

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023779.D
 Acq On : 28 Jan 2025 19:04
 Operator : RC/JU
 Sample : Q1189-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44Q6

Quant Time: Jan 29 08:49:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

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

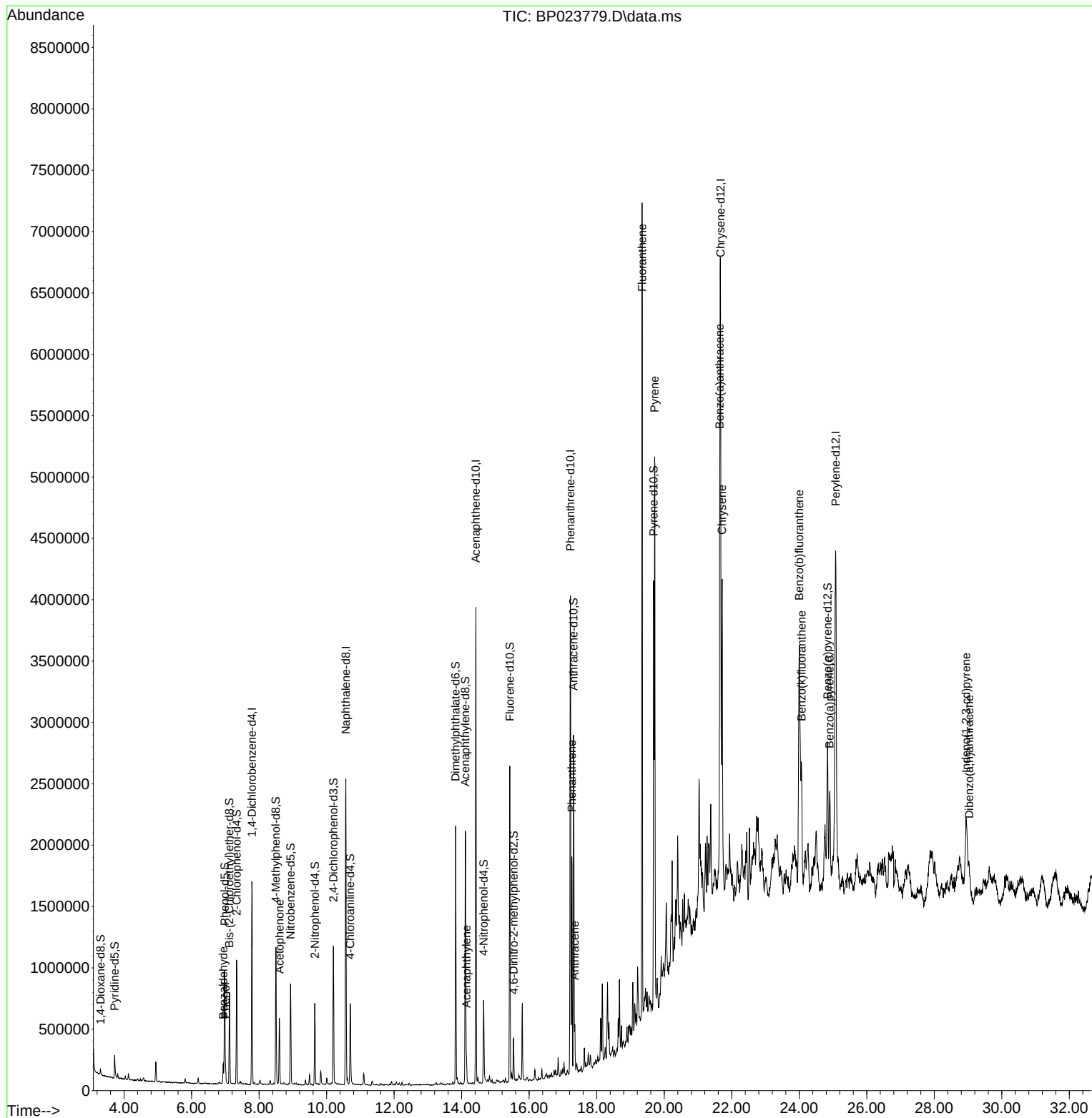
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	479998	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2058285	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	1304728	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	2499711	20.000	ng/u1	0.00
79) Chrysene-d12	21.669	240	2534234	20.000	ng/u1	0.00
88) Perylene-d12	25.080	264	2825909	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	27475	2.305	ng/uL	0.00
4) Pyridine-d5	3.722	84	112351	3.267	ng/u1	0.02
7) Phenol-d5	6.981	99	582158	14.333	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	301886	13.159	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	473372	15.331	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	425863	13.334	ng/u1	0.02
21) Nitrobenzene-d5	8.934	128	220471	14.217	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	232563	16.358	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	450159	15.063	ng/u1	0.02
31) 4-Chloroaniline-d4	10.698	131	405236	8.479	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	1338966	14.270	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	1374840	12.660	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	200632	10.641	ng/u1	0.06
60) Fluorene-d10	15.428	176	997198	12.415	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	79631	6.469	ng/u1	0.01
73) Anthracene-d10	17.316	188	1579486	13.161	ng/u1	0.00
81) Pyrene-d10	19.686	212	1500165	11.633	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.839	264	1067547	7.547	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.940	77	53656	2.629	ng/u1	97
8) Phenol	7.005	94	81518	1.918	ng/u1	97
16) Acetophenone	8.604	105	307934	6.004	ng/u1	98
50) Acenaphthylene	14.140	152	174025	1.478	ng/u1	99
72) Phenanthrene	17.263	178	1074374	7.607	ng/u1	99
74) Anthracene	17.351	178	215901	1.539	ng/u1	99
80) Fluoranthene	19.345	202	3692917	25.186	ng/u1	99
82) Pyrene	19.716	202	2715173	17.050	ng/u1	98
85) Benzo(a)anthracene	21.645	228	1530881	9.529	ng/u1	97
87) Chrysene	21.716	228	1905963	12.672	ng/u1	98
90) Benzo(b)fluoranthene	24.004	252	2536530	15.110	ng/u1	98
91) Benzo(k)fluoranthene	24.068	252	786083	4.542	ng/u1	98
93) Benzo(a)pyrene	24.898	252	901966	5.709	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.939	276	906576	4.617	ng/u1	99
95) Dibenzo(a,h)anthracene	29.033	278	321020	2.012	ng/u1	93

