

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015680.D
 Acq On : 23 Jun 2023 20:01
 Operator : MA/JU
 Sample : 03084-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN2

Quant Time: Jun 23 22:37:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	151662	20.000	ng/ul	0.00
20) Naphthalene-d8	10.905	136	568285	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	295972	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	593653	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	597441	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	729632	20.000	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	22153	5.409	ng/uL	0.00
4) Pyridine-d5	3.846	84	640	0.060	ng/ul	0.00
7) Phenol-d5	7.246	99	375087	26.845	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	261308	31.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	323339	31.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	236067	20.586	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	154946	34.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	176800	34.700	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	267851	28.819	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	173872	13.033	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	802802	34.397	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	898867	35.221	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	74458	17.815	ng/ul	0.02
60) Fluorene-d10	15.728	176	632486	32.136	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	83364	22.166	ng/ul	0.01
73) Anthracene-d10	17.592	188	869815	32.203	ng/ul	0.00
81) Pyrene-d10	19.822	212	1141971	35.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1264475	34.539	ng/ul	0.00

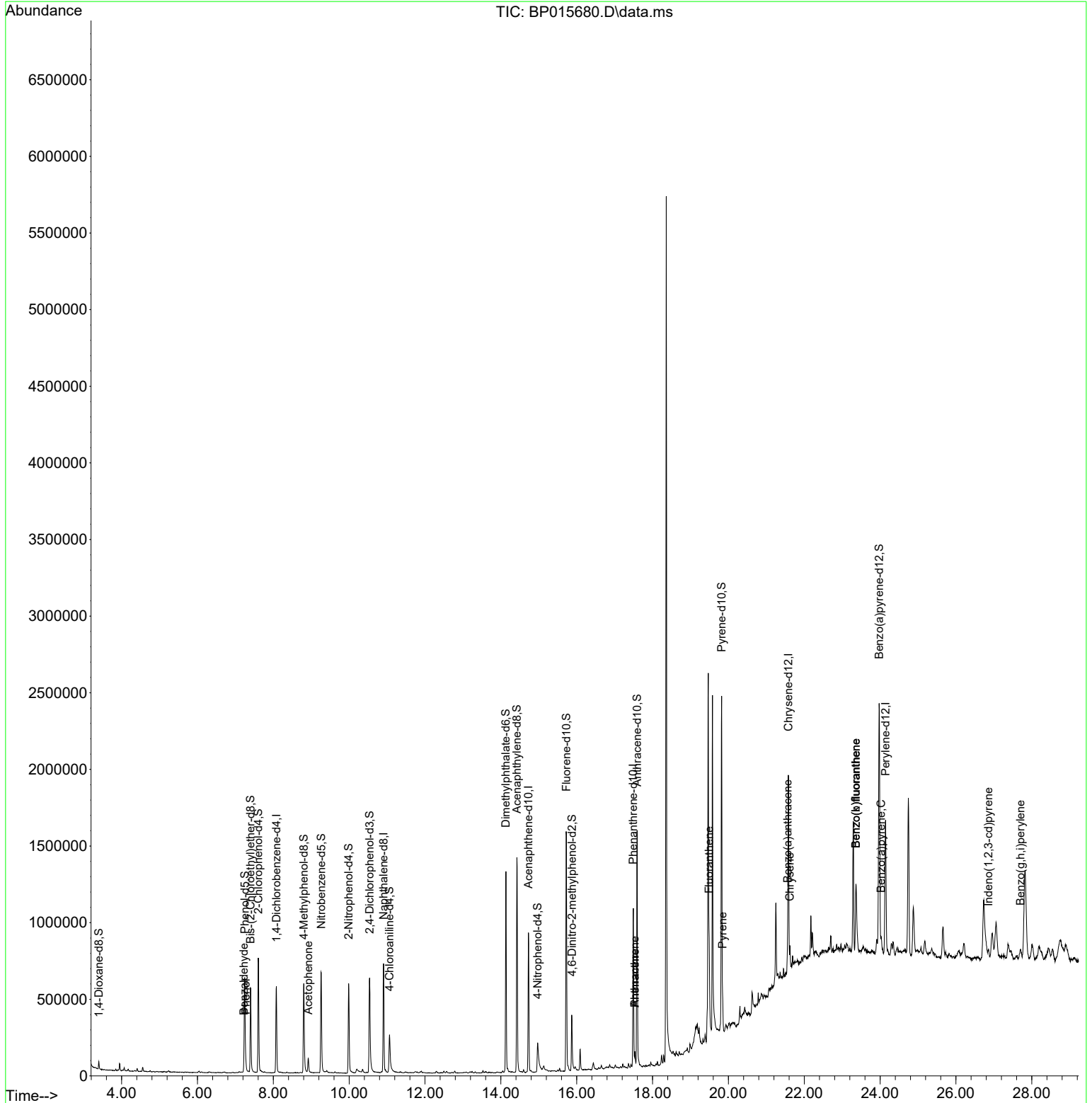
Target Compounds					Qvalue
6) Benzaldehyde	7.222	77	9364	1.753	ng/ul 87
8) Phenol	7.275	94	18458	1.281	ng/ul# 77
16) Acetophenone	8.922	105	51291	2.803	ng/ul 98
72) Phenanthrene	17.534	178	50782	1.594	ng/ul 97
74) Anthracene	17.534	178	51289	1.587	ng/ul 96
80) Fluoranthene	19.492	202	131913	3.387	ng/ul# 95
82) Pyrene	19.845	202	118590	2.943	ng/ul 99
85) Benzo(a)anthracene	21.563	228	77500	1.856	ng/ul 97
87) Chrysene	21.622	228	88046	2.230	ng/ul 97
90) Benzo(b)fluoranthene	23.357	252	141585	3.006	ng/ul# 89
91) Benzo(k)fluoranthene	23.357	252	141585	3.110	ng/ul# 90
93) Benzo(a)pyrene	24.027	252	82888	2.019	ng/ul# 89
94) Indeno(1,2,3-cd)pyrene	26.857	276	76964	1.448	ng/ul 97
96) Benzo(g,h,i)perylene	27.704	276	74058	1.691	ng/ul 97

