

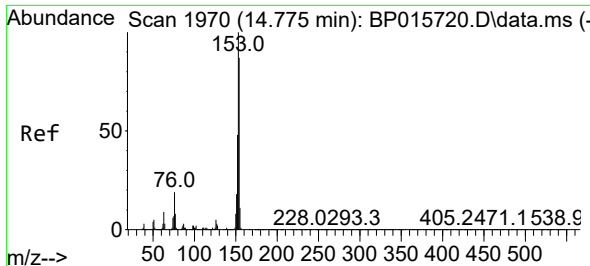
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015724.D
 Acq On : 26 Jun 2023 20:43
 Operator : MA/JU
 Sample : 03083-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK9DL

Quant Time: Jun 27 02:35:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	112207	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	406026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	221772	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	458699	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	484687	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	631501	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2099	0.673	ng/uL	0.00
4) Pyridine-d5	3.828	84	180	0.023	ng/ul	0.00
7) Phenol-d5	7.275	99	26742	2.785	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	7.399	67	16409	2.763	ng/ul	0.01
11) 2-Chlorophenol-d4	7.605	132	21855	3.016	ng/ul	0.01
15) 4-Methylphenol-d8	8.769	113	22	0.003	ng/ul	-0.02
21) Nitrobenzene-d5	9.281	128	7082	2.282	ng/ul	0.04
24) 2-Nitrophenol-d4	9.957	143	8	0.002	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.616	165	6813	1.056	ng/ul	0.09
31) 4-Chloroaniline-d4	11.134	131	5081	0.613	ng/ul	0.09
46) Dimethylphthalate-d6	14.140	166	69982	4.083	ng/ul	0.02
49) Acenaphthylene-d8	14.416	160	76185	3.954	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	71	0.031	ng/ul	0.01
60) Fluorene-d10	15.722	176	56819	4.026	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.898	200	2069	0.733	ng/ul	0.04
73) Anthracene-d10	17.581	188	87709	4.186	ng/ul	0.00
81) Pyrene-d10	19.798	212	122986	3.886	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	143927	4.518	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.781	153	34222	2.324	ng/ul	95
56) Dibenzofuran	15.139	168	20684	1.012	ng/ul	93
61) Fluorene	15.775	166	31123	1.877	ng/ul#	95
72) Phenanthrene	17.516	178	710662	28.519	ng/ul	99
74) Anthracene	17.616	178	139998	5.591	ng/ul	98
77) Carbazole	17.892	167	124146	5.882	ng/ul	100
80) Fluoranthene	19.475	202	1600455	40.689	ng/ul	100
82) Pyrene	19.827	202	1283639	31.993	ng/ul	99
85) Benzo(a)anthracene	21.545	228	855212	25.083	ng/ul	98
87) Chrysene	21.604	228	792689	24.505	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1274682	31.414	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1274682	31.092	ng/ul	99
93) Benzo(a)pyrene	23.998	252	808064	22.791	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	655340	13.616	ng/ul	97
95) Dibenzo(a,h)anthracene	26.815	278	179941	4.552	ng/ul#	80
96) Benzo(g,h,i)perylene	27.645	276	597702	15.095	ng/ul	99

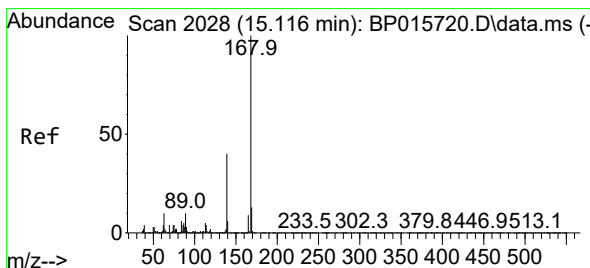
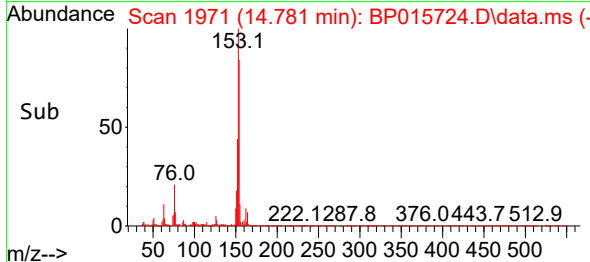
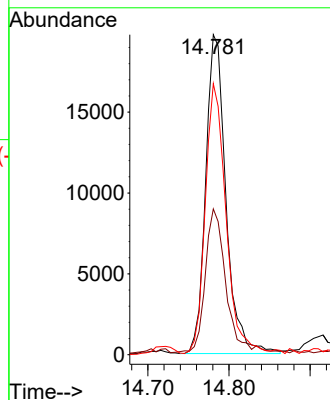
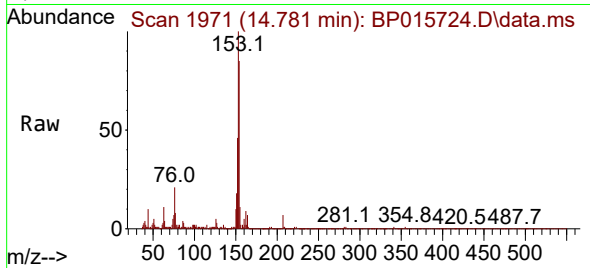
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#52
Acenaphthene
Concen: 2.324 ng/ul
RT: 14.781 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

