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 Data File : BP015053.D
 Acq On : 10 May 2023 21:05
 Operator : CG/JU
 Sample : 02591-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

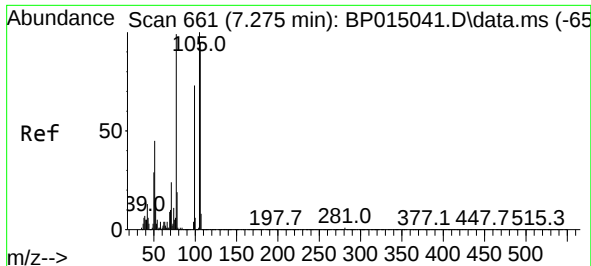
Instrument :
 BNA_P
 ClientSampleId :
 JREJ6

Quant Time: May 10 23:17:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 15:17:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	264286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.986	136	1044883	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.792	164	553526	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.551	188	1055138	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	351473	20.000	ng/u1	# 0.02
88) Perylene-d12	24.315	264	452473	20.000	ng/u1	# 0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	11085	1.560	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.304	99	226487	9.885	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.469	67	144566	10.208	ng/u1	0.00
11) 2-Chlorophenol-d4	7.681	132	197736	11.736	ng/u1	0.00
15) 4-Methylphenol-d8	8.863	113	178726	10.122	ng/u1	0.00
21) Nitrobenzene-d5	9.328	128	98478	13.252	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	109155	14.304	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.604	165	190608	12.722	ng/u1	0.01
31) 4-Chloroaniline-d4	11.122	131	172315	7.951	ng/u1	0.00
46) Dimethylphthalate-d6	14.192	166	563442	14.382	ng/u1	0.00
49) Acenaphthylene-d8	14.486	160	646543	13.761	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	76682	11.251	ng/u1	0.01
60) Fluorene-d10	15.786	176	454804	13.494	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	22450	3.780	ng/u1	0.00
73) Anthracene-d10	17.645	188	654263	13.800	ng/u1	0.00
81) Pyrene-d10	19.868	212	604347	25.494	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.133	264	280751	12.735	ng/u1	0.10
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.281	77	17262	2.755	ng/u1	94
8) Phenol	7.334	94	48928	2.034	ng/u1	96
16) Acetophenone	8.987	105	364332	12.619	ng/u1	99
30) Naphthalene	11.039	128	87019	1.515	ng/u1	99
36) 2-Methylnaphthalene	12.633	142	49980	1.407	ng/u1	97
52) Acenaphthene	14.857	153	46624	1.265	ng/u1	96
56) Dibenzofuran	15.192	168	59905	1.204	ng/u1	92
71) Pentachlorophenol	17.198	266	222390	29.465	ng/u1	98
72) Phenanthrene	17.592	178	151444	2.598	ng/u1	97
74) Anthracene	17.680	178	79149	1.364	ng/u1	96
80) Fluoranthene	19.545	202	203312	6.990	ng/u1	97
82) Pyrene	19.898	202	158595	5.146	ng/u1	96
85) Benzo(a)anthracene	21.627	228	28312	1.207	ng/u1#	26
87) Chrysene	21.686	228	58781	2.488	ng/u1#	52

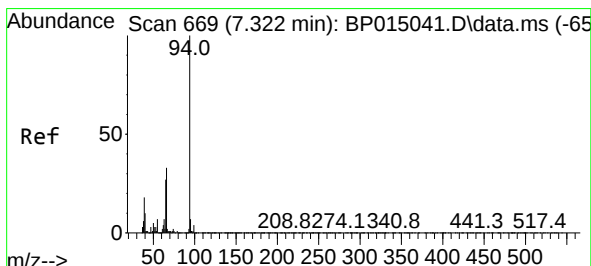
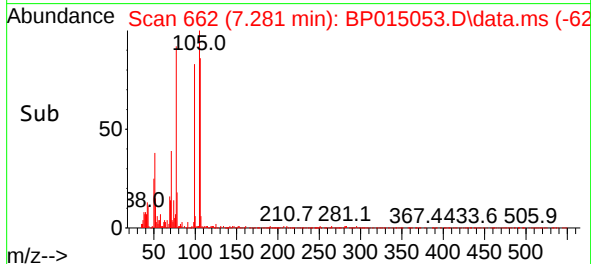
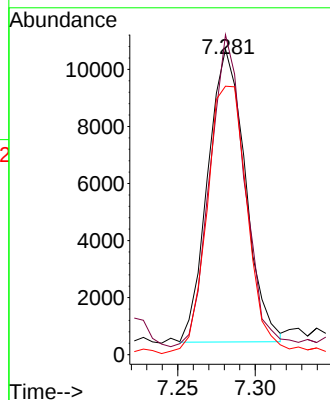
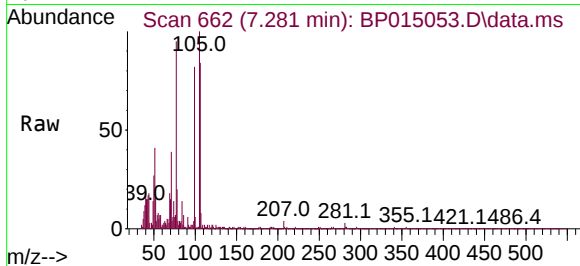
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Benzaldehyde
Concen: 2.755 ng/ul
RT: 7.281 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

