

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
 Data File : BP006612.D
 Acq On : 09 Aug 2021 14:26
 Operator : CG/JU
 Sample : M3169-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00A5

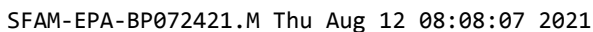
Quant Time: Aug 09 16:03:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 07 13:59:25 2021
 Response via : Initial Calibration

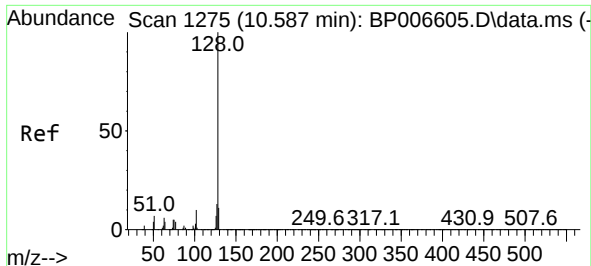
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	225584	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	1032585	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	590120	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	1125580	20.000	ng/u1	0.00
79) Chrysene-d12	21.245	240	1002788	20.000	ng/u1	0.01
88) Perylene-d12	23.586	264	1060934	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	21964	3.634	ng/uL	0.00
4) Pyridine-d5	3.675	84	227628	12.688	ng/u1	0.00
7) Phenol-d5	6.922	99	424876	20.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	296351	22.481	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	344526	21.888	ng/u1	0.00
15) 4-Methylphenol-d8	8.457	113	281736	16.910	ng/u1	0.00
21) Nitrobenzene-d5	8.904	128	190305	24.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	196268	26.735	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	294134	20.446	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	222776	9.406	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	945865	22.521	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	1229731	23.832	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	96732	11.599	ng/u1	0.01
60) Fluorene-d10	15.381	176	837885	23.731	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	76102	12.128	ng/u1	0.01
73) Anthracene-d10	17.239	188	1176772	23.160	ng/u1	0.00
81) Pyrene-d10	19.486	212	1262271	24.473	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.433	264	1221733	22.661	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.581	128	134852	2.517	ng/u1	99
36) 2-Methylnaphthalene	12.198	142	127285	3.467	ng/u1	100
37) 1-Methylnaphthalene	12.416	142	97304	2.633	ng/u1	95
50) Acenaphthylene	14.104	152	101344	2.017	ng/u1	96
72) Phenanthrene	17.181	178	633976	10.489	ng/u1	100
74) Anthracene	17.275	178	103094	1.682	ng/u1	97
80) Fluoranthene	19.157	202	837423	13.176	ng/u1	98
82) Pyrene	19.510	202	741553	11.244	ng/u1	100
85) Benzo(a)anthracene	21.227	228	449884	7.240	ng/u1#	88
86) Bis(2-ethylhexyl)phtha...	21.169	149	47701	1.126	ng/u1#	94
87) Chrysene	21.280	228	723410	12.146	ng/u1#	95
90) Benzo(b)fluoranthene	22.874	252	800968	11.886	ng/u1	97
91) Benzo(k)fluoranthene	22.916	252	217008	3.393	ng/u1#	91
93) Benzo(a)pyrene	23.480	252	587900	9.981	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.004	276	434909	5.768	ng/u1	98
95) Dibenzo(a,h)anthracene	26.009	278	256754	4.021	ng/u1#	78
96) Benzo(g,h,i)perylene	26.745	276	432008	6.935	ng/u1	94

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

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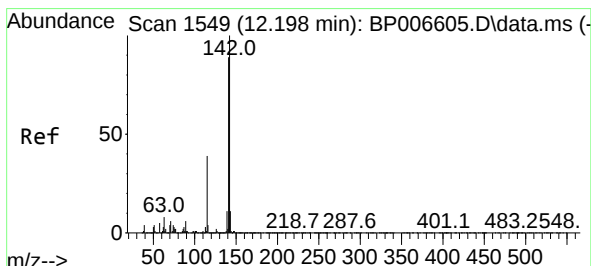
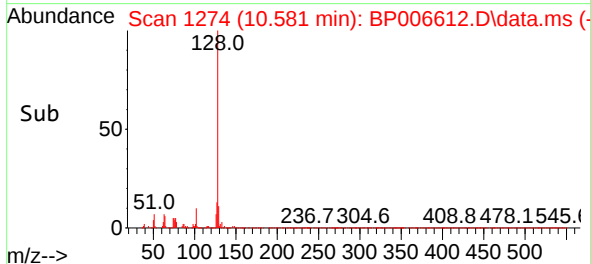
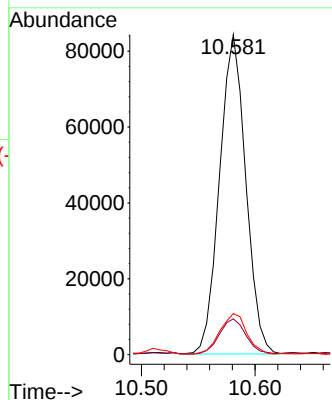
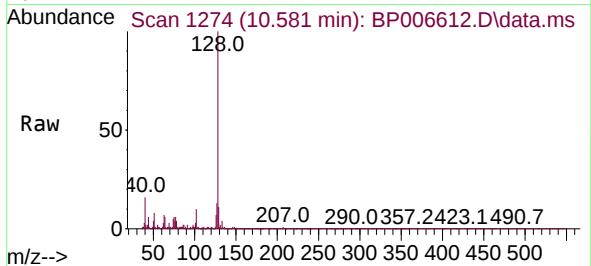