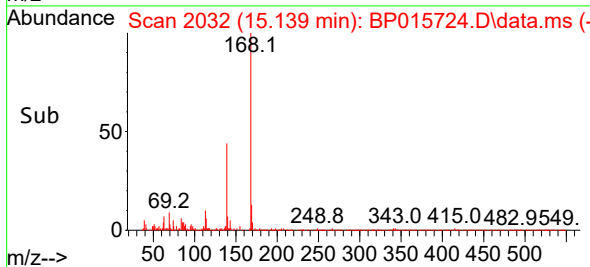
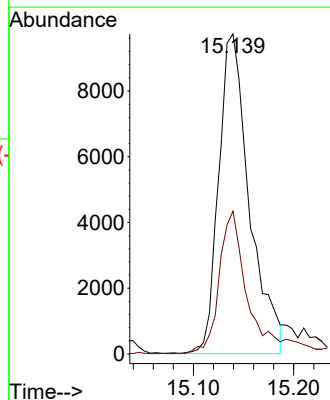
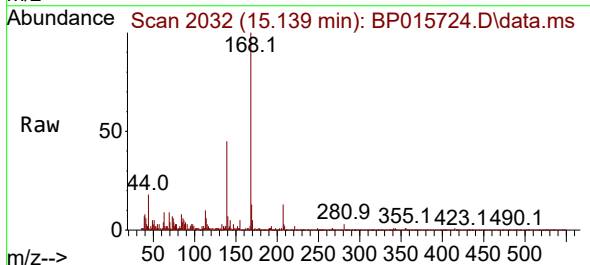
Instrument :
BNA_P
ClientSampleId :
DCFK9DL

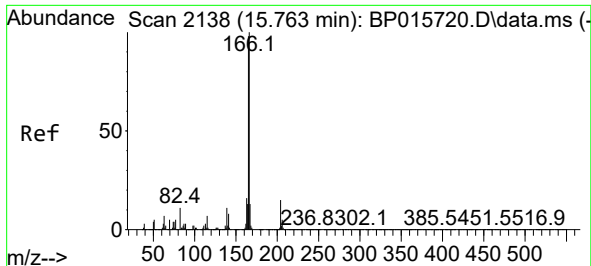
Tgt Ion:153 Resp: 34222
Ion Ratio Lower Upper
153 100
152 45.5 39.4 59.2
154 84.7 71.4 107.2



#56
Dibenzofuran
Concen: 1.012 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. 0.024 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

Tgt Ion:168 Resp: 20684
Ion Ratio Lower Upper
168 100
139 44.6 32.2 48.4

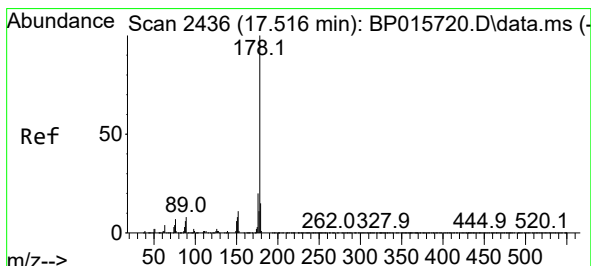
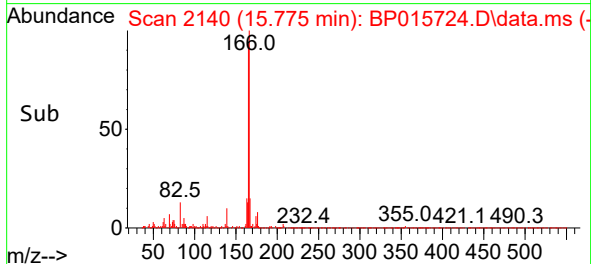
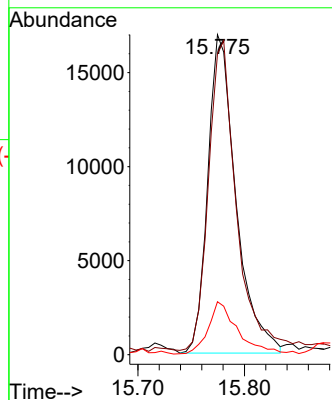
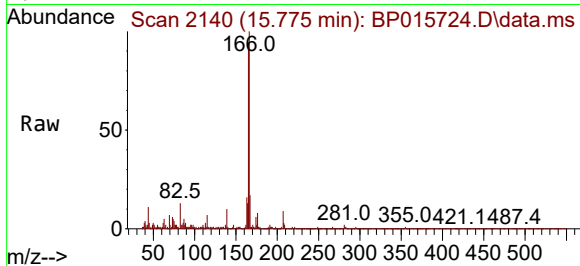