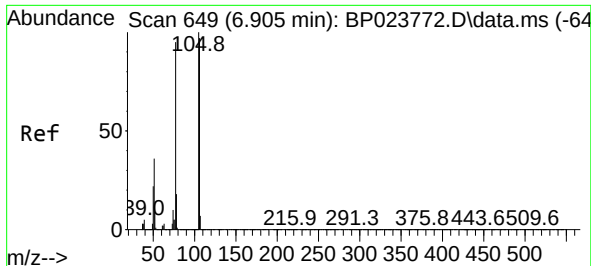
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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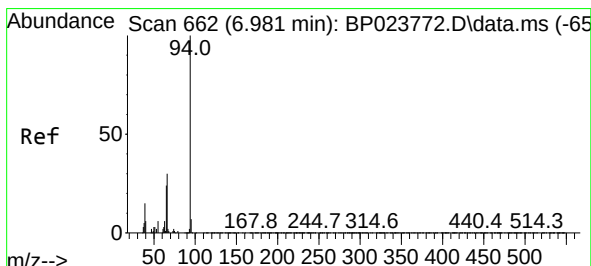
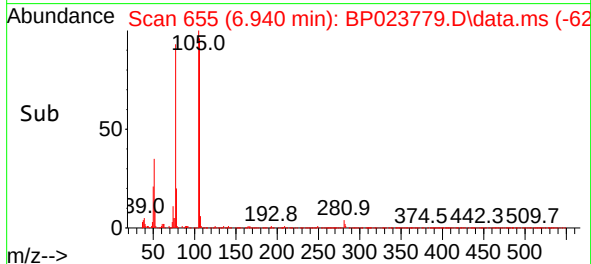
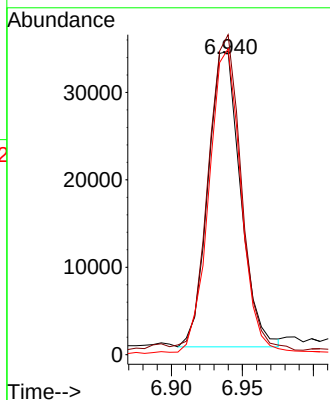
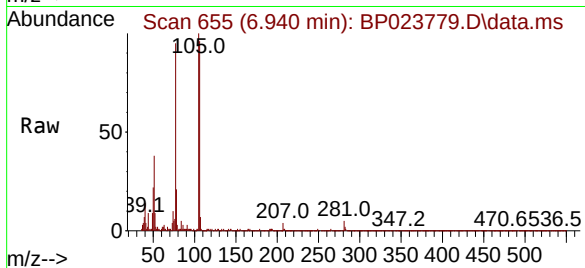




#6
Benzaldehyde
Concen: 2.629 ng/ul
RT: 6.940 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

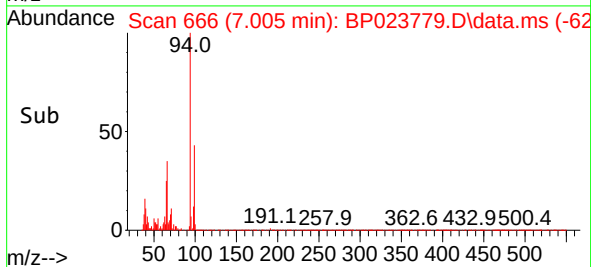
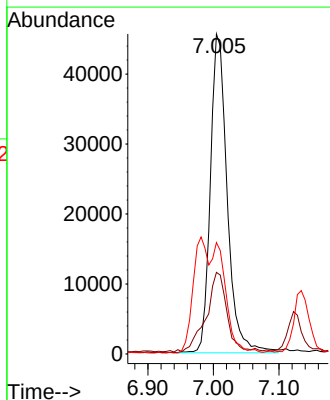
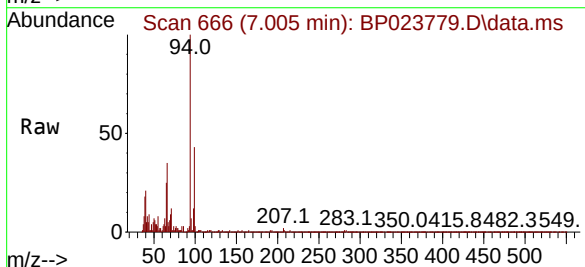
Instrument :
BNA_P
ClientSampleId :
A44Q6

