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 Data File : BP015844.D
 Acq On : 30 Jun 2023 15:06
 Operator : MA/JU
 Sample : 03161-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFW2

Quant Time: Jun 30 22:33:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

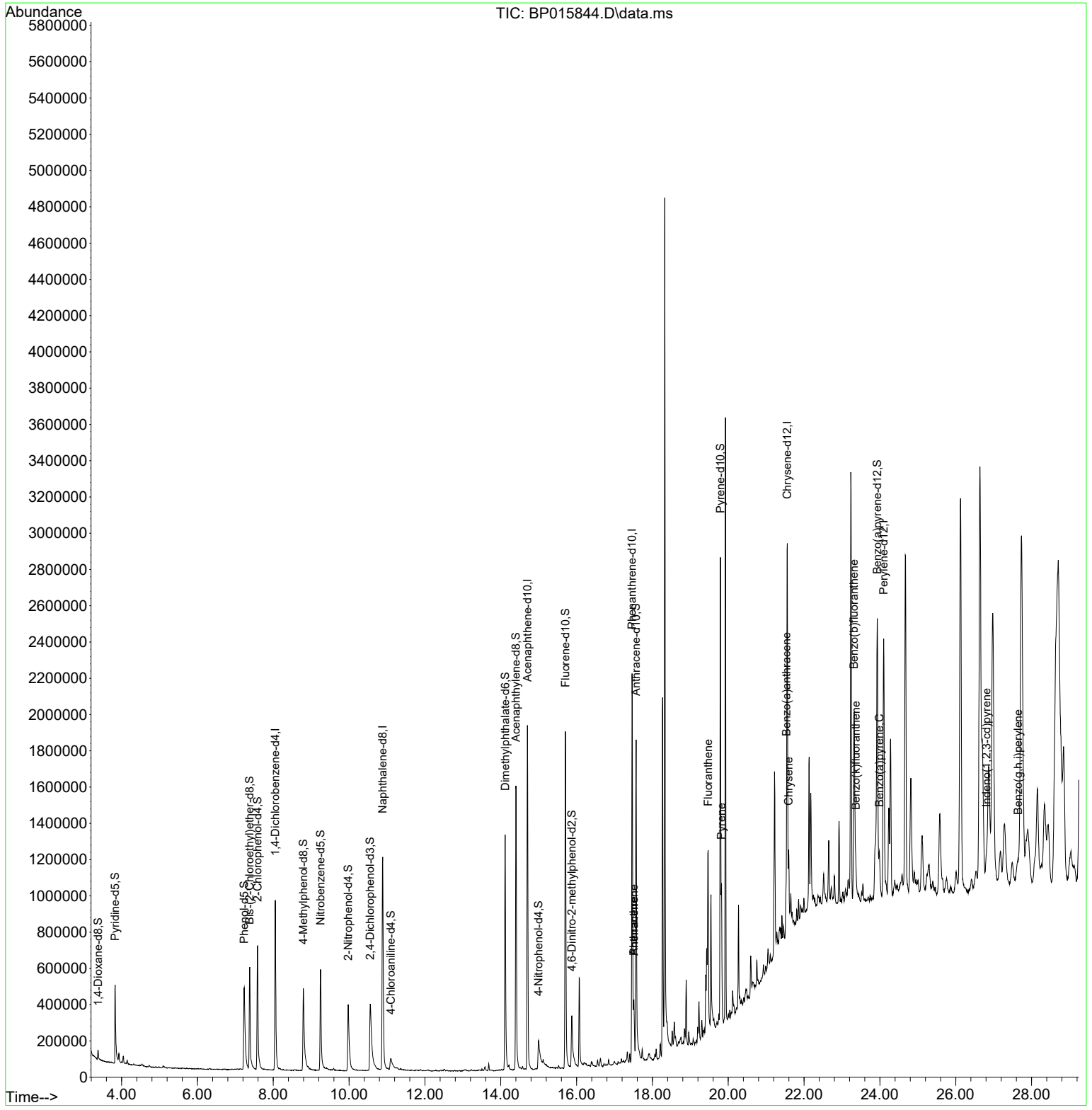
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	281365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1172835	20.000	ng/ul #	0.01
38) Acenaphthene-d10	14.704	164	659234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1276602	20.000	ng/ul #	0.00
79) Chrysene-d12	21.557	240	989906	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1210274	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24192	3.093	ng/uL	0.00
4) Pyridine-d5	3.828	84	248152	12.588	ng/ul	0.00
7) Phenol-d5	7.234	99	422406	17.546	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	301117	20.217	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	350405	19.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	269898	14.192	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	168739	18.826	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	177940	17.010	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	282752	15.168	ng/ul	0.04
31) 4-Chloroaniline-d4	11.104	131	89321	3.730	ng/ul	0.07
46) Dimethylphthalate-d6	14.116	166	990500	19.439	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1105874	19.307	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	88354	13.140	ng/ul	0.05
60) Fluorene-d10	15.704	176	821557	19.582	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	96213	12.255	ng/ul	0.02
73) Anthracene-d10	17.569	188	1143444	19.609	ng/ul	0.00
81) Pyrene-d10	19.792	212	1258402	19.468	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1247004	20.425	ng/ul	0.00
Target Compounds						
72) Phenanthrene	17.510	178	155737	2.246	ng/ul	99
74) Anthracene	17.510	178	155890	2.237	ng/ul	98
80) Fluoranthene	19.469	202	500902	6.235	ng/ul#	92
82) Pyrene	19.822	202	400367	4.886	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	183331	2.633	ng/ul	97
87) Chrysene	21.592	228	250883	3.797	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	387421	4.982	ng/ul#	87
91) Benzo(k)fluoranthene	23.363	252	116045	1.477	ng/ul#	91
93) Benzo(a)pyrene	23.986	252	212357	3.125	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	26.810	276	197015	2.136	ng/ul#	96
96) Benzo(g,h,i)perylene	27.645	276	184835	2.436	ng/ul#	91

