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 Data File : BP015675.D
 Acq On : 23 Jun 2023 17:12
 Operator : MA/JU
 Sample : 03084-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

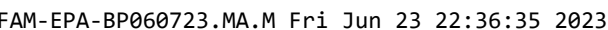
Instrument :
 BNA_P
 ClientSampleId :
 DCFM9

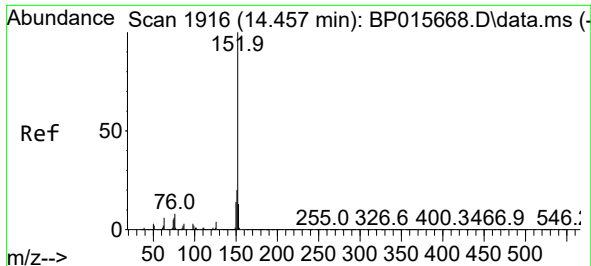
Quant Time: Jun 23 22:36:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	144062	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	529139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	274447	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	534025	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	547625	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	686809	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10455	2.687	ng/uL	0.00
4) Pyridine-d5	3.846	84	84520	8.364	ng/ul	0.00
7) Phenol-d5	7.246	99	176175	13.274	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	123007	15.519	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	152715	15.871	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	99038	9.092	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	73042	17.582	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	81591	17.198	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	118925	13.742	ng/ul	0.01
31) 4-Chloroaniline-d4	11.069	131	83612	6.731	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	384366	17.760	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	429605	18.154	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	28352	7.316	ng/ul	0.04
60) Fluorene-d10	15.728	176	305020	16.714	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	35278	10.428	ng/ul	0.01
73) Anthracene-d10	17.592	188	436929	17.983	ng/ul	0.00
81) Pyrene-d10	19.822	212	582971	19.890	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	672878	19.526	ng/ul	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	183398	6.998	ng/ul	98
61) Fluorene	15.781	166	32521	1.554	ng/ul	92
72) Phenanthrene	17.533	178	685020	23.903	ng/ul	99
74) Anthracene	17.628	178	154191	5.303	ng/ul	98
77) Carbazole	17.904	167	75616	2.888	ng/ul	99
80) Fluoranthene	19.498	202	1859156	52.074	ng/ul	97
82) Pyrene	19.851	202	1422208	38.504	ng/ul	97
85) Benzo(a)anthracene	21.568	228	921576	24.073	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	39799	1.649	ng/ul	99
87) Chrysene	21.621	228	885646	24.475	ng/ul	97
90) Benzo(b)fluoranthene	23.362	252	1379660	31.120	ng/ul	97
91) Benzo(k)fluoranthene	23.362	252	1379660	32.193	ng/ul	97
93) Benzo(a)pyrene	24.033	252	884702	22.889	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.862	276	731396	14.621	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.862	278	201874	4.954	ng/ul#	78
96) Benzo(g,h,i)perylene	27.703	276	643395	15.607	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

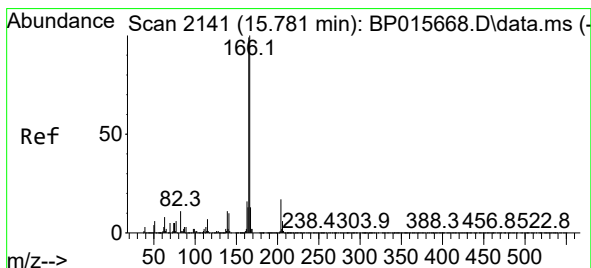
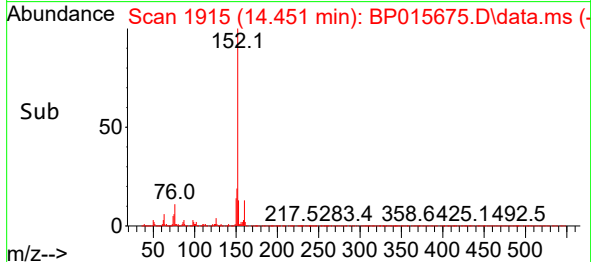
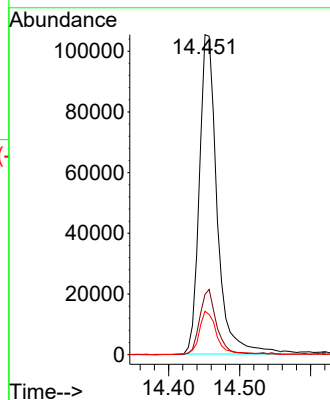
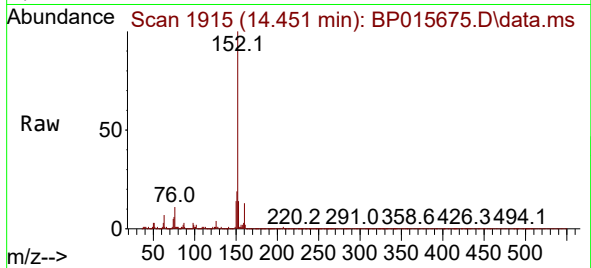




