClientSampleId :
 BHBL3

Tgt Ion:202 Resp: 2070492

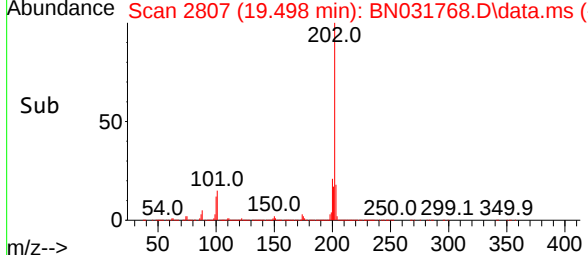
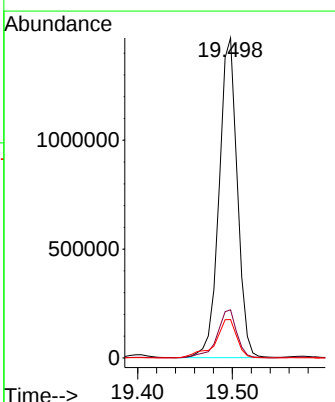
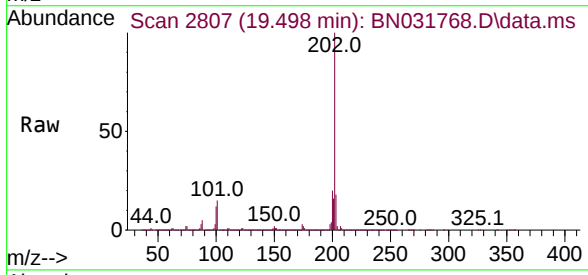
Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	9.4	8.0	12.0

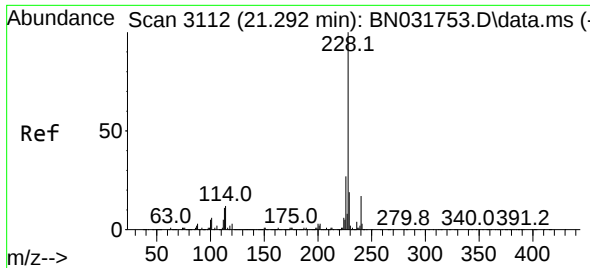


#82
 Pyrene
 Concen: 17.675 ng/u1
 RT: 19.498 min Scan# 2807
 Delta R.T. 0.006 min
 Lab File: BN031768.D
 Acq: 03 Jun 2024 21:14

Tgt Ion:202 Resp: 1962441

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.6	18.8
100	12.0	10.2	15.2

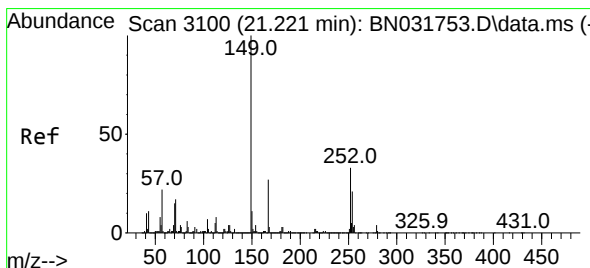
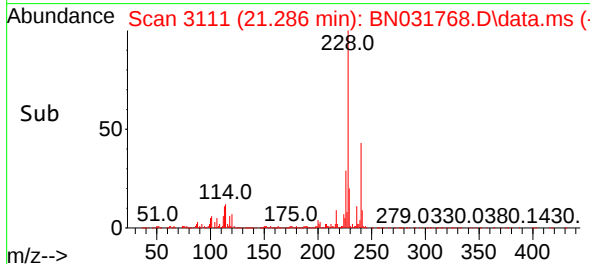
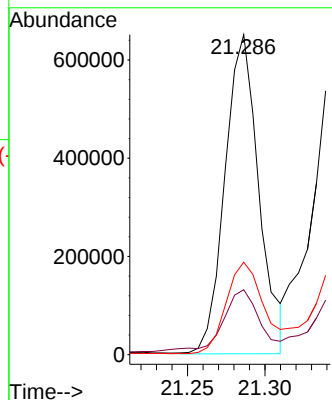
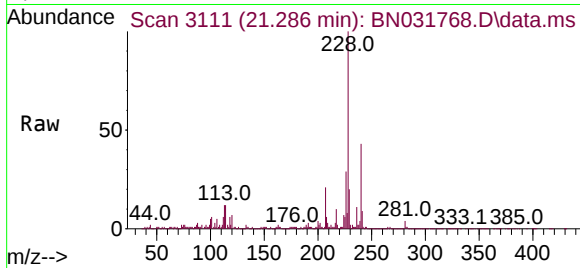