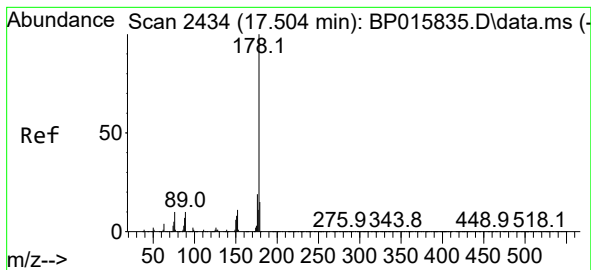
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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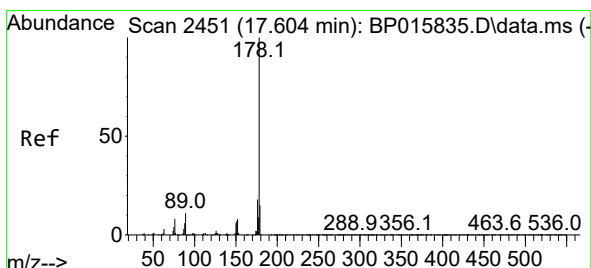
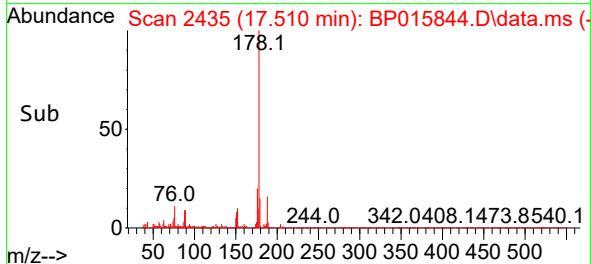
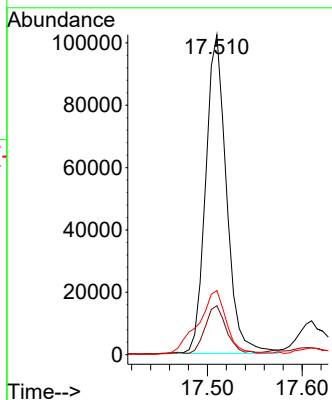
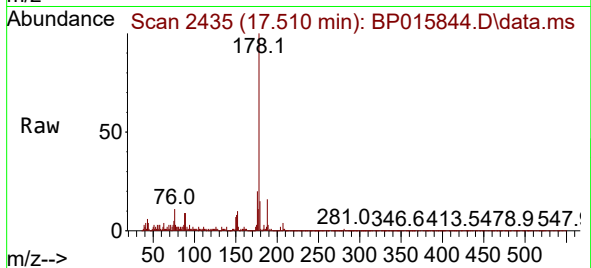




