

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031769.D
 Acq On : 03 Jun 2024 21:54
 Operator : MA/JU
 Sample : P2590-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBL5

Quant Time: Jun 04 01:21:17 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)

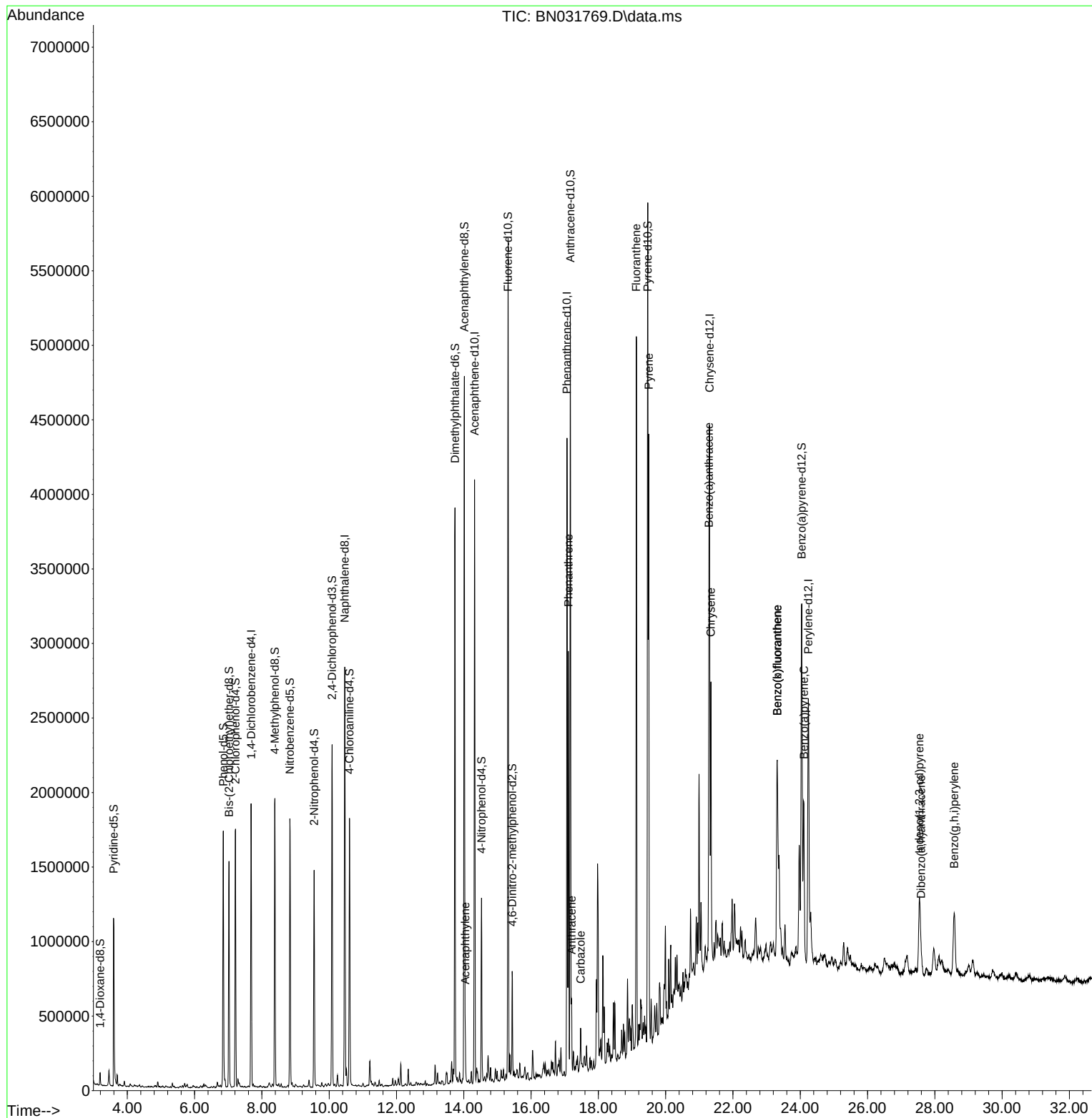
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	537692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2368512	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1401720	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.068	188	2474472	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1458058	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1619567	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	48269	3.714	ng/uL	0.00
4) Pyridine-d5	3.593	84	682046	18.642	ng/u1	0.00
7) Phenol-d5	6.851	99	1058640	22.966	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	641671	23.799	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	875216	24.884	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	780332	20.767	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	476463	26.310	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	512424	27.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.086	165	877336	25.121	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	1024646	19.760	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2653287	27.171	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3142029	27.983	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	305814	15.641	ng/u1	0.00
60) Fluorene-d10	15.316	176	2191618	26.525	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	149213	11.997	ng/u1	0.00
73) Anthracene-d10	17.168	188	2895417	27.331	ng/u1	0.00
81) Pyrene-d10	19.468	212	2743559	35.163	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2181177	28.204	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	239111	1.884	ng/u1	99
72) Phenanthrene	17.110	178	1702140	13.503	ng/u1	99
74) Anthracene	17.204	178	325614	2.549	ng/u1	99
77) Carbazole	17.474	167	162640	1.493	ng/u1	100
80) Fluoranthene	19.127	202	2865688	30.732	ng/u1	100
82) Pyrene	19.498	202	2395534	25.039	ng/u1	99
85) Benzo(a)anthracene	21.286	228	1103376	11.306	ng/u1	97
87) Chrysene	21.345	228	1184162	12.990	ng/u1	97
90) Benzo(b)fluoranthene	23.315	252	1551514	16.027	ng/u1	97
91) Benzo(k)fluoranthene	23.315	252	1551514	16.333	ng/u1	98
93) Benzo(a)pyrene	24.109	252	1035595	11.422	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.544	276	751141	7.189	ng/u1	97
95) Dibenzo(a,h)anthracene	27.591	278	103194	1.210	ng/u1#	93
96) Benzo(g,h,i)perylene	28.574	276	722022	8.694	ng/u1	98

