

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015727.D
 Acq On : 26 Jun 2023 22:24
 Operator : MA/JU
 Sample : 03083-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ9

Quant Time: Jun 27 02:36:06 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)

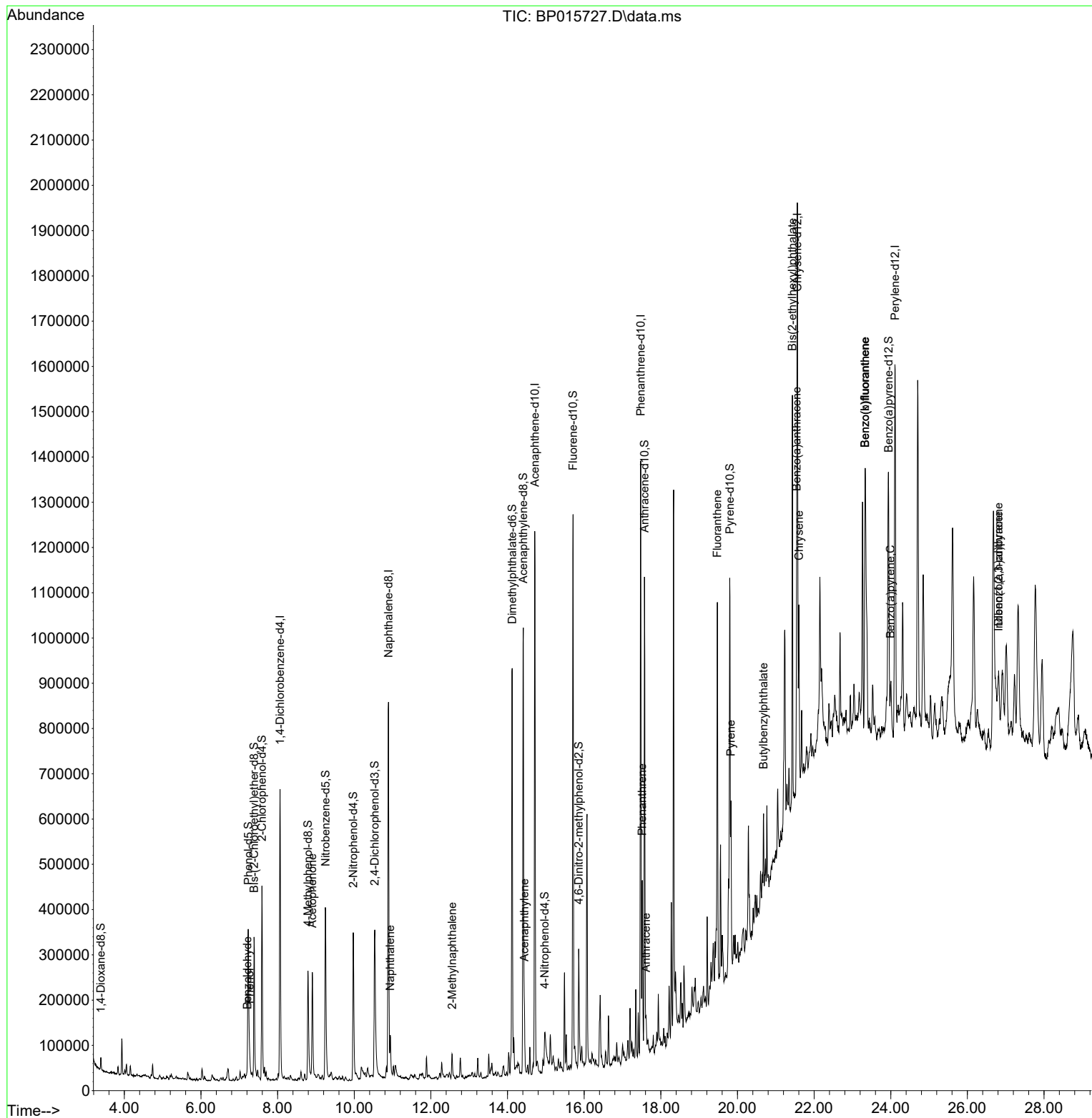
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	172511	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	689066	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	390899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	730650	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	535655	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	695387	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	12093	2.522	ng/uL	0.00
4) Pyridine-d5	3.828	84	512	0.042	ng/ul	0.00
7) Phenol-d5	7.234	99	214299	14.519	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	149932	16.419	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	186062	16.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	110114	9.443	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	93141	17.687	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	105044	17.091	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	164777	15.045	ng/ul	0.01
31) 4-Chloroaniline-d4	11.022	131	55	0.004	ng/ul	-0.02
46) Dimethylphthalate-d6	14.122	166	596792	19.753	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	628218	18.497	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	45954	11.526	ng/ul	0.02
60) Fluorene-d10	15.710	176	466096	18.735	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	63462	14.123	ng/ul	0.00
73) Anthracene-d10	17.575	188	583719	17.490	ng/ul	0.00
81) Pyrene-d10	19.798	212	404765	11.572	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	265927	7.581	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.211	77	9087	1.523	ng/ul	93
8) Phenol	7.269	94	22404	1.463	ng/ul	95
16) Acetophenone	8.905	105	135907	7.090	ng/ul	98
30) Naphthalene	10.940	128	61471	1.641	ng/ul#	97
36) 2-Methylnaphthalene	12.551	142	30114	1.221	ng/ul	88
50) Acenaphthylene	14.440	152	88070	2.353	ng/ul	98
72) Phenanthrene	17.516	178	218638	5.508	ng/ul	99
74) Anthracene	17.610	178	40823	1.024	ng/ul	95
80) Fluoranthene	19.475	202	442935	10.190	ng/ul	99
82) Pyrene	19.828	202	204180	4.605	ng/ul	96
83) Butylbenzylphthalate	20.680	149	47143	2.606	ng/ul	92
85) Benzo(a)anthracene	21.545	228	228165	6.055	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	290257	11.675	ng/ul	99
87) Chrysene	21.604	228	246326	6.890	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	452858	10.135	ng/ul#	97
91) Benzo(k)fluoranthene	23.327	252	452858	10.031	ng/ul#	96
93) Benzo(a)pyrene	23.998	252	91623	2.347	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.810	276	136413	2.574	ng/ul	99
95) Dibenzo(a,h)anthracene	26.815	278	76044	1.747	ng/ul#	78

