

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015794.D
 Acq On : 29 Jun 2023 00:02
 Operator : MA/JU
 Sample : 03142-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT9

Quant Time: Jun 29 02:33:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

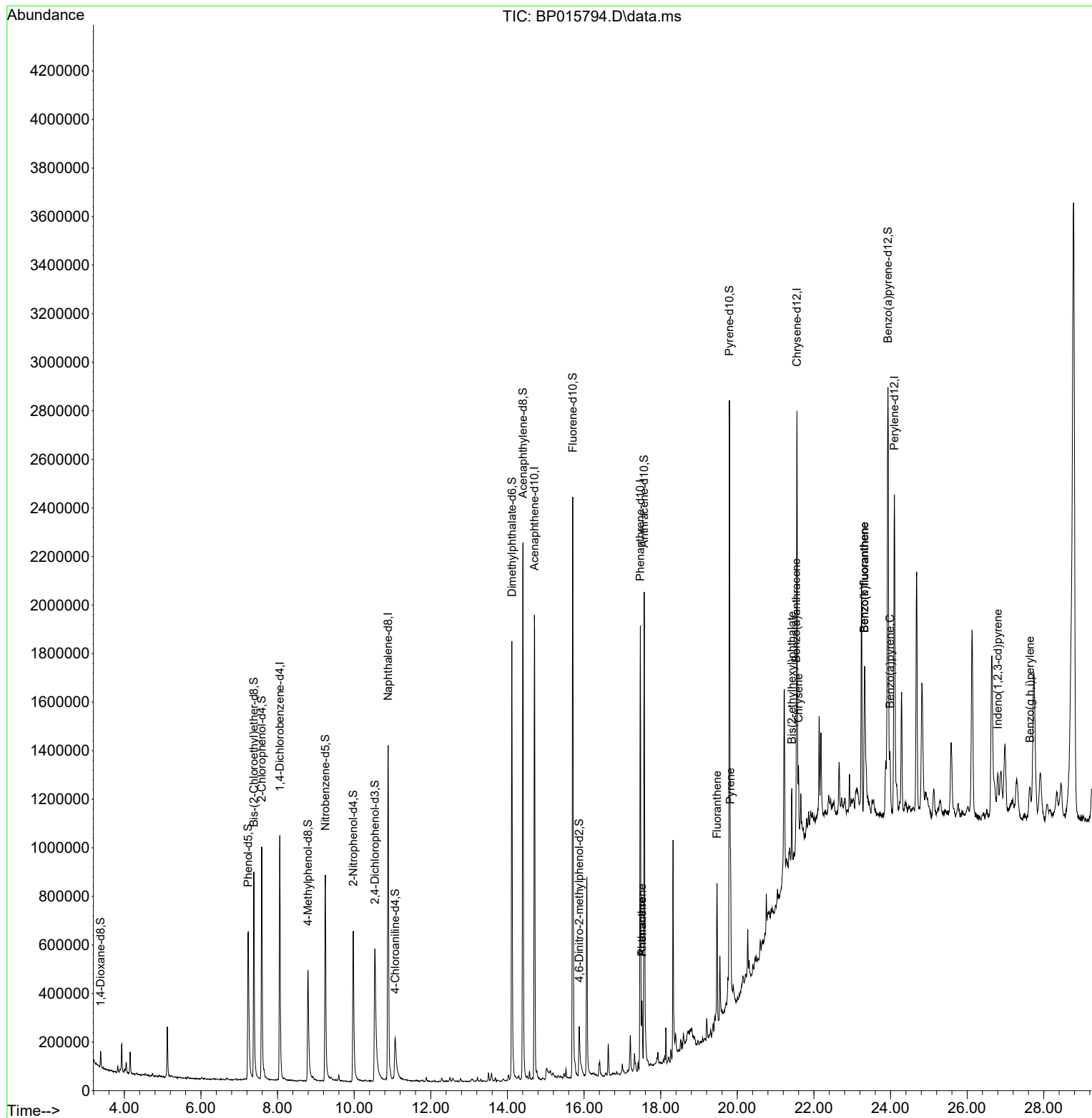
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	296734	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1235941	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	651216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1109961	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	827716	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1063319	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	31063	3.766	ng/uL	0.00
4) Pyridine-d5	3.828	84	622	0.030	ng/ul	0.00
7) Phenol-d5	7.234	99	517092	20.367	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	422229	26.881	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	457389	23.865	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	241262	12.029	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	235674	24.951	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	240184	21.787	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	360025	18.327	ng/ul	0.02
31) 4-Chloroaniline-d4	11.069	131	190700	7.557	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	1282555	25.481	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1482806	26.206	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	123	0.019	ng/ul	0.00
60) Fluorene-d10	15.704	176	1016790	24.534	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	64260	9.414	ng/ul	0.02
73) Anthracene-d10	17.569	188	1234593	24.351	ng/ul	0.00
81) Pyrene-d10	19.792	212	1312850	24.290	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1394232	25.993	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	143177	2.374	ng/ul	98
74) Anthracene	17.510	178	144083	2.378	ng/ul	98
80) Fluoranthene	19.469	202	331710	4.938	ng/ul#	93
82) Pyrene	19.822	202	277620	4.052	ng/ul#	89
85) Benzo(a)anthracene	21.539	228	154823	2.659	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.422	149	98556	2.565	ng/ul	100
87) Chrysene	21.598	228	199763	3.616	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	325445	4.763	ng/ul#	91
91) Benzo(k)fluoranthene	23.316	252	325445	4.714	ng/ul#	90
93) Benzo(a)pyrene	23.986	252	202603	3.394	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	182600	2.253	ng/ul#	96
96) Benzo(g,h,i)perylene	27.639	276	169762	2.546	ng/ul#	91