#72
 Phenanthrene
 Concen: 2.246 ng/u1
 RT: 17.510 min Scan# 2435
 Delta R.T. 0.006 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

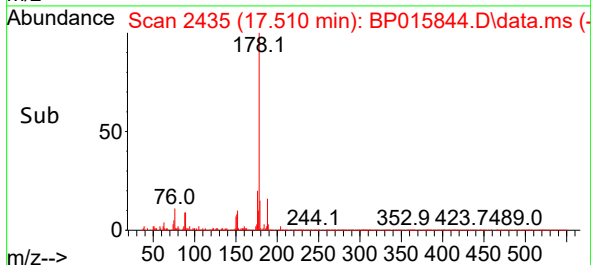
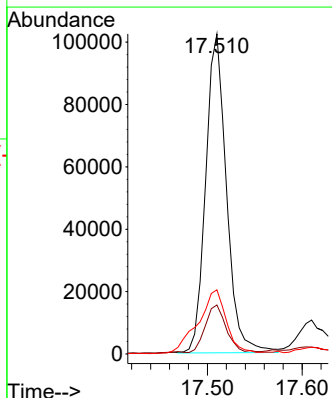
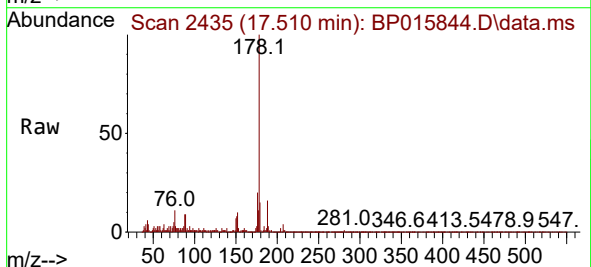
Instrument :
 BNA_P
 ClientSampleId :
 DCFW2

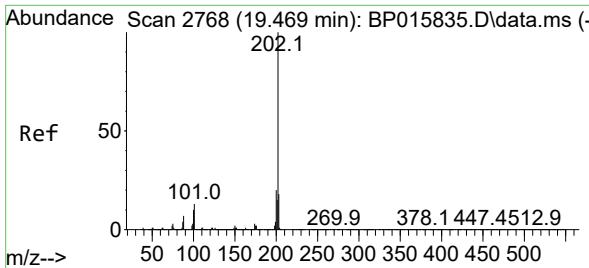
Tgt Ion:178 Resp: 155737
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.4 18.6
 176 20.0 15.6 23.4



#74
 Anthracene
 Concen: 2.237 ng/u1
 RT: 17.510 min Scan# 2435
 Delta R.T. -0.094 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

Tgt Ion:178 Resp: 155890
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.1 18.1
 176 20.0 14.6 22.0