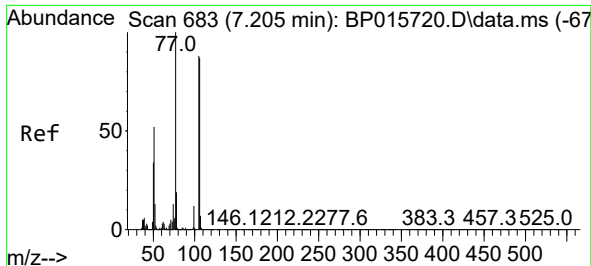
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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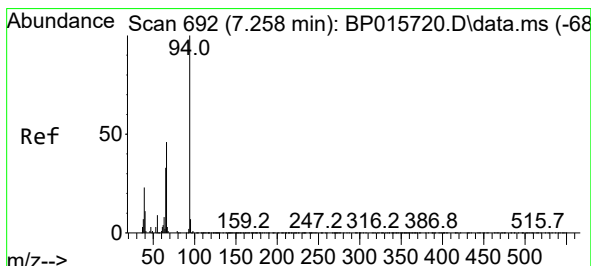
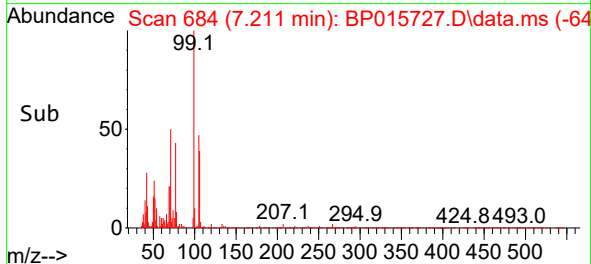
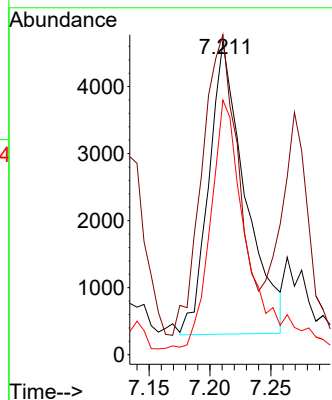
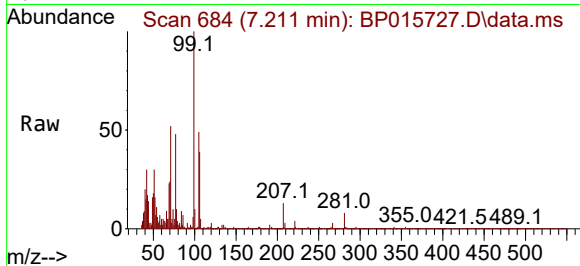




#6
Benzaldehyde
Concen: 1.523 ng/ul
RT: 7.211 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

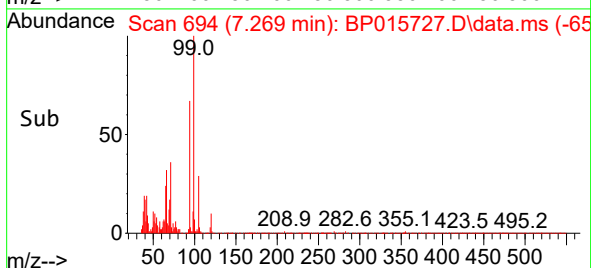
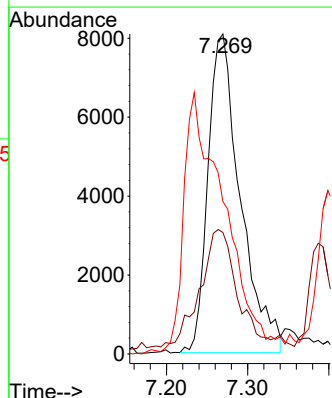
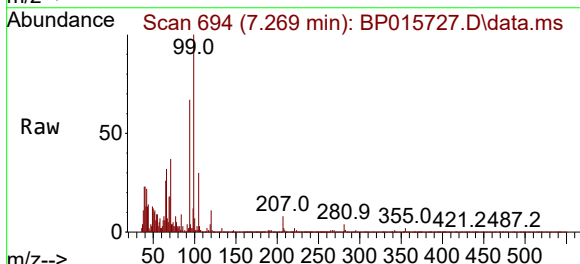
Instrument :
BNA_P
ClientSampleId :
DCFJ9

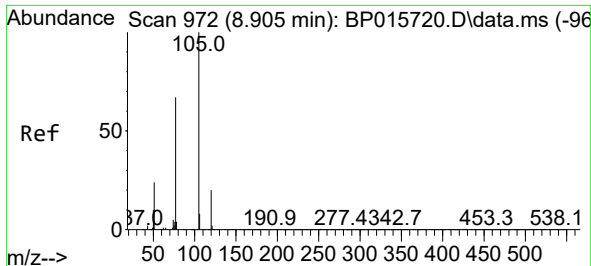
Tgt Ion: 77 Resp: 9087
Ion Ratio Lower Upper
77 100
105 102.1 73.4 110.0
106 81.2 66.6 100.0



#8
Phenol
Concen: 1.463 ng/ul
RT: 7.269 min Scan# 694
Delta R.T. 0.012 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Tgt Ion: 94 Resp: 22404
Ion Ratio Lower Upper
94 100
65 38.0 26.4 39.6
66 47.6 37.3 55.9