#50
Acenaphthylene
Concen: 6.998 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

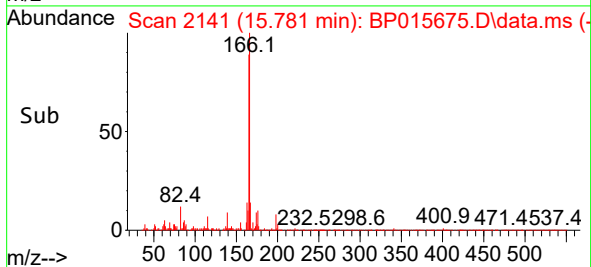
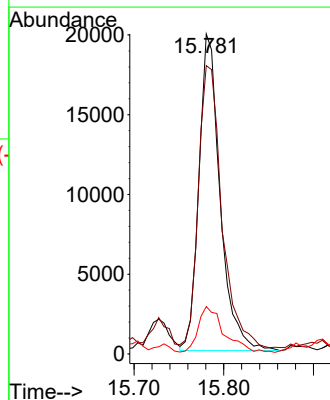
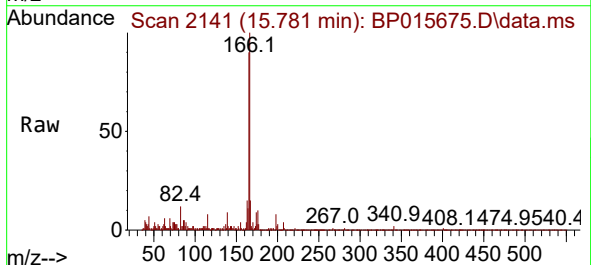
Instrument :
BNA_P
ClientSampleId :
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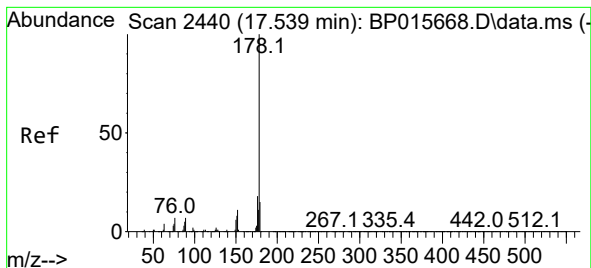
Tgt Ion:152 Resp: 183398
Ion Ratio Lower Upper
152 100
151 18.9 16.0 24.0
153 13.5 10.6 15.8



#61
Fluorene
Concen: 1.554 ng/ul
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

Tgt Ion:166 Resp: 32521
Ion Ratio Lower Upper
166 100
165 90.1 79.1 118.7
167 14.8 10.6 16.0





#72

Phenanthrene

Concen: 23.903 ng/ul

RT: 17.533 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP015675.D

Acq: 23 Jun 2023 17:12

Instrument :

BNA_P

ClientSampleId :

DCFM9

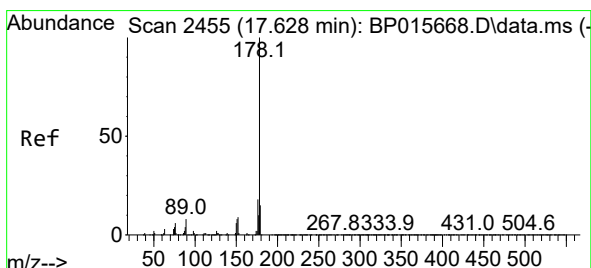
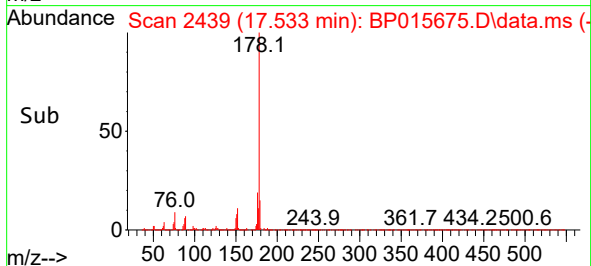
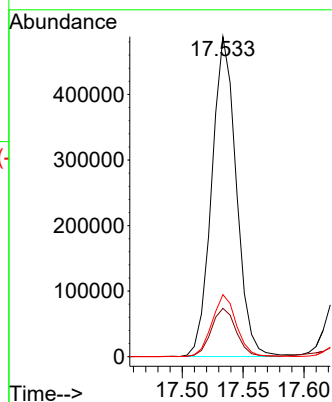
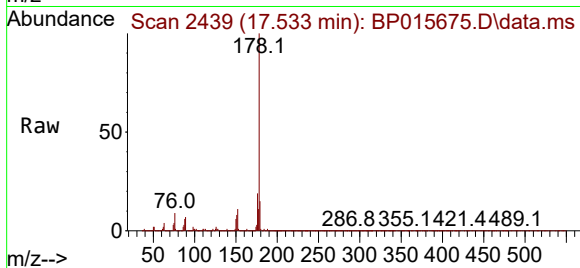
Tgt Ion:178 Resp: 685020