#30
Naphthalene
Concen: 2.517 ng/ul
RT: 10.581 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

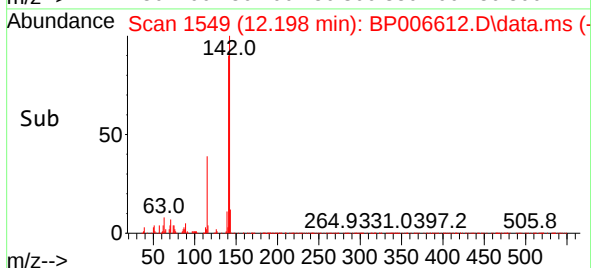
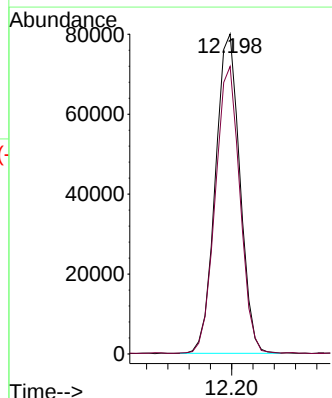
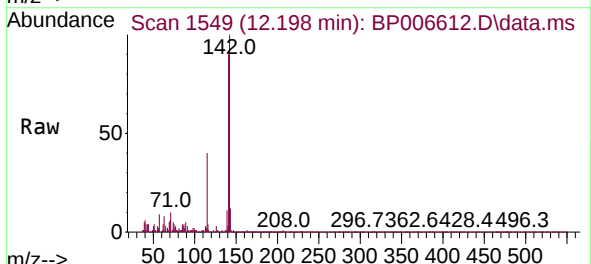
Instrument :
BNA_P
ClientSampleId :
C00A5

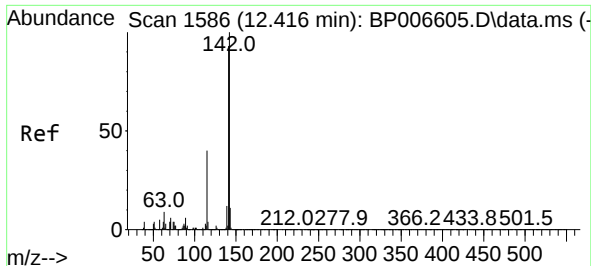
Tgt Ion:128 Resp: 134852
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.8 10.6 15.8



#36
2-Methylnaphthalene
Concen: 3.467 ng/ul
RT: 12.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

Tgt Ion:142 Resp: 127285
Ion Ratio Lower Upper
142 100
141 89.8 71.5 107.3

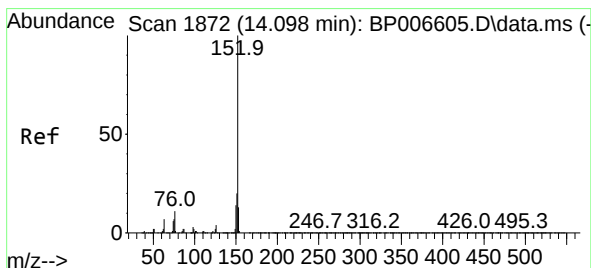
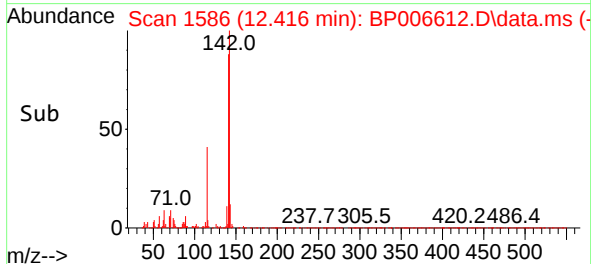
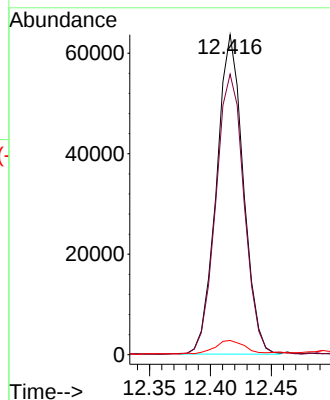
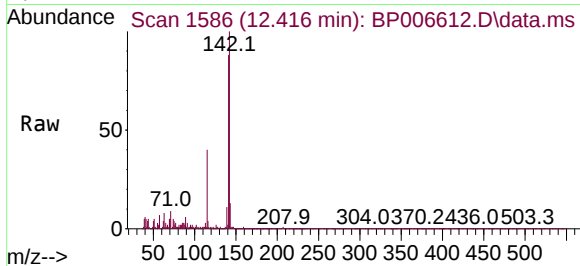




#37
1-Methylnaphthalene
Concen: 2.633 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