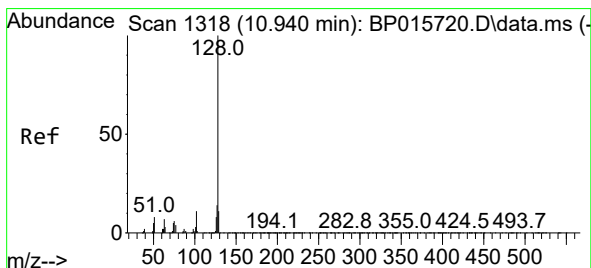
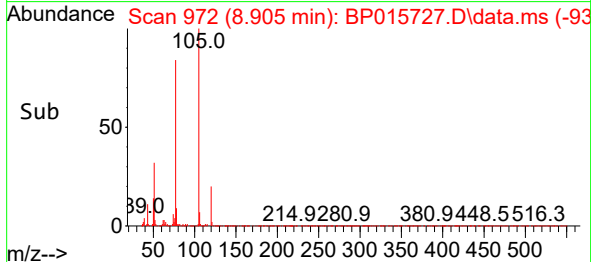
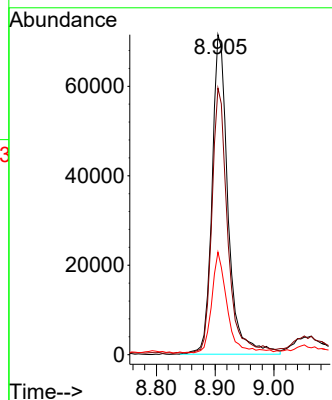
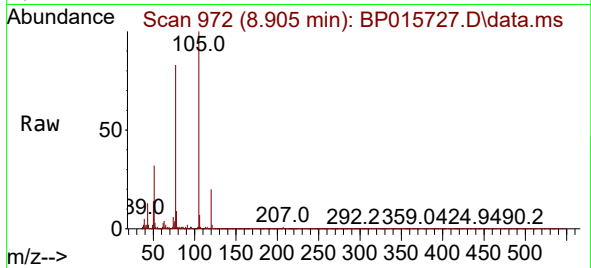




#16
Acetophenone
Concen: 7.090 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

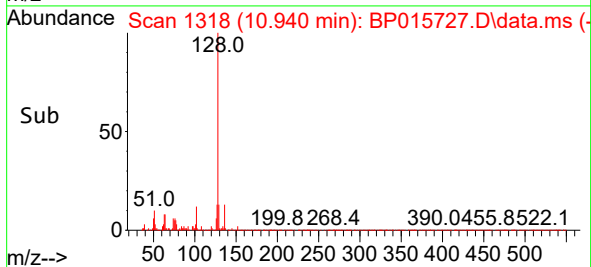
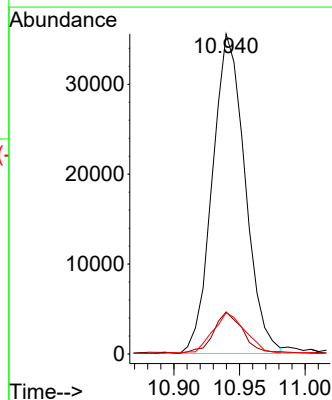
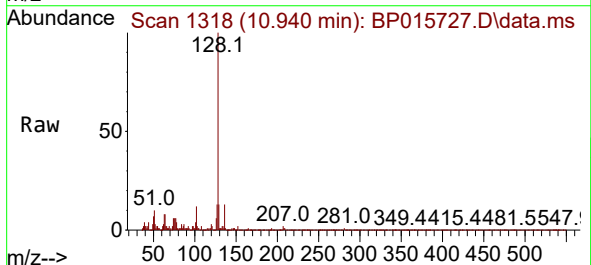
Instrument :
BNA_P
ClientSampleId :
DCFJ9

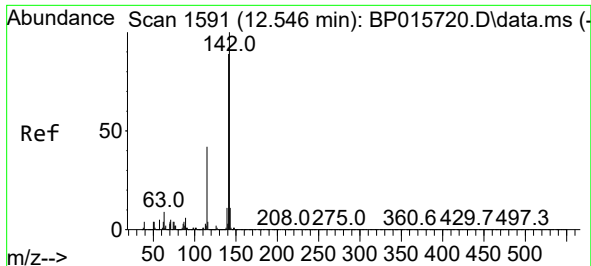
Tgt Ion:105 Resp: 135907
Ion Ratio Lower Upper
105 100
77 83.3 65.0 97.4
51 32.1 25.1 37.7



#30
Naphthalene
Concen: 1.641 ng/ul
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Tgt Ion:128 Resp: 61471
Ion Ratio Lower Upper
128 100
129 13.2 8.6 12.8#
127 12.9 10.3 15.5

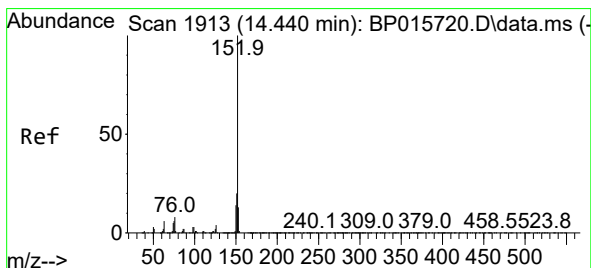
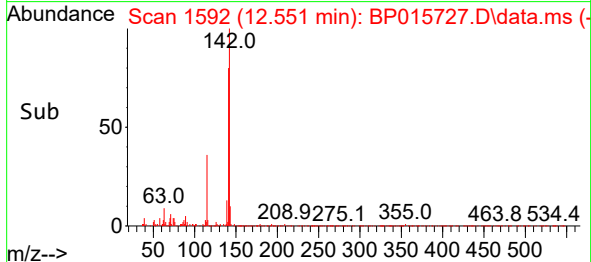
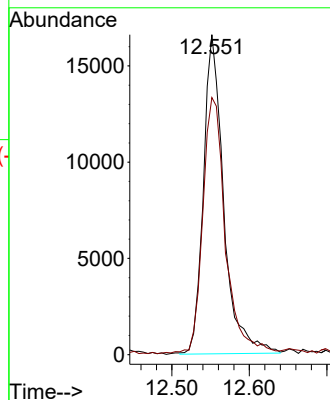
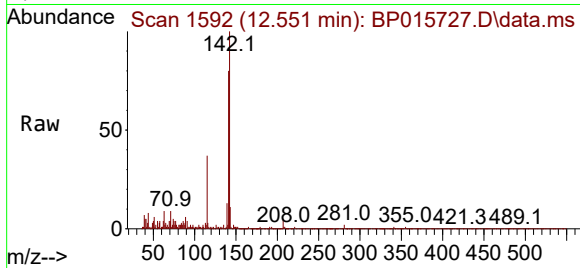




#36
2-Methylnaphthalene
Concen: 1.221 ng/ul
RT: 12.551 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