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.4 15.4 23.0



#74

Anthracene

Concen: 5.303 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BP015675.D

Acq: 23 Jun 2023 17:12

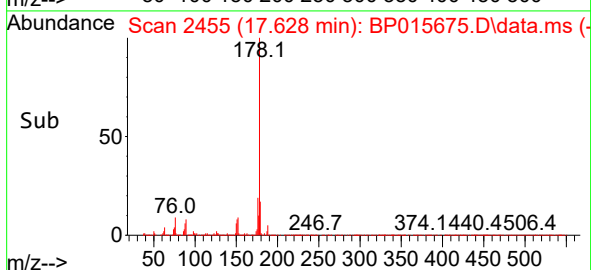
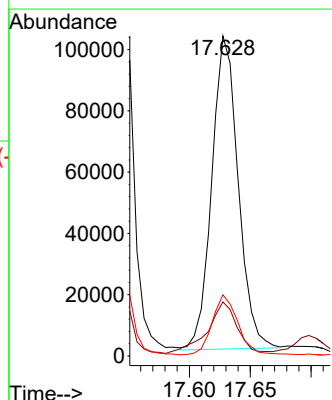
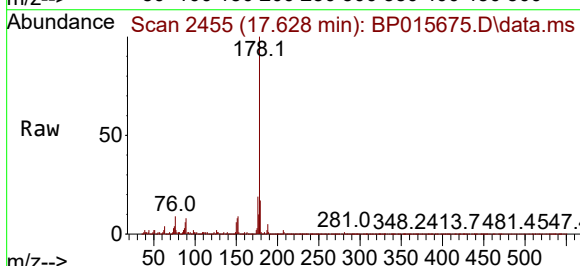
Tgt Ion:178 Resp: 154191

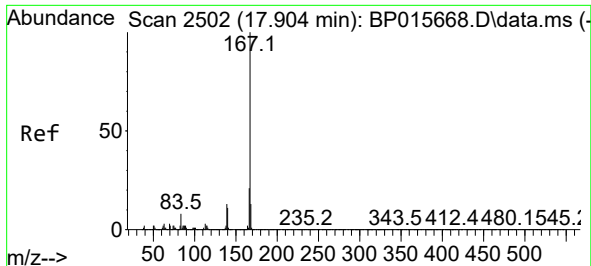
Ion Ratio Lower Upper

178 100

179 16.9 12.4 18.6

176 19.1 15.0 22.4

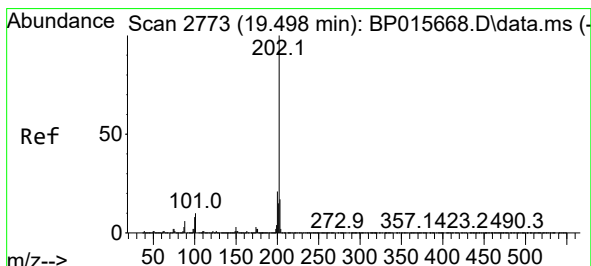
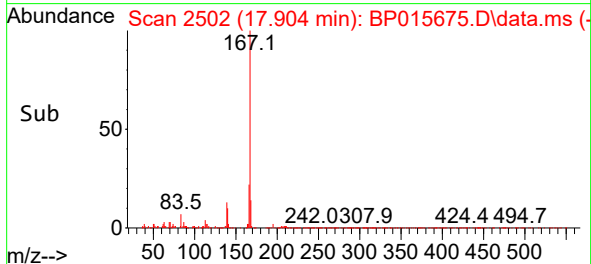
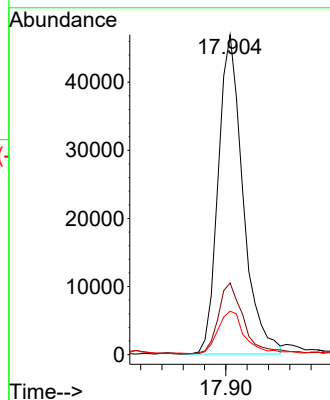
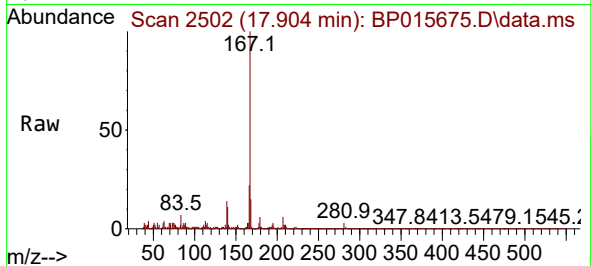




#77
 Carbazole
 Concen: 2.888 ng/ul
 RT: 17.904 min Scan# 2502
 Delta R.T. 0.006 min
 Lab File: BP015675.D
 Acq: 23 Jun 2023 17:12