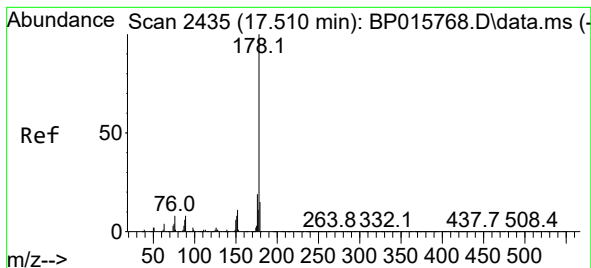
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 2.374 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

Instrument :

BNA_P

ClientSampleId :

DCFT9

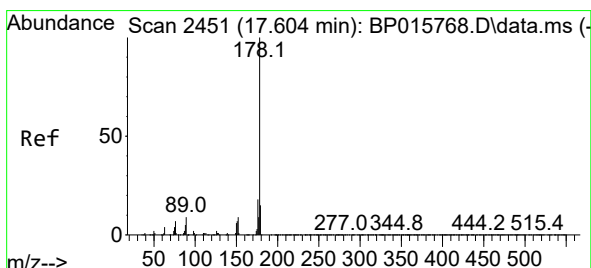
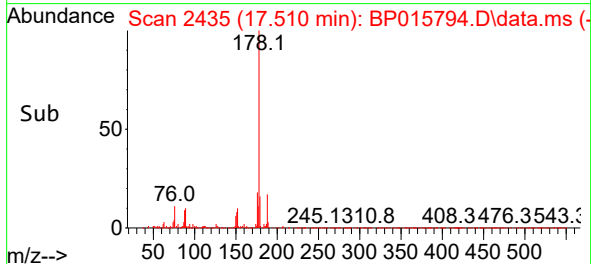
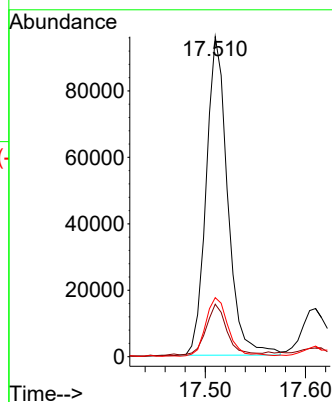
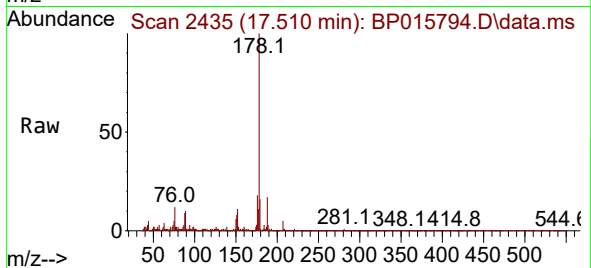
Tgt Ion:178 Resp: 143177