#61
Fluorene
Concen: 1.877 ng/ul
RT: 15.775 min Scan# 2138
Delta R.T. 0.012 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

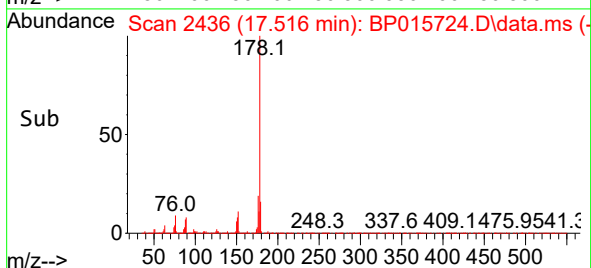
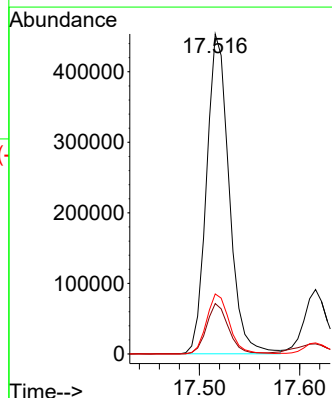
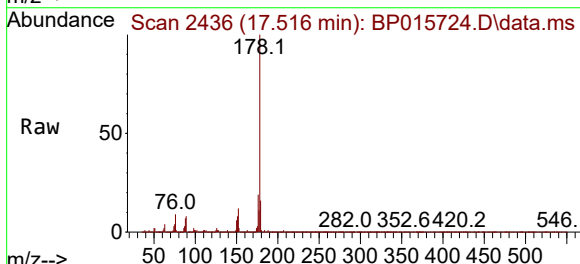
Instrument :
BNA_P
ClientSampleId :
DCFK9DL

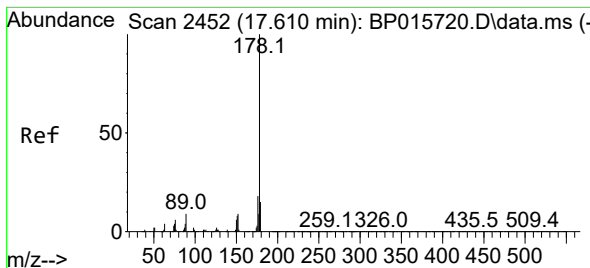
Tgt Ion:166 Resp: 31123
Ion Ratio Lower Upper
166 100
165 94.0 78.7 118.1
167 16.6 10.5 15.7#



#72
Phenanthrene
Concen: 28.519 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

Tgt Ion:178 Resp: 710662
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.8 15.6 23.4





#74

Anthracene

Concen: 5.591 ng/ul

RT: 17.616 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNA_P

ClientSampleId :

DCFK9DL

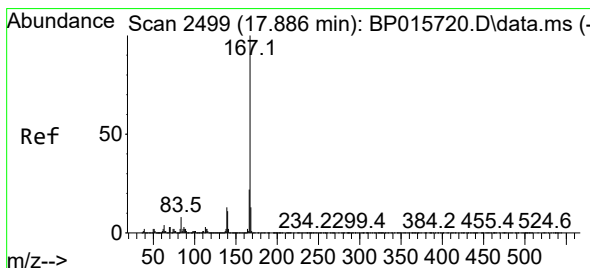
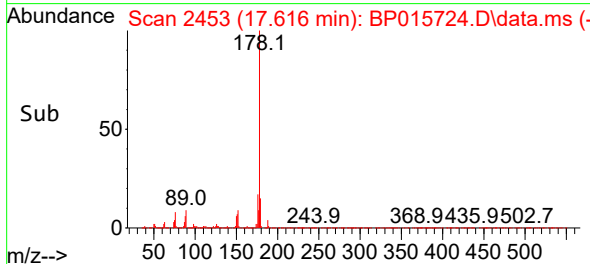
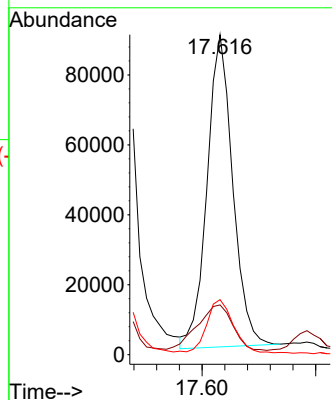
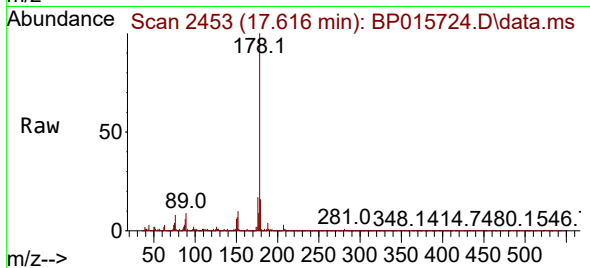
Tgt Ion:178 Resp: 139998