#85
Benzo(a)anthracene
Concen: 8.738 ng/ul
RT: 21.286 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN031768.D
Acq: 03 Jun 2024 21:14

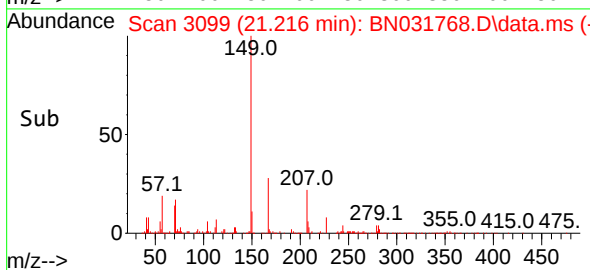
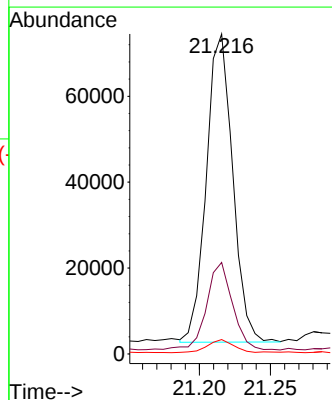
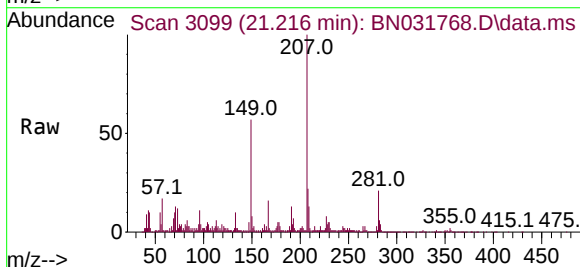
Instrument :
BNA_N
ClientSampleId :
BHBL3

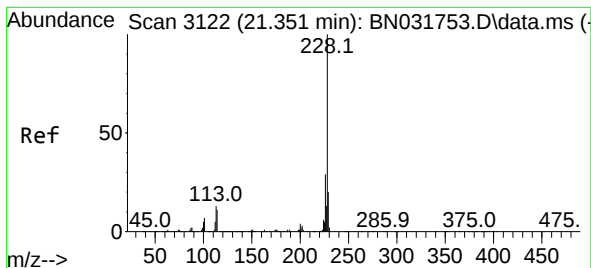
Tgt Ion:228 Resp: 989727
Ion Ratio Lower Upper
228 100
229 20.3 16.7 25.1
226 28.9 22.8 34.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.211 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031768.D
Acq: 03 Jun 2024 21:14

Tgt Ion:149 Resp: 92538
Ion Ratio Lower Upper
149 100
167 28.6 21.4 32.0
279 4.5 3.3 4.9





#87

Chrysene

Concen: 9.596 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031768.D

Acq: 03 Jun 2024 21:14

Instrument :

BNA_N

ClientSampleId :