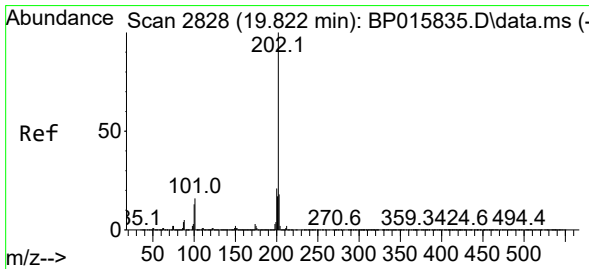
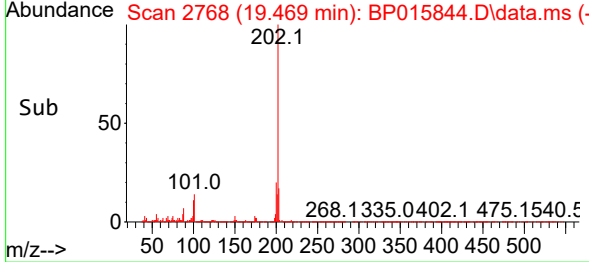
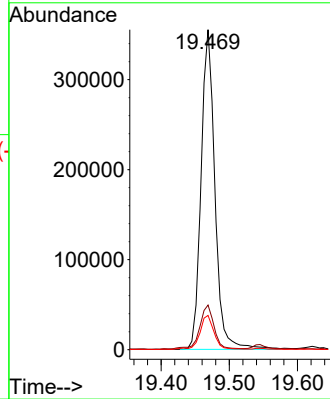
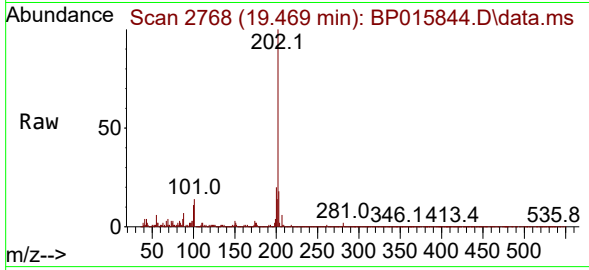




#80
 Fluoranthene
 Concen: 6.235 ng/u1
 RT: 19.469 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

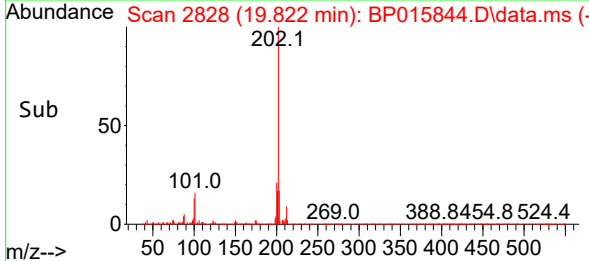
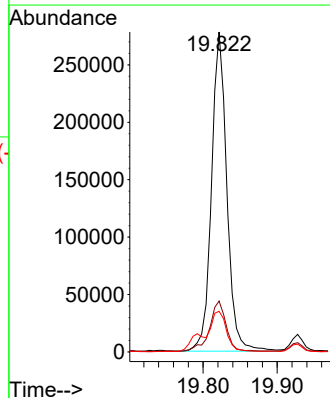
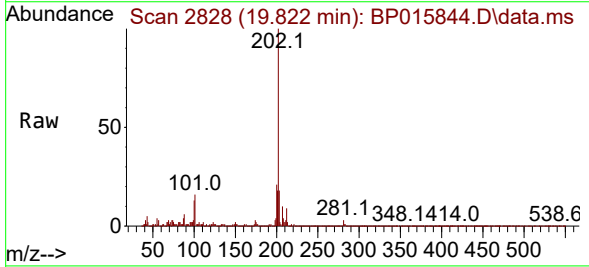
Instrument :
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 ClientSampleId :
 DCFW2