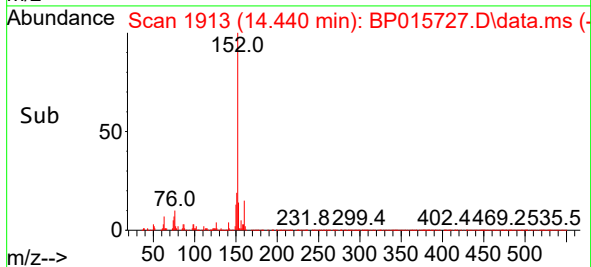
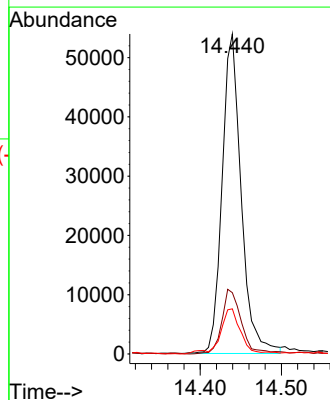
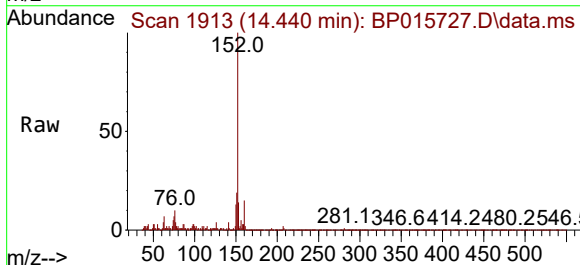
Instrument :
BNA_P
ClientSampleId :
DCFJ9

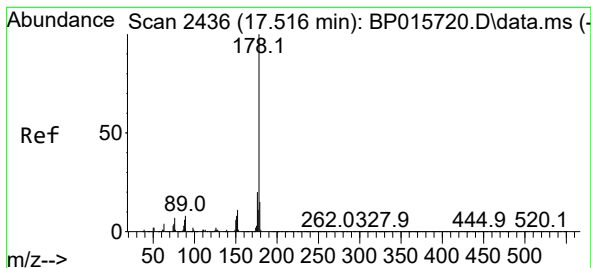
Tgt Ion:142 Resp: 30114
Ion Ratio Lower Upper
142 100
141 80.3 73.2 109.8



#50
Acenaphthylene
Concen: 2.353 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Tgt Ion:152 Resp: 88070
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 14.1 10.5 15.7





#72

Phenanthrene

Concen: 5.508 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

Instrument :

BNA_P

ClientSampleId :

DCFJ9

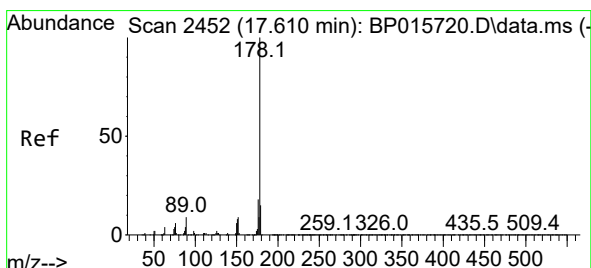
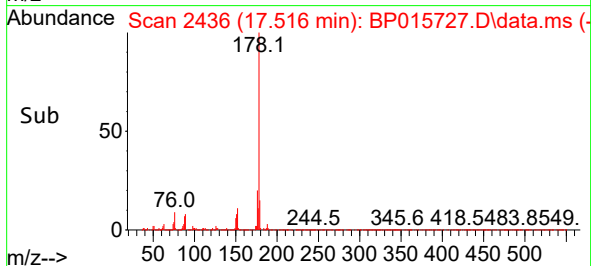
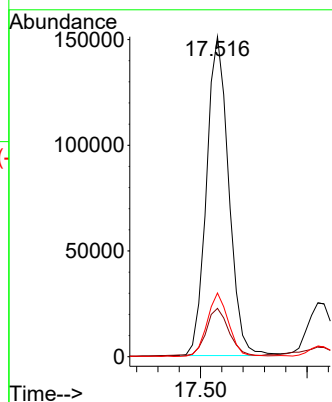
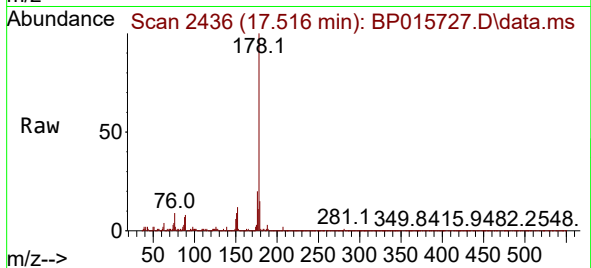
Tgt Ion:178 Resp: 218638

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 19.9 15.6 23.4



#74

Anthracene

Concen: 1.024 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

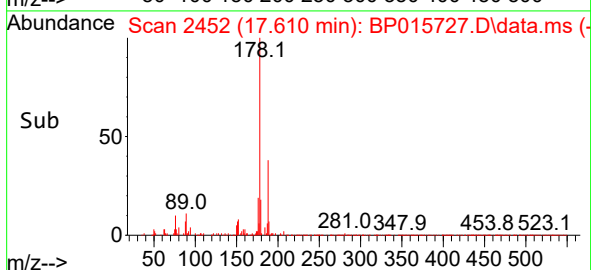
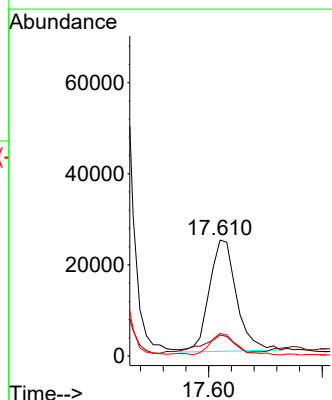
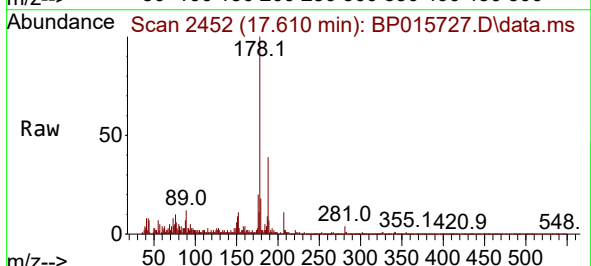
Tgt Ion:178 Resp: 40823