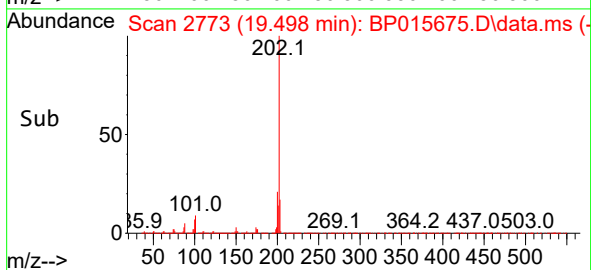
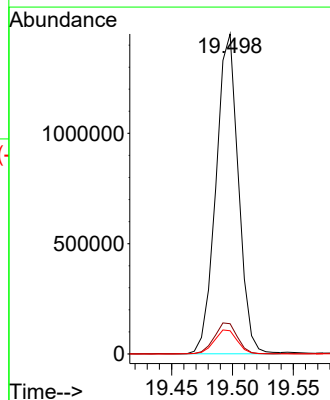
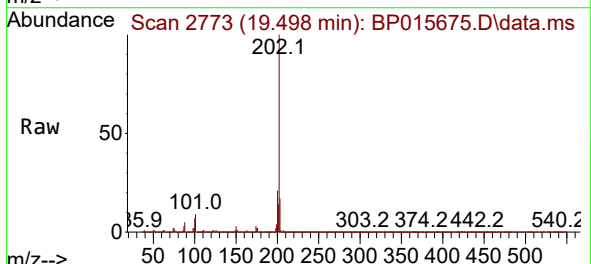
Instrument :
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 ClientSampleId :
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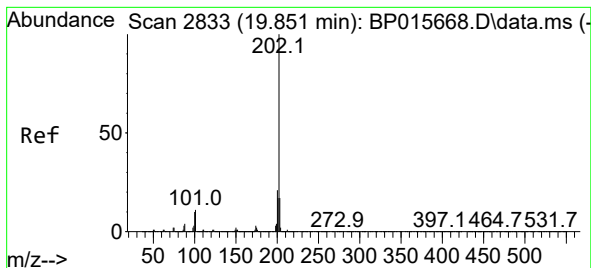
Tgt Ion:167	Resp:	75616
Ion Ratio	Lower	Upper
167	100	
166	22.4	17.2 25.8
139	13.6	10.6 16.0



#80
 Fluoranthene
 Concen: 52.074 ng/ul
 RT: 19.498 min Scan# 2773
 Delta R.T. 0.006 min
 Lab File: BP015675.D
 Acq: 23 Jun 2023 17:12

Tgt Ion:202	Resp:	1859156
Ion Ratio	Lower	Upper
202	100	
101	9.4	8.6 13.0
100	7.3	6.6 9.8





#82

Pyrene

Concen: 38.504 ng/ul

RT: 19.851 min Scan# 2833

Delta R.T. 0.006 min

Lab File: BP015675.D

Acq: 23 Jun 2023 17:12

Instrument :

BNA_P

ClientSampleId :

DCFM9

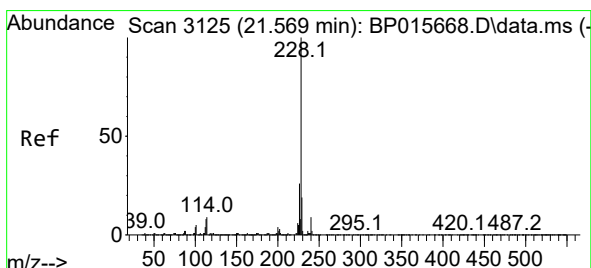
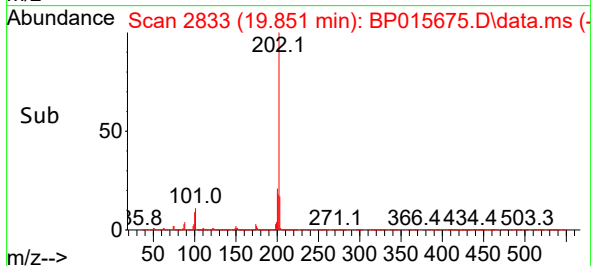
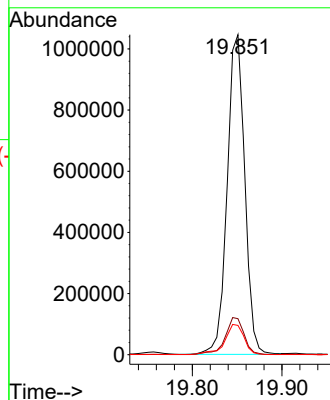
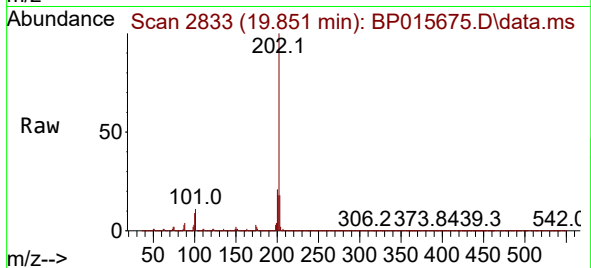
Tgt Ion:202 Resp: 1422208