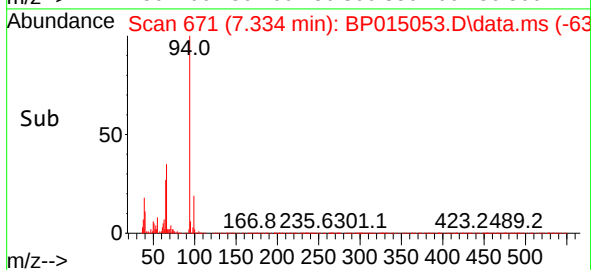
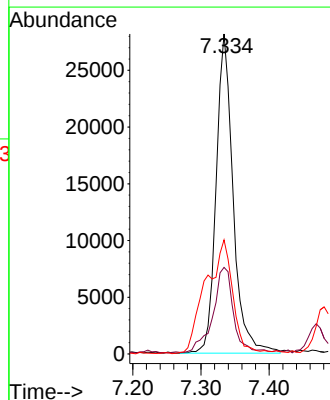
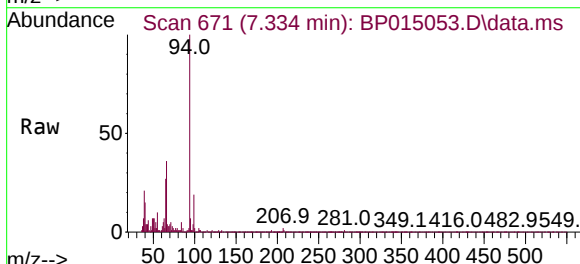
Instrument :
BNA_P
ClientSampleId :
JREJ6

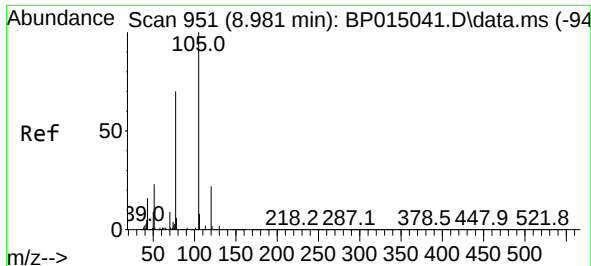
Tgt Ion: 77 Resp: 17262
Ion Ratio Lower Upper
77 100
105 104.7 80.7 121.1
106 87.9 77.6 116.4



#8
Phenol
Concen: 2.034 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. 0.012 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

Tgt Ion: 94 Resp: 48928
Ion Ratio Lower Upper
94 100
65 27.1 21.4 32.0
66 35.6 25.8 38.8