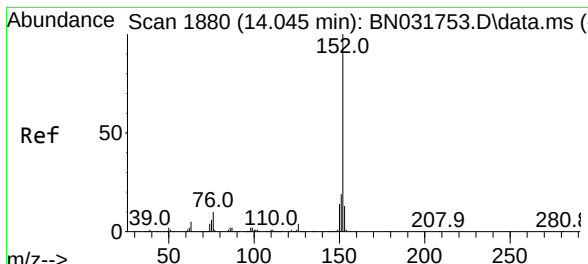
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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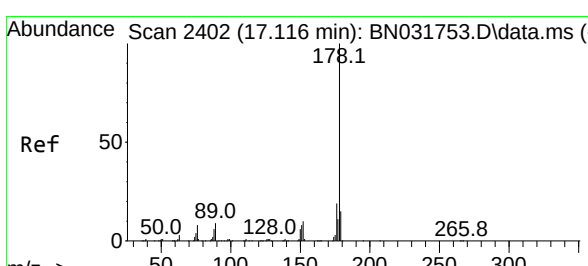
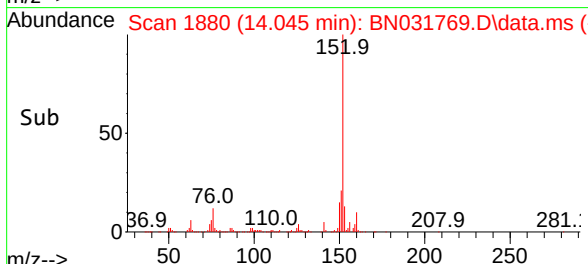
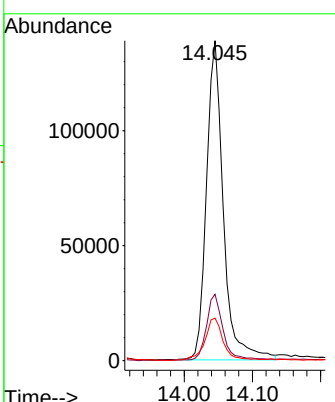
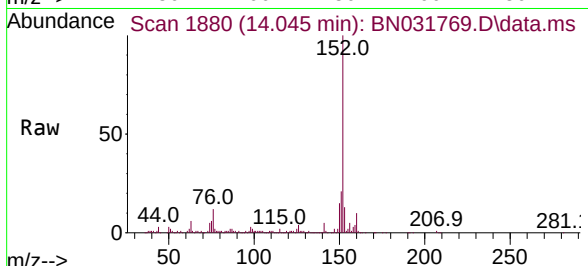


#50
 Acenaphthylene
 Concen: 1.884 ng/ul
 RT: 14.045 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: BN031769.D
 Acq: 03 Jun 2024 21:54