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

176 18.5 15.6 23.4



#74

Anthracene

Concen: 2.378 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

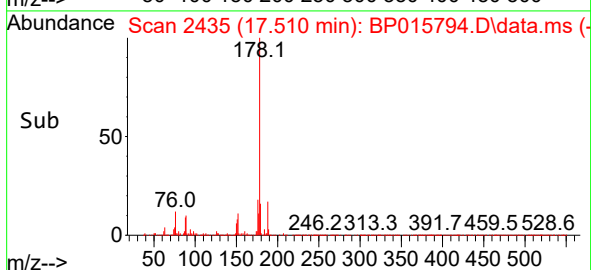
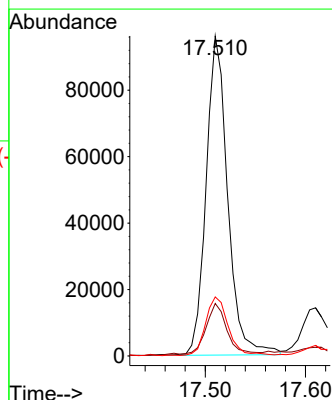
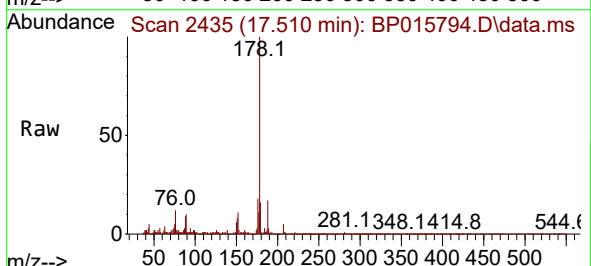
Tgt Ion:178 Resp: 144083