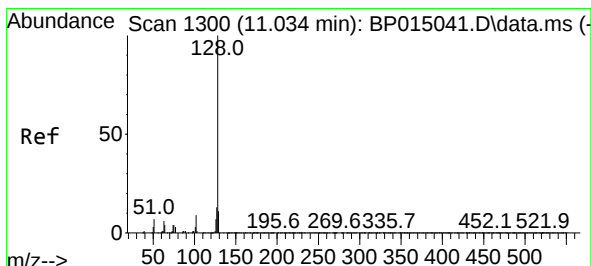
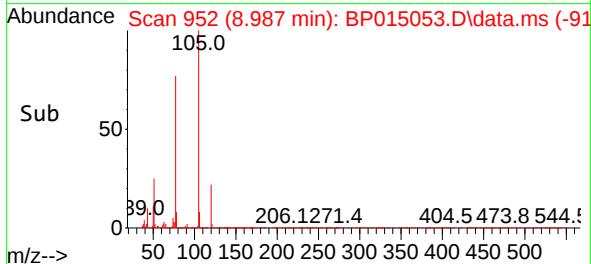
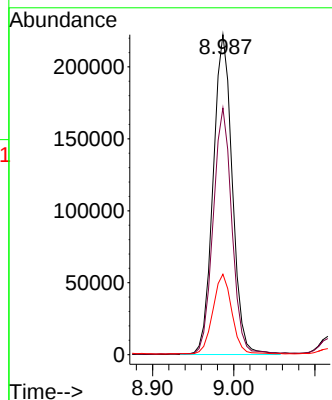
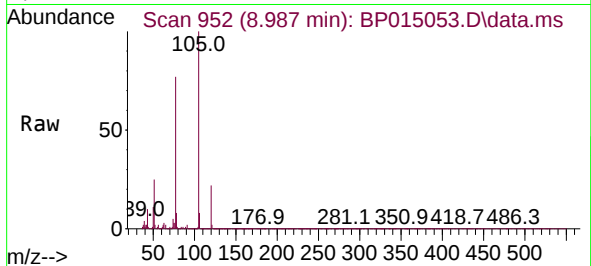




#16
Acetophenone
Concen: 12.619 ng/ul
RT: 8.987 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

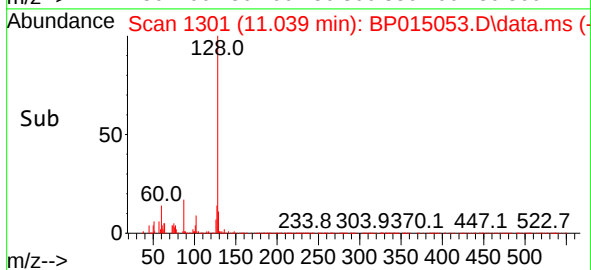
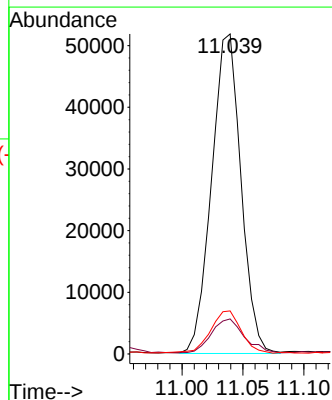
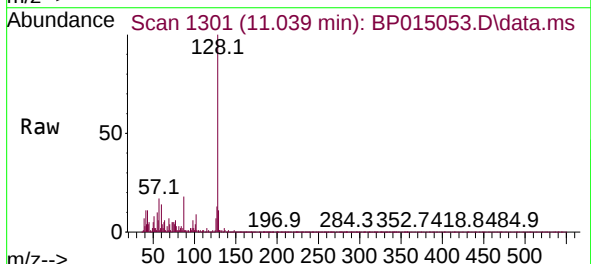
Instrument :
BNA_P
ClientSampleId :
JREJ6

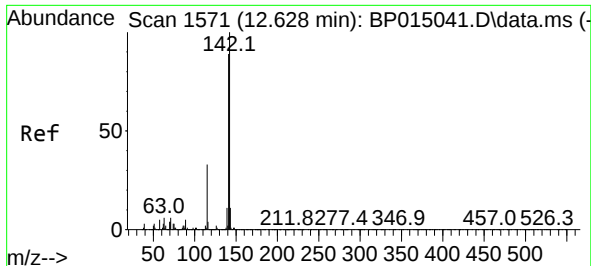
Tgt Ion:105 Resp: 364332
Ion Ratio Lower Upper
105 100
77 77.1 61.2 91.8
51 25.1 19.4 29.2



#30
Naphthalene
Concen: 1.515 ng/ul
RT: 11.039 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

Tgt Ion:128 Resp: 87019
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.4 15.6