Instrument :
 BNA_N
 ClientSampleId :
 BHBL5

Tgt Ion:152 Resp: 239111

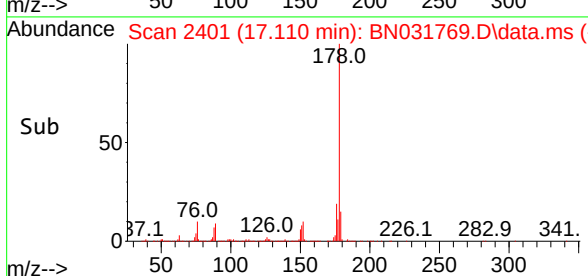
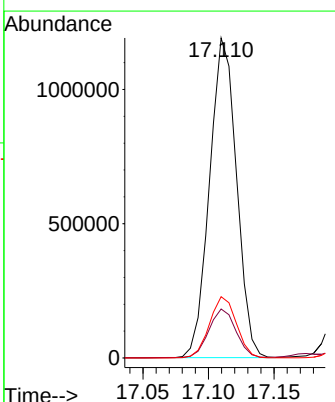
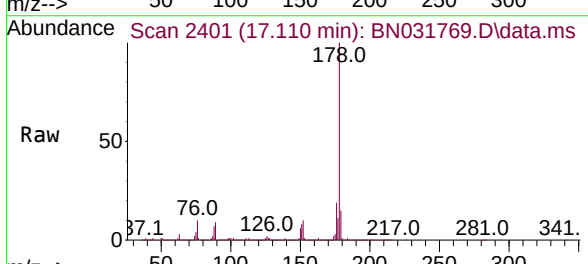
Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.3	10.4	15.6

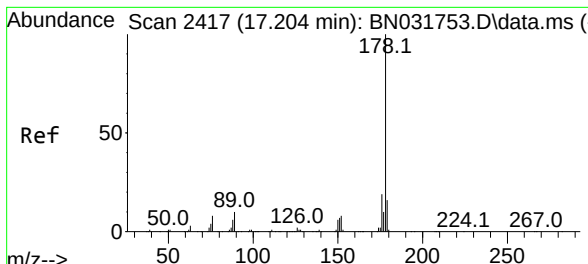


#72
 Phenanthrene
 Concen: 13.503 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031769.D
 Acq: 03 Jun 2024 21:54

Tgt Ion:178 Resp: 1702140

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.2	15.8	23.6



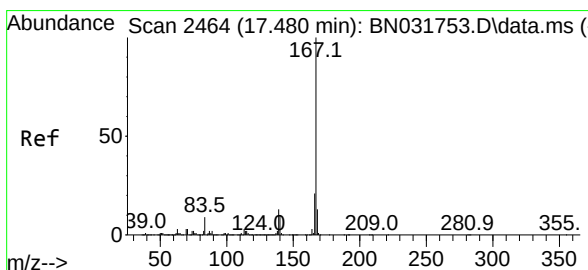
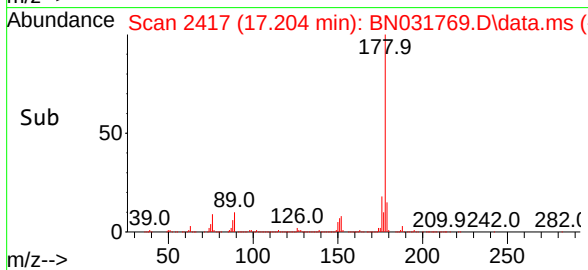
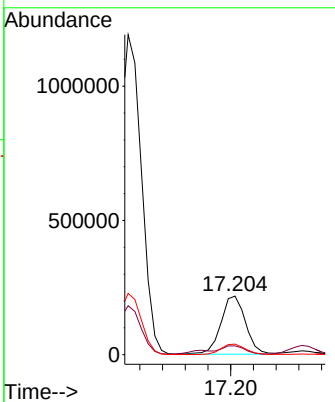
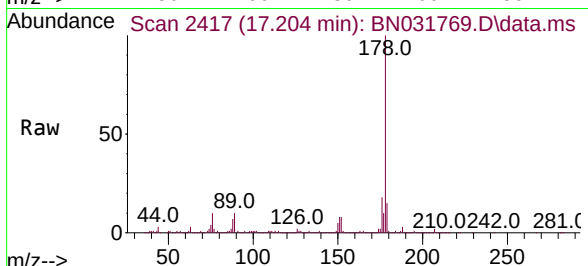


#74
 Anthracene
 Concen: 2.549 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031769.D
 Acq: 03 Jun 2024 21:54

