

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015728.D
 Acq On : 26 Jun 2023 22:58
 Operator : MA/JU
 Sample : 03083-05RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK3

Quant Time: Jun 27 02:36:24 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)

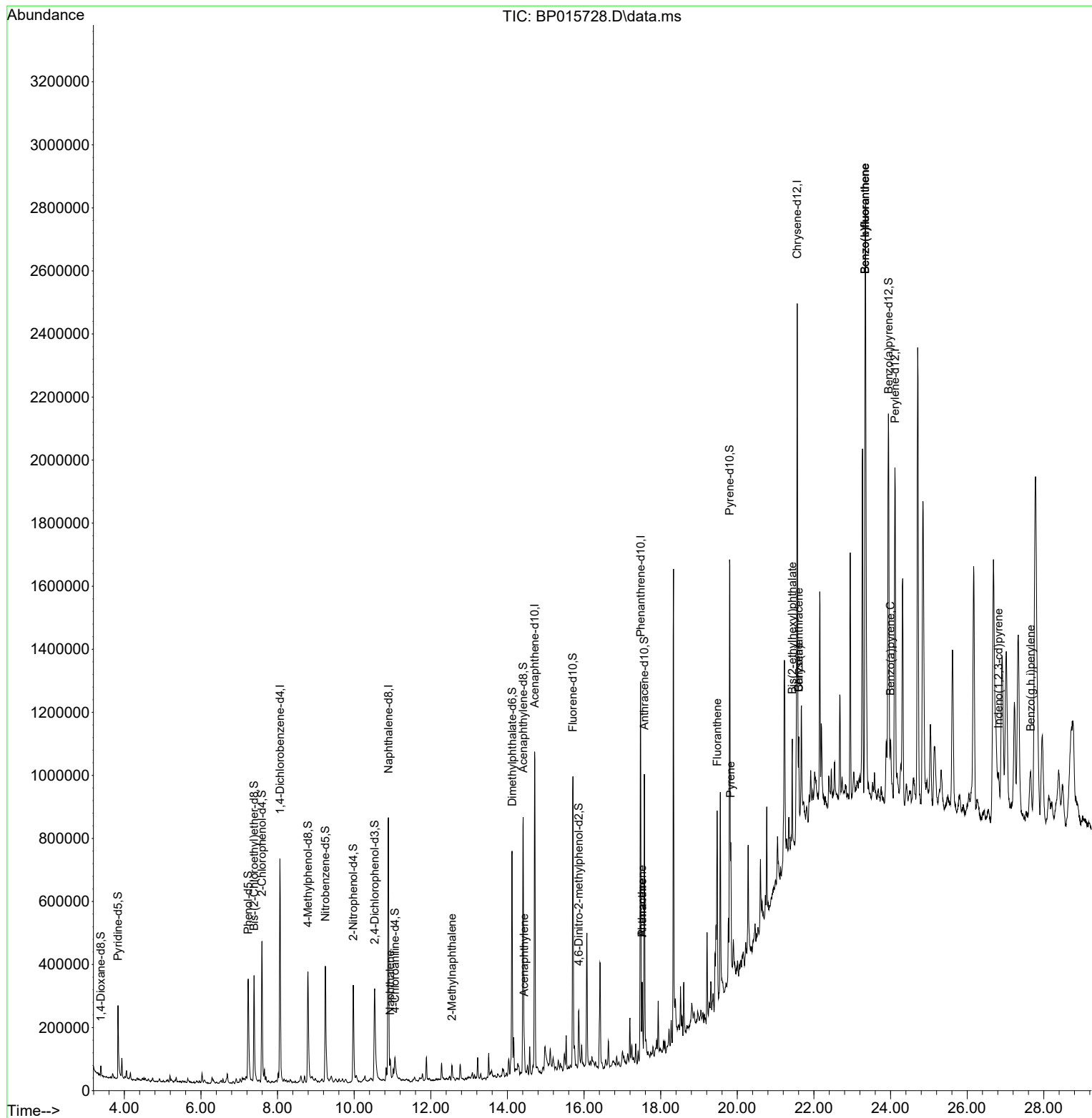
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	190603	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	683566	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	344612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	685318	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	716923	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	906038	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14045	2.651	ng/uL	0.00
4) Pyridine-d5	3.834	84	122154	9.147	ng/ul	0.00
7) Phenol-d5	7.234	99	223332	13.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	157245	15.585	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	192716	15.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	154622	12.002	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	87203	16.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	96911	15.895	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	156939	14.444	ng/ul	0.01
31) 4-Chloroaniline-d4	11.063	131	63310	4.536	ng/ul	0.02
46) Dimethylphthalate-d6	14.122	166	463704	17.409	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	524721	17.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	579	0.165	ng/ul	-0.02
60) Fluorene-d10	15.710	176	374404	17.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	46772	11.097	ng/ul	0.00
73) Anthracene-d10	17.575	188	505510	16.148	ng/ul	0.00
81) Pyrene-d10	19.798	212	681199	14.551	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	791430	17.316	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.940	128	45590	1.227	ng/ul	98
36) 2-Methylnaphthalene	12.551	142	25860	1.057	ng/ul	93
50) Acenaphthylene	14.440	152	51016	1.546	ng/ul	98
72) Phenanthrene	17.516	178	135559	3.641	ng/ul	98
74) Anthracene	17.516	178	135559	3.624	ng/ul	97
80) Fluoranthene	19.475	202	284245	4.886	ng/ul	99
82) Pyrene	19.828	202	232083	3.911	ng/ul	97
85) Benzo(a)anthracene	21.604	228	187970	3.727	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.433	149	119026	3.577	ng/ul	98
87) Chrysene	21.604	228	185776	3.883	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	282857	4.859	ng/ul#	81
91) Benzo(k)fluoranthene	23.333	252	282857	4.809	ng/ul#	80
93) Benzo(a)pyrene	23.998	252	164690	3.238	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.821	276	153724	2.226	ng/ul	95
96) Benzo(g,h,i)perylene	27.662	276	149671	2.635	ng/ul	99