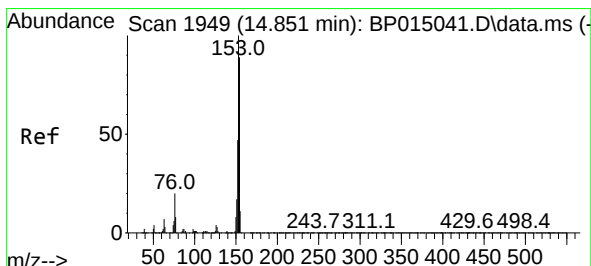
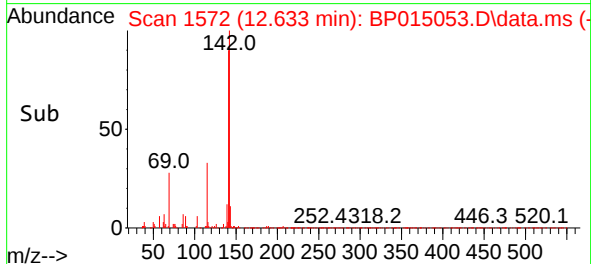
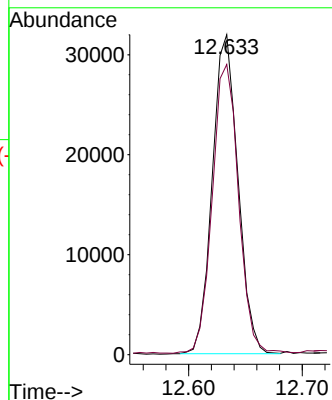
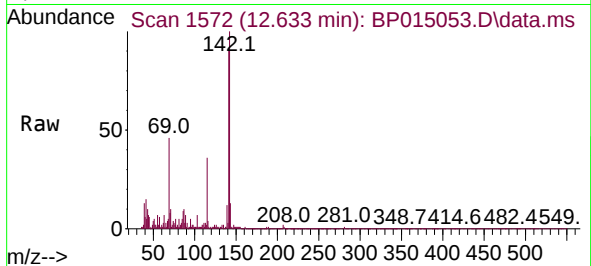




#36
2-Methylnaphthalene
Concen: 1.407 ng/ul
RT: 12.633 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

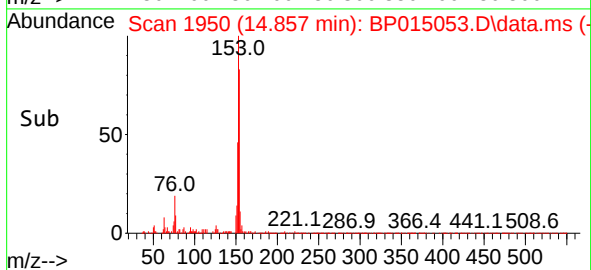
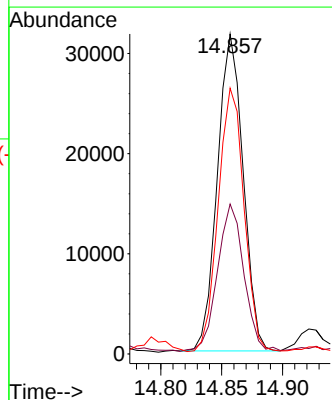
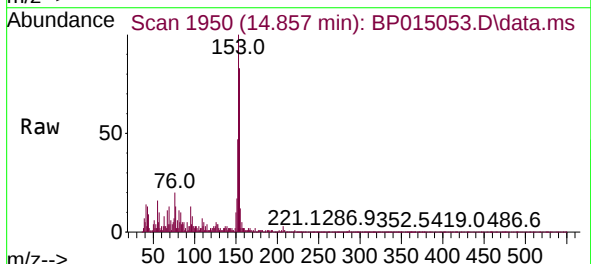
Instrument :
BNA_P
ClientSampleId :
JREJ6

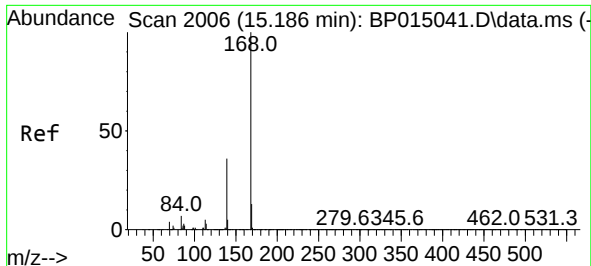
Tgt Ion:142 Resp: 49980
Ion Ratio Lower Upper
142 100
141 90.7 70.5 105.7



#52
Acenaphthene
Concen: 1.265 ng/ul
RT: 14.857 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

Tgt Ion:153 Resp: 46624
Ion Ratio Lower Upper
153 100
152 46.9 38.8 58.2
154 83.1 69.6 104.4