Instrument :
 BNA_N
 ClientSampleId :
 BHBL5

Tgt Ion:178 Resp: 325614

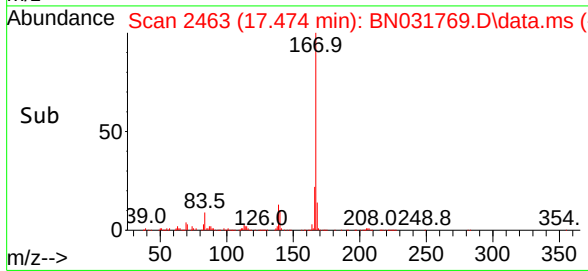
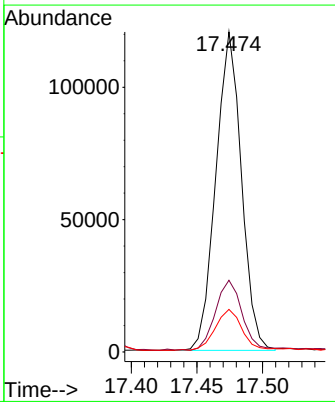
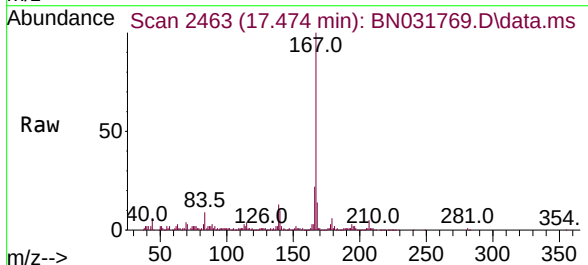
Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.6
176	18.1	14.8	22.2

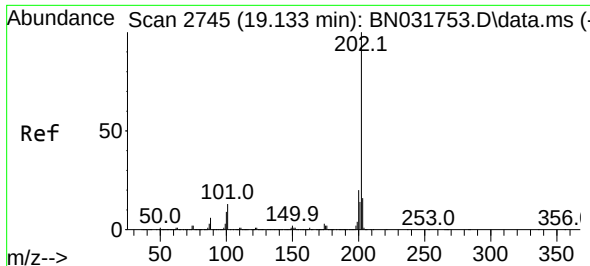


#77
 Carbazole
 Concen: 1.493 ng/ul
 RT: 17.474 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031769.D
 Acq: 03 Jun 2024 21:54

Tgt Ion:167 Resp: 162640

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.3	10.5	15.7

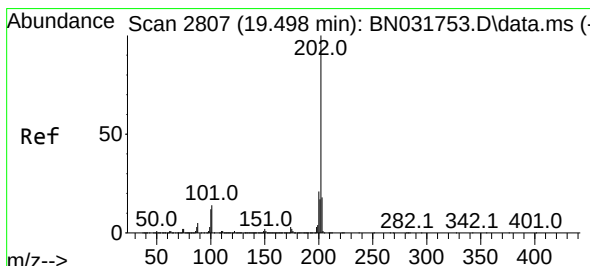
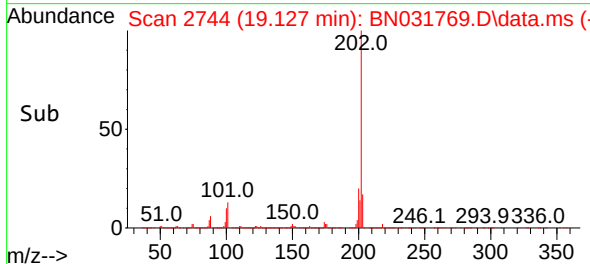
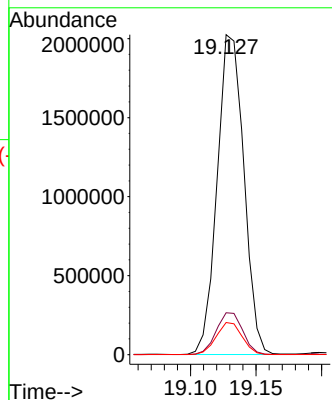
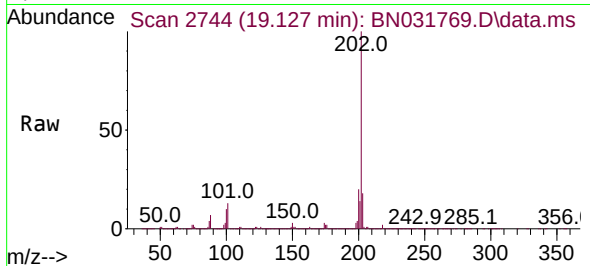




#80
Fluoranthene
Concen: 30.732 ng/u1
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031769.D
Acq: 03 Jun 2024 21:54

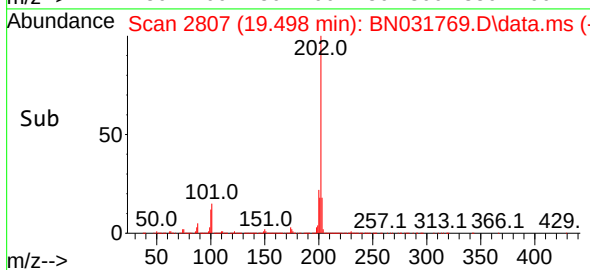
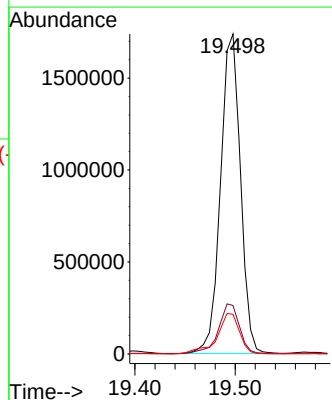
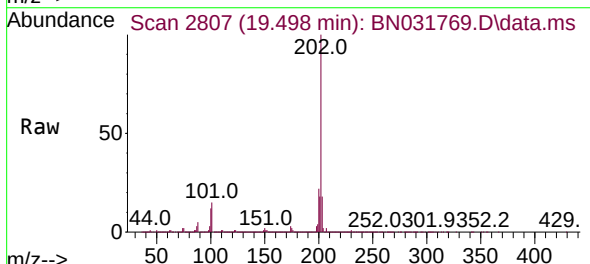
Instrument :
BNA_N
ClientSampleId :
BHBL5