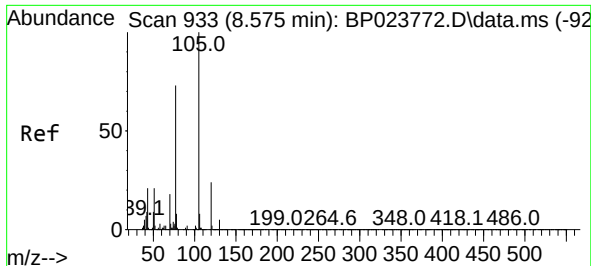
Tgt Ion: 77 Resp: 53656
Ion Ratio Lower Upper
77 100
105 105.5 81.0 121.6
106 100.9 78.6 118.0



#8
Phenol
Concen: 1.918 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. 0.029 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

Tgt Ion: 94 Resp: 81518
Ion Ratio Lower Upper
94 100
65 25.5 20.2 30.2
66 34.8 26.0 39.0

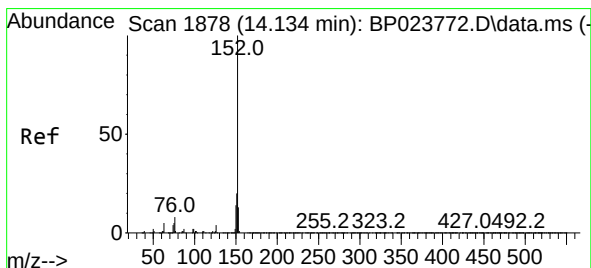
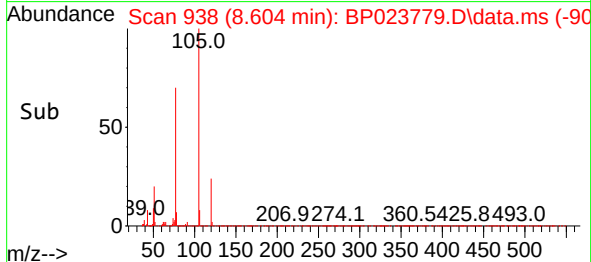
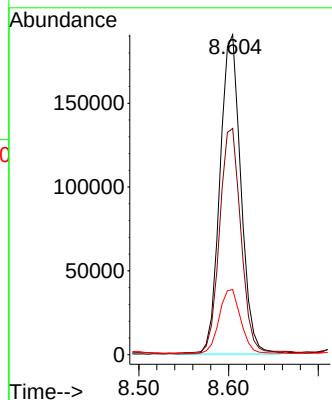
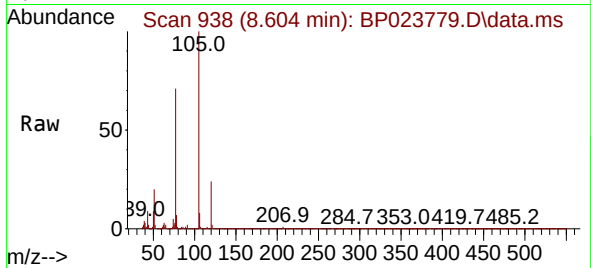




#16
Acetophenone
Concen: 6.004 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

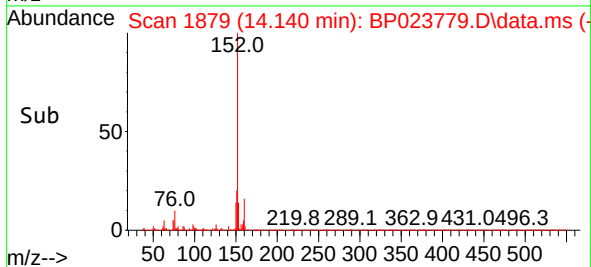
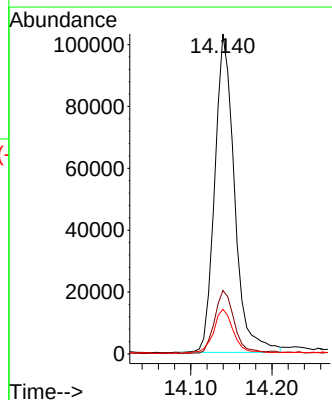
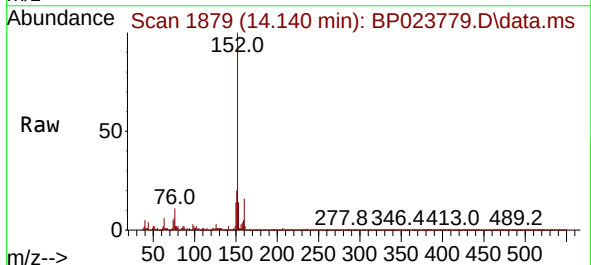
Instrument :
BNA_P
ClientSampleId :
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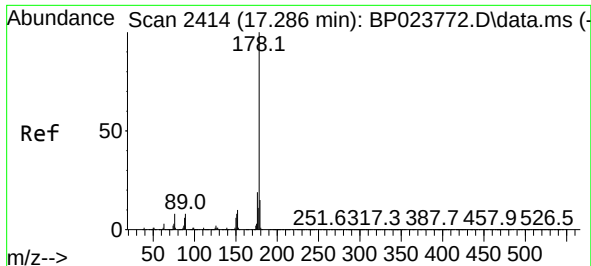
Tgt Ion:105 Resp: 307934
Ion Ratio Lower Upper
105 100
77 70.7 58.1 87.1
51 20.3 16.4 24.6