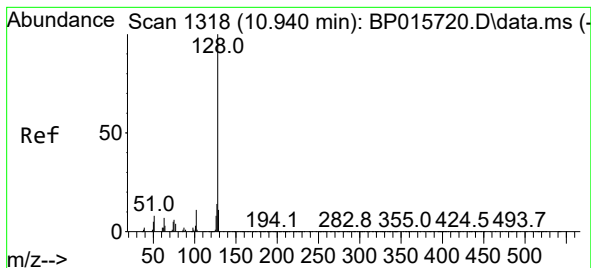
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 1.227 ng/ul

RT: 10.940 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BP015728.D

Acq: 26 Jun 2023 22:58

Instrument :

BNA_P

ClientSampleId :

DCFK3

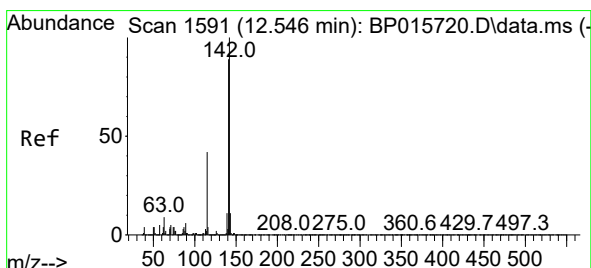
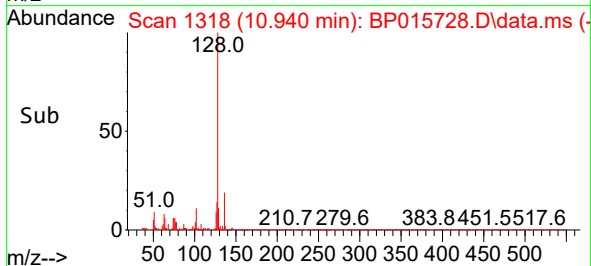
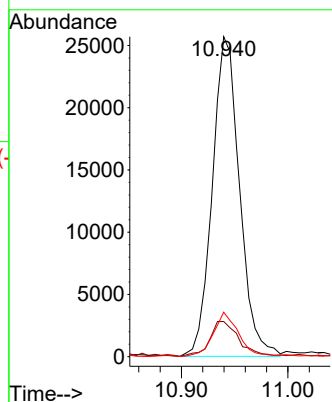
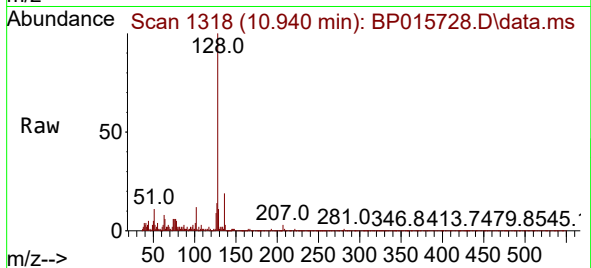
Tgt Ion:128 Resp: 45590

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.9 10.3 15.5



#36

2-Methylnaphthalene

Concen: 1.057 ng/ul

RT: 12.551 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BP015728.D

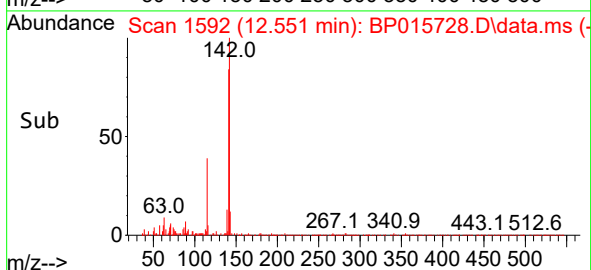
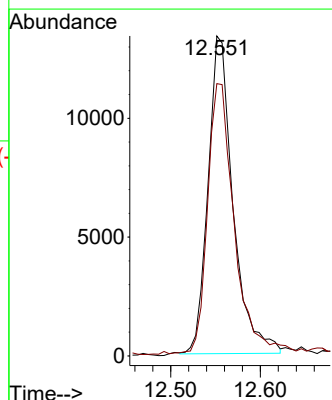
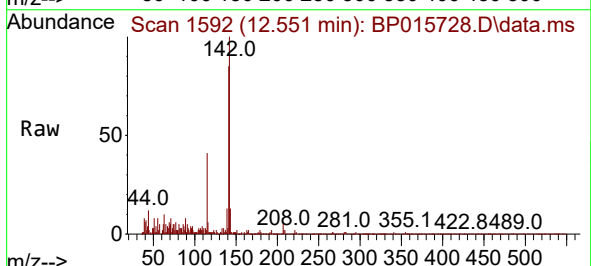
Acq: 26 Jun 2023 22:58