BHBL3

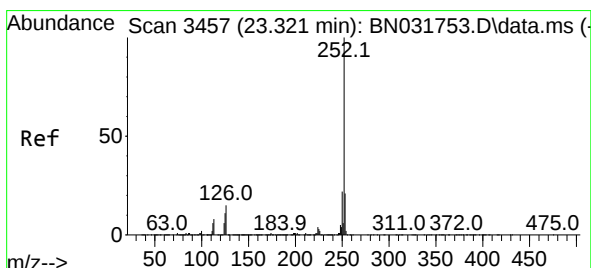
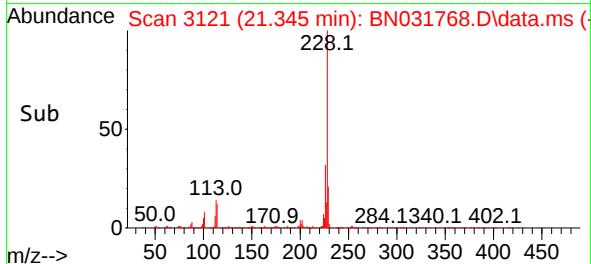
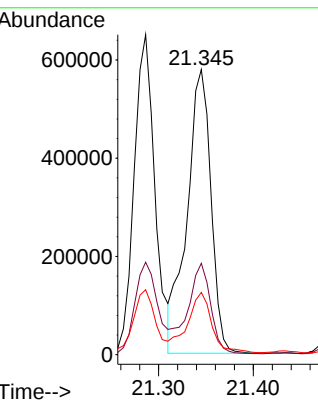
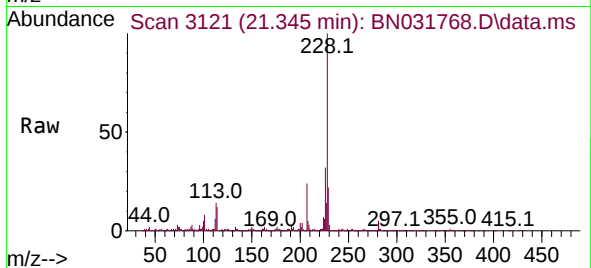
Tgt Ion:228 Resp: 1015179

Ion Ratio Lower Upper

228 100

226 32.0 23.7 35.5

229 21.8 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 11.878 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031768.D

Acq: 03 Jun 2024 21:14

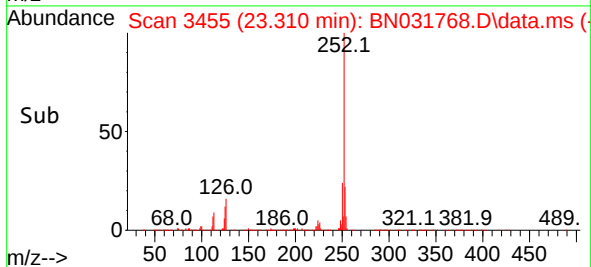
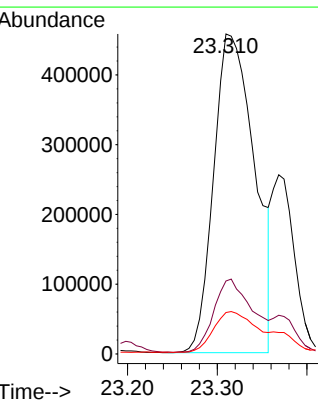
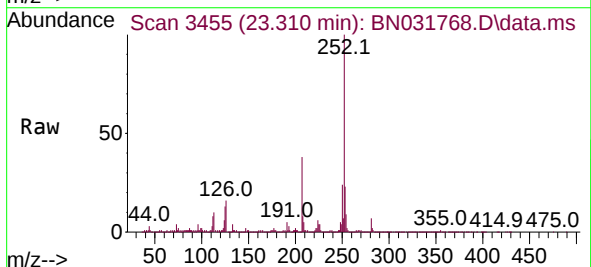
Tgt Ion:252 Resp: 1446963

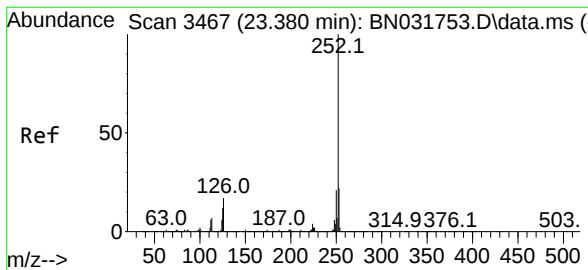
Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 12.9 9.2 13.8