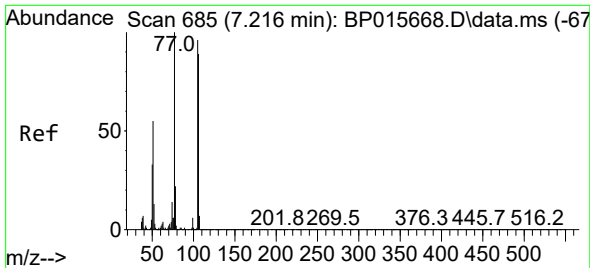
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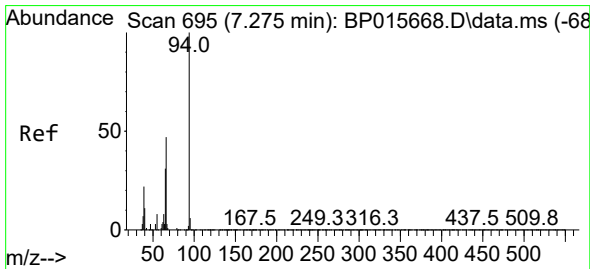
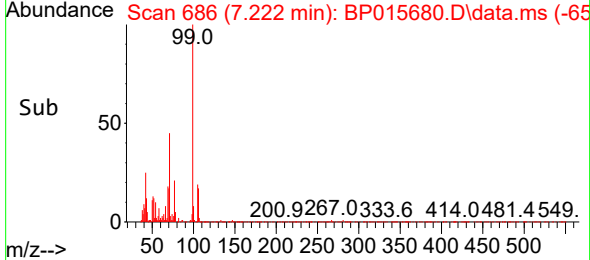
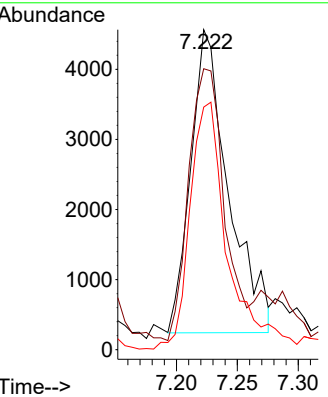
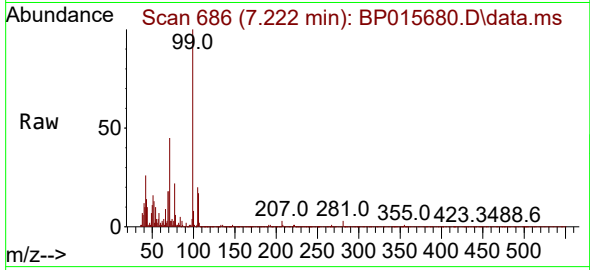


#6
 Benzaldehyde
 Concen: 1.753 ng/uI
 RT: 7.222 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Instrument :
 BNA_P
 ClientSampleId :
 DCFN2