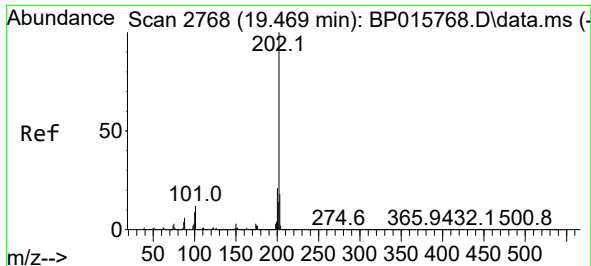
Ion Ratio Lower Upper

178 100

179 16.4 12.1 18.1

176 18.5 14.6 22.0

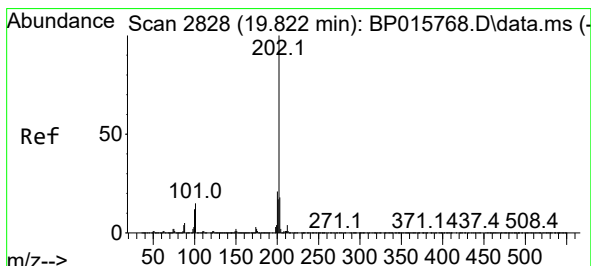
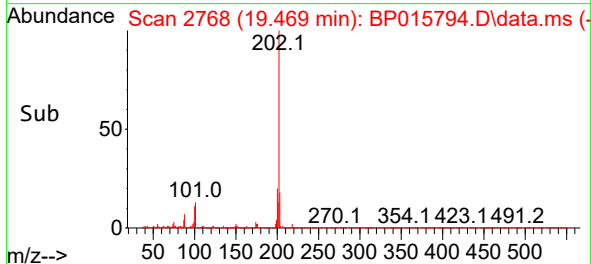
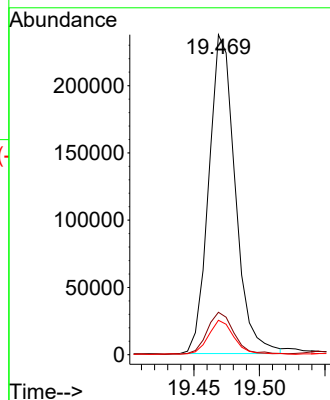
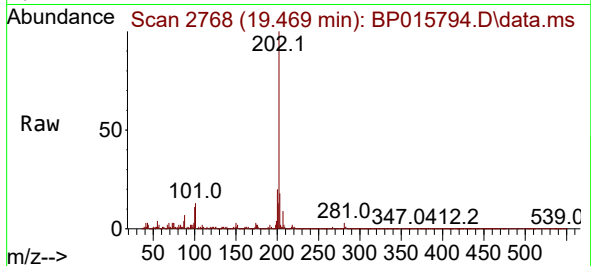




#80
Fluoranthene
Concen: 4.938 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015794.D
Acq: 29 Jun 2023 00:02

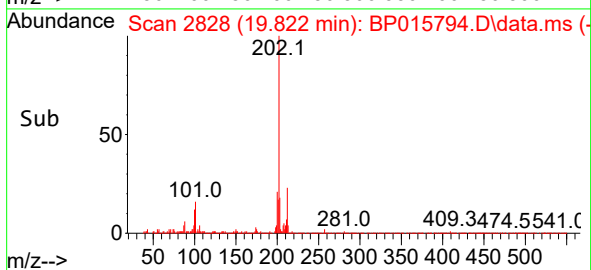
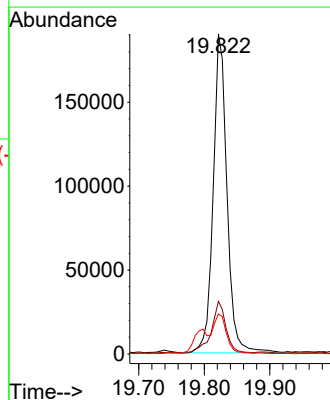
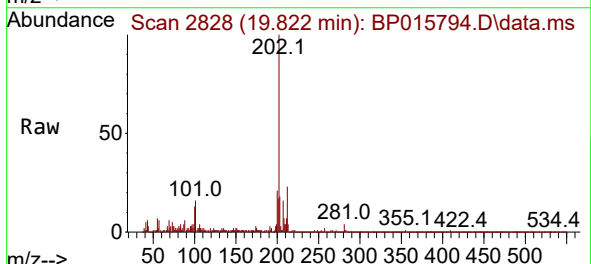
Instrument :
BNA_P
ClientSampleId :
DCFT9

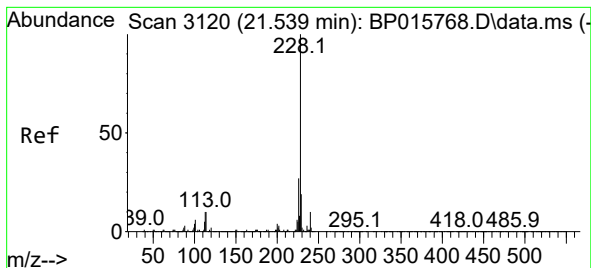
Tgt Ion:202 Resp: 331710
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5#
100 10.8 6.6 9.8#



#82
Pyrene
Concen: 4.052 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP015794.D
Acq: 29 Jun 2023 00:02

Tgt Ion:202 Resp: 277620
Ion Ratio Lower Upper
202 100
101 16.5 9.3 13.9#
100 12.5 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.659 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

Instrument :

BNA_P

ClientSampleId :