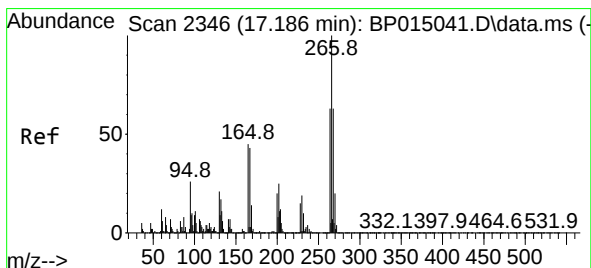
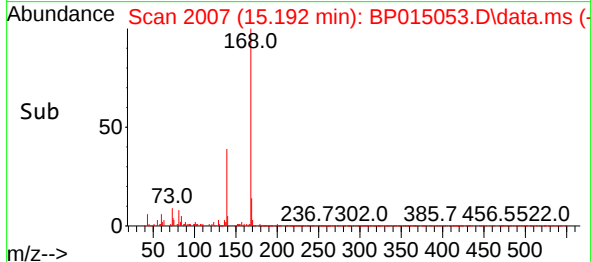
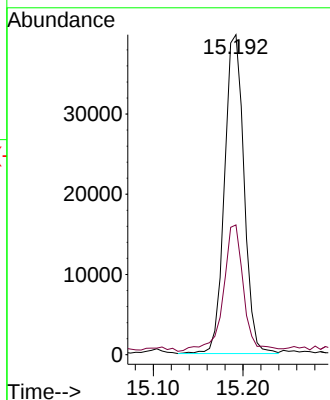
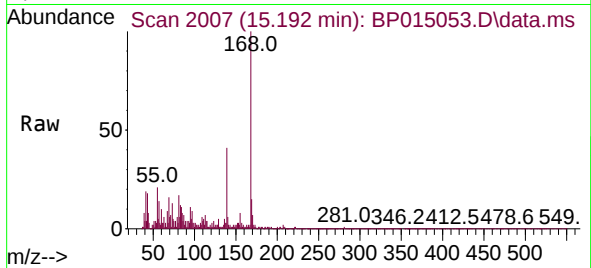




#56
Dibenzofuran
Concen: 1.204 ng/ul
RT: 15.192 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

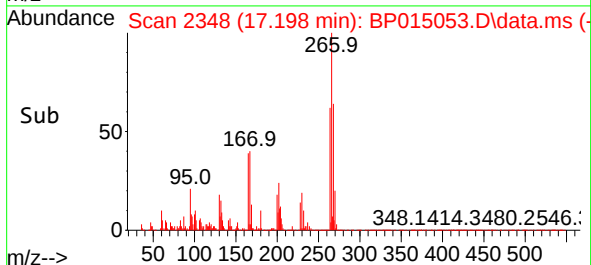
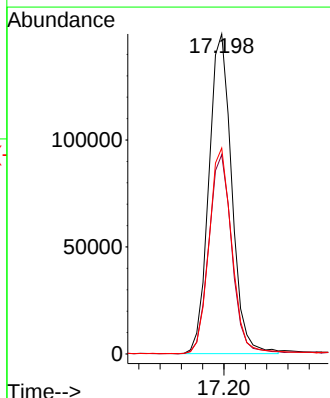
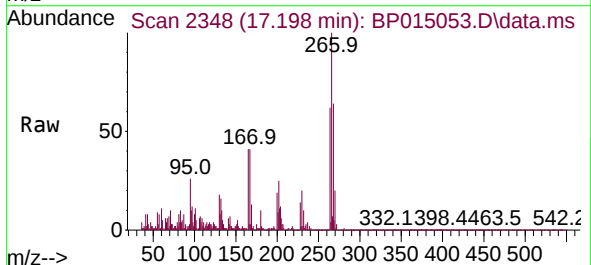
Instrument :
BNA_P
ClientSampleId :
JREJ6

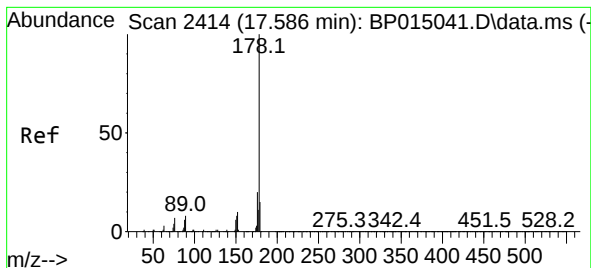
Tgt Ion:168 Resp: 59905
Ion Ratio Lower Upper
168 100
139 40.5 28.6 42.8