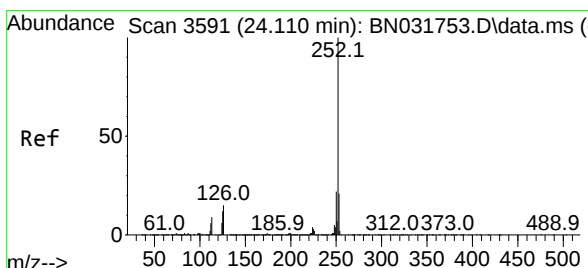
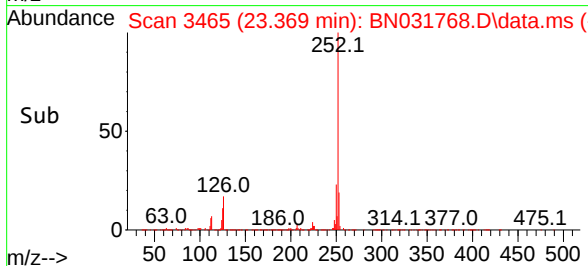
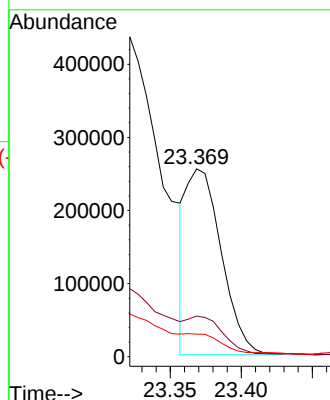
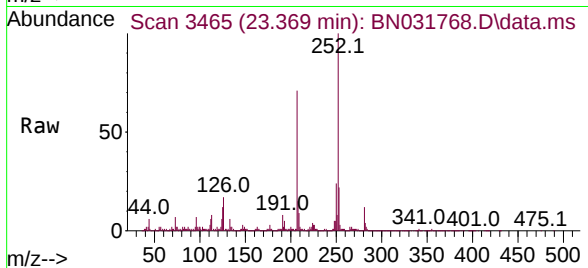


#91
 Benzo(k)fluoranthene
 Concen: 3.638 ng/ul
 RT: 23.369 min Scan# 3465
 Delta R.T. -0.006 min
 Lab File: BN031768.D
 Acq: 03 Jun 2024 21:14

Instrument : BNA_N
 ClientSampleId : BHBL3

Tgt Ion:252 Resp: 434853

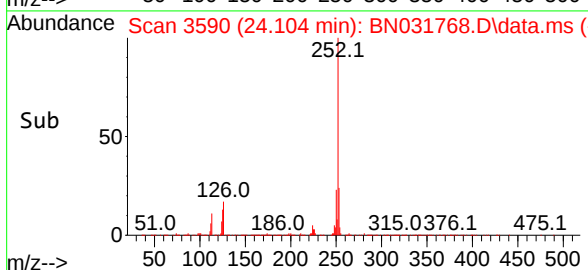
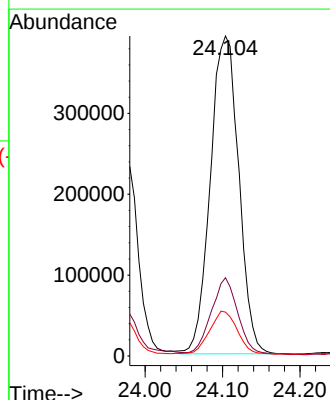
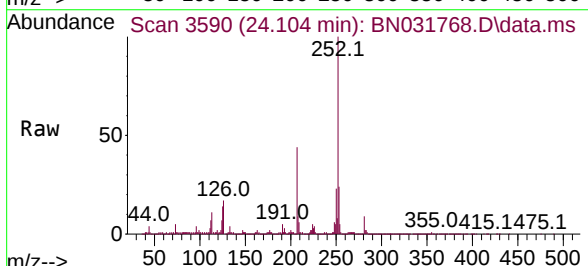
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	12.0	9.4	14.2