Tgt Ion: 77 Resp: 9364

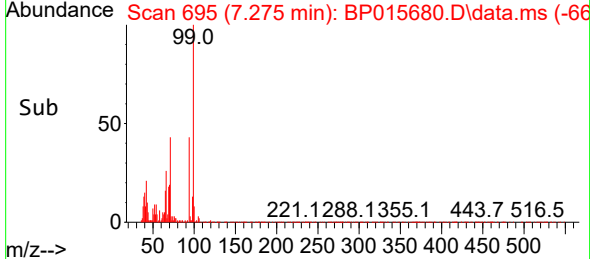
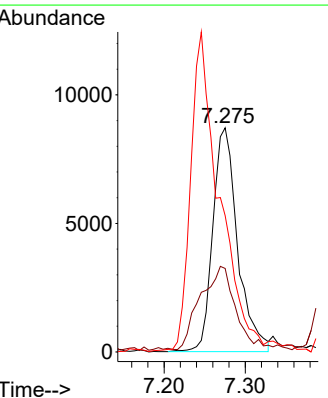
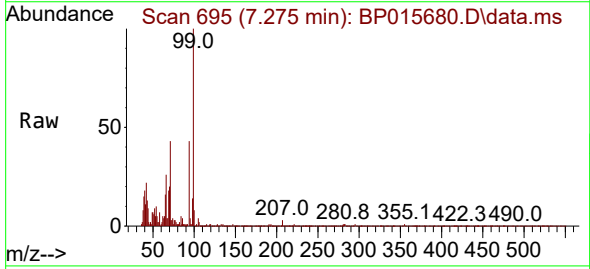
Ion	Ratio	Lower	Upper
77	100		
105	87.8	77.3	115.9
106	75.8	73.3	109.9

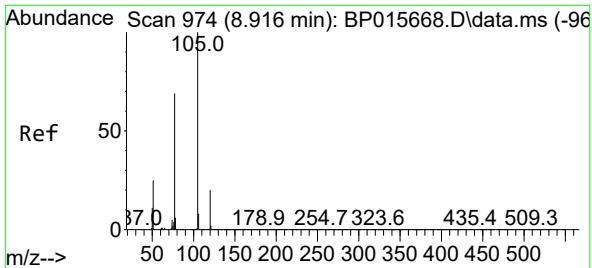


#8
 Phenol
 Concen: 1.281 ng/uI
 RT: 7.275 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Tgt Ion: 94 Resp: 18458

Ion	Ratio	Lower	Upper
94	100		
65	37.3	23.5	35.3#
66	60.8	34.2	51.4#

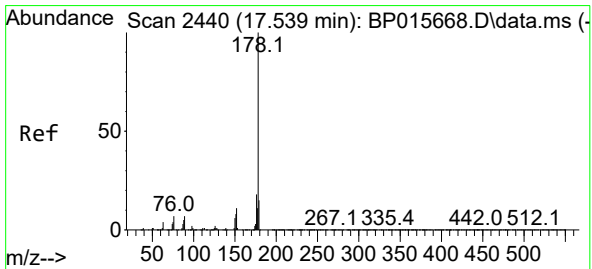
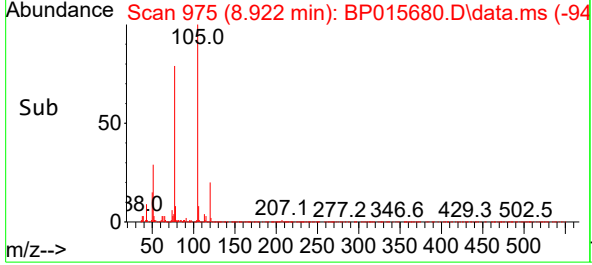
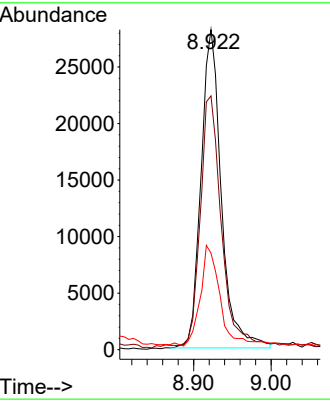
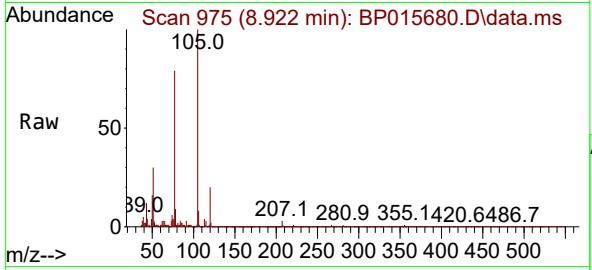




#16
 Acetophenone
 Concen: 2.803 ng/u1
 RT: 8.922 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