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 17.2 14.6 22.0



#77

Carbazole

Concen: 5.882 ng/ul

RT: 17.892 min Scan# 2500

Delta R.T. 0.006 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

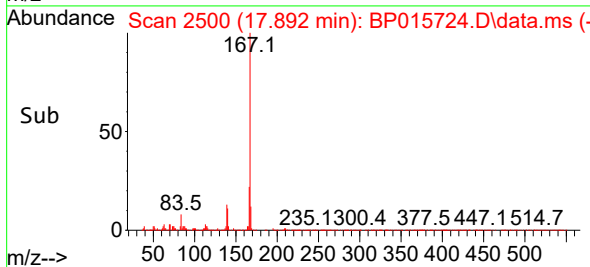
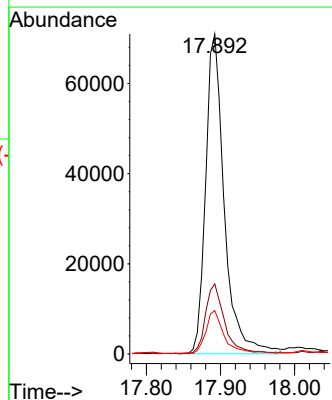
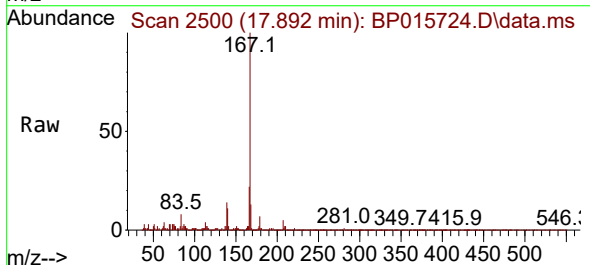
Tgt Ion:167 Resp: 124146

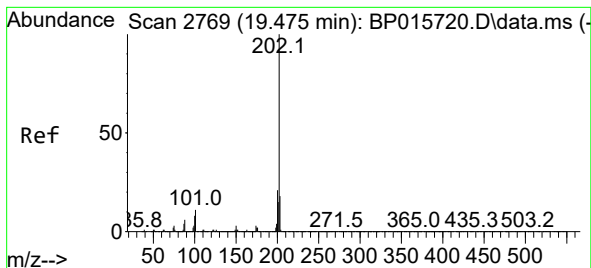
Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.6 11.0 16.4





#80

Fluoranthene

Concen: 40.689 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNA_P

ClientSampleId :

DCFK9DL

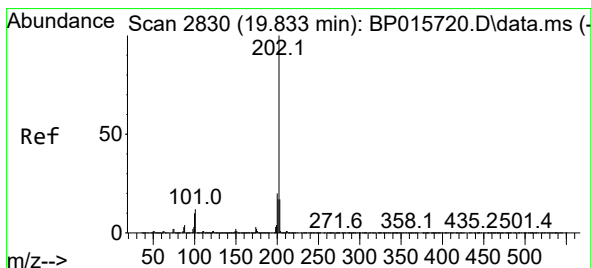
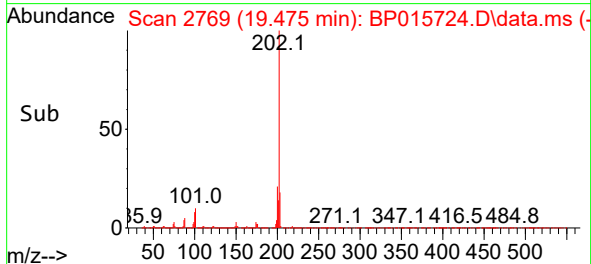
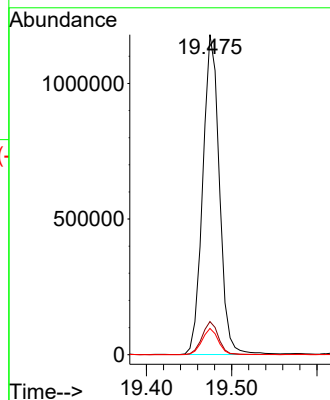
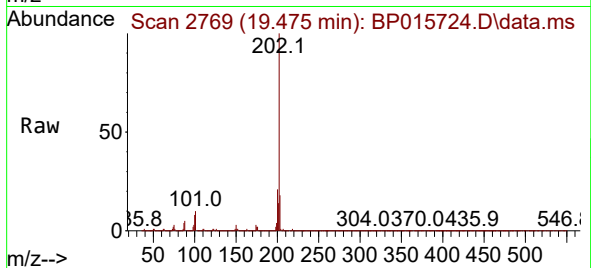
Tgt Ion:202 Resp: 1600455

Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

100 8.2 6.6 9.8



#82

Pyrene

Concen: 31.993 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

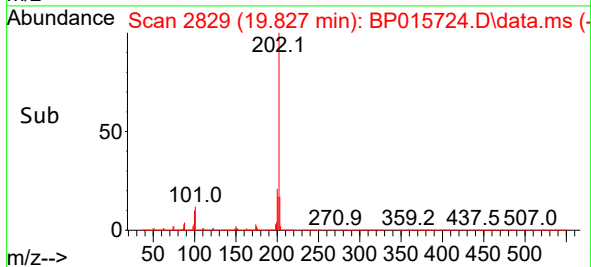
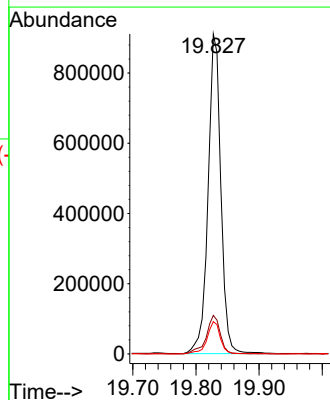
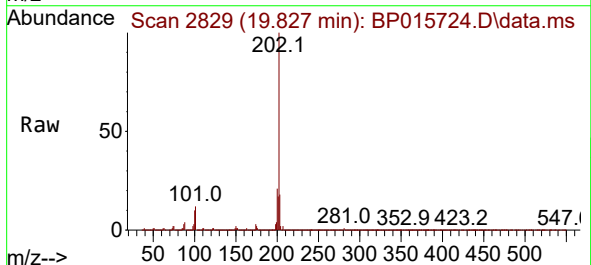
Tgt Ion:202 Resp: 1283639

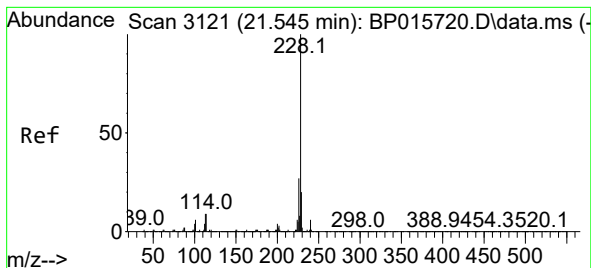
Ion Ratio Lower Upper

202 100

101 12.0 9.3 13.9

100 10.1 7.6 11.4





#85

Benzo(a)anthracene

Concen: 25.083 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNA_P

ClientSampleId :

DCFK9DL

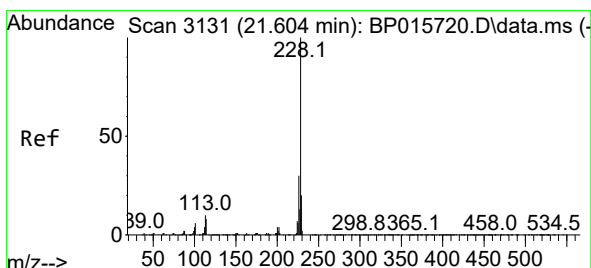
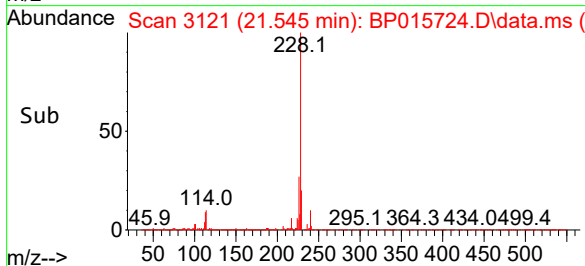
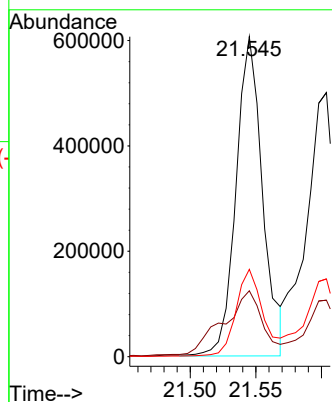
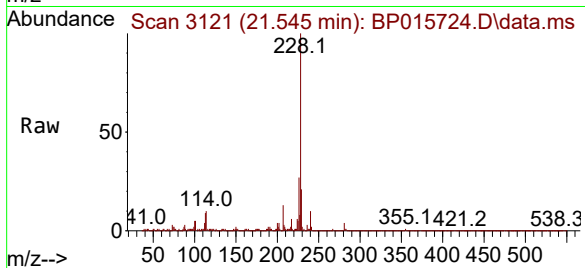
Tgt Ion:228 Resp: 855212