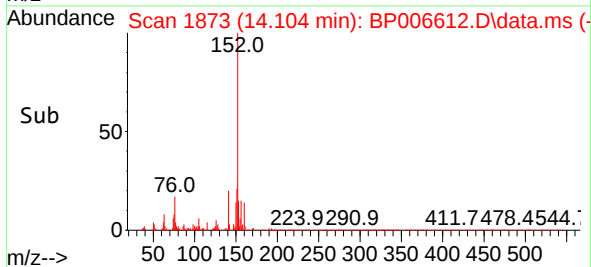
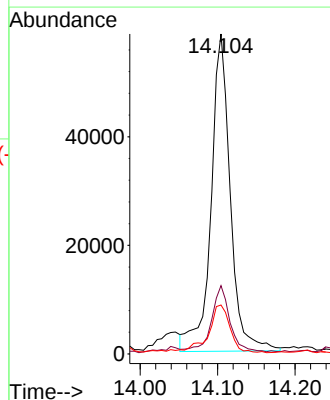
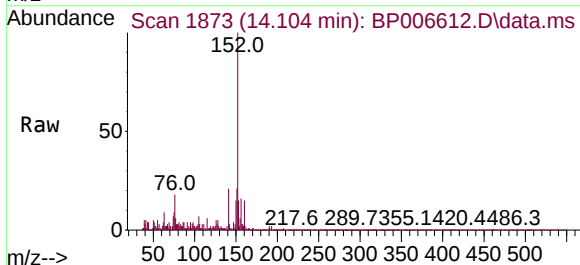
Instrument :
BNA_P
ClientSampleId :
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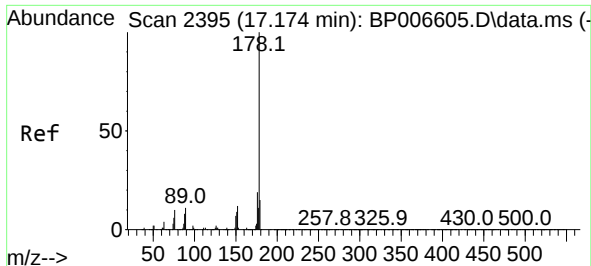
Tgt Ion:	142	Resp:	97304
Ion Ratio	Lower	Upper	
142	100		
141	87.7	74.4	111.6
116	4.5	3.3	4.9



#50
Acenaphthylene
Concen: 2.017 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

Tgt Ion:	152	Resp:	101344
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.0	24.0
153	15.3	10.3	15.5

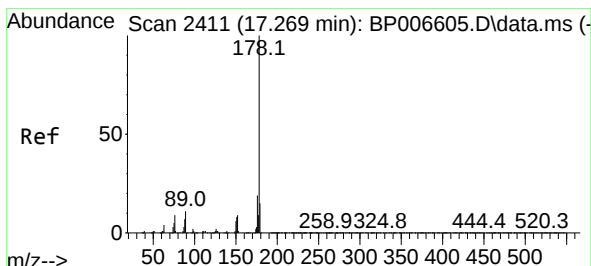
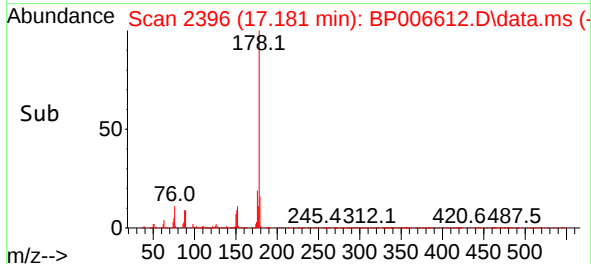
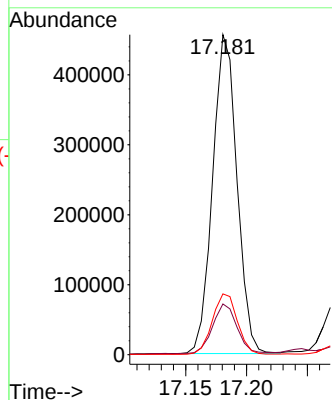
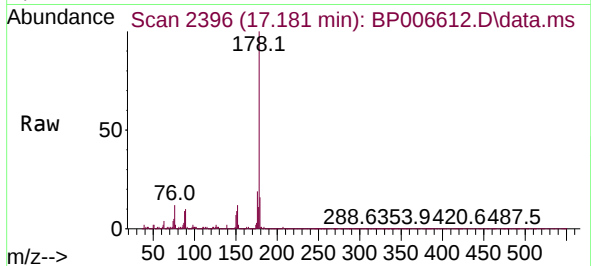




#72
Phenanthrene
Concen: 10.489 ng/ul
RT: 17.181 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