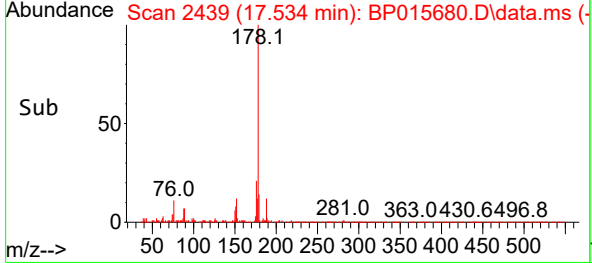
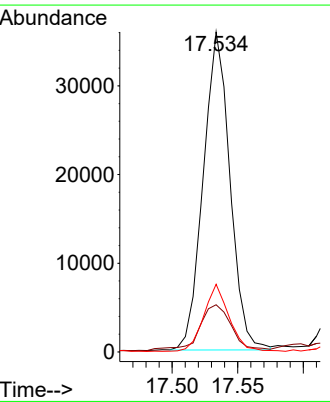
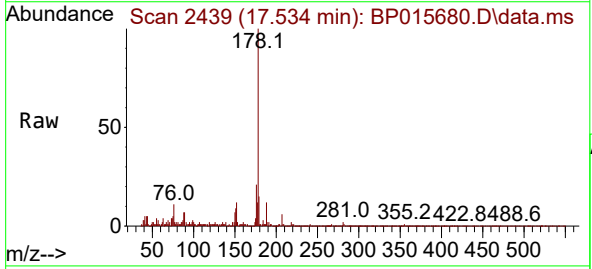
Instrument : BNA_P
 ClientSampleId : DCFN2

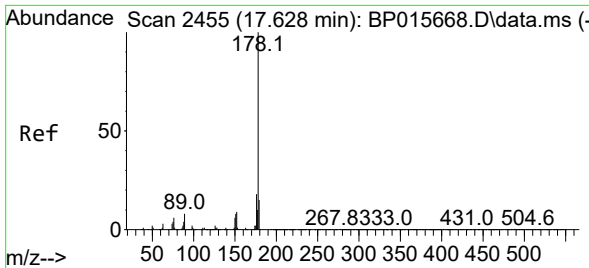
Tgt Ion	Resp	Lower	Upper
105	100		
77	79.3	64.9	97.3
51	30.2	23.5	35.3



#72
 Phenanthrene
 Concen: 1.594 ng/u1
 RT: 17.534 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Tgt Ion	Resp	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	21.1	15.4	23.0

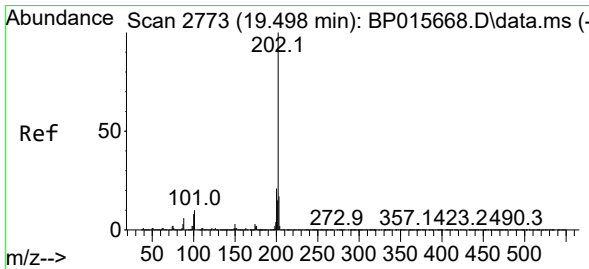
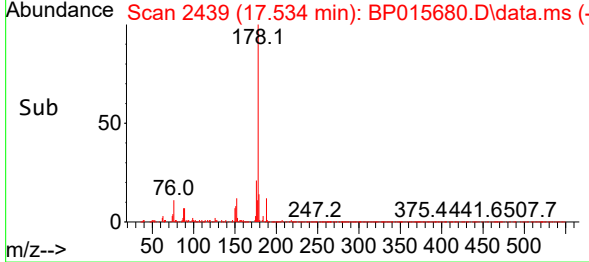
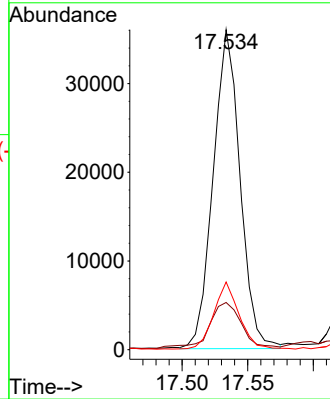
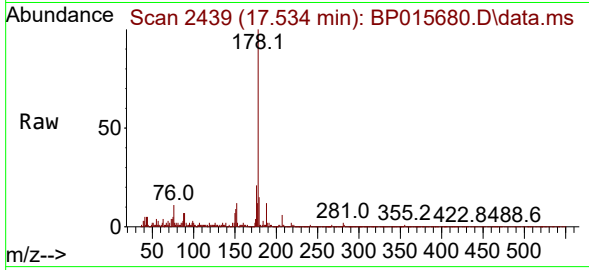




#74
 Anthracene
 Concen: 1.587 ng/u1
 RT: 17.534 min Scan# 2439
 Delta R.T. -0.094 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