DCFT9

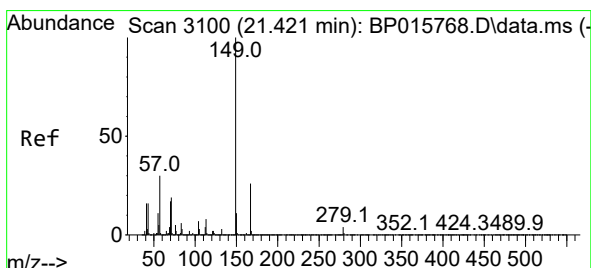
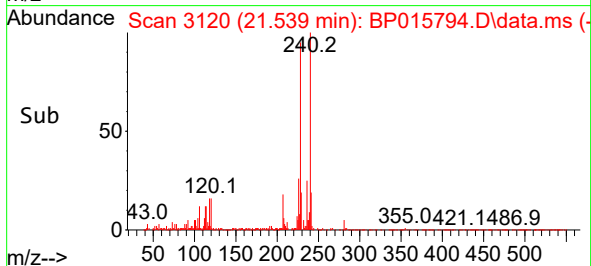
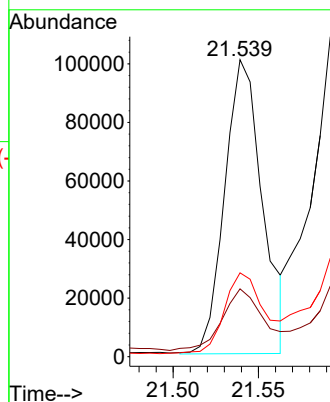
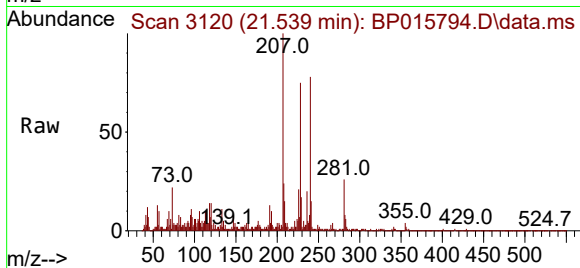
Tgt Ion:228 Resp: 154823

Ion Ratio Lower Upper

228 100

229 22.8 15.3 22.9

226 28.2 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.565 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

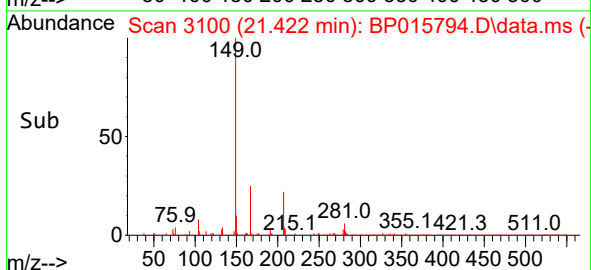
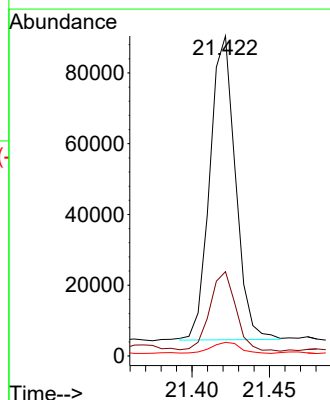
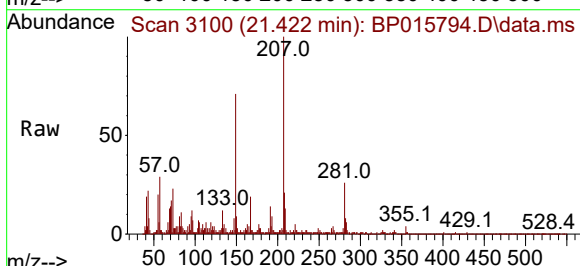
Tgt Ion:149 Resp: 98556