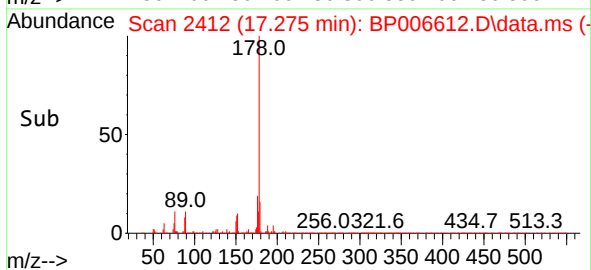
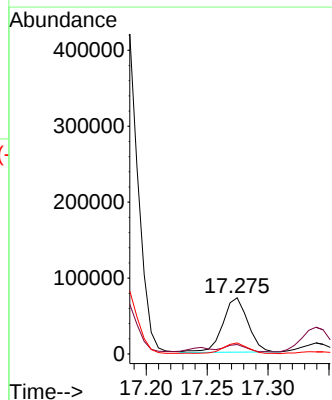
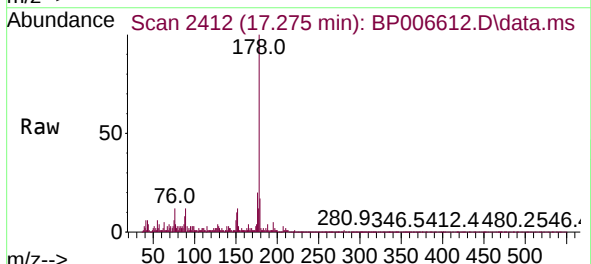
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ClientSampleId :
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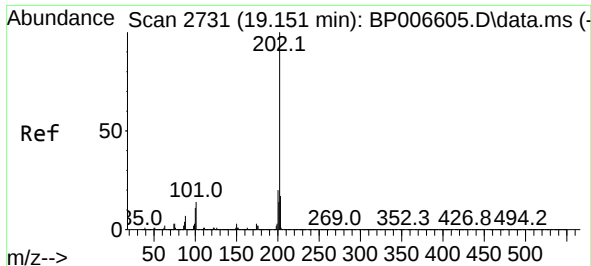
Tgt Ion:178 Resp: 633976
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.0 15.2 22.8



#74
Anthracene
Concen: 1.682 ng/ul
RT: 17.275 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

Tgt Ion:178 Resp: 103094
Ion Ratio Lower Upper
178 100
179 16.8 12.0 18.0
176 19.6 14.7 22.1

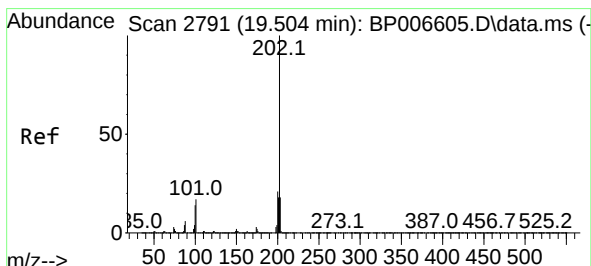
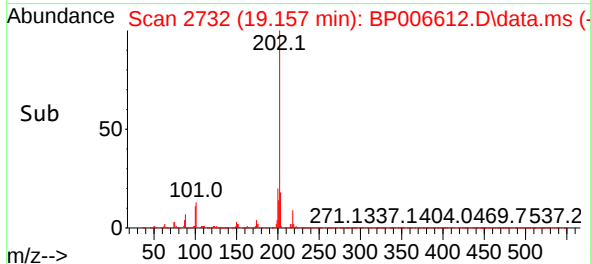
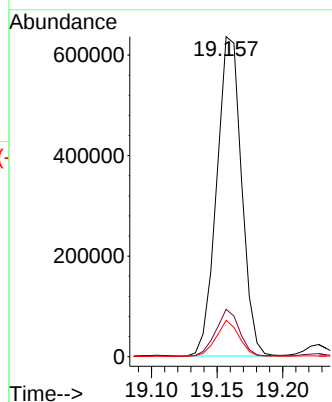
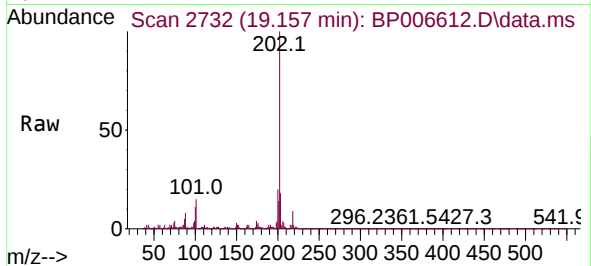




#80
Fluoranthene
Concen: 13.176 ng/ul
RT: 19.157 min Scan# 2732
Delta R.T. 0.006 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

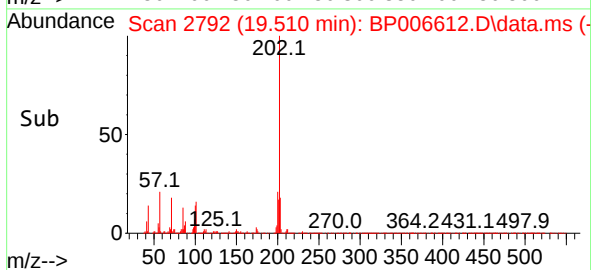
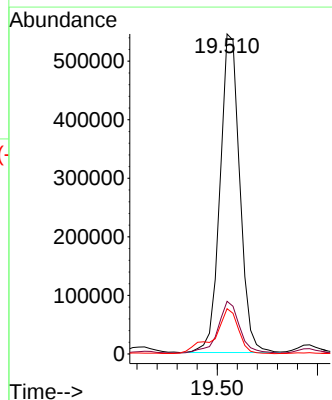
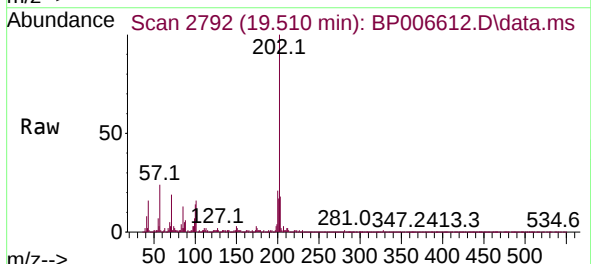
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BNA_P
ClientSampleId :
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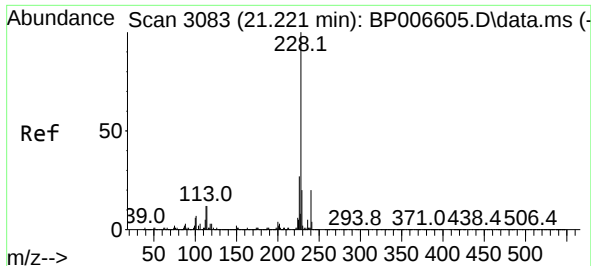
Tgt Ion:202 Resp: 837423
Ion Ratio Lower Upper
202 100
101 14.8 11.2 16.8
100 11.4 8.7 13.1