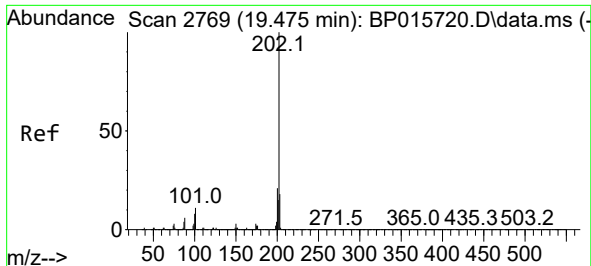
Ion Ratio Lower Upper

178 100

179 18.1 12.1 18.1

176 19.5 14.6 22.0

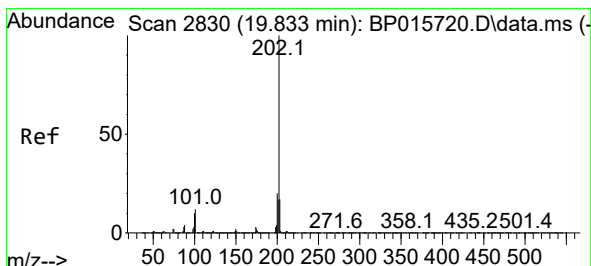
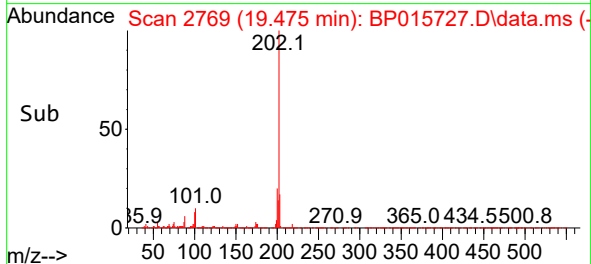
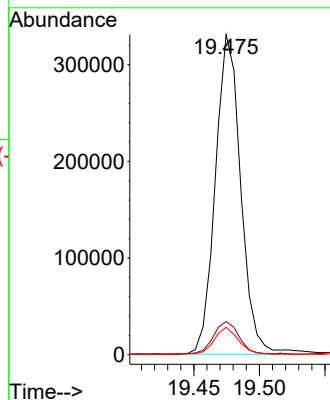
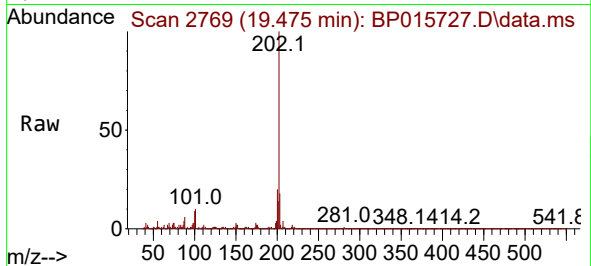




#80
Fluoranthene
Concen: 10.190 ng/ul
RT: 19.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

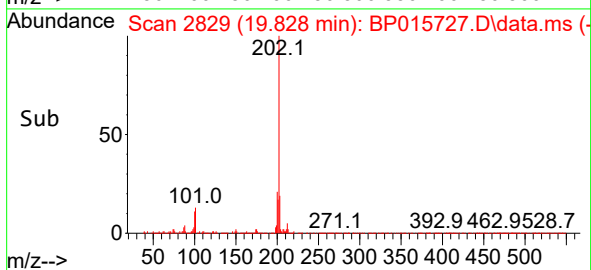
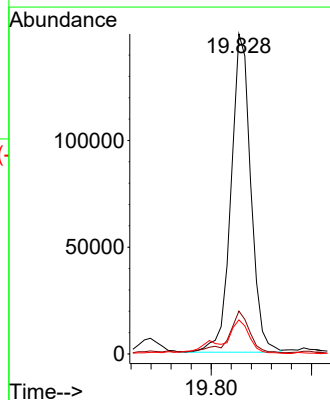
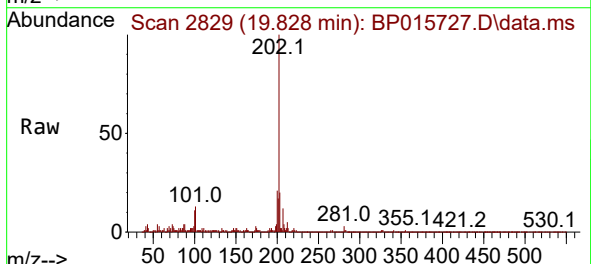
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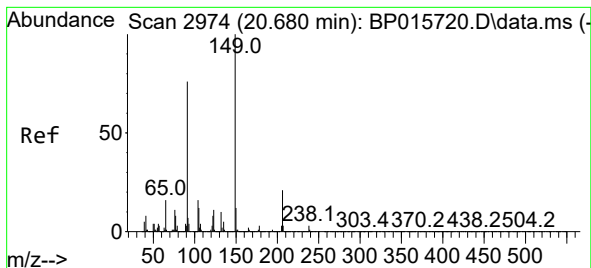
Tgt Ion:202 Resp: 442935
Ion Ratio Lower Upper
202 100
101 10.3 8.3 12.5
100 8.6 6.6 9.8



#82
Pyrene
Concen: 4.605 ng/ul
RT: 19.828 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Tgt Ion:202 Resp: 204180
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 10.6 7.6 11.4





#83

Butylbenzylphthalate

Concen: 2.606 ng/ul

RT: 20.680 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

Instrument :

BNA_P

ClientSampleId :