#50
Acenaphthylene
Concen: 1.478 ng/ul
RT: 14.140 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

Tgt Ion:152 Resp: 174025
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.9 10.6 15.8

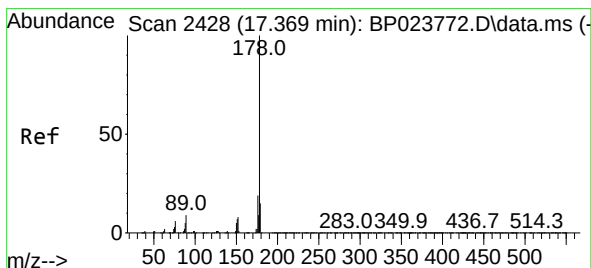
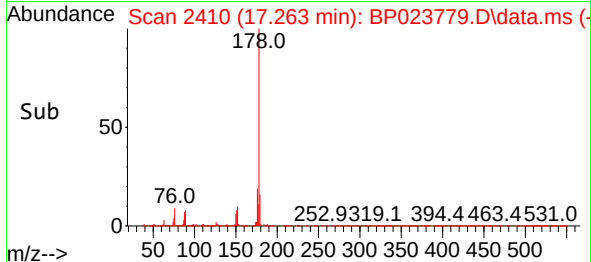
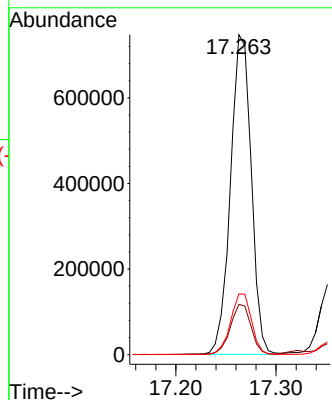
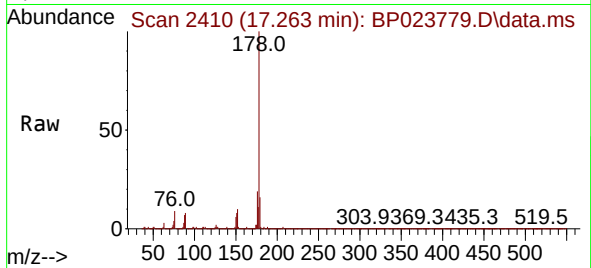




#72
Phenanthrene
Concen: 7.607 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

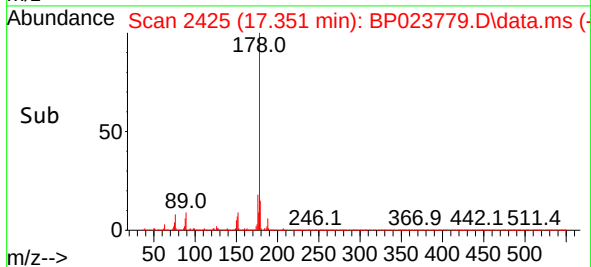
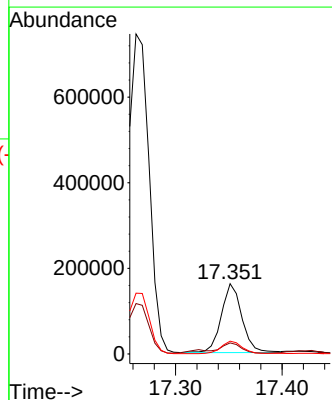
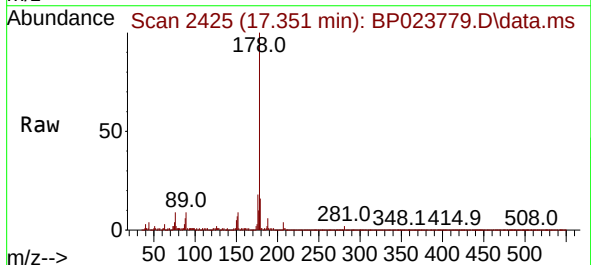
Instrument :
BNA_P
ClientSampleId :
A44Q6