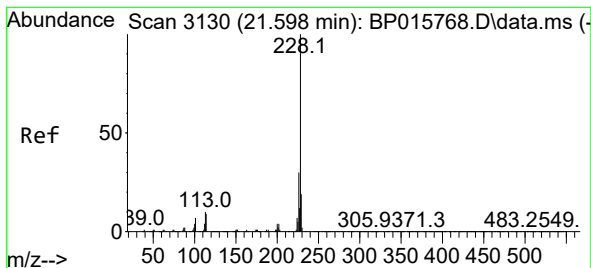
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 4.3 3.8 5.6





#87

Chrysene

Concen: 3.616 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

Instrument :

BNA_P

ClientSampleId :

DCFT9

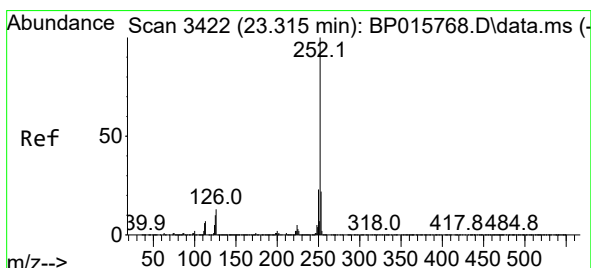
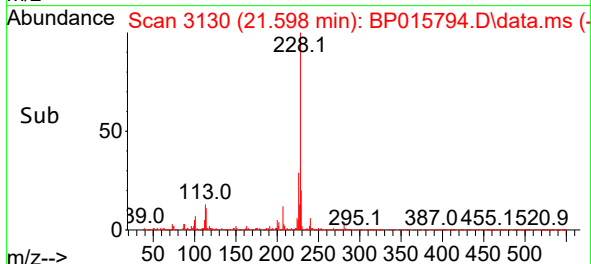
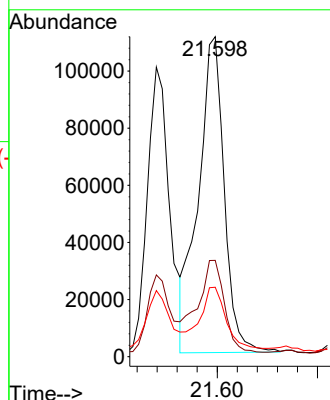
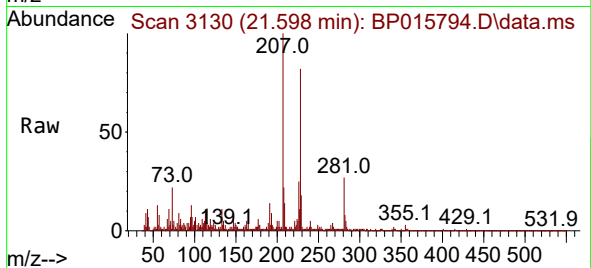
Tgt Ion:228 Resp: 199763

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 21.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 4.763 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

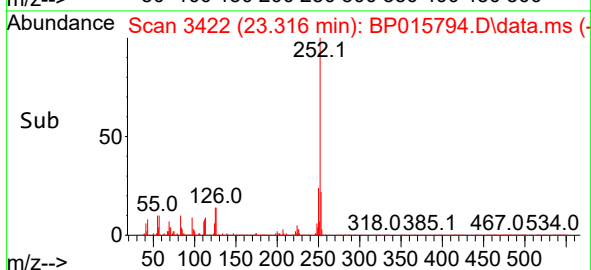
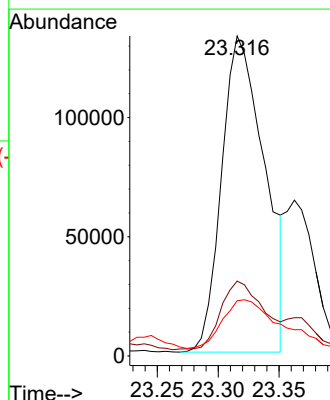
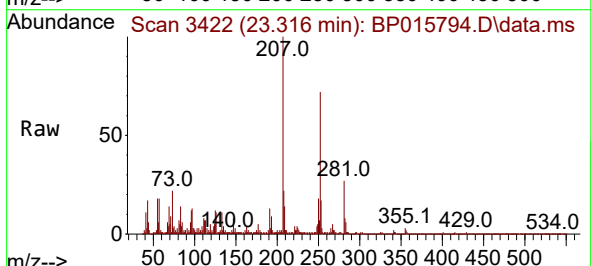
Tgt Ion:252 Resp: 325445