DCFJ9

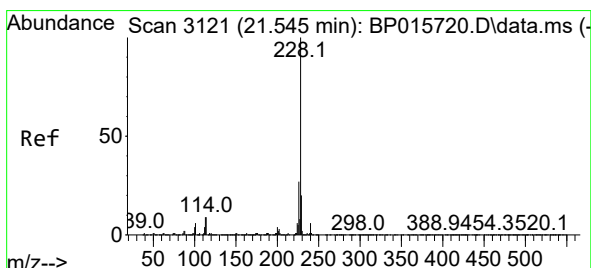
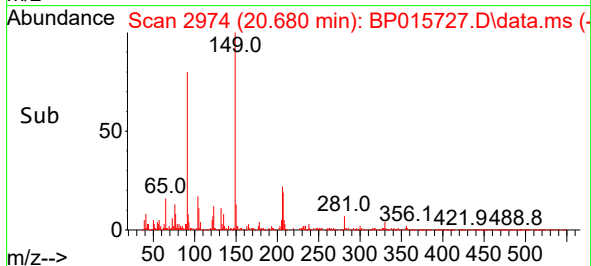
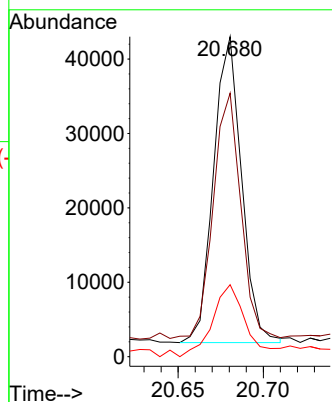
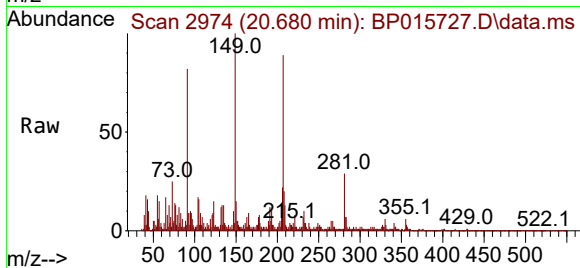
Tgt Ion:149 Resp: 47143

Ion Ratio Lower Upper

149 100

91 82.4 59.8 89.6

206 22.5 16.4 24.6



#85

Benzo(a)anthracene

Concen: 6.055 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

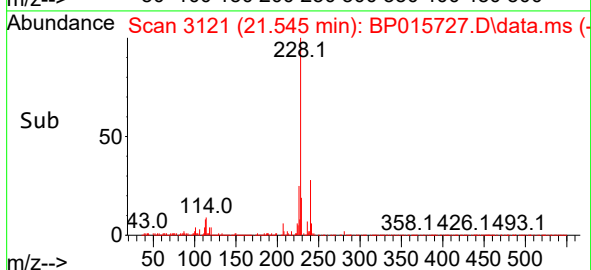
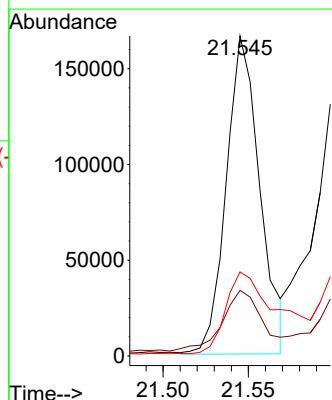
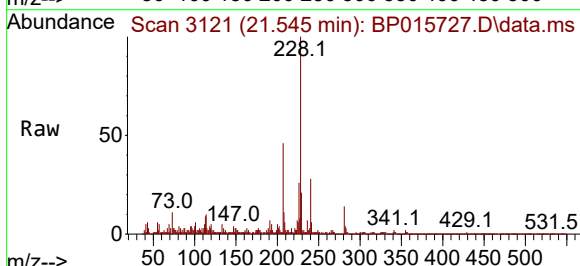
Tgt Ion:228 Resp: 228165

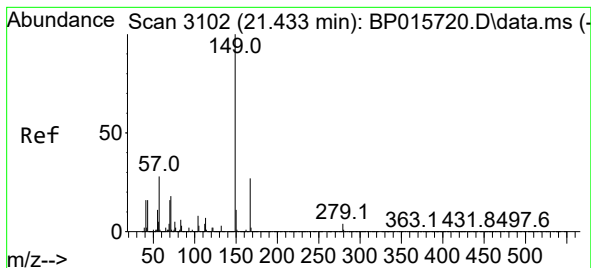
Ion Ratio Lower Upper

228 100

229 20.5 15.3 22.9

226 26.3 21.4 32.0

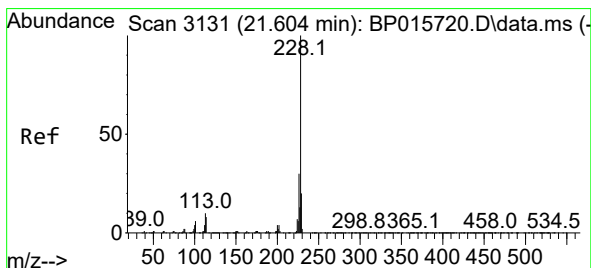
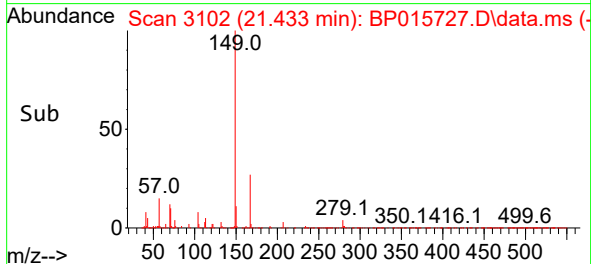
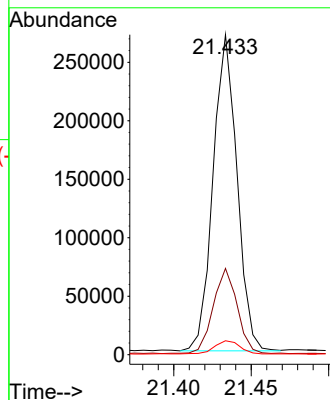
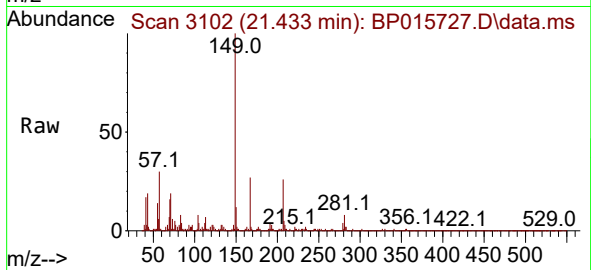




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 11.675 ng/ul
 RT: 21.433 min Scan# 3102
 Delta R.T. 0.000 min
 Lab File: BP015727.D
 Acq: 26 Jun 2023 22:24