Ion Ratio Lower Upper

202 100

101 11.3 9.9 14.9

100 9.2 8.4 12.6



#85

Benzo(a)anthracene

Concen: 24.073 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP015675.D

Acq: 23 Jun 2023 17:12

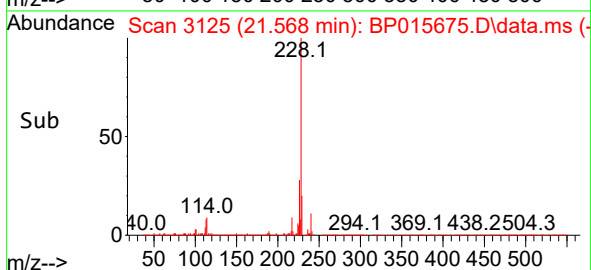
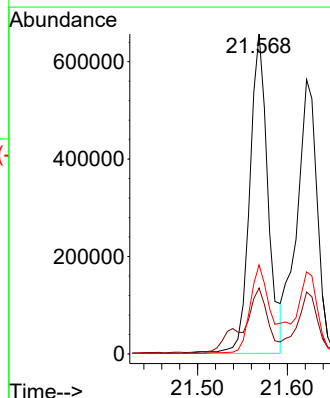
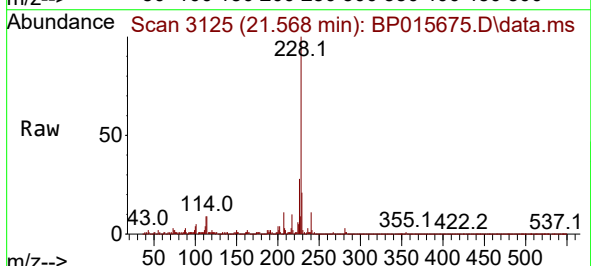
Tgt Ion:228 Resp: 921576

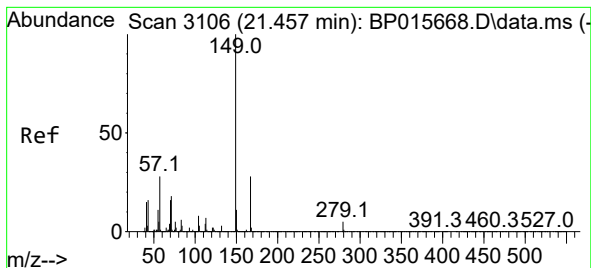
Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.6

226 27.8 21.8 32.6

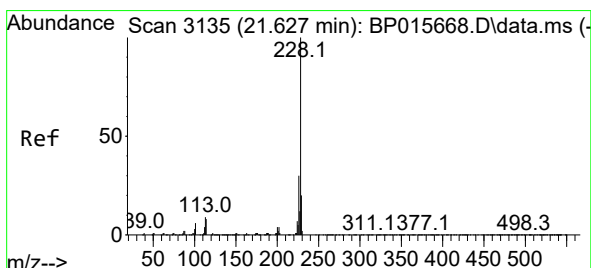
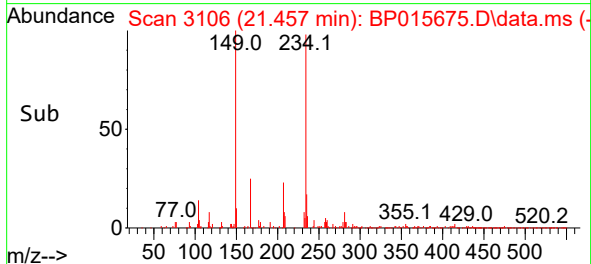
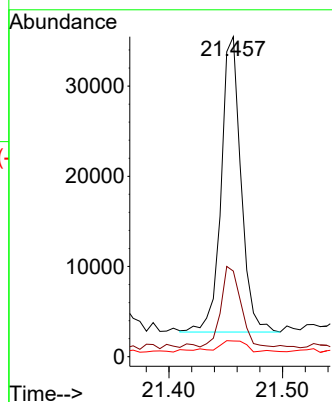
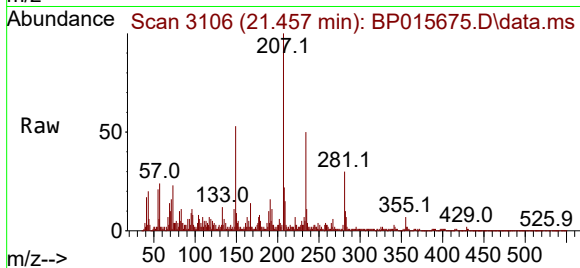