#71
Pentachlorophenol
Concen: 29.465 ng/ul
RT: 17.198 min Scan# 2348
Delta R.T. 0.012 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

Tgt Ion:266 Resp: 222390
Ion Ratio Lower Upper
266 100
264 62.2 48.9 73.3
268 64.4 49.6 74.4





#72

Phenanthrene

Concen: 2.598 ng/ul

RT: 17.592 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BP015053.D

Acq: 10 May 2023 21:05

Instrument :

BNA_P

ClientSampleId :

JREJ6

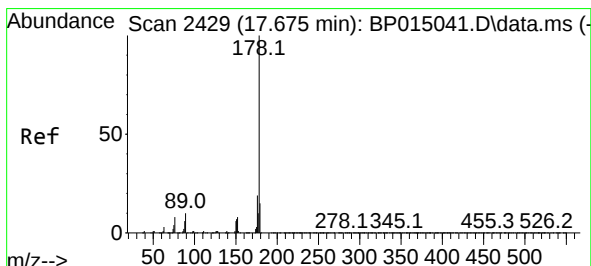
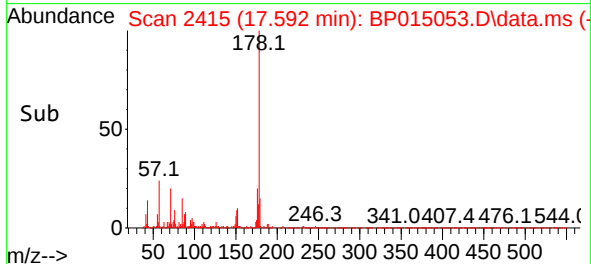
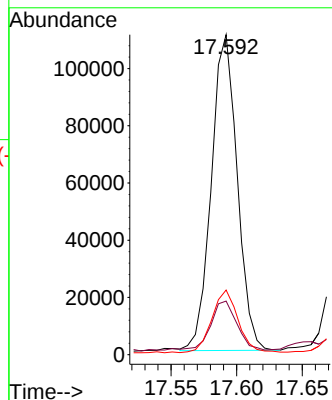
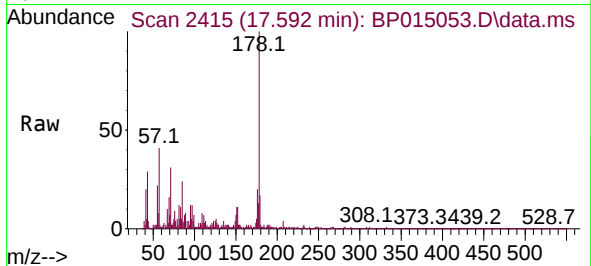
Tgt Ion:178 Resp: 151444

Ion Ratio Lower Upper

178 100

179 16.8 12.2 18.4

176 20.2 15.4 23.0



#74

Anthracene

Concen: 1.364 ng/ul

RT: 17.680 min Scan# 2430

Delta R.T. 0.006 min

Lab File: BP015053.D

Acq: 10 May 2023 21:05

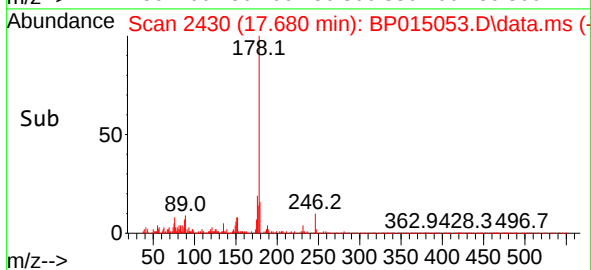
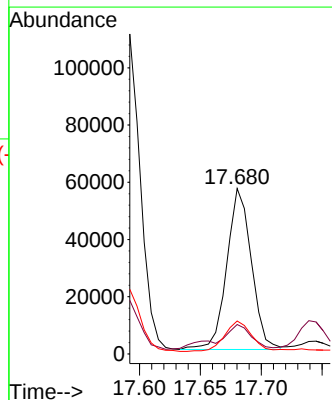
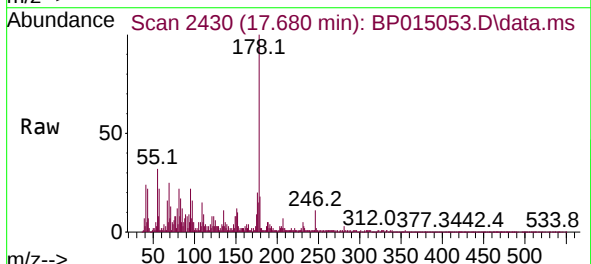
Tgt Ion:178 Resp: 79149