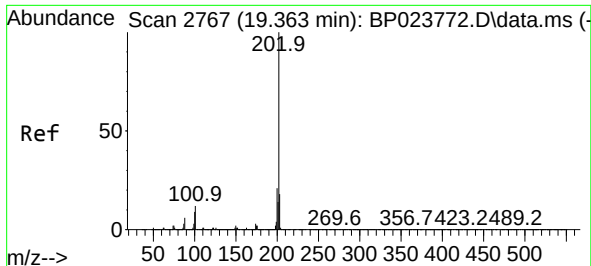
Tgt Ion:178 Resp: 1074374
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.0 15.7 23.5



#74
Anthracene
Concen: 1.539 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

Tgt Ion:178 Resp: 215901
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.2 15.0 22.6

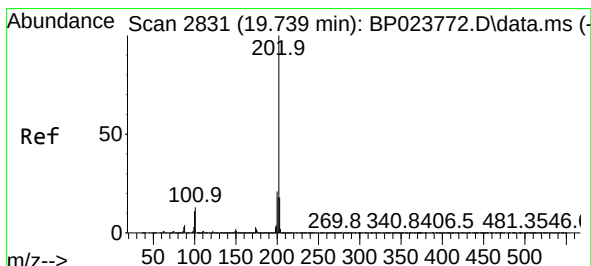
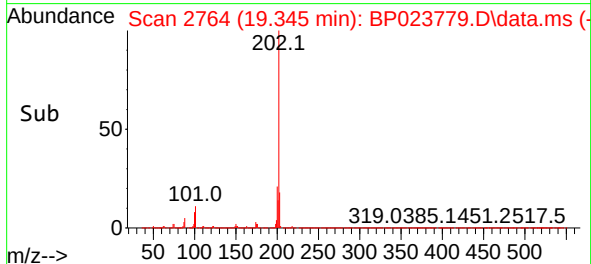
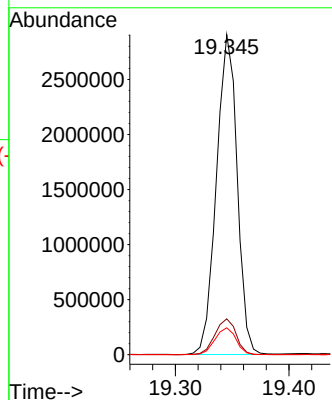
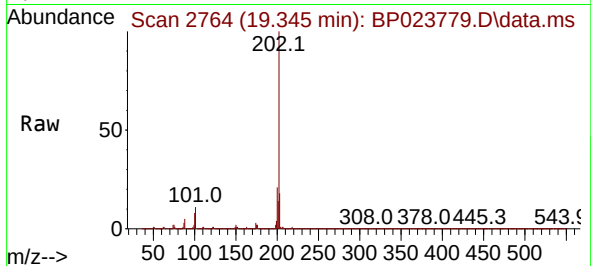




#80
Fluoranthene
Concen: 25.186 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

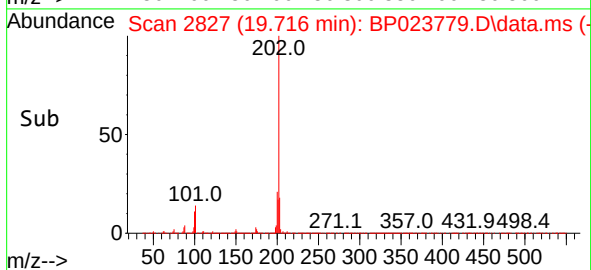
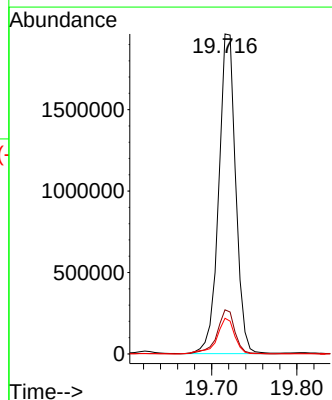
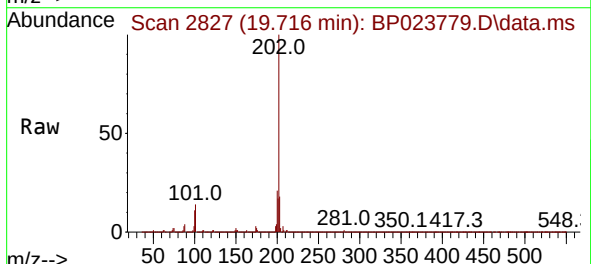
Instrument :
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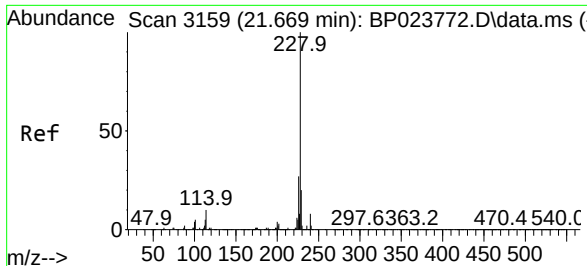
Tgt Ion:202 Resp: 3692917
Ion Ratio Lower Upper
202 100
101 11.2 9.2 13.8
100 8.4 7.0 10.6