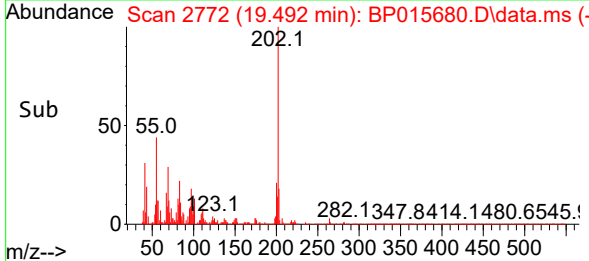
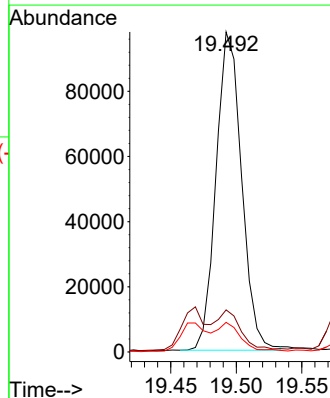
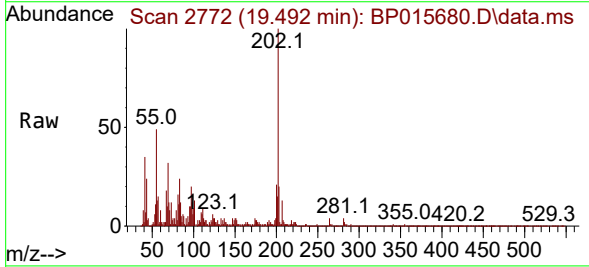
Instrument :
 BNA_P
 ClientSampleId :
 DCFN2

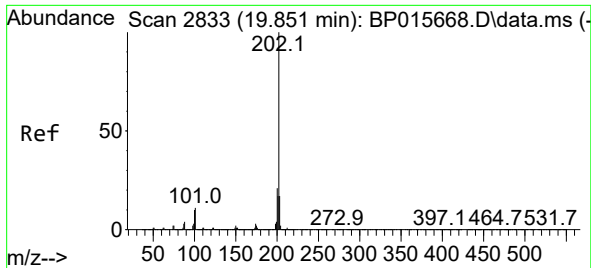
Tgt Ion	Resp	Lower	Upper
178	51289		
179	14.7	12.4	18.6
176	21.1	15.0	22.4



#80
 Fluoranthene
 Concen: 3.387 ng/u1
 RT: 19.492 min Scan# 2772
 Delta R.T. 0.000 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Tgt Ion	Resp	Lower	Upper
202	131913		
101	13.2	8.6	13.0
100	9.3	6.6	9.8



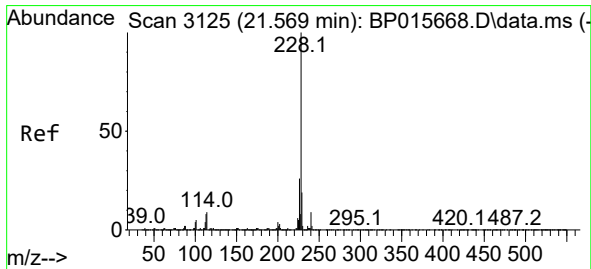
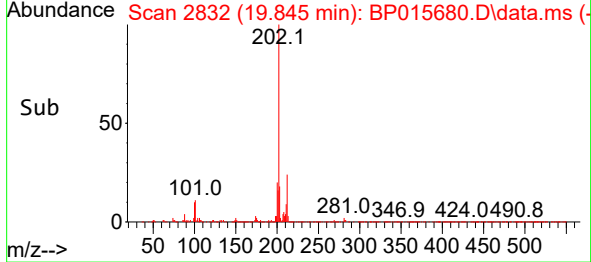
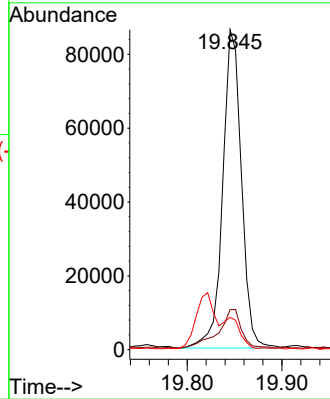
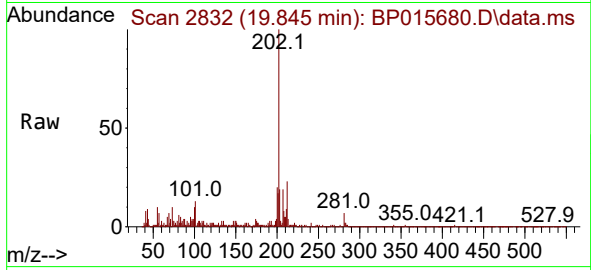


#82
 Pyrene
 Concen: 2.943 ng/uI
 RT: 19.845 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Instrument :
 BNA_P
 ClientSampleId :
 DCFN2