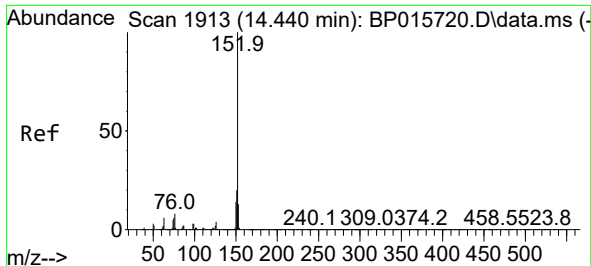
Tgt Ion:142 Resp: 25860

Ion Ratio Lower Upper

142 100

141 85.1 73.2 109.8

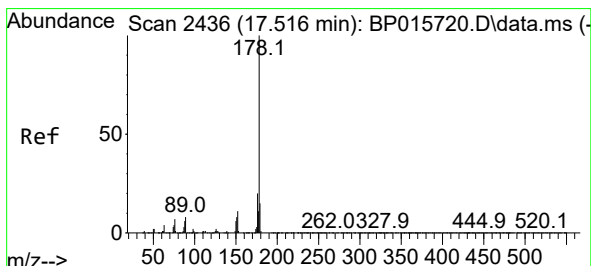
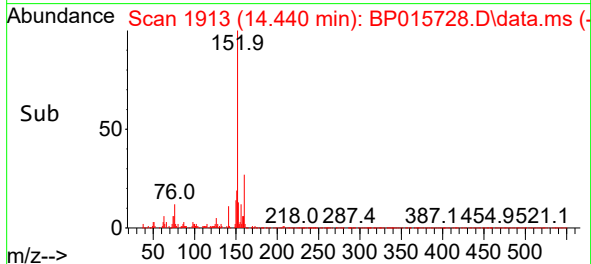
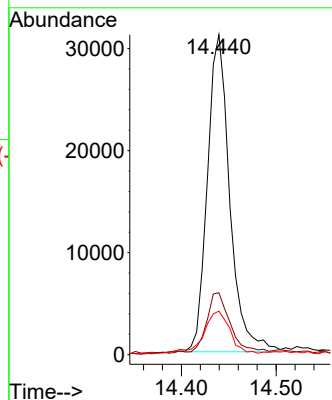
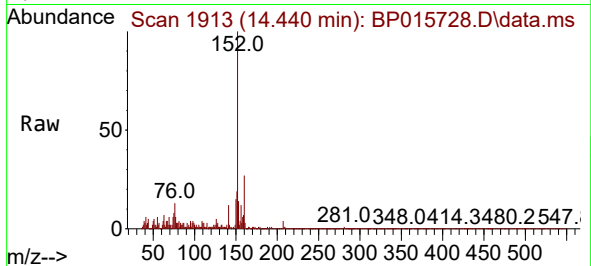




#50
Acenaphthylene
Concen: 1.546 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

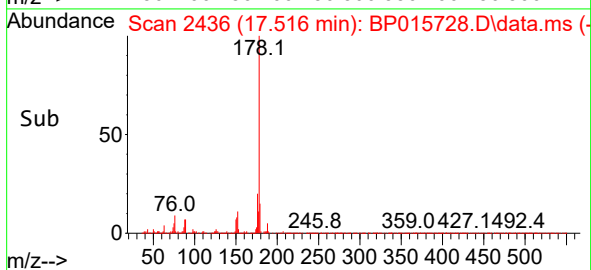
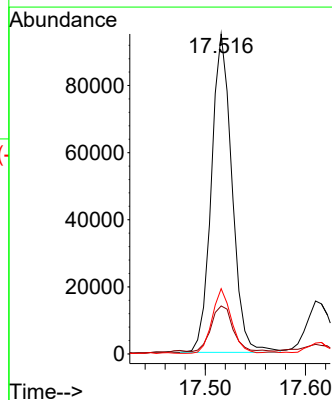
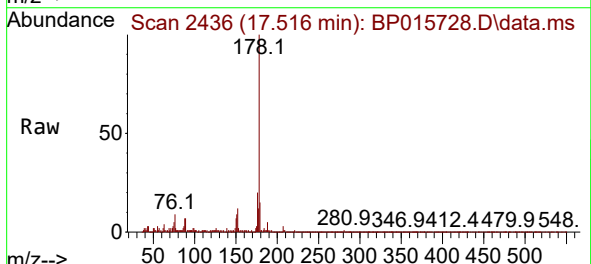
Instrument :
BNA_P
ClientSampleId :
DCFK3