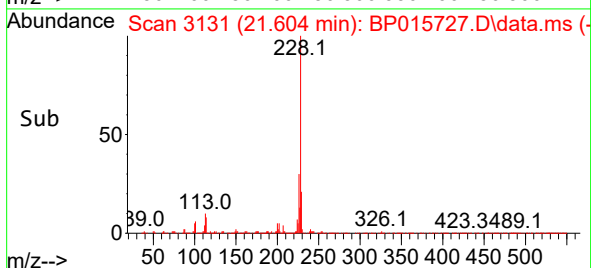
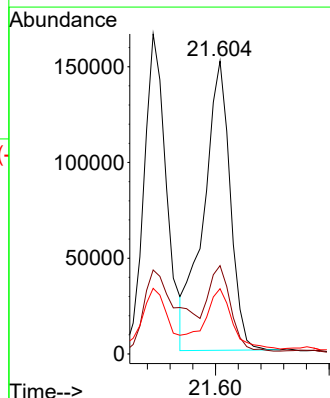
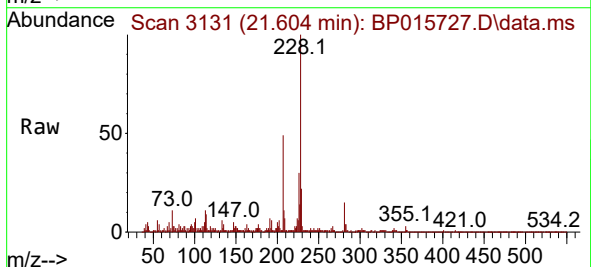
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ9

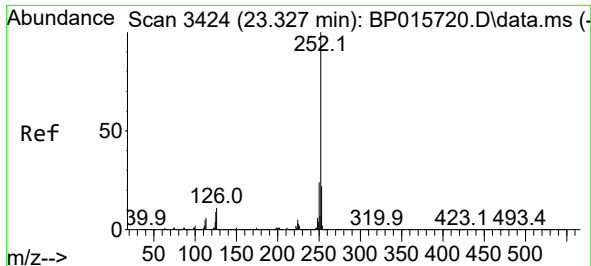
Tgt Ion:149 Resp: 290257
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.6
 279 4.4 3.8 5.6



#87
 Chrysene
 Concen: 6.890 ng/ul
 RT: 21.604 min Scan# 3131
 Delta R.T. 0.000 min
 Lab File: BP015727.D
 Acq: 26 Jun 2023 22:24

Tgt Ion:228 Resp: 246326
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 22.3 15.5 23.3

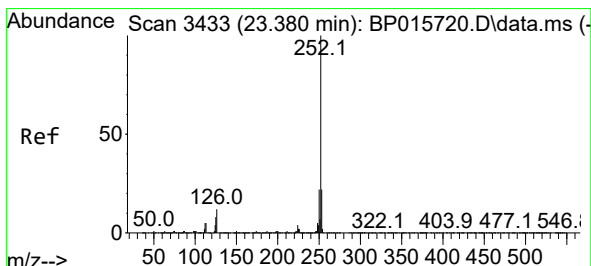
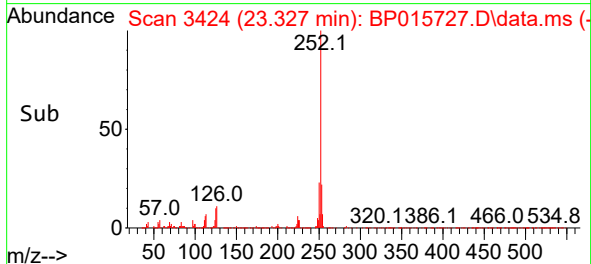
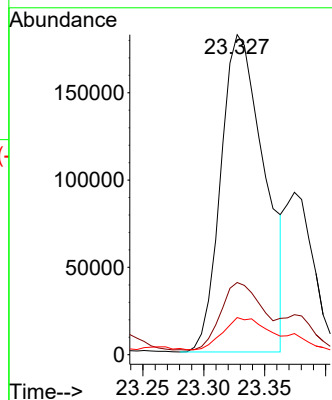
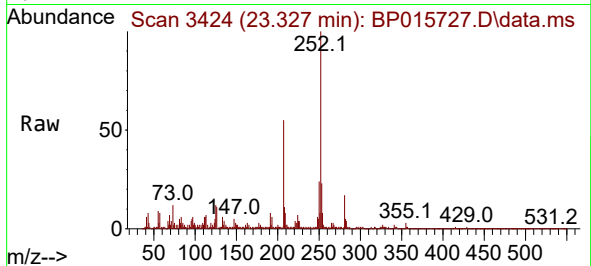




#90
Benzo(b)fluoranthene
Concen: 10.135 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

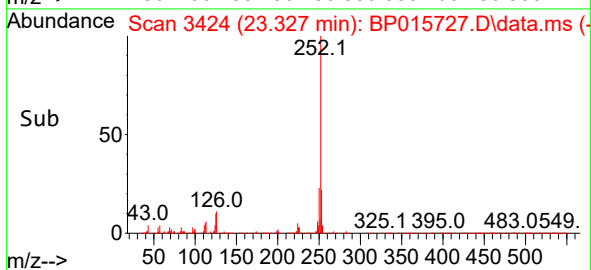
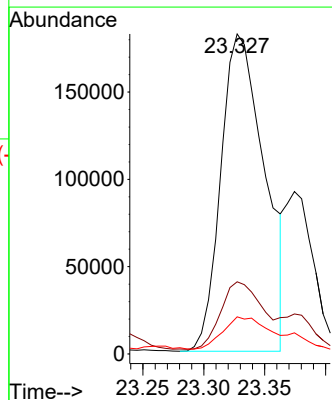
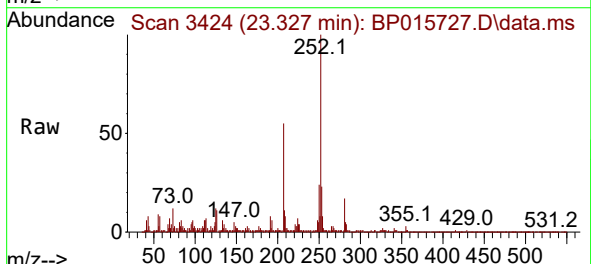
Instrument :
BNA_P
ClientSampleId :
DCFJ9