#82
Pyrene
Concen: 17.050 ng/ul
RT: 19.716 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

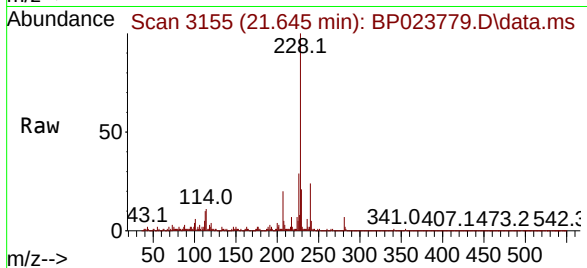
Tgt Ion:202 Resp: 2715173
Ion Ratio Lower Upper
202 100
101 13.8 11.6 17.4
100 11.1 9.6 14.4



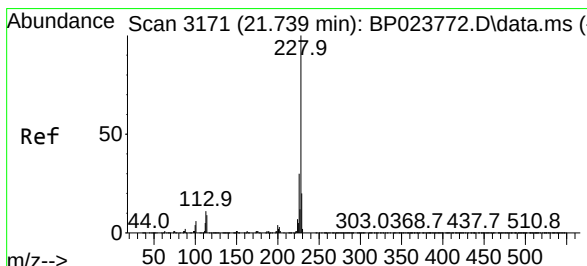
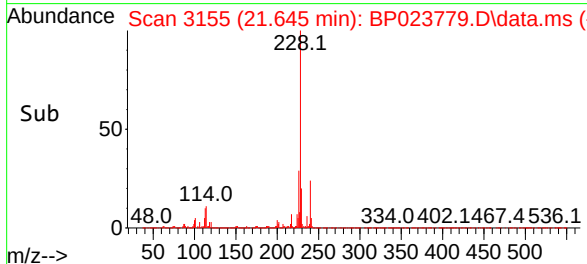
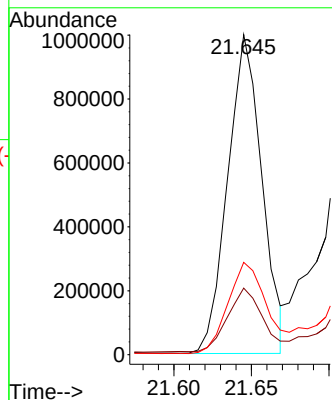


#85
Benzo(a)anthracene
Concen: 9.529 ng/ul
RT: 21.645 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

Instrument :
BNA_P
ClientSampleId :
A44Q6

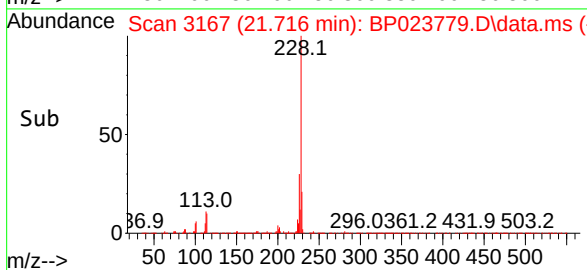
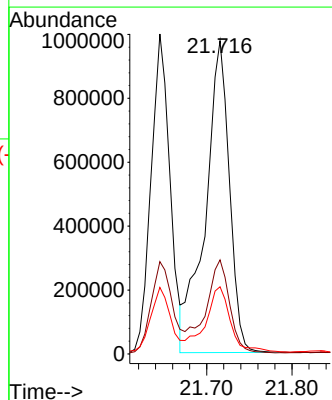
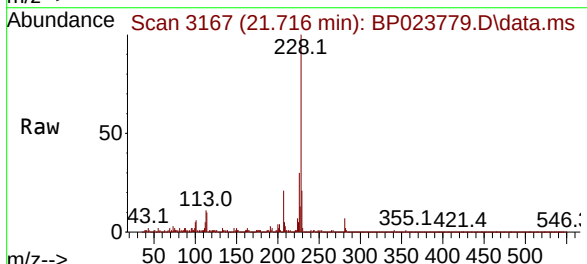


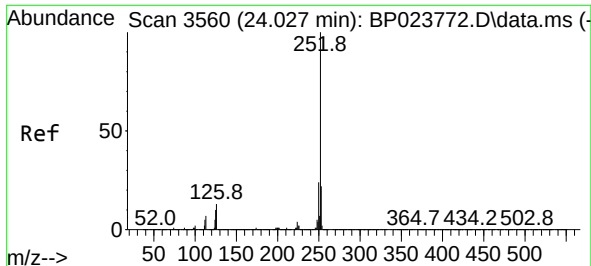
Tgt Ion:228 Resp: 1530881
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 28.8 21.8 32.8



#87
Chrysene
Concen: 12.672 ng/ul
RT: 21.716 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

Tgt Ion:228 Resp: 1905963
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 21.5 15.8 23.6