#82
Pyrene
Concen: 11.244 ng/ul
RT: 19.510 min Scan# 2792
Delta R.T. 0.006 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

Tgt Ion:202 Resp: 741553
Ion Ratio Lower Upper
202 100
101 16.5 13.0 19.6
100 14.2 11.4 17.0

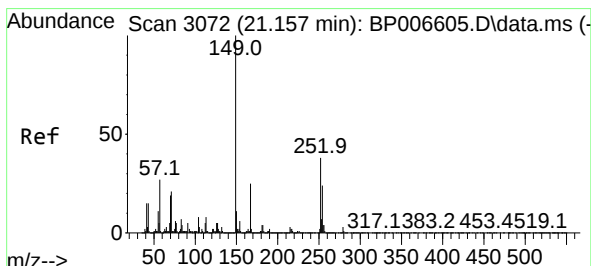
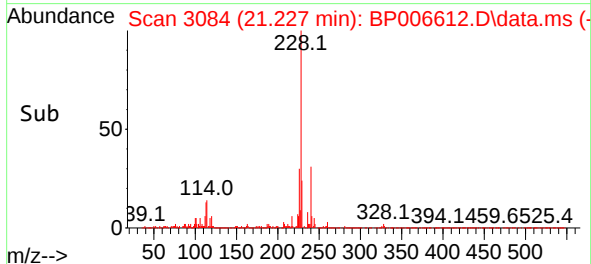
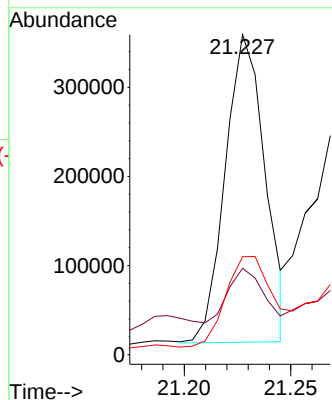
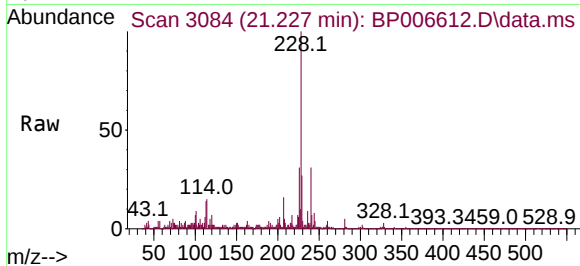




#85
Benzo(a)anthracene
Concen: 7.240 ng/ul
RT: 21.227 min Scan# 3084
Delta R.T. 0.012 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

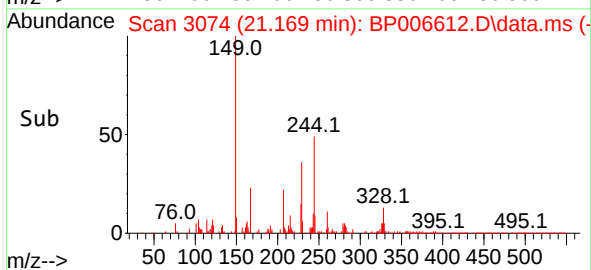
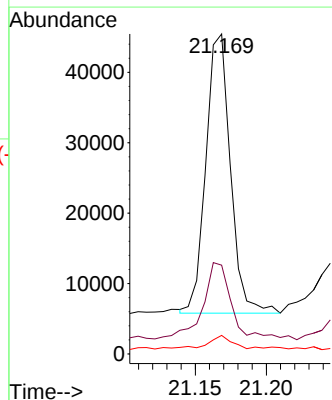
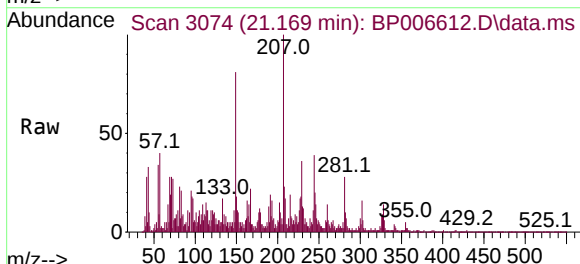
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ClientSampled :
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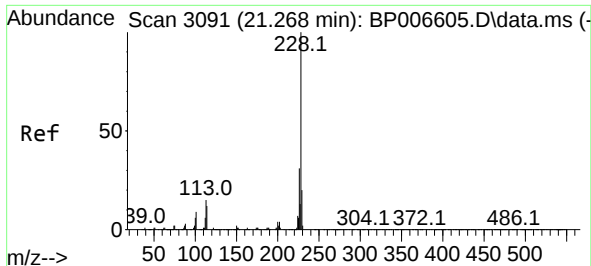
Tgt Ion:228 Resp: 449884
Ion Ratio Lower Upper
228 100
229 27.0 15.6 23.4#
226 30.6 21.2 31.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.126 ng/ul
RT: 21.169 min Scan# 3074
Delta R.T. 0.006 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