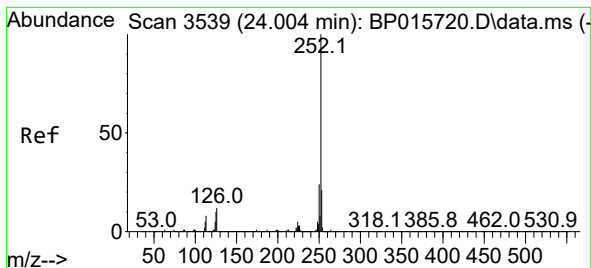
Tgt Ion:252 Resp: 452858
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.6 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 10.031 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. -0.053 min
Lab File: BP015727.D
Acq: 26 Jun 2023 22:24

Tgt Ion:252 Resp: 452858
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 11.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.347 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

Instrument :

BNA_P

ClientSampleId :

DCFJ9

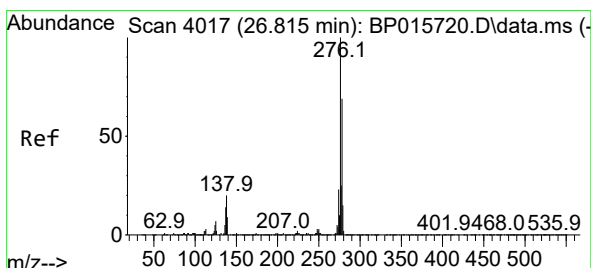
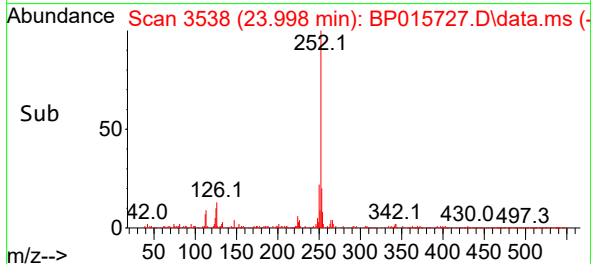
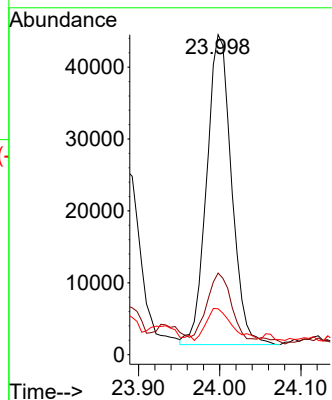
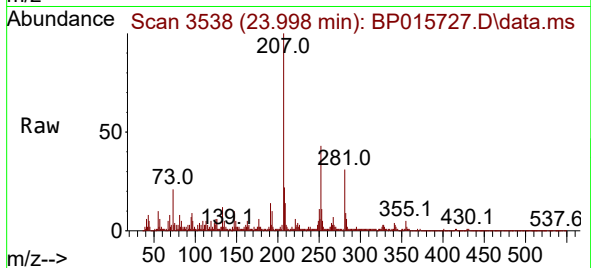
Tgt Ion:252 Resp: 91623

Ion Ratio Lower Upper

252 100

253 25.5 17.7 26.5

125 14.4 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.574 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015727.D

Acq: 26 Jun 2023 22:24

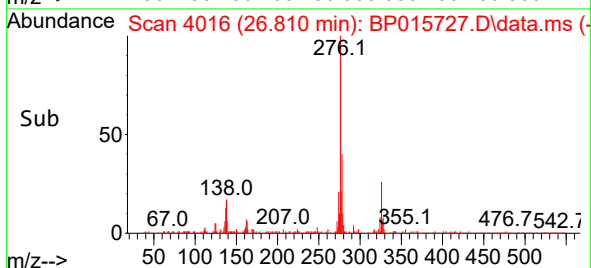
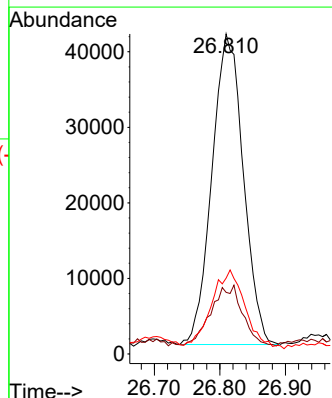
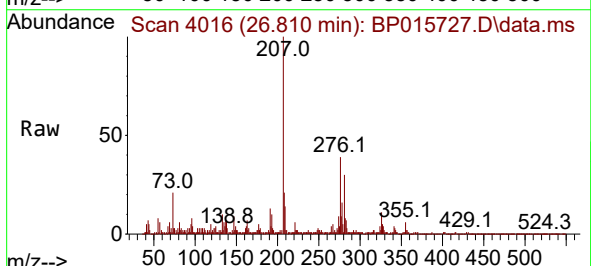
Tgt Ion:276 Resp: 136413

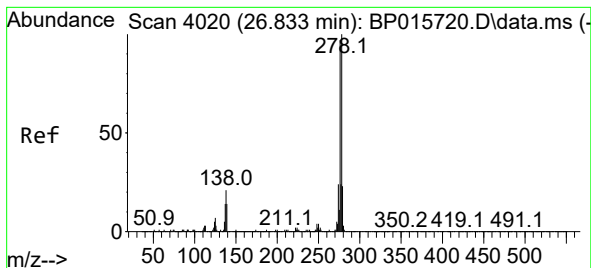
Ion Ratio Lower Upper

276 100

138 19.2 15.7 23.5

277 23.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.747 ng/ul

RT: 26.815 min Scan# 40

Delta R.T. -0.012 min

Lab File: BP015727.D

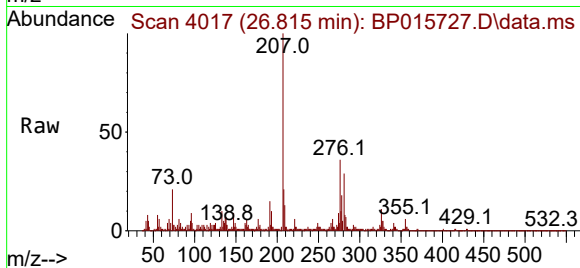
Acq: 26 Jun 2023 22:24

Instrument :

BNA_P

ClientSampleId :

DCFJ9



Tgt Ion:278 Resp: 76044

Ion Ratio Lower Upper

278 100

139 28.9 10.5 15.7#

279 28.9 18.4 27.6#