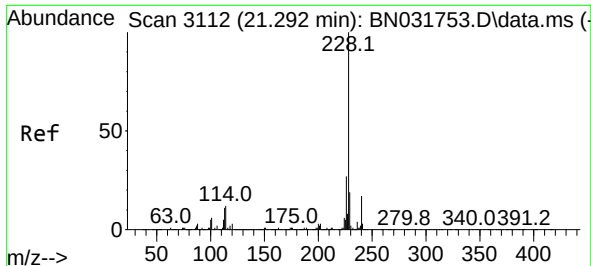
Tgt Ion:202 Resp: 2865688
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.0 8.0 12.0



#82
Pyrene
Concen: 25.039 ng/u1
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031769.D
Acq: 03 Jun 2024 21:54

Tgt Ion:202 Resp: 2395534
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.4 10.2 15.2

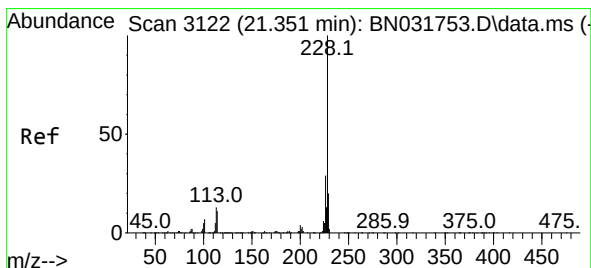
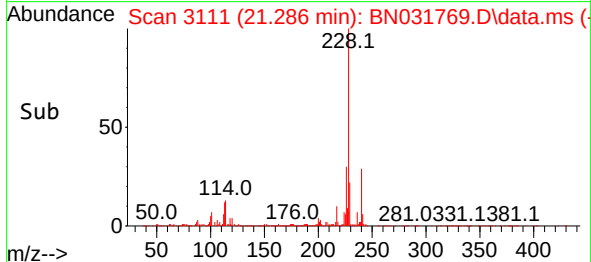
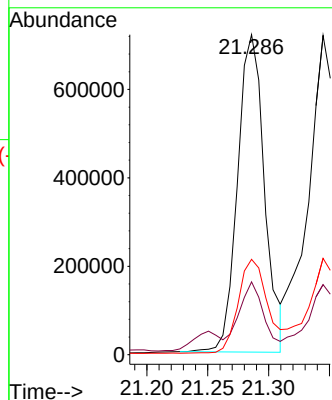
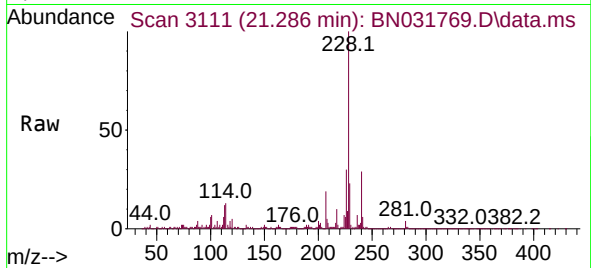




#85
Benzo(a)anthracene
Concen: 11.306 ng/u1
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031769.D
Acq: 03 Jun 2024 21:54

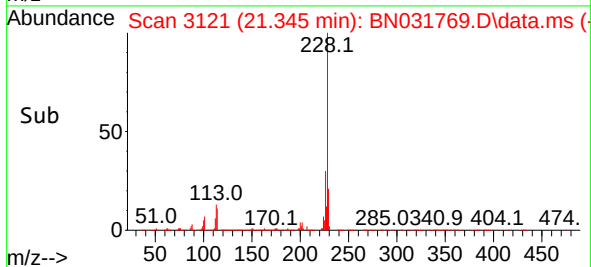
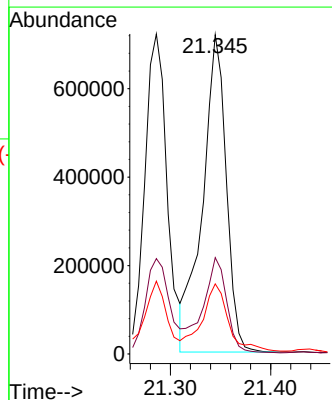
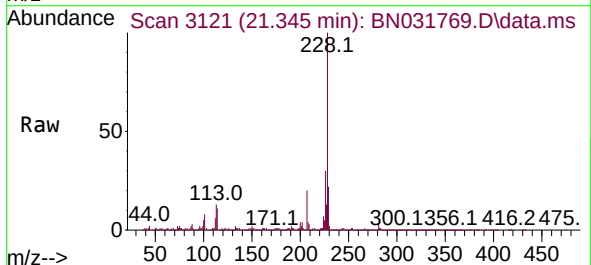
Instrument :
BNA_N
ClientSampleId :
BHBL5