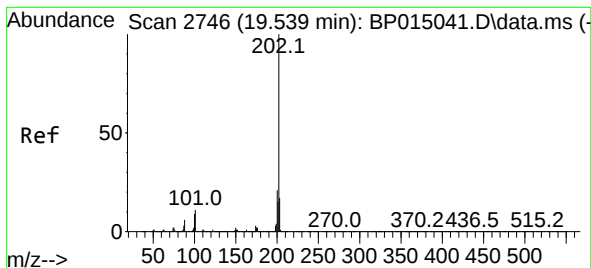
Ion Ratio Lower Upper

178 100

179 17.8 12.6 18.8

176 19.9 15.0 22.4





#80

Fluoranthene

Concen: 6.990 ng/ul

RT: 19.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015053.D

Acq: 10 May 2023 21:05

Instrument :

BNA_P

ClientSampleId :

JREJ6

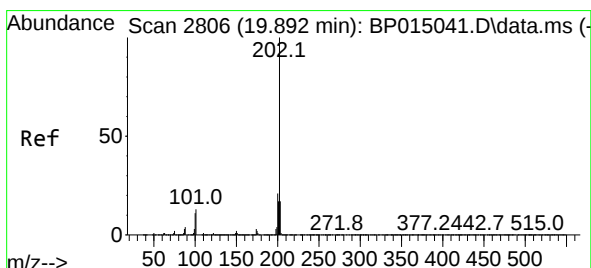
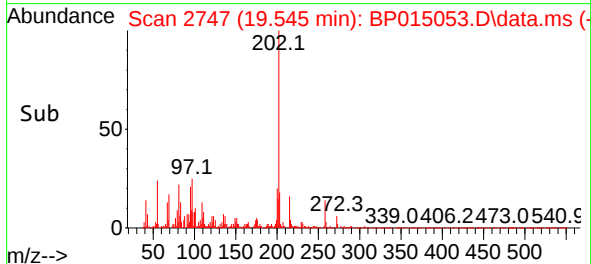
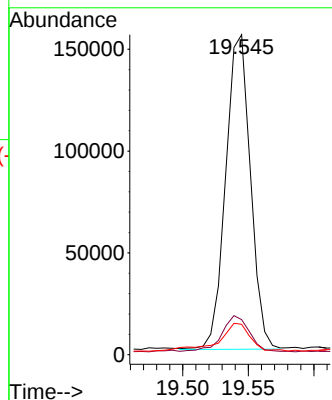
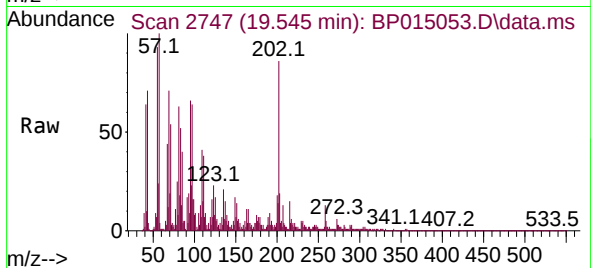
Tgt Ion:202 Resp: 203312