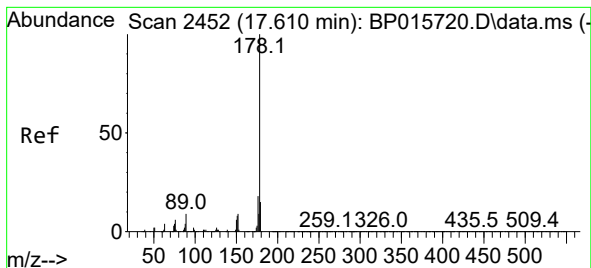
Tgt Ion:	152	Resp:	51016
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.2	24.2
153	13.6	10.5	15.7



#72
Phenanthrene
Concen: 3.641 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:	178	Resp:	135559
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.4	18.6
176	20.4	15.6	23.4





#74

Anthracene

Concen: 3.624 ng/ul

RT: 17.516 min Scan# 2452

Delta R.T. -0.094 min

Lab File: BP015728.D

Acq: 26 Jun 2023 22:58

Instrument :

BNA_P

ClientSampleId :

DCFK3

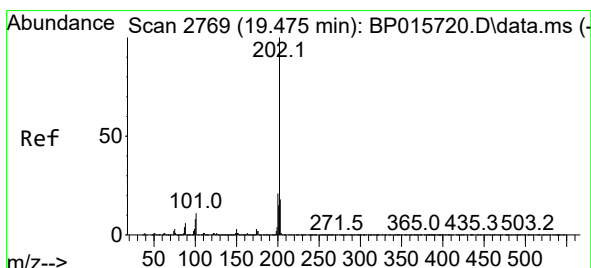
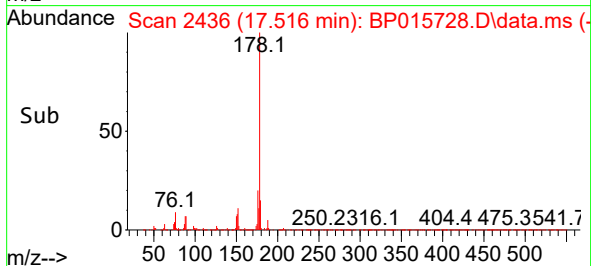
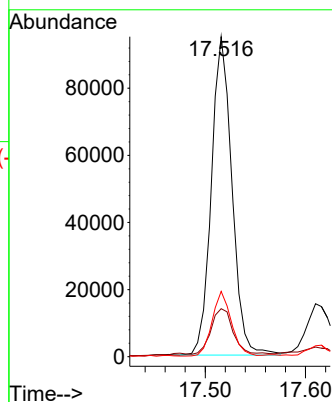
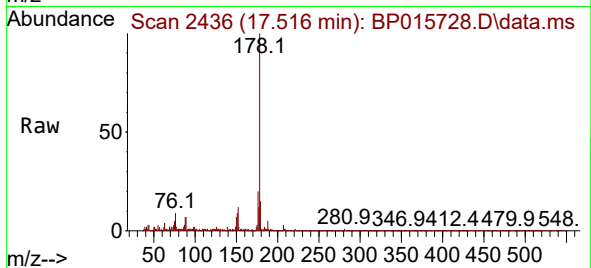
Tgt Ion:178 Resp: 135559

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

176 20.4 14.6 22.0



#80

Fluoranthene

Concen: 4.886 ng/ul

RT: 19.475 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015728.D

Acq: 26 Jun 2023 22:58

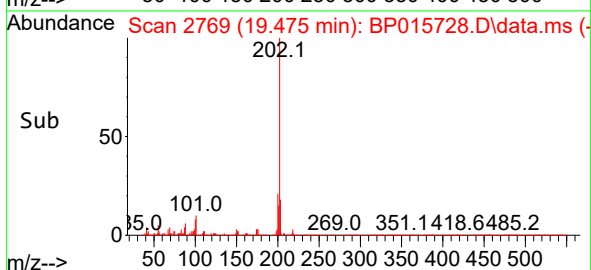
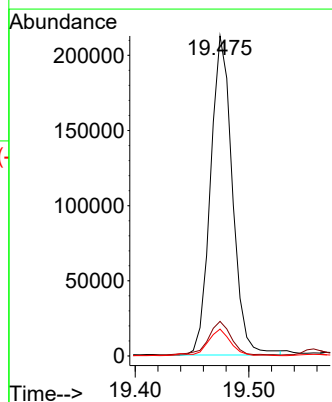
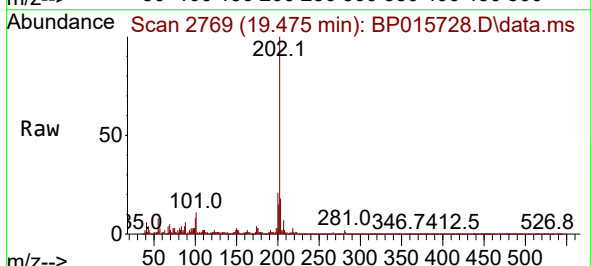
Tgt Ion:202 Resp: 284245