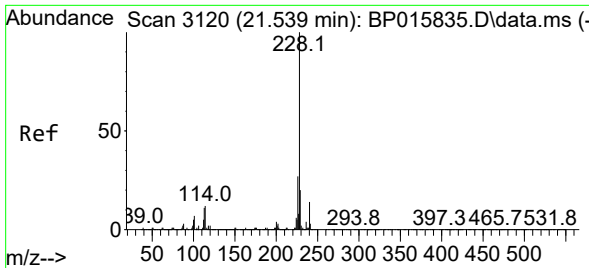
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	8.3	12.5#
100	10.7	6.6	9.8#



#82
 Pyrene
 Concen: 4.886 ng/u1
 RT: 19.822 min Scan# 2828
 Delta R.T. 0.000 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.3	13.9#
100	12.7	7.6	11.4#



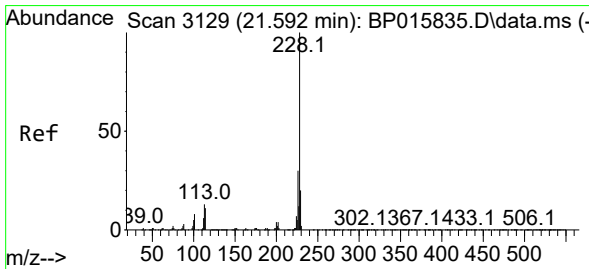
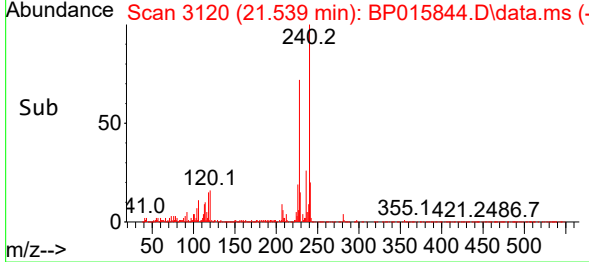
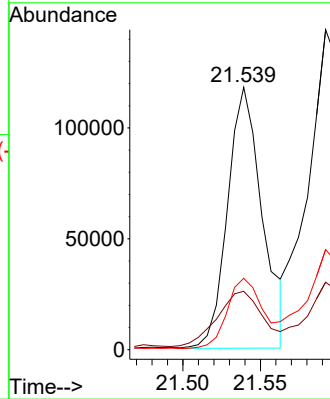
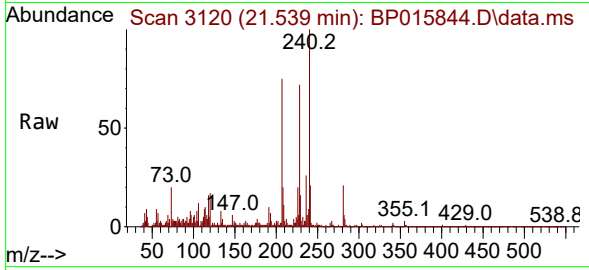


#85
 Benzo(a)anthracene
 Concen: 2.633 ng/u1
 RT: 21.539 min Scan# 3120
 Delta R.T. 0.000 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

Instrument :
 BNA_P
 ClientSampleId :
 DCFW2

Tgt Ion:228 Resp: 183331

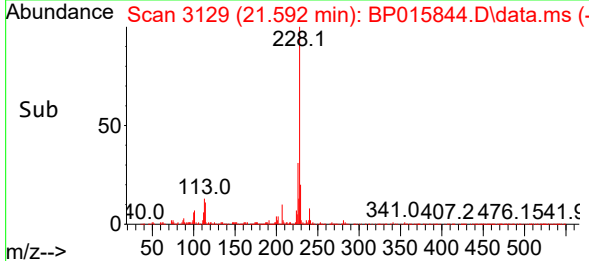
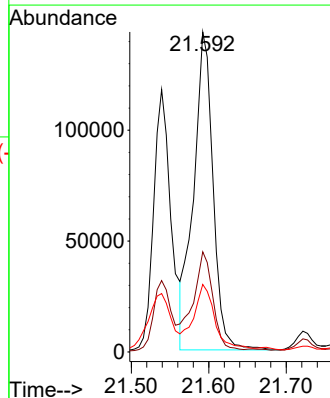
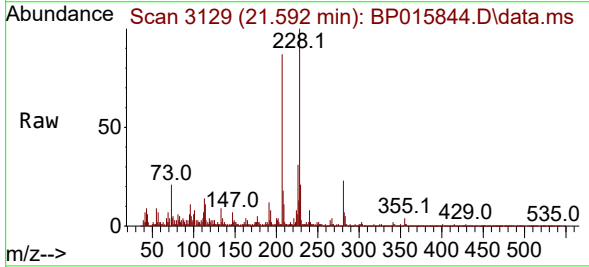
Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.3	22.9
226	27.2	21.4	32.0