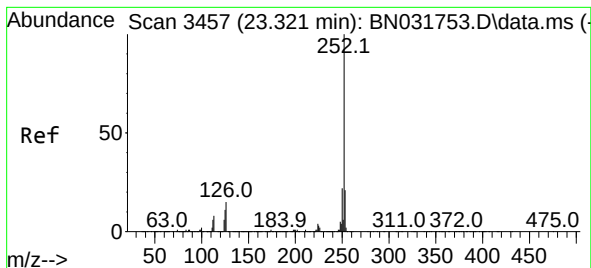
Tgt Ion:228 Resp: 1103376
Ion Ratio Lower Upper
228 100
229 22.8 16.7 25.1
226 29.8 22.8 34.2



#87
Chrysene
Concen: 12.990 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031769.D
Acq: 03 Jun 2024 21:54

Tgt Ion:228 Resp: 1184162
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 21.9 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 16.027 ng/ul

RT: 23.315 min Scan# 3456

Delta R.T. 0.005 min

Lab File: BN031769.D

Acq: 03 Jun 2024 21:54

Instrument :

BNA_N

ClientSampleId :

BHBL5

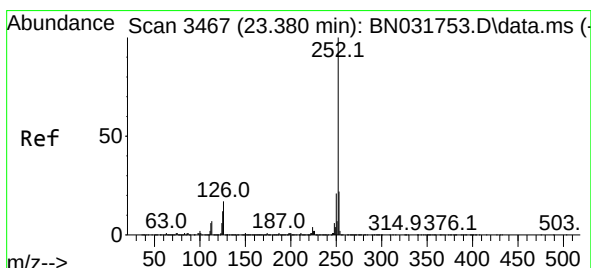
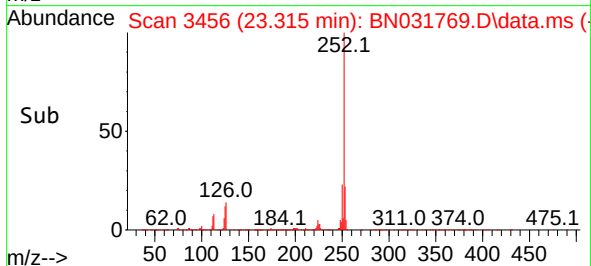
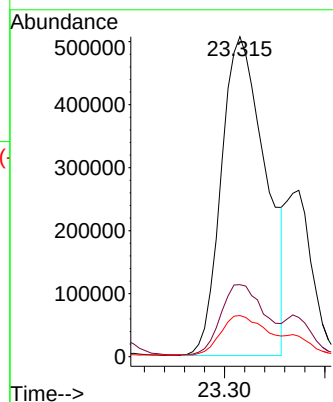
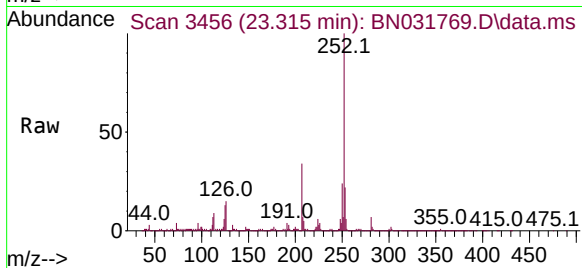
Tgt Ion:252 Resp: 1551514

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 12.8 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 16.333 ng/ul