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.649 ng/ul
RT: 21.457 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

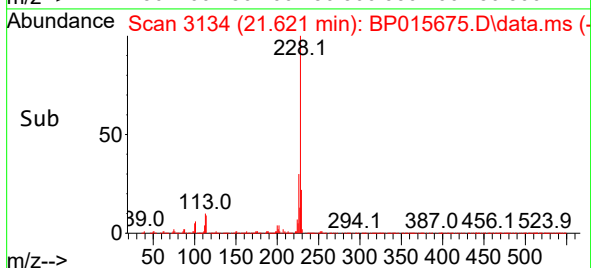
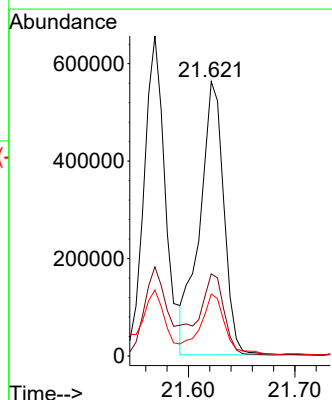
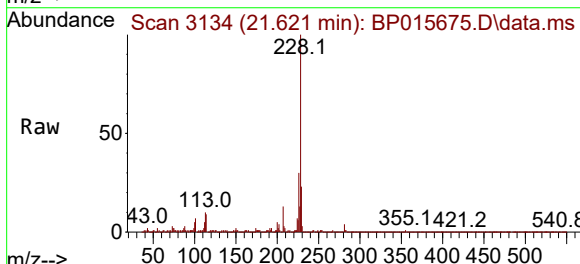
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ClientSampleId :
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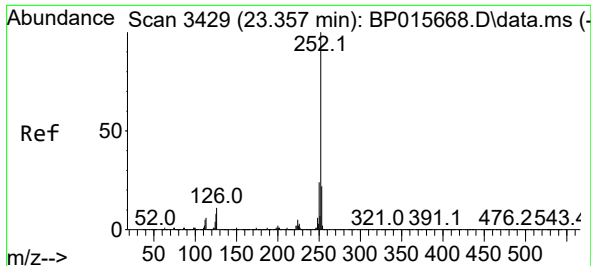
Tgt Ion:149 Resp: 39799
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 4.9 3.7 5.5



#87
Chrysene
Concen: 24.475 ng/ul
RT: 21.621 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

Tgt Ion:228 Resp: 885646
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 22.6 15.1 22.7

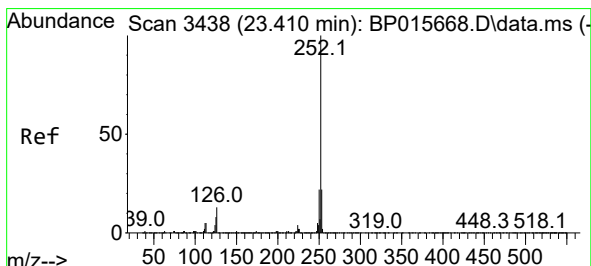
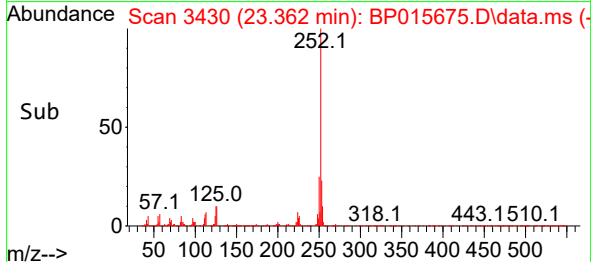
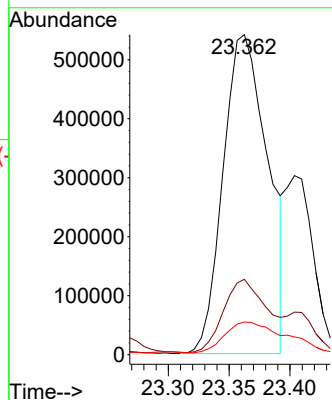
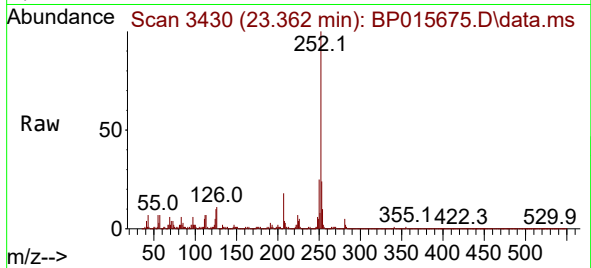




#90
Benzo(b)fluoranthene
Concen: 31.120 ng/ul
RT: 23.362 min Scan# 3429
Delta R.T. 0.018 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