Tgt Ion:149 Resp: 47701
Ion Ratio Lower Upper
149 100
167 27.7 19.6 29.4
279 5.8 3.0 4.4#

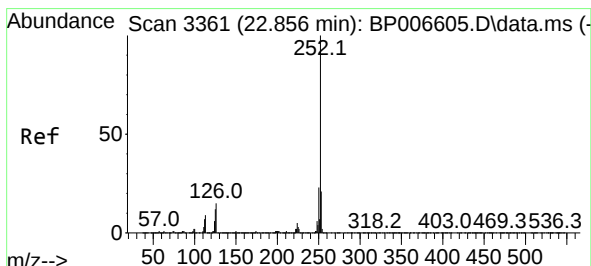
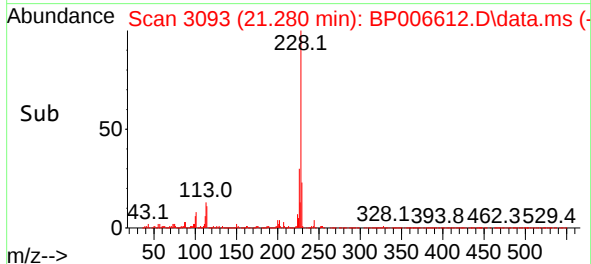
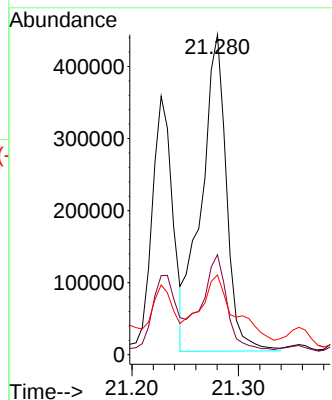
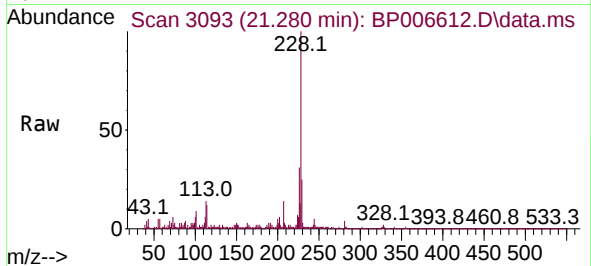




#87
Chrysene
Concen: 12.146 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.012 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

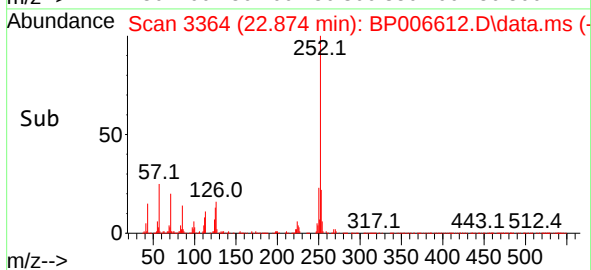
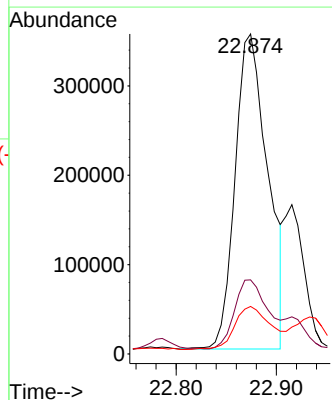
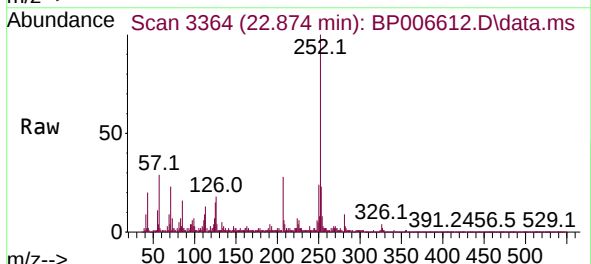
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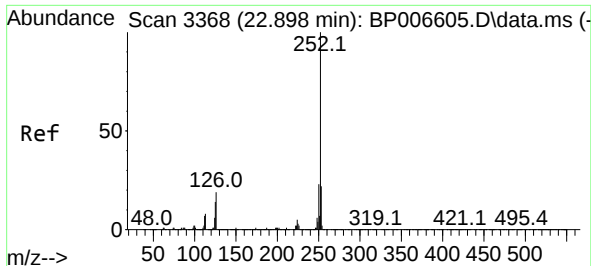
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Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 24.9 15.5 23.3#



#90
Benzo(b)fluoranthene
Concen: 11.886 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.023 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

Tgt Ion:252 Resp: 800968
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 14.8 10.6 15.8