RT: 23.315 min Scan# 3456

Delta R.T. -0.059 min

Lab File: BN031769.D

Acq: 03 Jun 2024 21:54

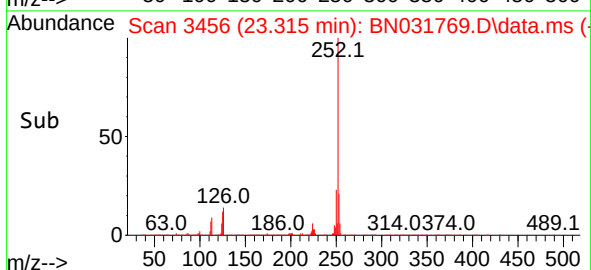
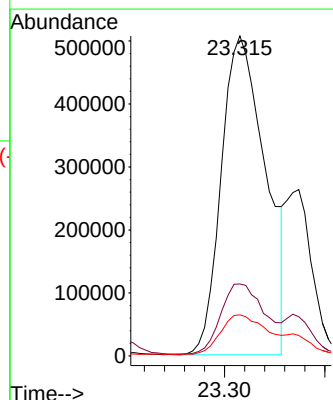
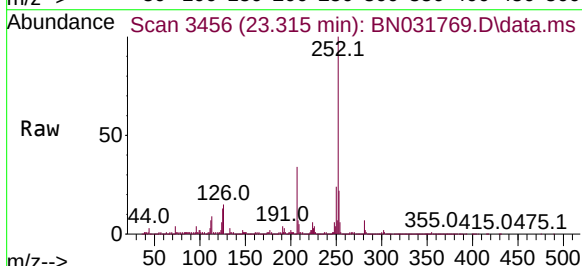
Tgt Ion:252 Resp: 1551514

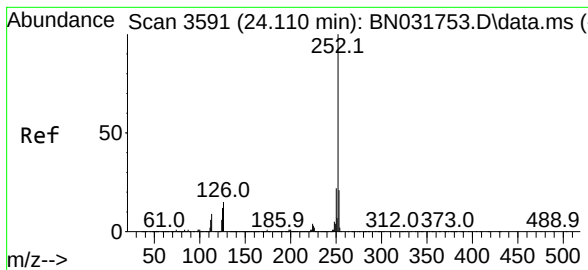
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.8 9.4 14.2

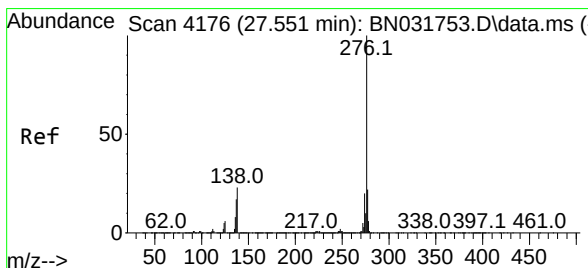
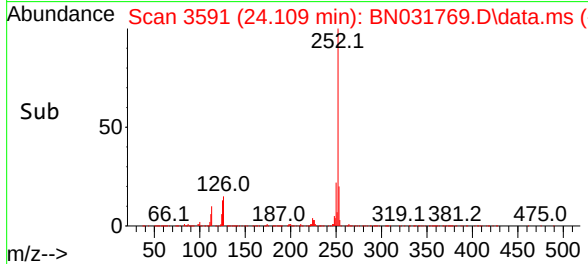
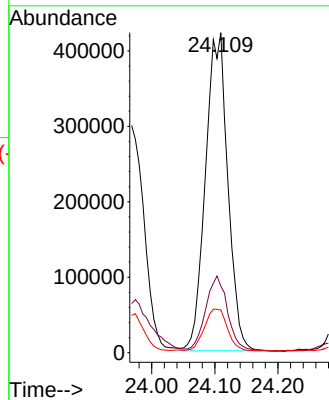
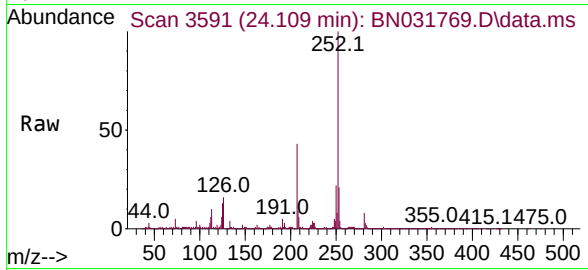




#93
Benzo(a)pyrene
Concen: 11.422 ng/ul
RT: 24.109 min Scan# 31
Delta R.T. 0.006 min
Lab File: BN031769.D
Acq: 03 Jun 2024 21:54