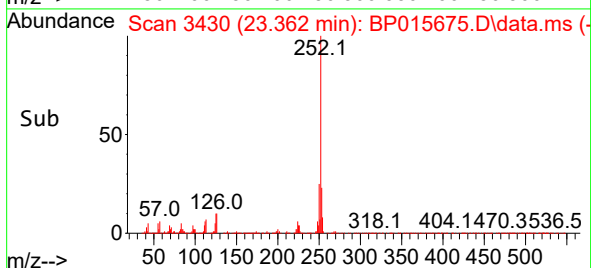
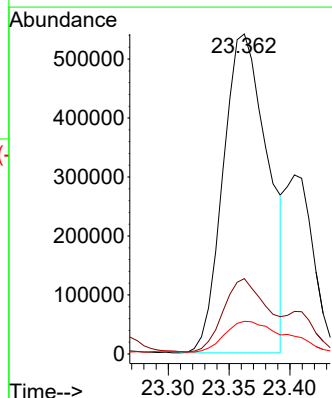
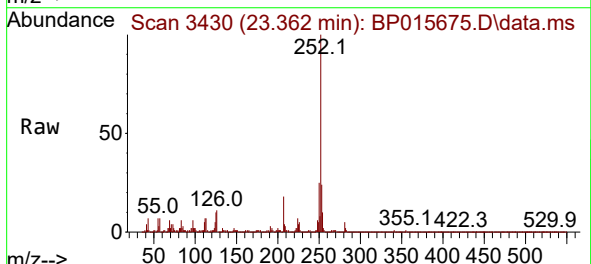
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ClientSampleId :
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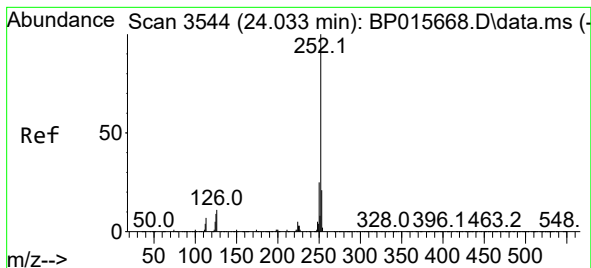
Tgt Ion:252 Resp: 1379660
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.2 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 32.193 ng/ul
RT: 23.362 min Scan# 3430
Delta R.T. -0.035 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

Tgt Ion:252 Resp: 1379660
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 10.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 22.889 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP015675.D

Acq: 23 Jun 2023 17:12

Instrument :

BNA_P

ClientSampleId :

DCFM9

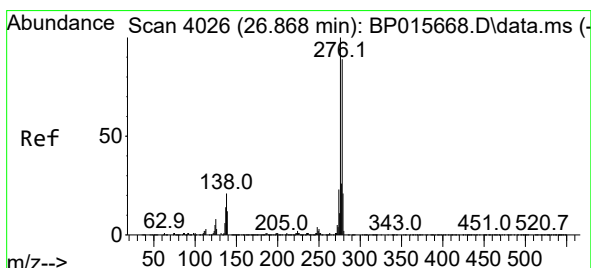
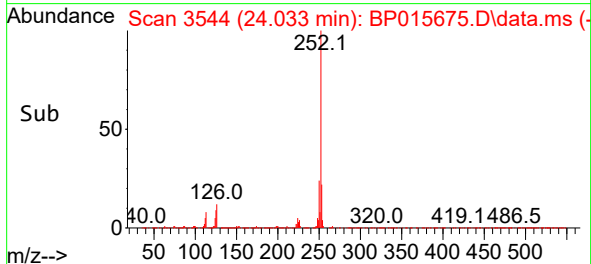
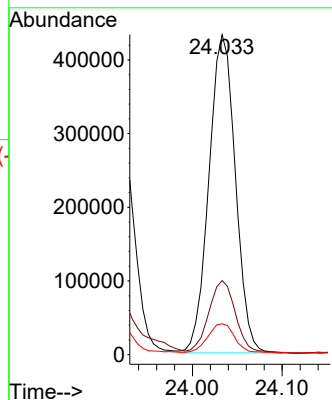
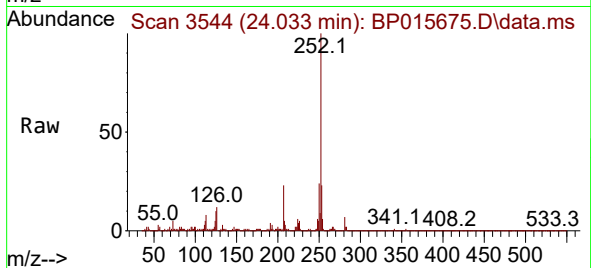
Tgt Ion:252 Resp: 884702

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 9.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.621 ng/ul