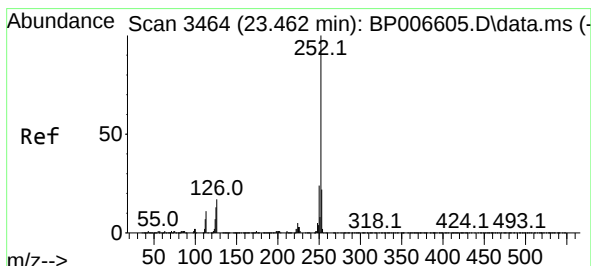
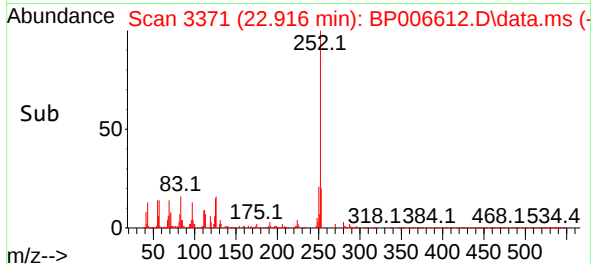
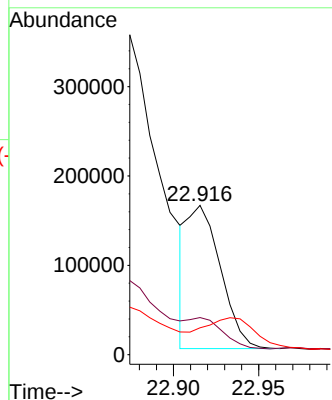
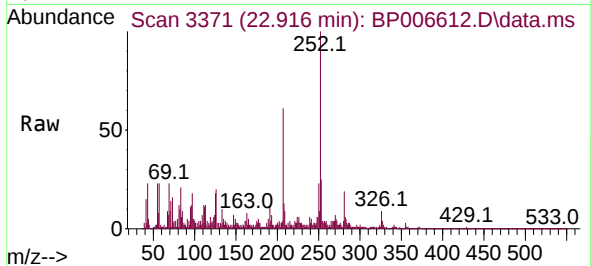




#91
Benzo(k)fluoranthene
Concen: 3.393 ng/ul
RT: 22.916 min Scan# 3371
Delta R.T. 0.017 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

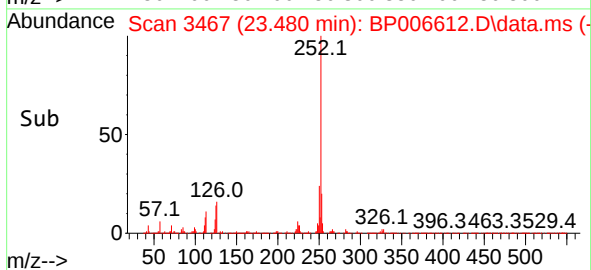
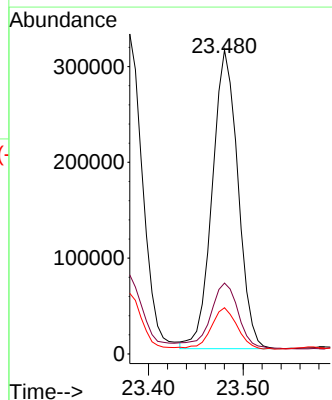
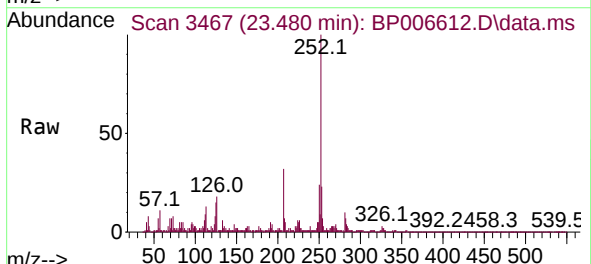
Instrument :
BNA_P
ClientSampleId :
C00A5

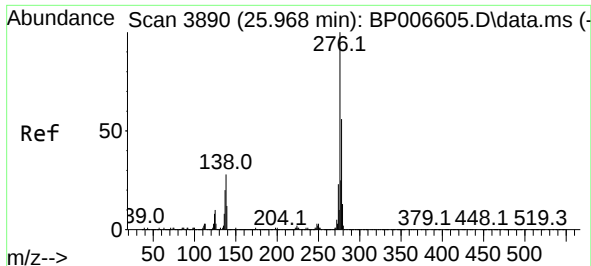
Tgt Ion:252 Resp: 217008
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 18.1 9.6 14.4#



#93
Benzo(a)pyrene
Concen: 9.981 ng/ul
RT: 23.480 min Scan# 3467
Delta R.T. 0.023 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

Tgt Ion:252 Resp: 587900
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 15.2 11.6 17.4