Tgt Ion:202 Resp: 118590

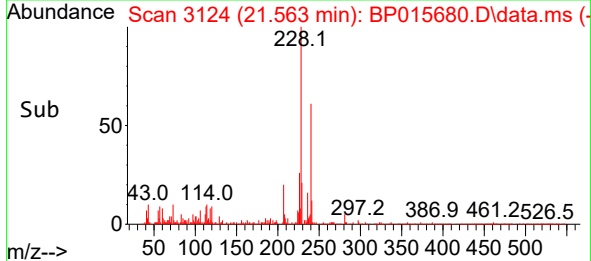
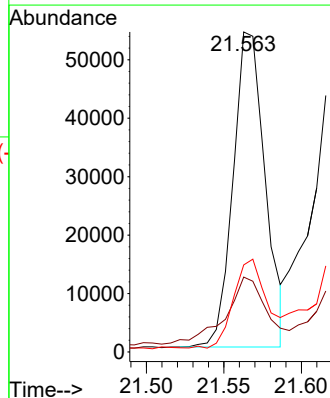
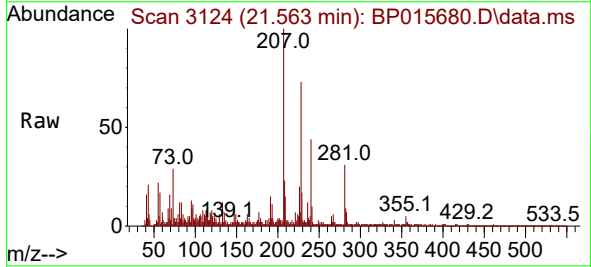
Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.9	14.9
100	10.1	8.4	12.6

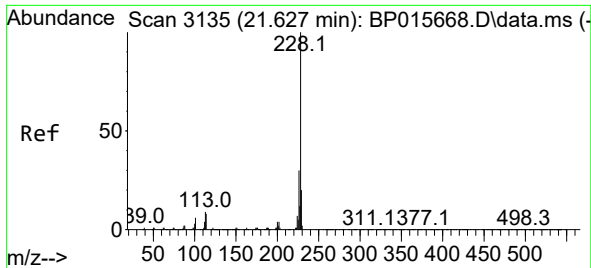


#85
 Benzo(a)anthracene
 Concen: 1.856 ng/uI
 RT: 21.563 min Scan# 3124
 Delta R.T. 0.000 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Tgt Ion:228 Resp: 77500

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.8	23.6
226	27.2	21.8	32.6

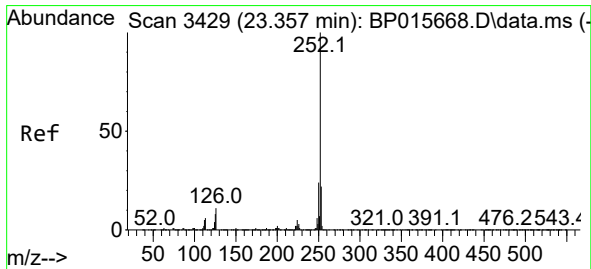
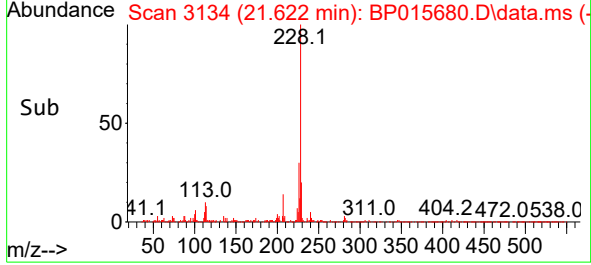
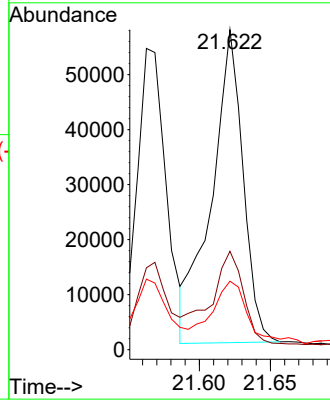
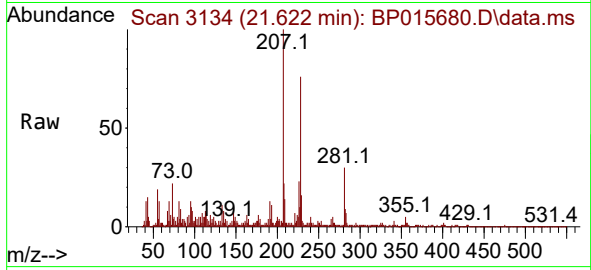




#87
 Chrysene
 Concen: 2.230 ng/u1
 RT: 21.622 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