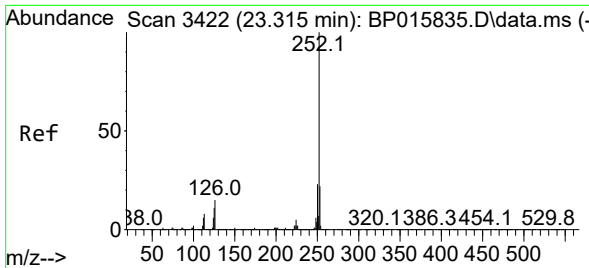


#87
 Chrysene
 Concen: 3.797 ng/u1
 RT: 21.592 min Scan# 3129
 Delta R.T. 0.000 min
 Lab File: BP015844.D
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Tgt Ion:228 Resp: 250883

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	21.1	15.5	23.3

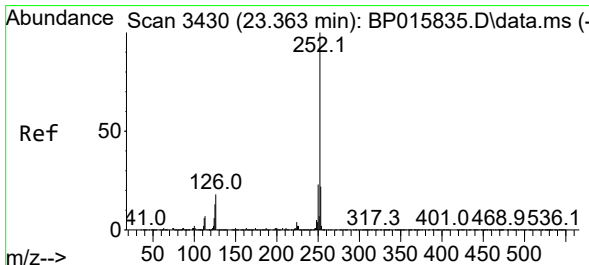
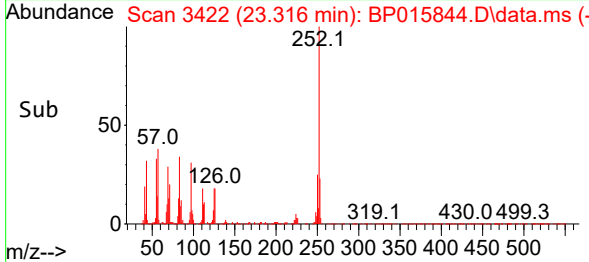
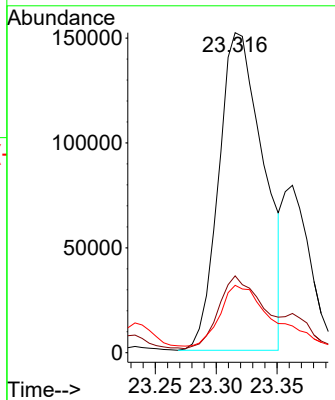
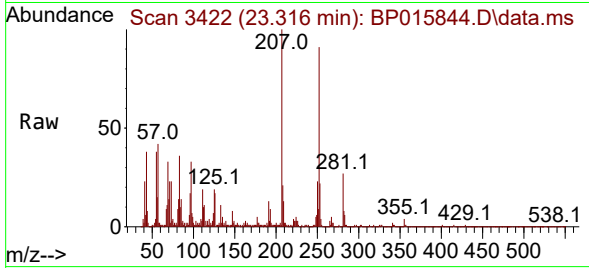




#90
 Benzo(b)fluoranthene
 Concen: 4.982 ng/ul
 RT: 23.316 min Scan# 3422
 Delta R.T. 0.000 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