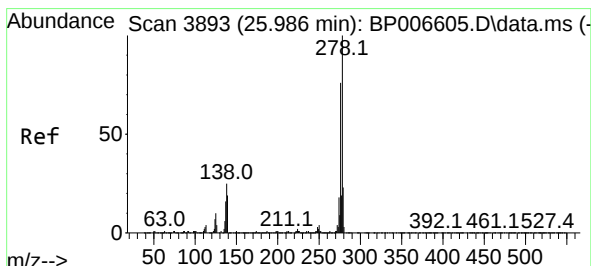
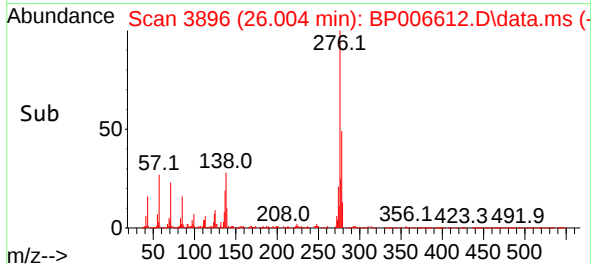
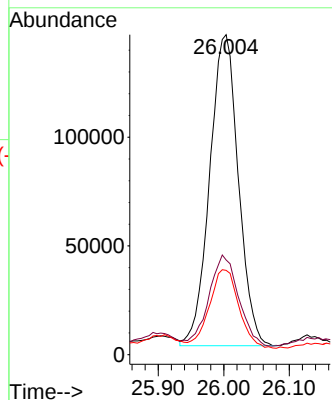
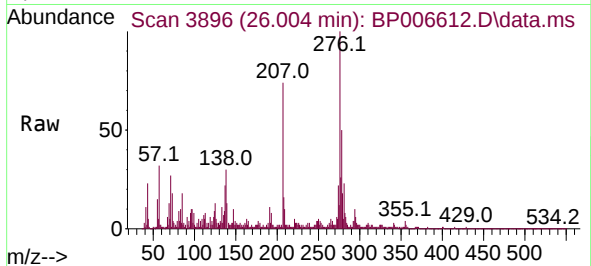




#94
Indeno(1,2,3-cd)pyrene
Concen: 5.768 ng/ul
RT: 26.004 min Scan# 3896
Delta R.T. 0.041 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

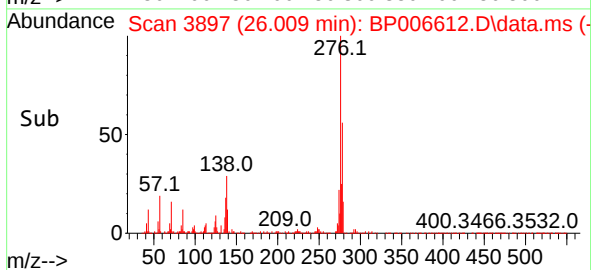
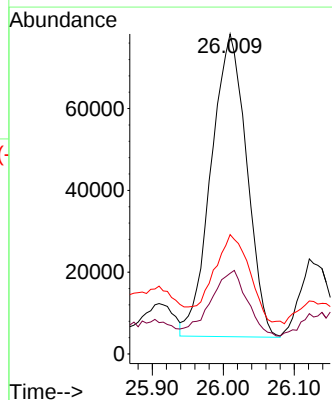
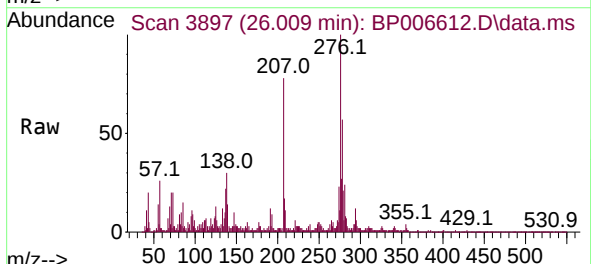
Instrument :
BNA_P
ClientSampleId :
C00A5

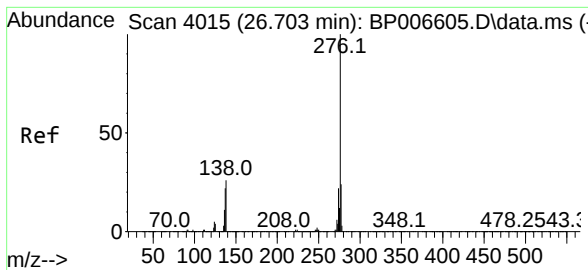
Tgt Ion:276 Resp: 434909
Ion Ratio Lower Upper
276 100
138 29.6 22.9 34.3
277 26.4 20.0 30.0



#95
Dibenzo(a,h)anthracene
Concen: 4.021 ng/ul
RT: 26.009 min Scan# 3897
Delta R.T. 0.023 min
Lab File: BP006612.D
Acq: 09 Aug 2021 14:26

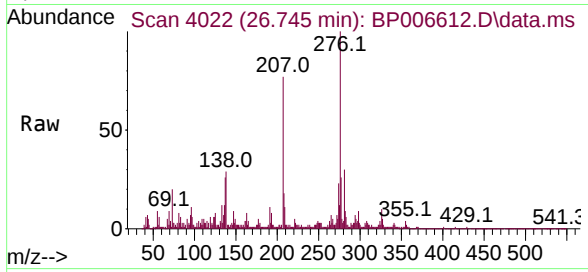
Tgt Ion:278 Resp: 256754
Ion Ratio Lower Upper
278 100
139 25.2 15.1 22.7#
279 37.3 19.0 28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 6.935 ng/ul
 RT: 26.745 min Scan# 4022
 Delta R.T. 0.041 min
 Lab File: BP006612.D
 Acq: 09 Aug 2021 14:26

Instrument :
 BNA_P
 ClientSampleId :
 C00A5



Tgt Ion:	276	Resp:	432008
Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.4	30.6
277	25.9	18.6	27.8