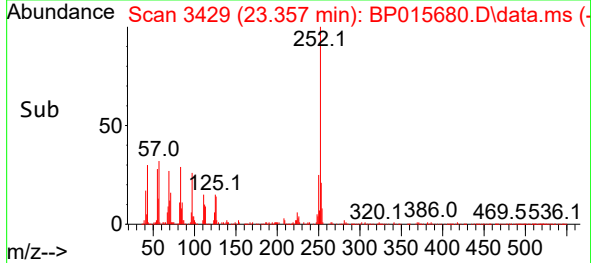
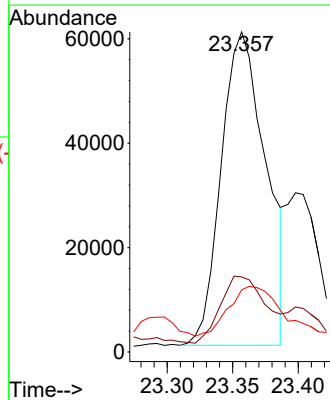
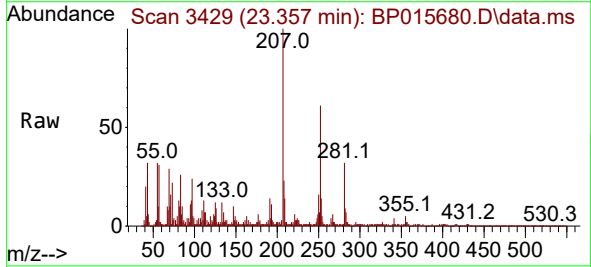
Instrument :
 BNA_P
 Client Sampled :
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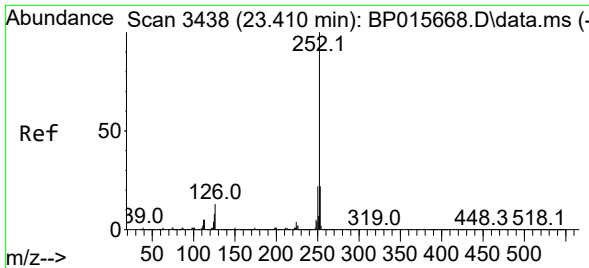
Tgt Ion	Resp	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	21.4	15.1	22.7



#90
 Benzo(b)fluoranthene
 Concen: 3.006 ng/u1
 RT: 23.357 min Scan# 3429
 Delta R.T. 0.012 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	19.4	7.3	10.9



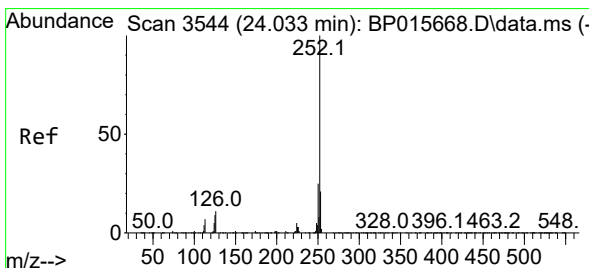
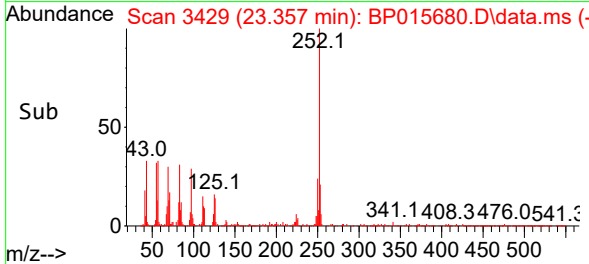
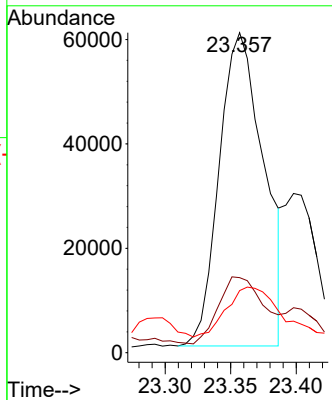
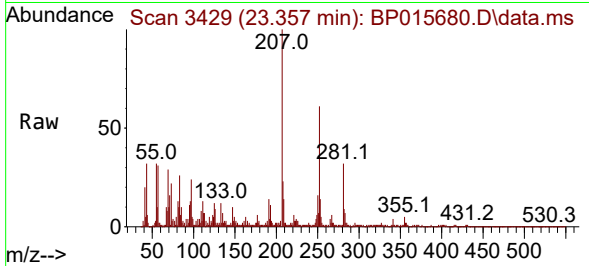


#91
 Benzo(k)fluoranthene
 Concen: 3.110 ng/u1
 RT: 23.357 min Scan# 3438
 Delta R.T. -0.041 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Instrument :
 BNA_P
 ClientSampleId :
 DCFN2