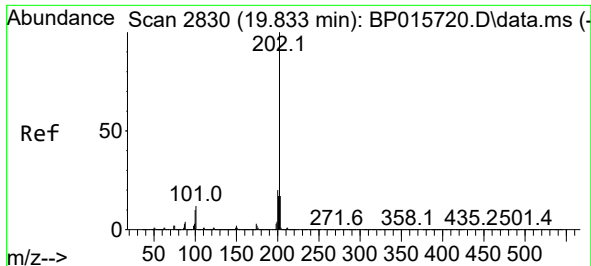
Ion Ratio Lower Upper

202 100

101 10.8 8.3 12.5

100 8.4 6.6 9.8

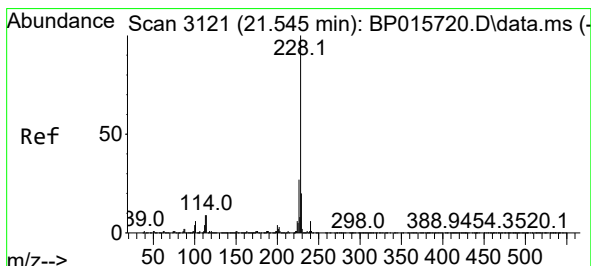
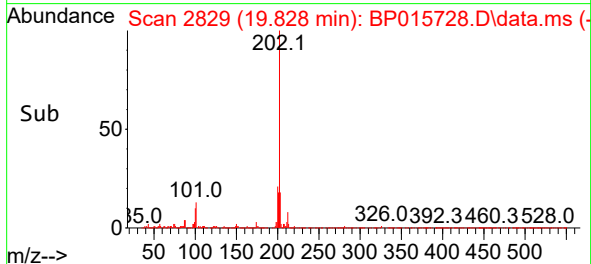
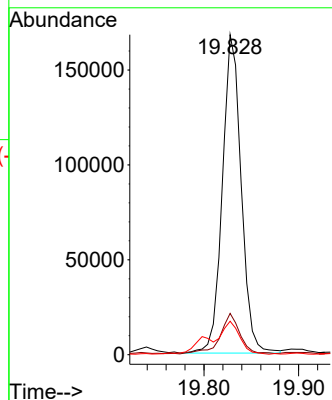
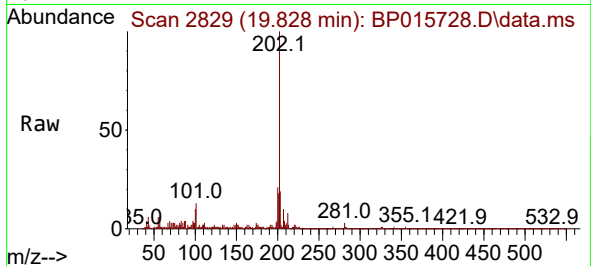




#82
 Pyrene
 Concen: 3.911 ng/ul
 RT: 19.828 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP015728.D
 Acq: 26 Jun 2023 22:58

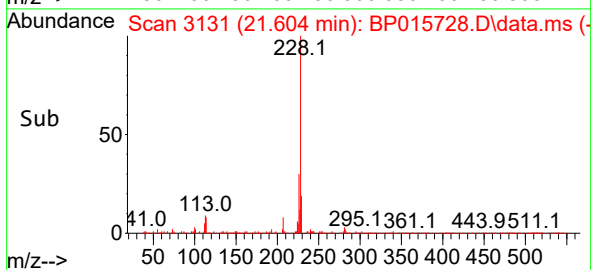
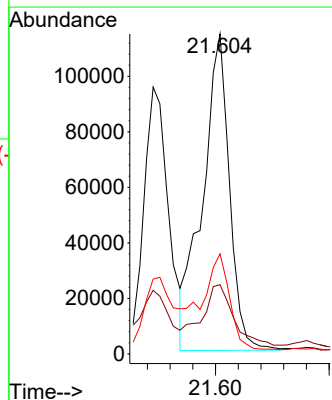
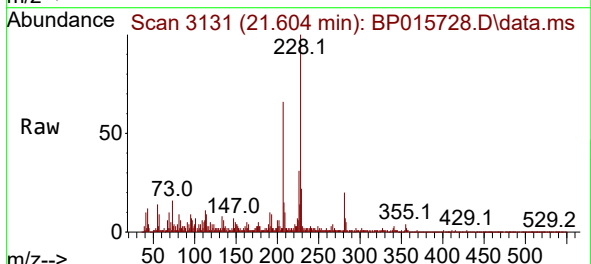
Instrument :
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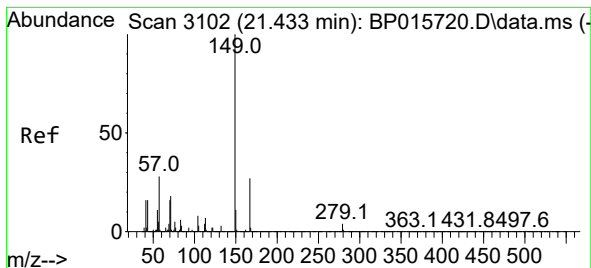
Tgt Ion:202 Resp: 232083
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.3 13.9
 100 10.5 7.6 11.4