RT: 26.862 min Scan# 4025

Delta R.T. 0.024 min

Lab File: BP015675.D

Acq: 23 Jun 2023 17:12

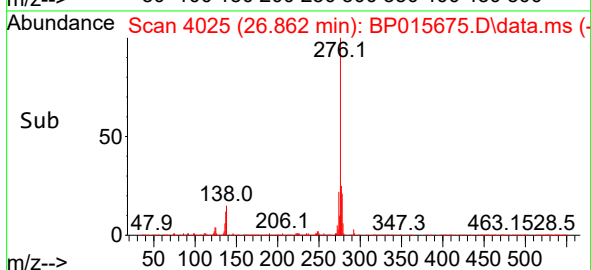
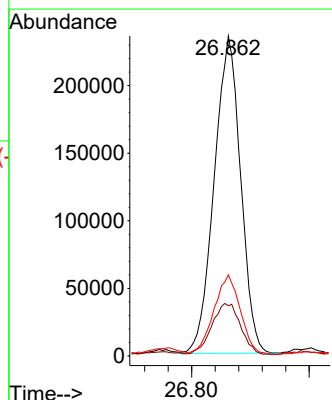
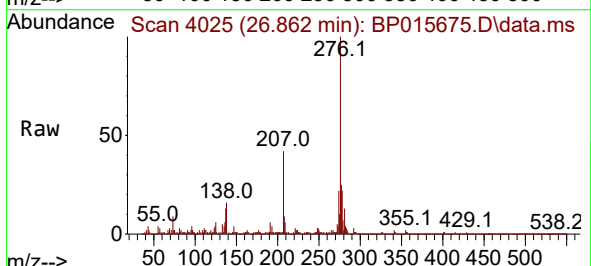
Tgt Ion:276 Resp: 731396

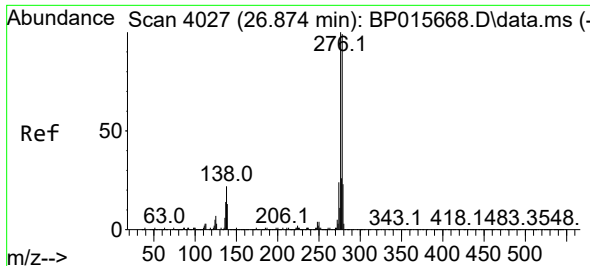
Ion Ratio Lower Upper

276 100

138 15.7 17.3 25.9#

277 25.3 20.2 30.2

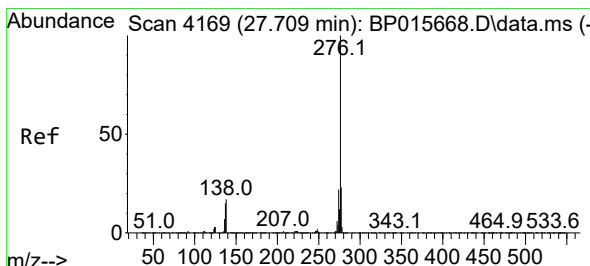
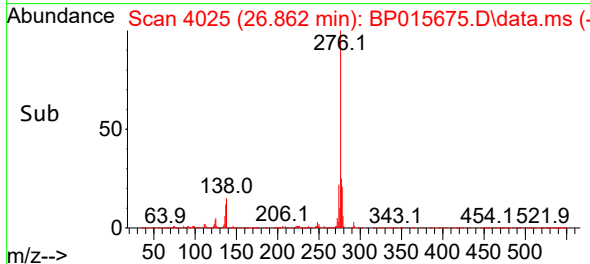
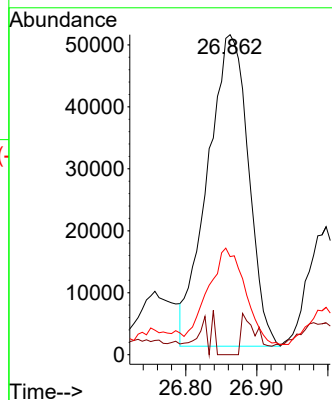
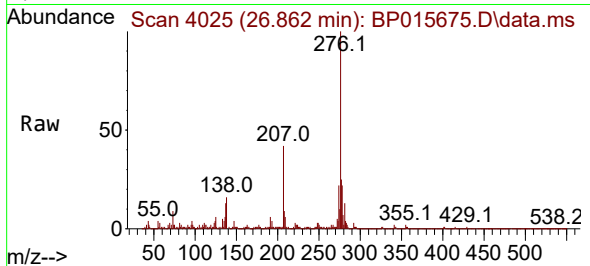




#95
Dibenzo(a,h)anthracene
Concen: 4.954 ng/ul
RT: 26.862 min Scan# 4027
Delta R.T. 0.012 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

Instrument :
BNA_P
ClientSampleId :
DCFM9

Tgt Ion:278 Resp: 201874
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0#
279 30.7 18.7 28.1#



#96
Benzo(g,h,i)perylene
Concen: 15.607 ng/ul
RT: 27.703 min Scan# 4168
Delta R.T. 0.024 min
Lab File: BP015675.D
Acq: 23 Jun 2023 17:12

Tgt Ion:276 Resp: 643395
Ion Ratio Lower Upper
276 100
138 18.8 15.6 23.4
277 23.6 19.0 28.6