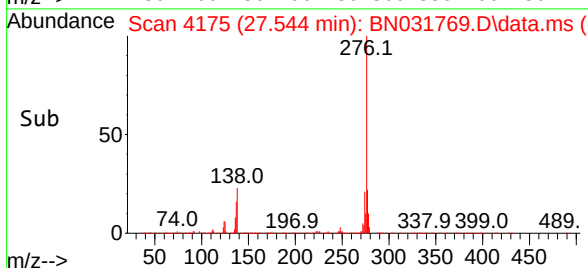
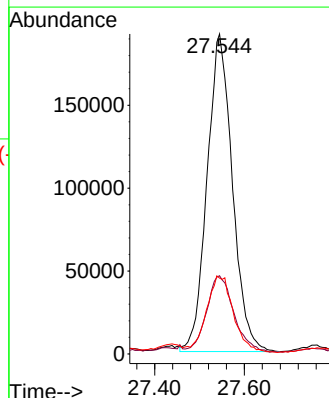
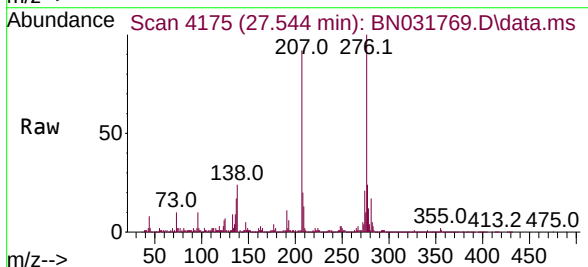
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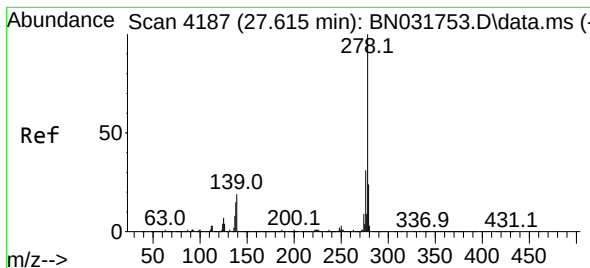
Tgt Ion:252 Resp: 1035595
Ion Ratio Lower Upper
252 100
253 20.8 16.6 24.8
125 13.4 9.8 14.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 7.189 ng/ul
RT: 27.544 min Scan# 4175
Delta R.T. 0.011 min
Lab File: BN031769.D
Acq: 03 Jun 2024 21:54

Tgt Ion:276 Resp: 751141
Ion Ratio Lower Upper
276 100
138 24.5 18.1 27.1
277 23.7 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.210 ng/ul

RT: 27.591 min Scan# 4187

Delta R.T. -0.012 min

Lab File: BN031769.D

Acq: 03 Jun 2024 21:54

Instrument :

BNA_N

ClientSampleId :

BHBL5

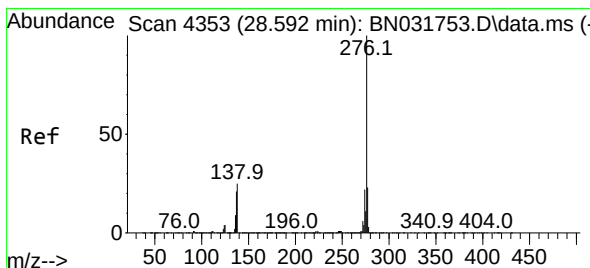
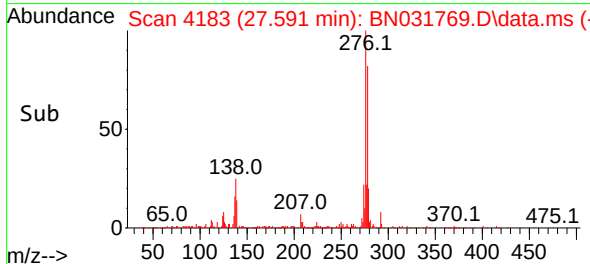
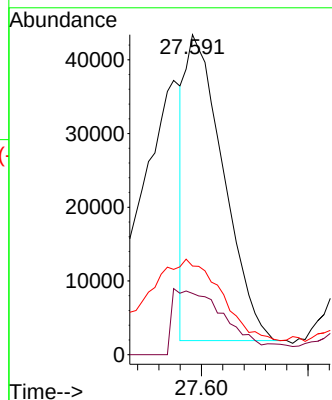
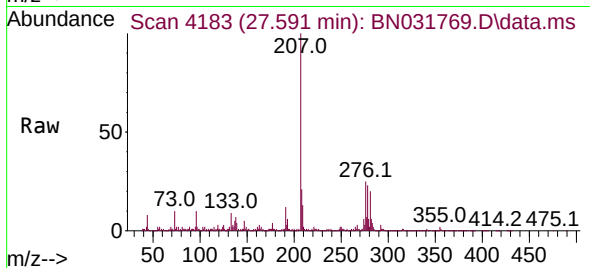
Tgt Ion:278 Resp: 103194

Ion Ratio Lower Upper

278 100

139 19.2 15.0 22.6

279 27.7 17.4 26.0#



#96

Benzo(g,h,i)perylene

Concen: 8.694 ng/ul

RT: 28.574 min Scan# 4350

Delta R.T. 0.005 min

Lab File: BN031769.D

Acq: 03 Jun 2024 21:54

Tgt Ion:276 Resp: 722022

Ion Ratio Lower Upper

276 100

138 25.4 20.9 31.3

277 23.8 18.0 27.0