Ion Ratio Lower Upper

202 100

101 10.9 10.1 15.1

100 9.5 7.7 11.5



#82

Pyrene

Concen: 5.146 ng/ul

RT: 19.898 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BP015053.D

Acq: 10 May 2023 21:05

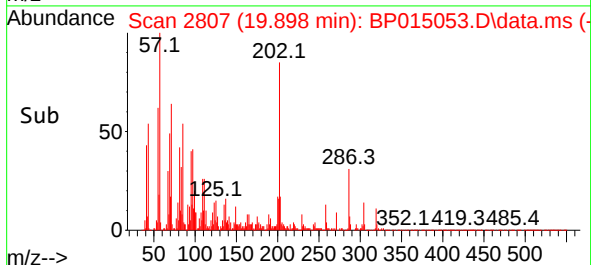
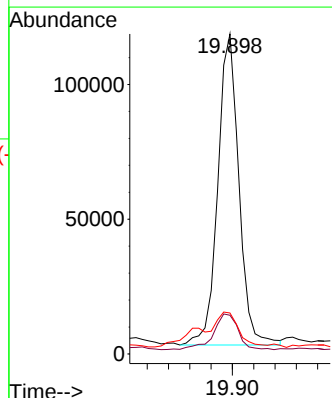
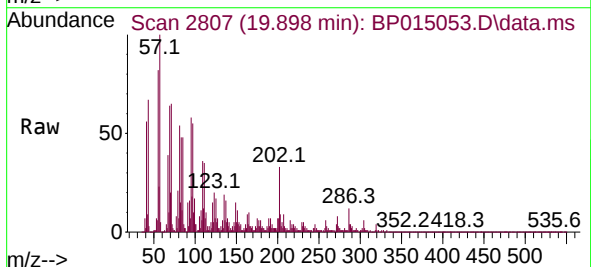
Tgt Ion:202 Resp: 158595

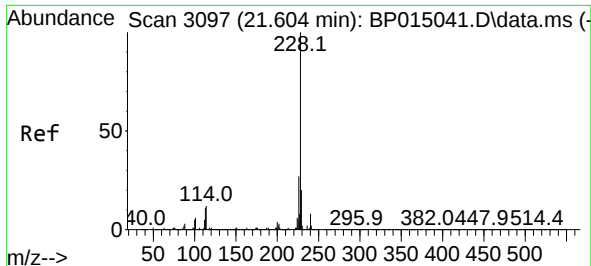
Ion Ratio Lower Upper

202 100

101 12.1 11.9 17.9

100 12.8 9.7 14.5

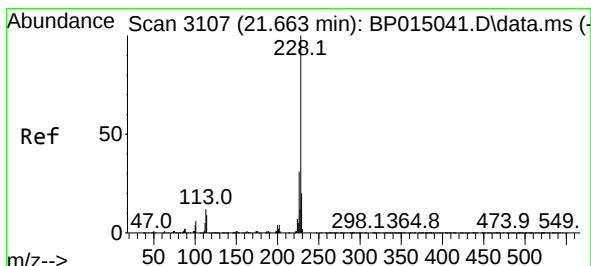
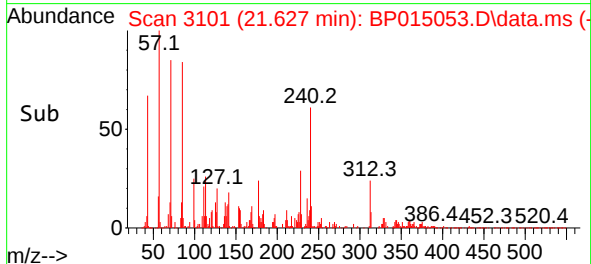
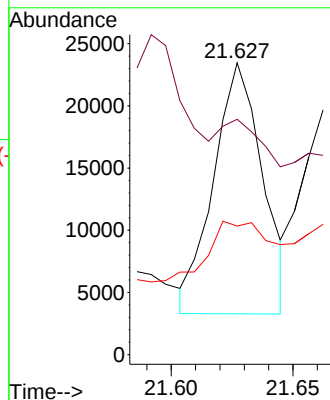
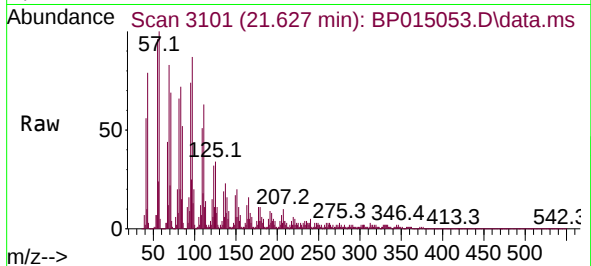




#85
Benzo(a)anthracene
Concen: 1.207 ng/ul
RT: 21.627 min Scan# 3110
Delta R.T. 0.023 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

Instrument :
BNA_P
ClientSampleId :
JREJ6

Tgt Ion:228 Resp: 28312
Ion Ratio Lower Upper
228 100
229 80.6 15.9 23.9#
226 44.1 22.1 33.1#



#87
Chrysene
Concen: 2.488 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. 0.023 min
Lab File: BP015053.D
Acq: 10 May 2023 21:05

Tgt Ion:228 Resp: 58781
Ion Ratio Lower Upper
228 100
226 42.1 24.3 36.5#
229 60.3 15.8 23.8#