Ion Ratio Lower Upper

228 100

229 20.6 15.3 22.9

226 27.3 21.4 32.0



#87

Chrysene

Concen: 24.505 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

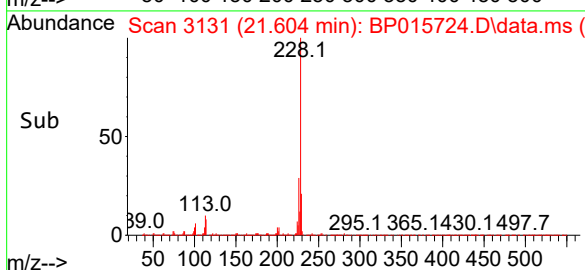
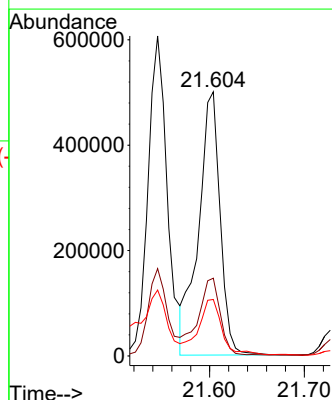
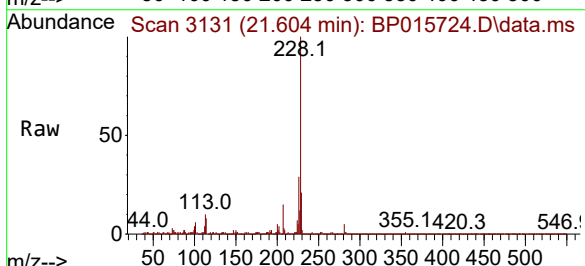
Tgt Ion:228 Resp: 792689

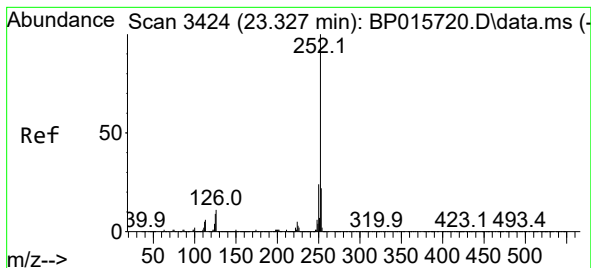
Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

229 21.4 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 31.414 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNA_P

ClientSampleId :

DCFK9DL

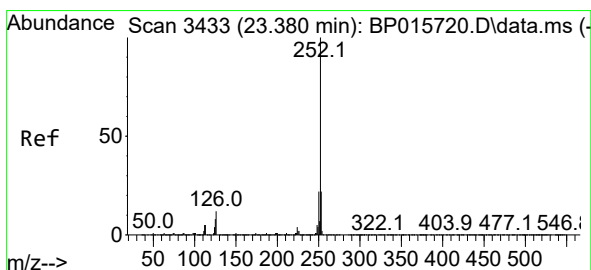
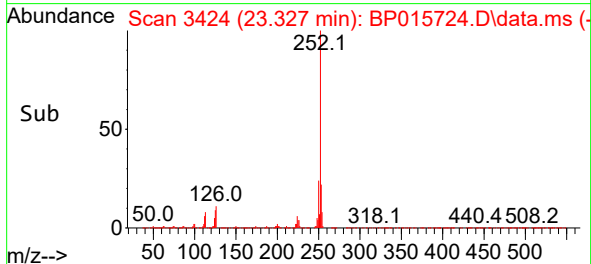
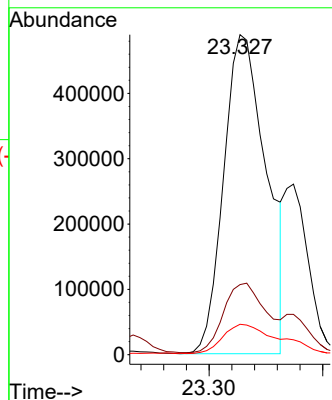
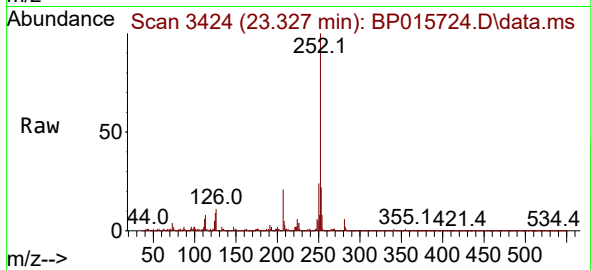
Tgt Ion:252 Resp: 1274682