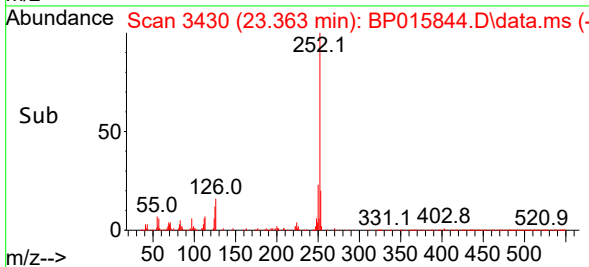
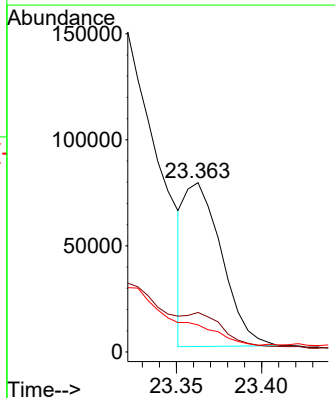
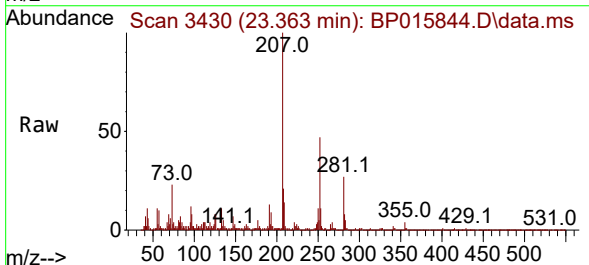
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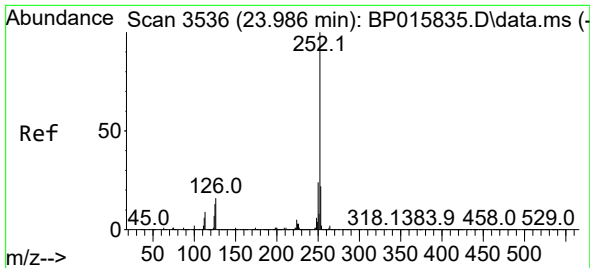
Tgt Ion:252 Resp: 387421
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.3 25.9
 125 21.1 7.5 11.3#



#91
 Benzo(k)fluoranthene
 Concen: 1.477 ng/ul
 RT: 23.363 min Scan# 3430
 Delta R.T. 0.000 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

Tgt Ion:252 Resp: 116045
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.0 25.4
 125 16.0 7.3 10.9#

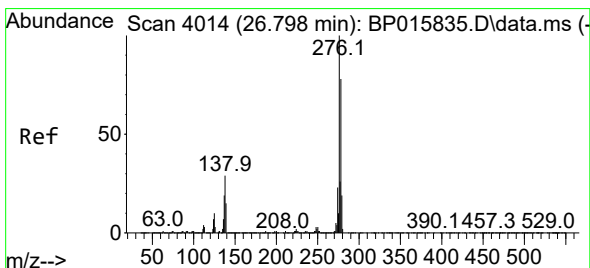
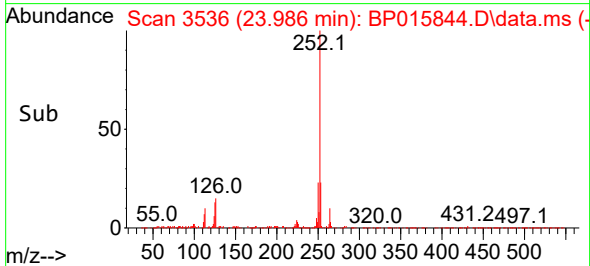
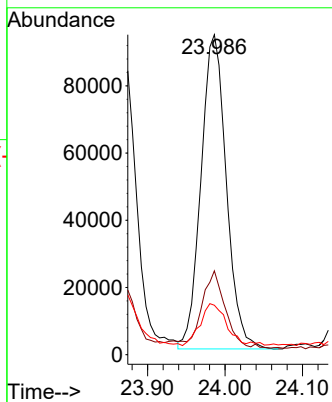
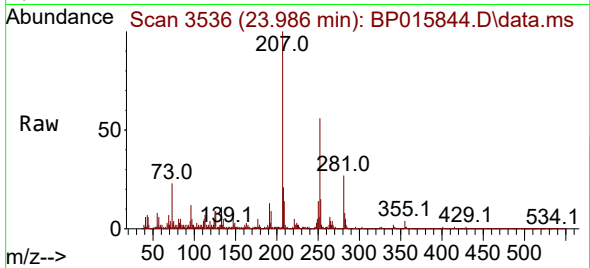