Tgt Ion:252 Resp: 141585

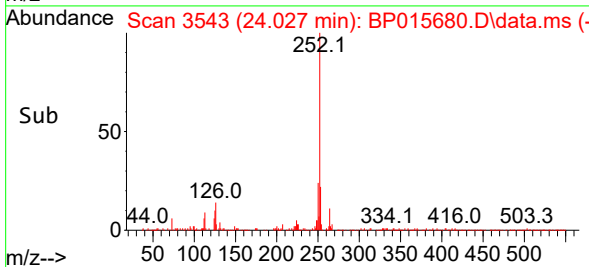
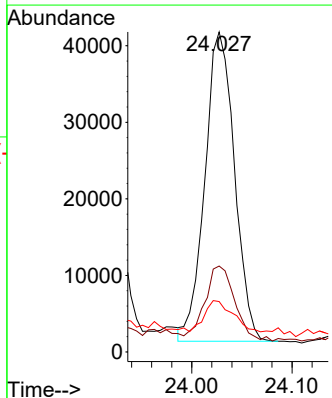
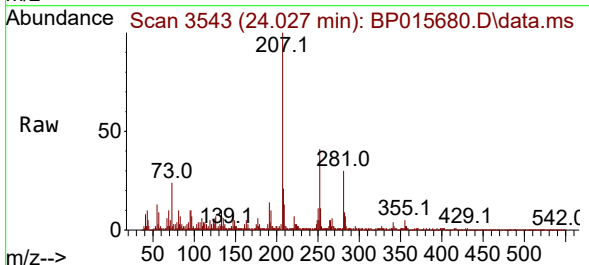
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	19.4	7.3	10.9#

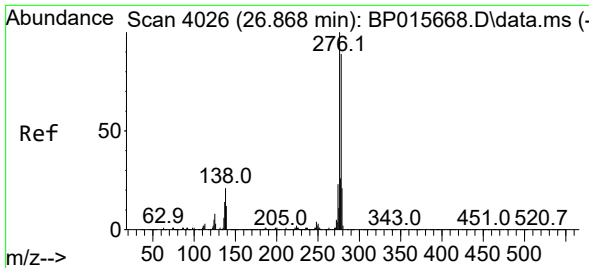


#93
 Benzo(a)pyrene
 Concen: 2.019 ng/u1
 RT: 24.027 min Scan# 3543
 Delta R.T. 0.006 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Tgt Ion:252 Resp: 82888

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.8	26.6#
125	15.8	8.1	12.1#

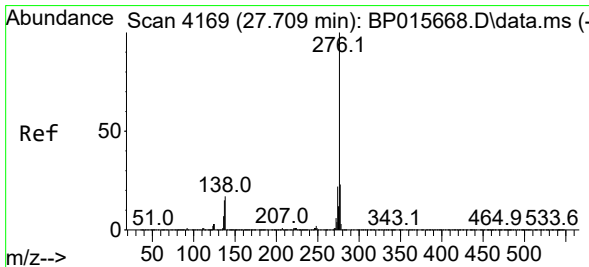
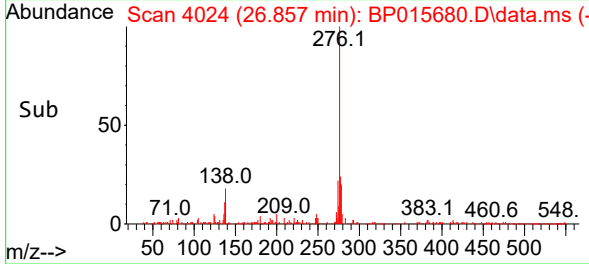
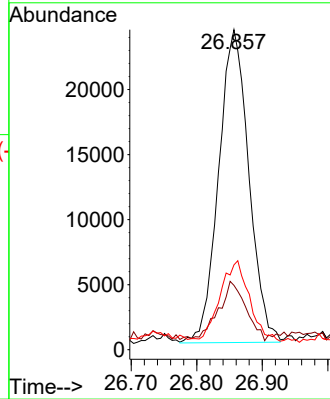
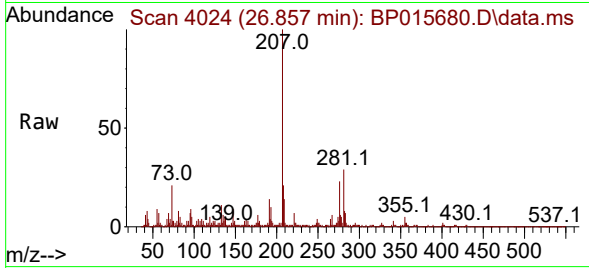




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.448 ng/ul
 RT: 26.857 min Scan# 4026
 Delta R.T. 0.018 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Instrument :
 BNA_P
 ClientSampleId :
 DCFN2

Tgt Ion	Resp	Lower	Upper
276	100		
138	20.1	17.3	25.9
277	26.5	20.2	30.2



#96
 Benzo(g,h,i)perylene
 Concen: 1.691 ng/ul
 RT: 27.704 min Scan# 4168
 Delta R.T. 0.024 min
 Lab File: BP015680.D
 Acq: 23 Jun 2023 20:01

Tgt Ion	Resp	Lower	Upper
276	100		
138	18.5	15.6	23.4
277	25.3	19.0	28.6