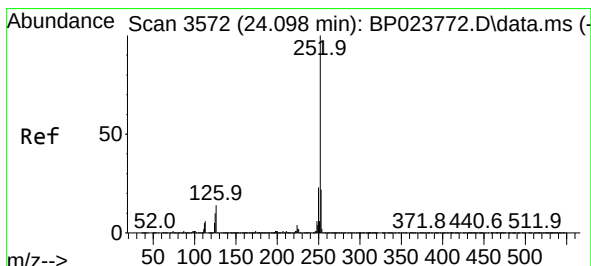
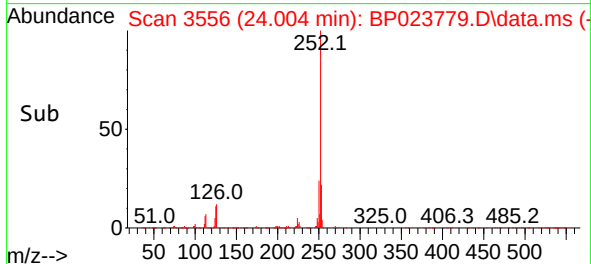
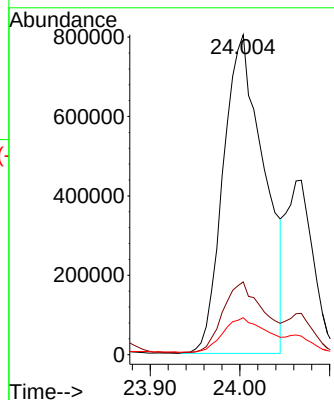
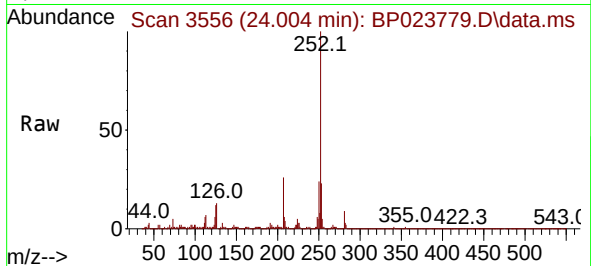




#90
Benzo(b)fluoranthene
Concen: 15.110 ng/ul
RT: 24.004 min Scan# 3556
Delta R.T. 0.006 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

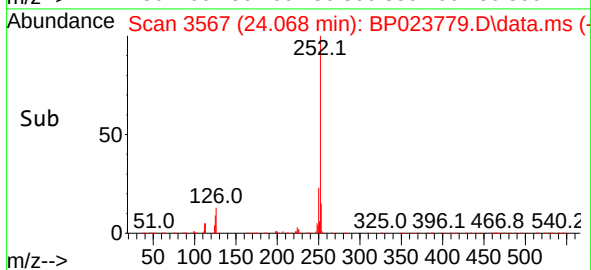
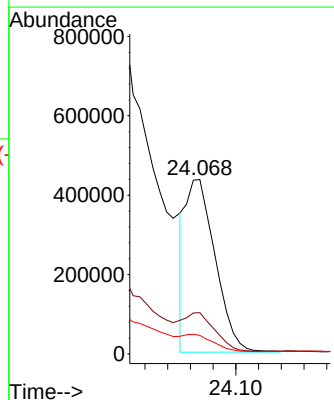
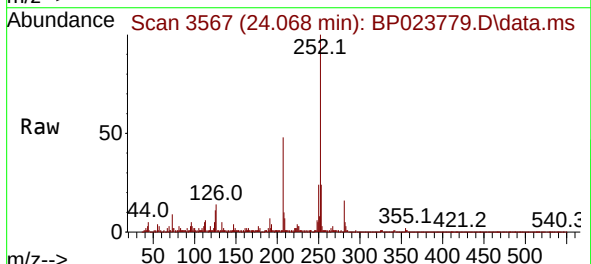
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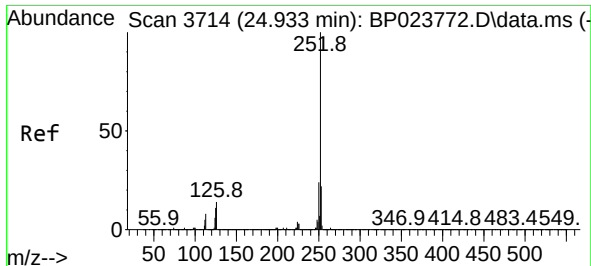
Tgt Ion:252 Resp: 2536530
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.5 8.2 12.4



#91
Benzo(k)fluoranthene
Concen: 4.542 ng/ul
RT: 24.068 min Scan# 3567
Delta R.T. 0.000 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

Tgt Ion:252 Resp: 786083
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 10.7 8.6 13.0