#85
 Benzo(a)anthracene
 Concen: 3.727 ng/ul
 RT: 21.604 min Scan# 3131
 Delta R.T. 0.059 min
 Lab File: BP015728.D
 Acq: 26 Jun 2023 22:58

Tgt Ion:228 Resp: 187970
 Ion Ratio Lower Upper
 228 100
 229 21.7 15.3 22.9
 226 31.3 21.4 32.0

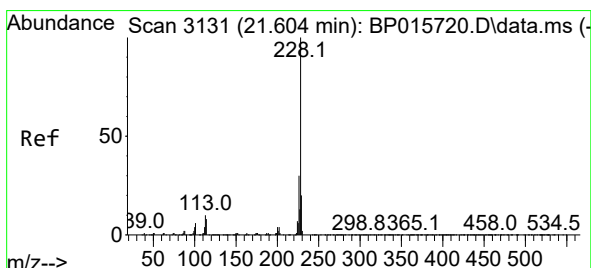
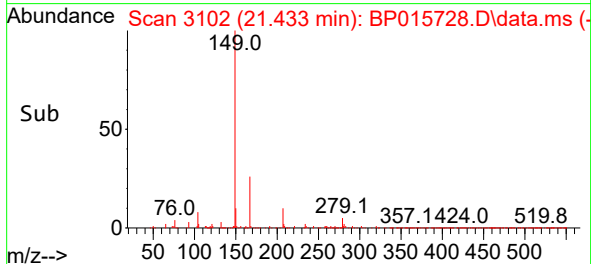
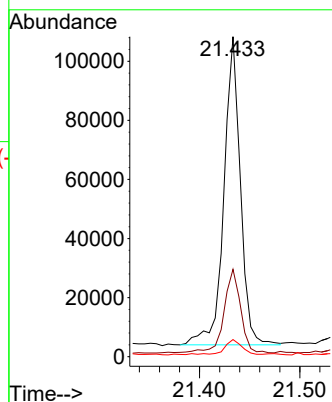
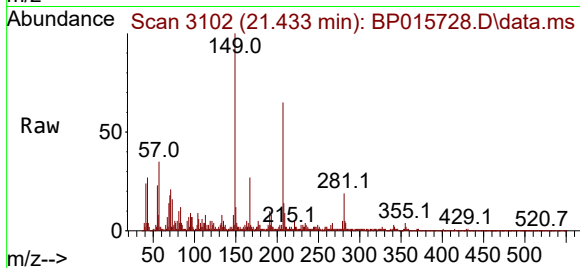




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.577 ng/ul
 RT: 21.433 min Scan# 3102
 Delta R.T. 0.000 min
 Lab File: BP015728.D
 Acq: 26 Jun 2023 22:58

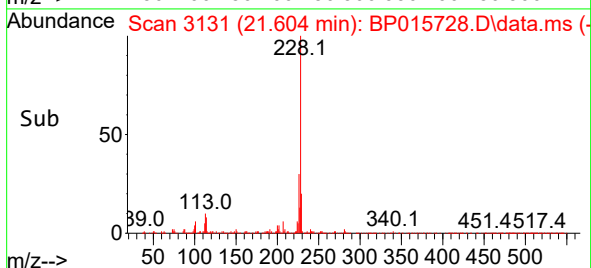
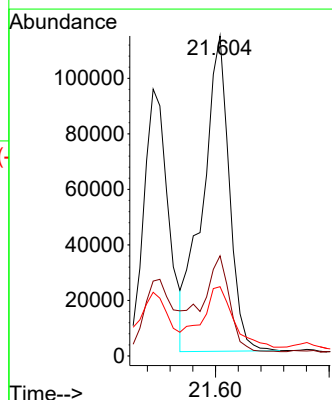
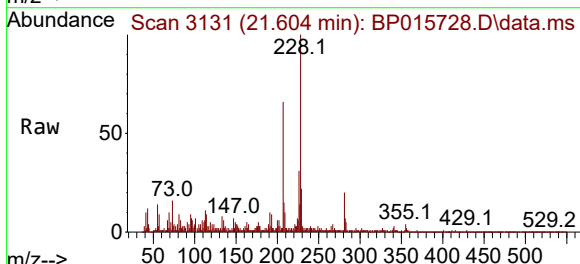
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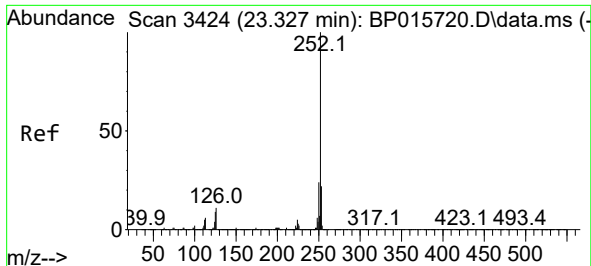
Tgt Ion:149 Resp: 119026
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.6
 279 5.3 3.8 5.6



#87
 Chrysene
 Concen: 3.883 ng/ul
 RT: 21.604 min Scan# 3131
 Delta R.T. 0.000 min
 Lab File: BP015728.D
 Acq: 26 Jun 2023 22:58

Tgt Ion:228 Resp: 185776
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 21.7 15.5 23.3