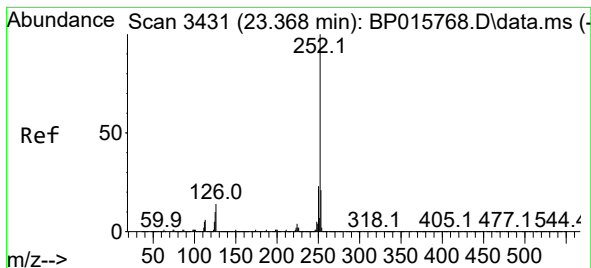
Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 17.3 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 4.714 ng/ul

RT: 23.316 min Scan# 3431

Delta R.T. -0.053 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

Instrument :

BNA_P

ClientSampleId :

DCFT9

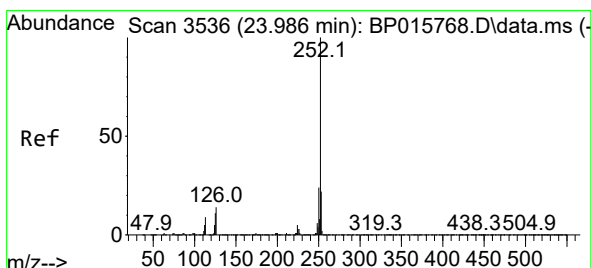
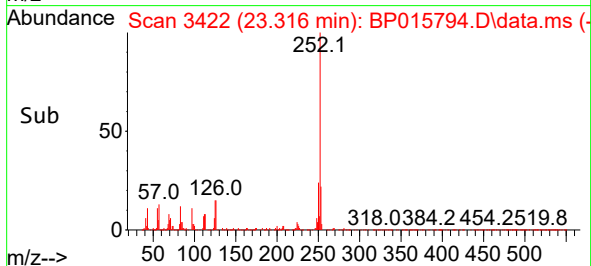
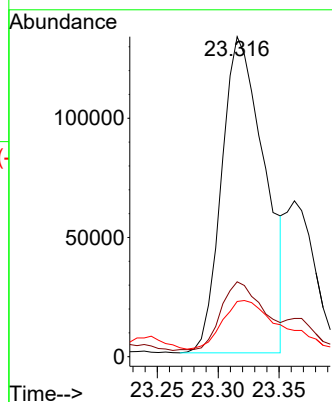
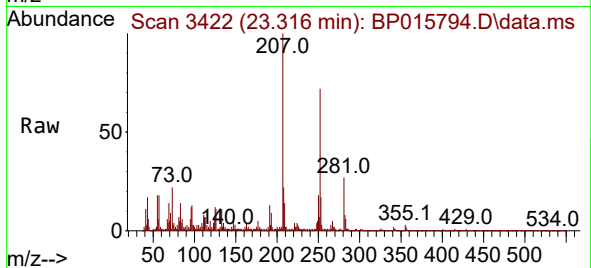
Tgt Ion:252 Resp: 325445

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.4

125 17.3 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 3.394 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