#93
 Benzo(a)pyrene
 Concen: 3.125 ng/u1
 RT: 23.986 min Scan# 3536
 Delta R.T. 0.000 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

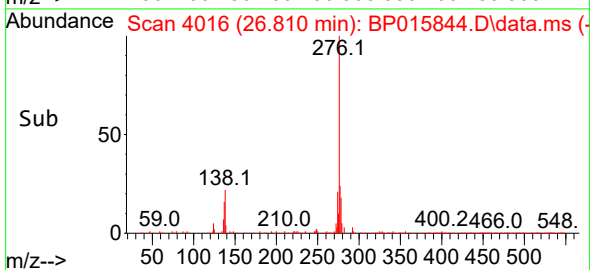
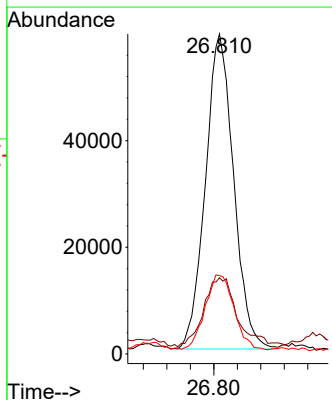
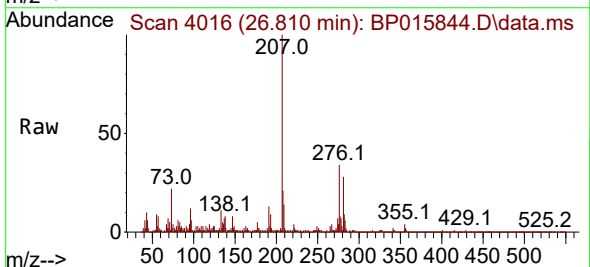
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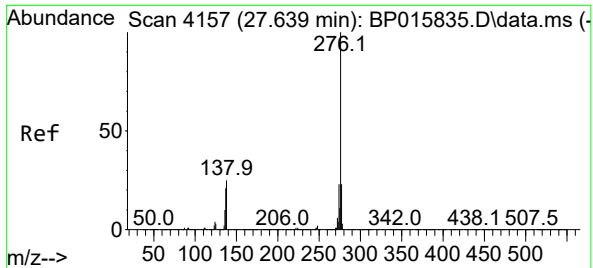
Tgt Ion	Resp	Lower	Upper
252	100		
253	26.2	17.7	26.5
125	15.4	8.2	12.2#



#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.136 ng/u1
 RT: 26.810 min Scan# 4016
 Delta R.T. 0.012 min
 Lab File: BP015844.D
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Tgt Ion	Resp	Lower	Upper
276	100		
138	23.8	15.7	23.5#
277	24.5	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.436 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.006 min
 Lab File: BP015844.D
 Acq: 30 Jun 2023 15:06

Instrument : BNA_P
 ClientSampleId : DCFW2

Tgt Ion: 276 Resp: 184835

Ion	Ratio	Lower	Upper
276	100		
138	27.7	15.1	22.7#
277	24.0	18.8	28.2