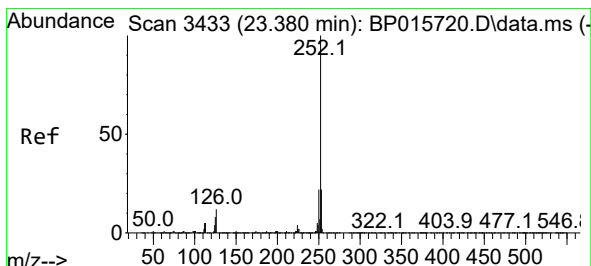
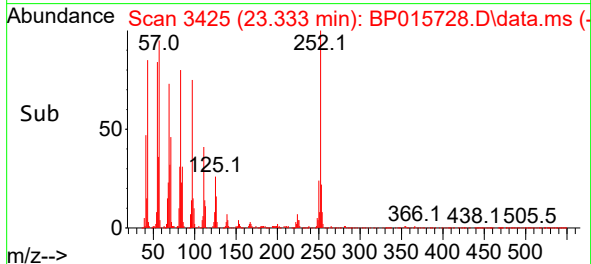
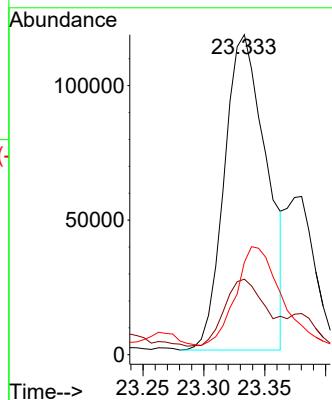
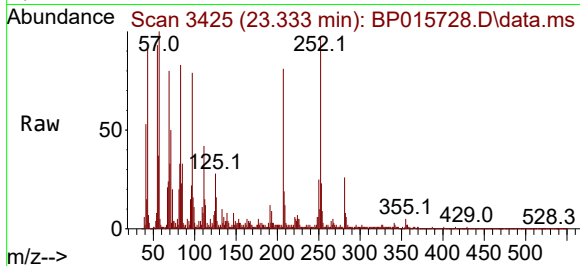




#90
Benzo(b)fluoranthene
Concen: 4.859 ng/ul
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

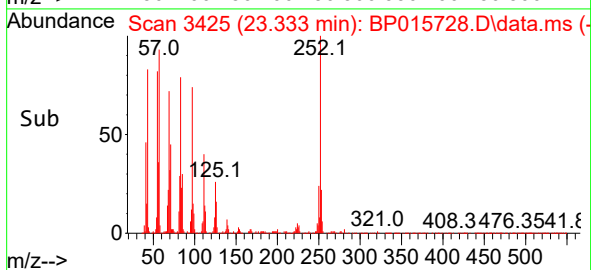
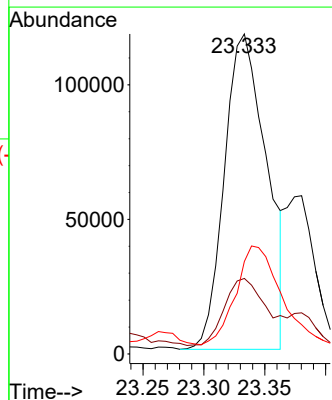
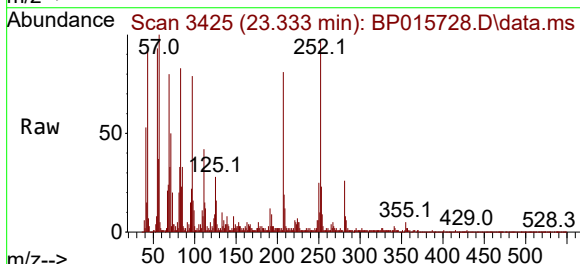
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BNA_P
ClientSampleId :
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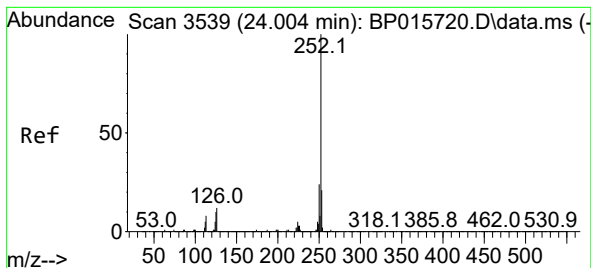
Tgt Ion:252 Resp: 282857
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 28.9 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 4.809 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. -0.047 min
Lab File: BP015728.D
Acq: 26 Jun 2023 22:58

Tgt Ion:252 Resp: 282857
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.4
125 28.9 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 3.238 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015728.D

Acq: 26 Jun 2023 22:58

Instrument :

BNA_P

ClientSampleId :