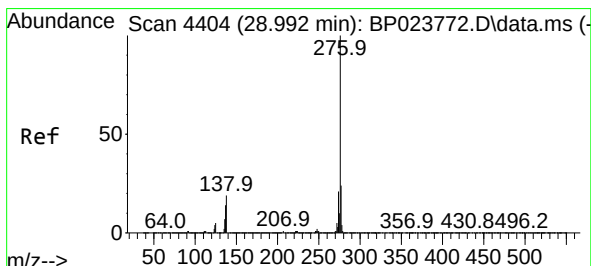
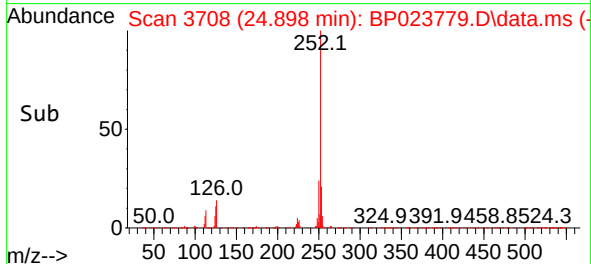
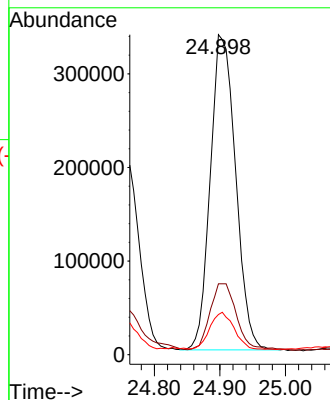
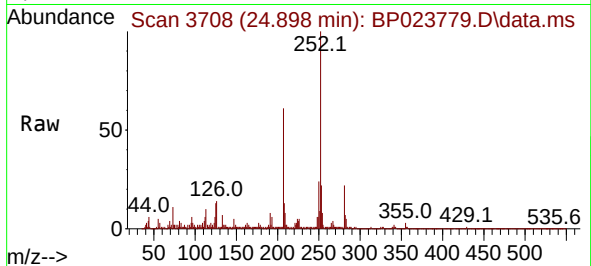




#93
Benzo(a)pyrene
Concen: 5.709 ng/ul
RT: 24.898 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

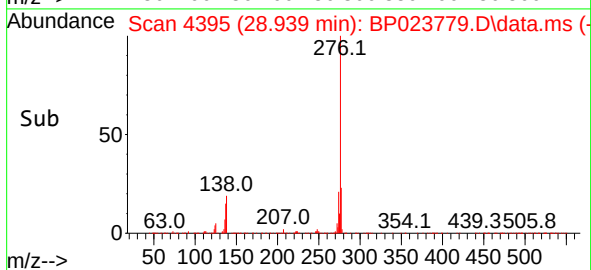
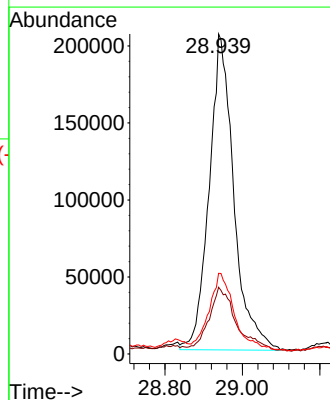
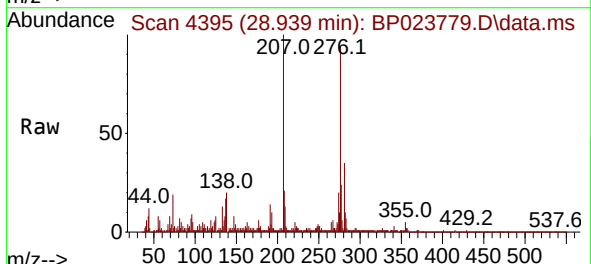
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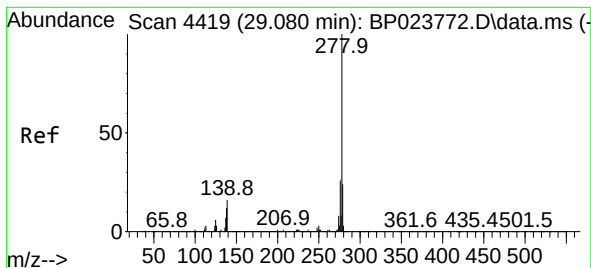
Tgt Ion:252 Resp: 901966
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.6 9.1 13.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.617 ng/ul
RT: 28.939 min Scan# 4395
Delta R.T. 0.012 min
Lab File: BP023779.D
Acq: 28 Jan 2025 19:04

Tgt Ion:276 Resp: 906576
Ion Ratio Lower Upper
276 100
138 20.9 16.6 25.0
277 25.2 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 2.012 ng/ul

RT: 29.033 min Scan# 4411

Delta R.T. 0.024 min

Lab File: BP023779.D

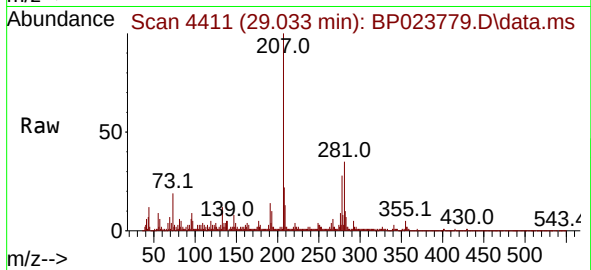
Acq: 28 Jan 2025 19:04

Instrument :

BNA_P

ClientSampleId :

A44Q6



Tgt Ion:278 Resp: 321020

Ion Ratio Lower Upper

278 100

139 19.7 13.4 20.2

279 27.5 19.4 29.2