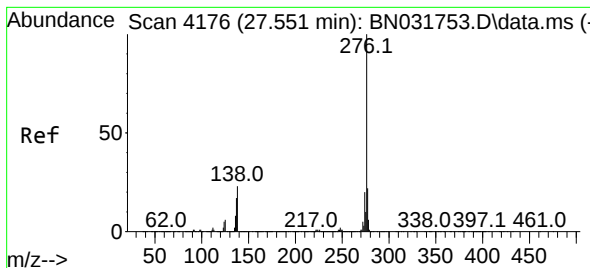


#93
 Benzo(a)pyrene
 Concen: 8.776 ng/ul
 RT: 24.104 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: BN031768.D
 Acq: 03 Jun 2024 21:14

Tgt Ion:252 Resp: 1001252

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.6	24.8
125	13.7	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.565 ng/ul

RT: 27.545 min Scan# 4175

Delta R.T. 0.012 min

Lab File: BN031768.D

Acq: 03 Jun 2024 21:14

Instrument :

BNA_N

ClientSampleId :

BHBL3

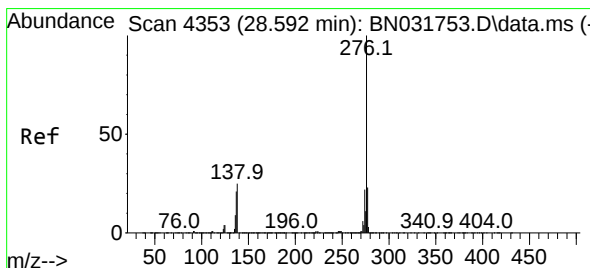
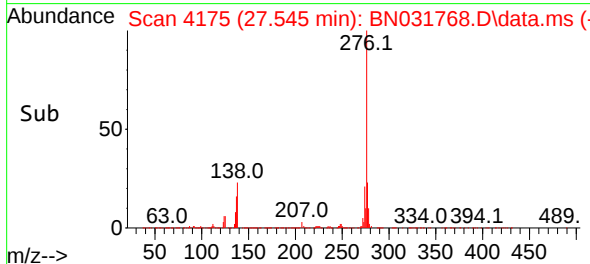
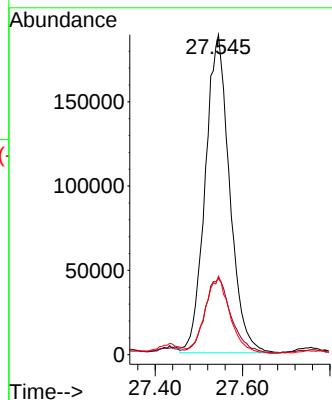
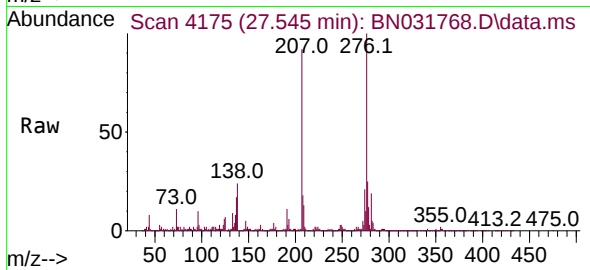
Tgt Ion:276 Resp: 731670

Ion Ratio Lower Upper

276 100

138 23.8 18.1 27.1

277 24.6 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 6.877 ng/ul

RT: 28.574 min Scan# 4350

Delta R.T. 0.006 min

Lab File: BN031768.D

Acq: 03 Jun 2024 21:14

Tgt Ion:276 Resp: 718691

Ion Ratio Lower Upper

276 100

138 26.1 20.9 31.3

277 23.8 18.0 27.0