DCFK3

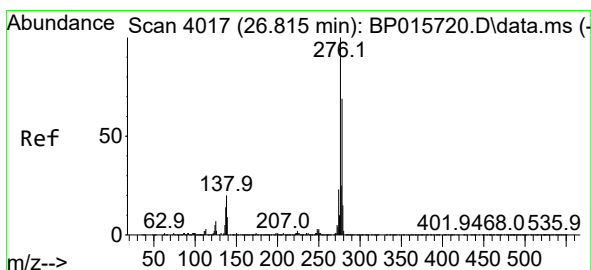
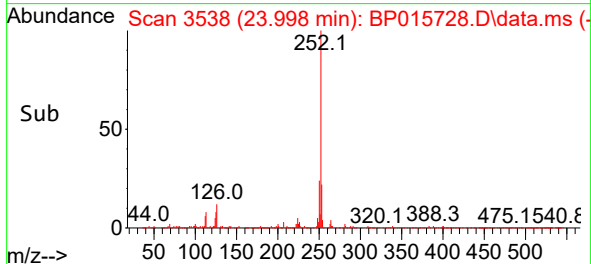
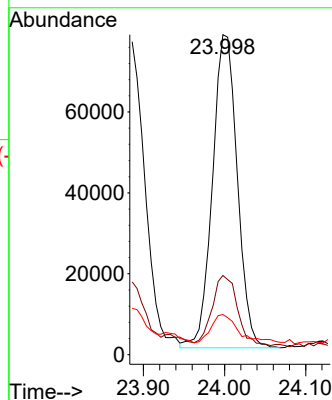
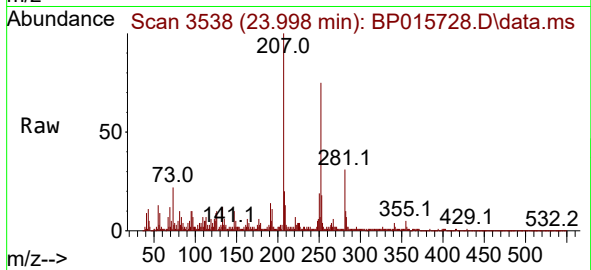
Tgt Ion:252 Resp: 164690

Ion Ratio Lower Upper

252 100

253 24.8 17.7 26.5

125 12.6 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.226 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP015728.D

Acq: 26 Jun 2023 22:58

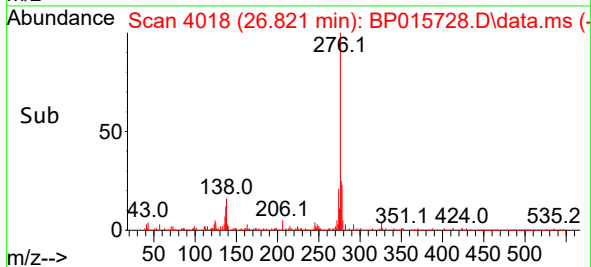
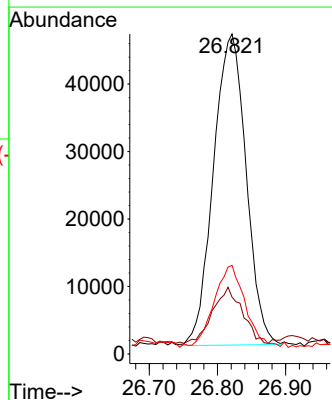
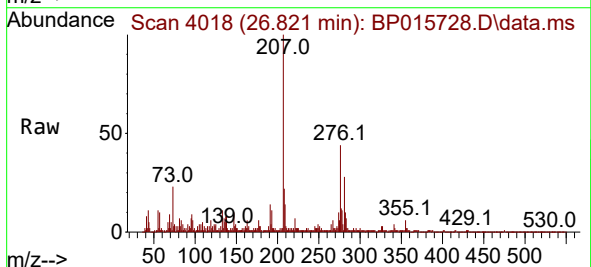
Tgt Ion:276 Resp: 153724

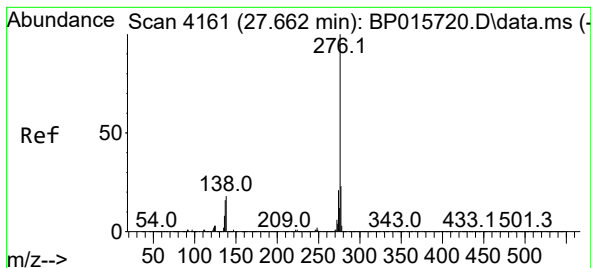
Ion Ratio Lower Upper

276 100

138 17.8 15.7 23.5

277 27.7 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 2.635 ng/ul

RT: 27.662 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP015728.D

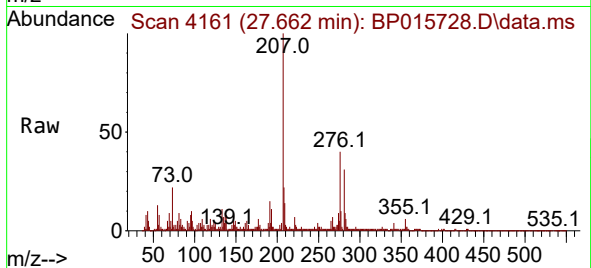
Acq: 26 Jun 2023 22:58

Instrument :

BNA_P

ClientSampleId :

DCFK3



Tgt Ion:276 Resp: 149671

Ion Ratio Lower Upper

276 100

138 18.6 15.1 22.7

277 24.2 18.8 28.2