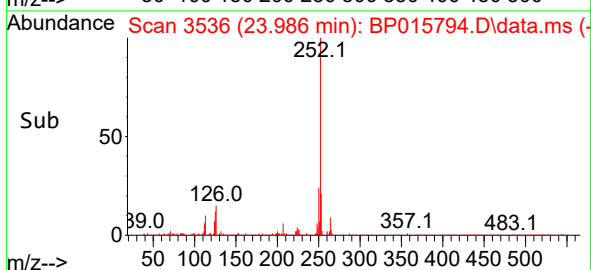
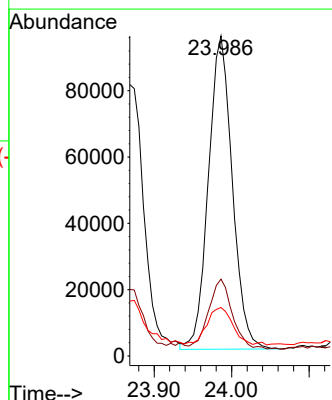
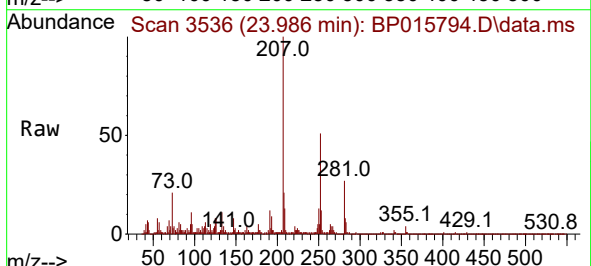
Tgt Ion:252 Resp: 202603

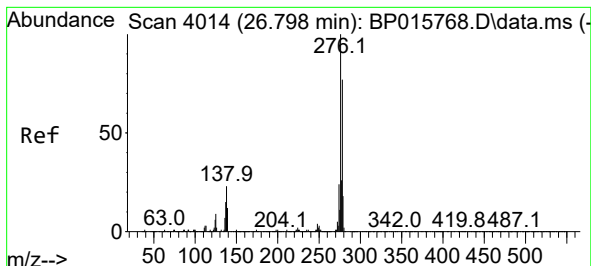
Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 15.2 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.253 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015794.D

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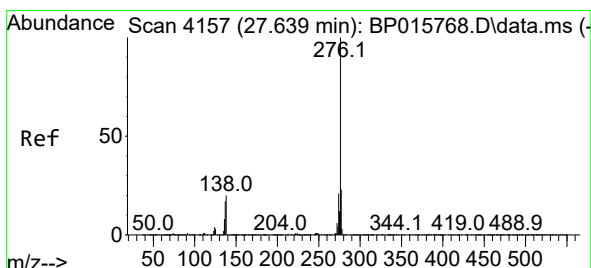
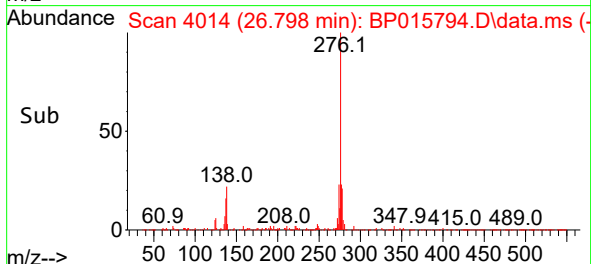
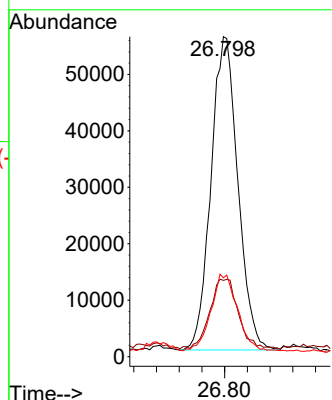
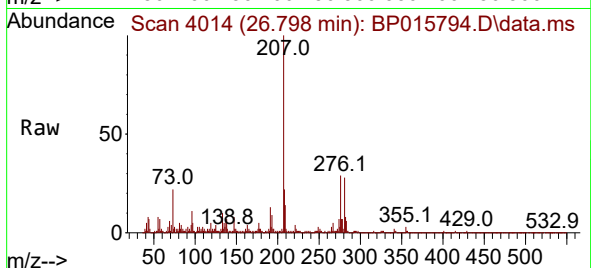
Tgt Ion:276 Resp: 182600

Ion Ratio Lower Upper

276 100

138 23.9 15.7 23.5#

277 24.6 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 2.546 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015794.D

Acq: 29 Jun 2023 00:02

Tgt Ion:276 Resp: 169762

Ion Ratio Lower Upper

276 100

138 25.5 15.1 22.7#

277 25.2 18.8 28.2