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.5 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 31.092 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. -0.053 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

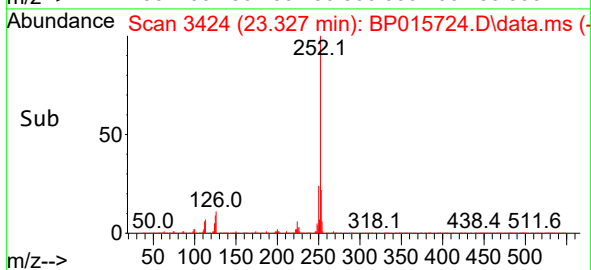
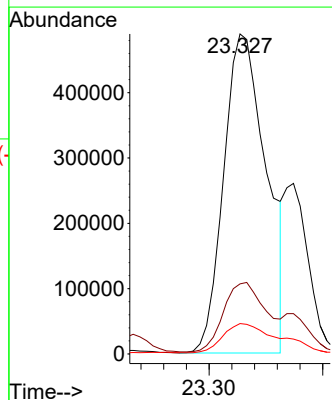
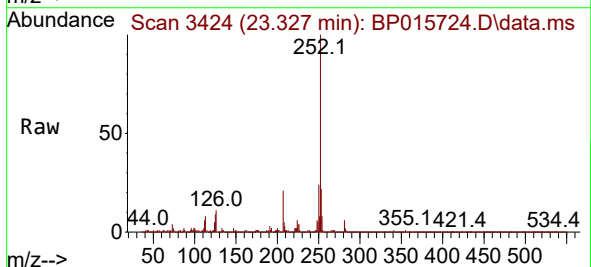
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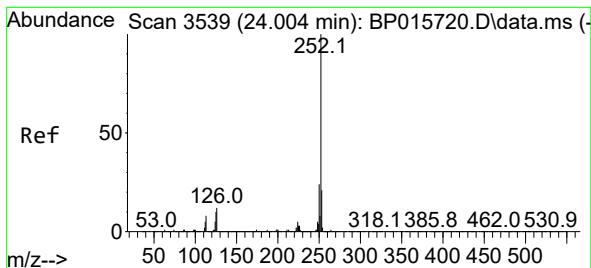
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 22.791 ng/ul

RT: 23.998 min Scan# 3539

Delta R.T. -0.006 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNA_P

ClientSampleId :

DCFK9DL

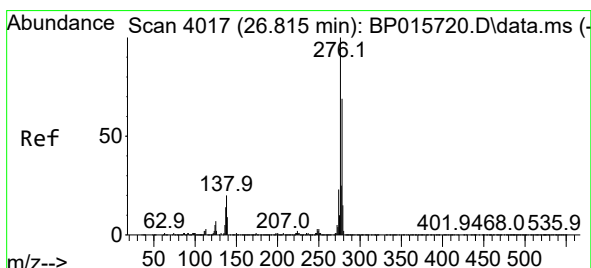
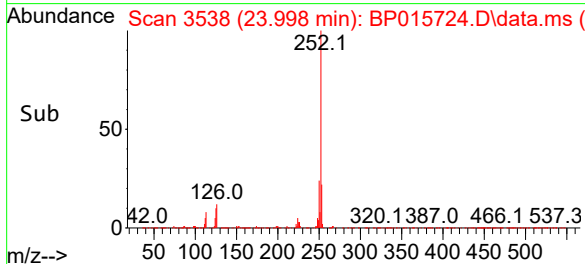
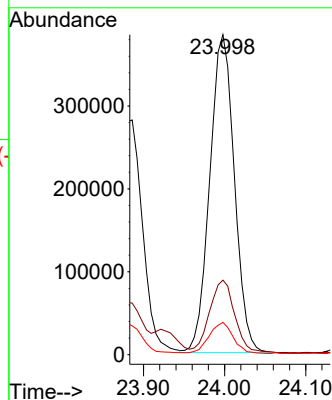
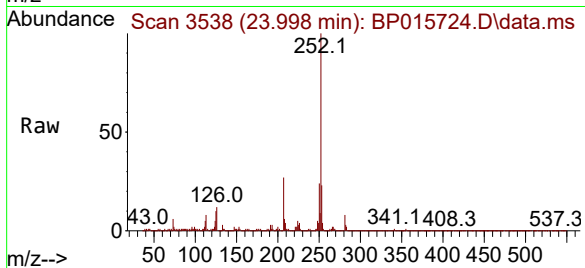
Tgt Ion:252 Resp: 808064

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 10.1 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.616 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

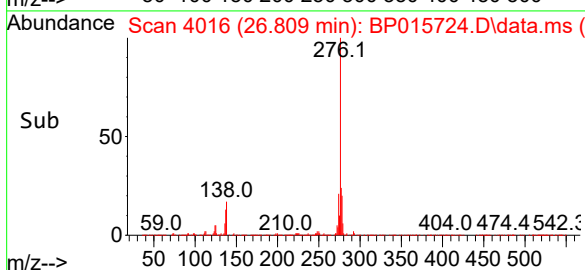
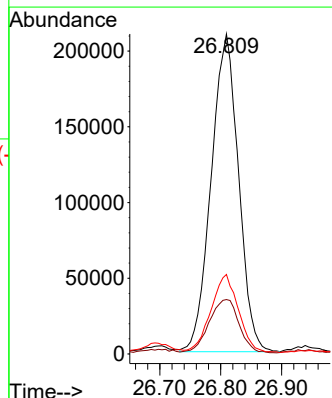
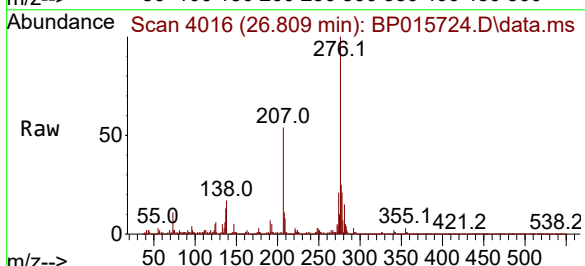
Tgt Ion:276 Resp: 655340

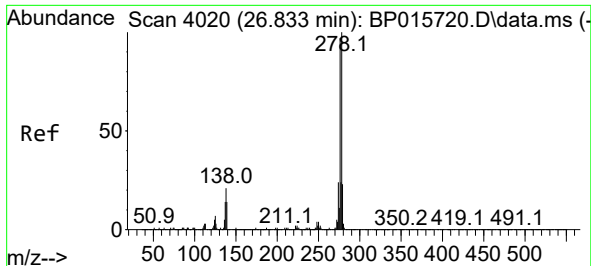
Ion Ratio Lower Upper

276 100

138 17.0 15.7 23.5

277 24.9 19.6 29.4

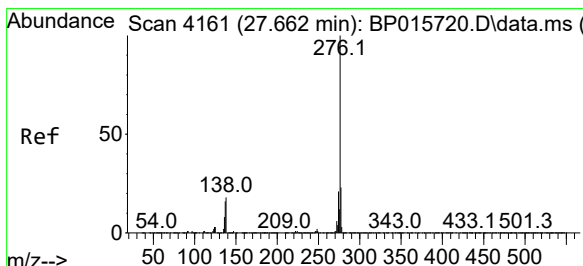
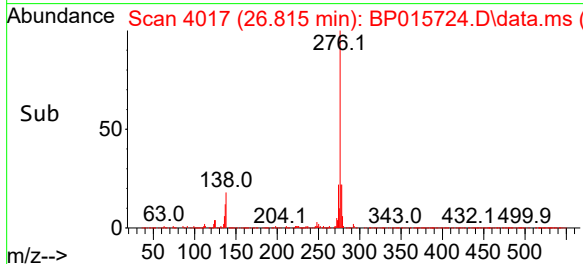
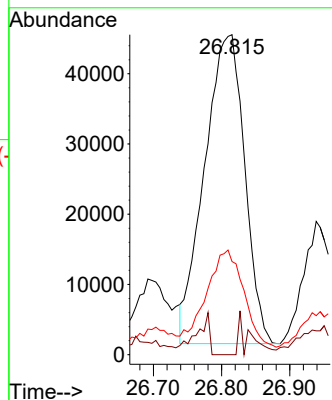
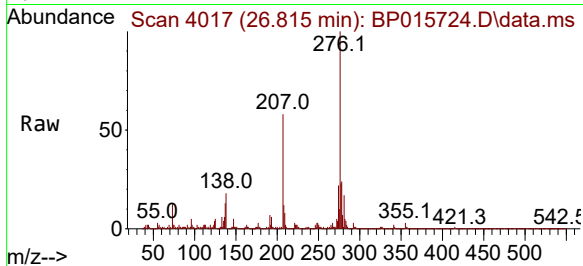




#95
 Dibenzo(a,h)anthracene
 Concen: 4.552 ng/ul
 RT: 26.815 min Scan# 4017
 Delta R.T. -0.012 min
 Lab File: BP015724.D
 Acq: 26 Jun 2023 20:43

Instrument :
 BNA_P
 ClientSampleId :
 DCFK9DL

Tgt Ion:278 Resp: 179941
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7#
 279 29.1 18.4 27.6#



#96
 Benzo(g,h,i)perylene
 Concen: 15.095 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. -0.012 min
 Lab File: BP015724.D
 Acq: 26 Jun 2023 20:43

Tgt Ion:276 Resp: 597702
 Ion Ratio Lower Upper
 276 100
 138 18.3 15.1 22.7
 277 23.5 18.8 28.2

