

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012212.D
 Acq On : 20 Oct 2022 13:44
 Operator : CG/JU
 Sample : N4755-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK7

Quant Time: Oct 20 23:22:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

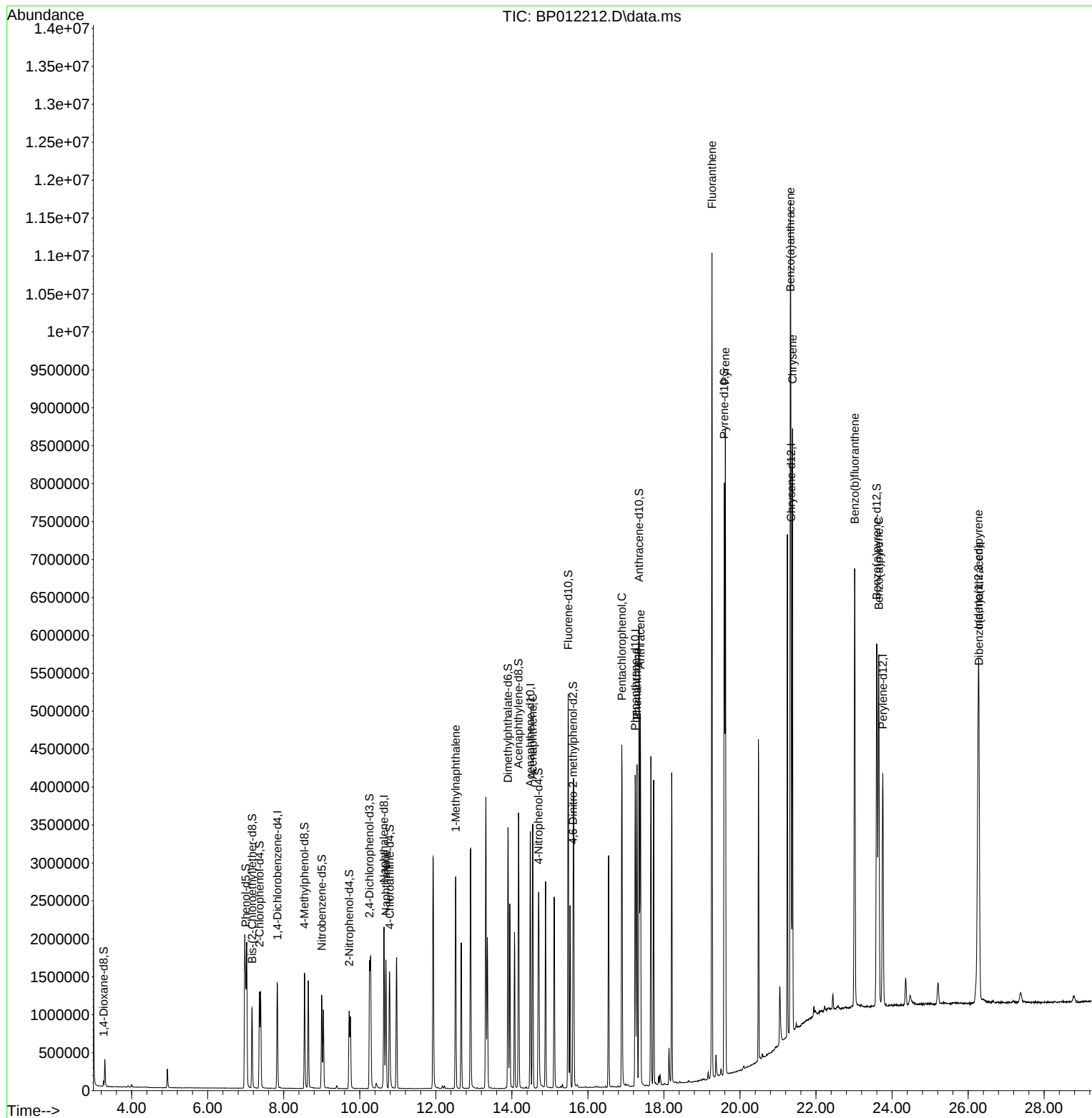
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	411915	20.000	ng/u1	0.00
20) Naphthalene-d8	10.640	136	1810114	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	1170422	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2518508	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	2363450	20.000	ng/u1	0.01
88) Perylene-d12	23.757	264	2270877	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	36234	3.560	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.999	99	808508	22.736	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	483724	22.429	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	619249	22.877	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	627177	22.692	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	313854	23.424	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	336972	23.310	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	649983	23.971	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	945114	24.532	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	2441909	29.993	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	2465232	26.527	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	469568	30.785	ng/u1	0.00
60) Fluorene-d10	15.481	176	2027747	28.950	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	415048	28.969	ng/u1	0.00
73) Anthracene-d10	17.345	188	3497988	31.687	ng/u1	0.00
81) Pyrene-d10	19.586	212	4119120	30.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.598	264	3808989	33.447	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.687	128	1413400	14.600	ng/u1	100
37) 1-Methylnaphthalene	12.522	142	1350273	20.530	ng/u1	99
52) Acenaphthene	14.551	153	1438224	19.640	ng/u1	100
71) Pentachlorophenol	16.892	266	830911	43.794	ng/u1	100
72) Phenanthrene	17.292	178	2559783	18.911	ng/u1	99
74) Anthracene	17.380	178	2987387	22.306	ng/u1	100
80) Fluoranthene	19.263	202	6449605	38.788	ng/u1	98
82) Pyrene	19.616	202	4700228	27.629	ng/u1	98
85) Benzo(a)anthracene	21.327	228	5600773	36.360	ng/u1	99
87) Chrysene	21.380	228	3850925	26.791	ng/u1	99
90) Benzo(b)fluoranthene	23.015	252	4079975	26.959	ng/u1	99
93) Benzo(a)pyrene	23.651	252	3578773	27.653	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.268	276	4210777	28.107	ng/u1	98
95) Dibenzo(a,h)anthracene	26.286	278	2737993	20.272	ng/u1	99

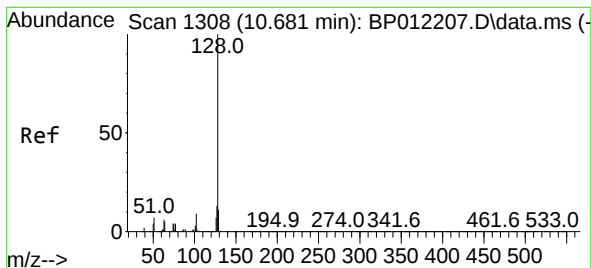
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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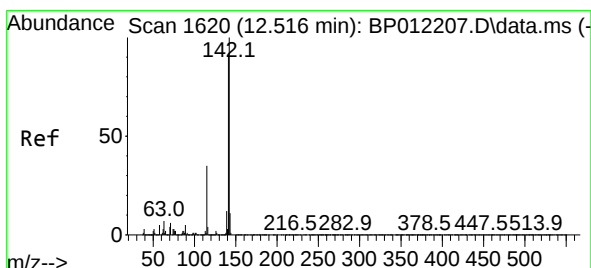
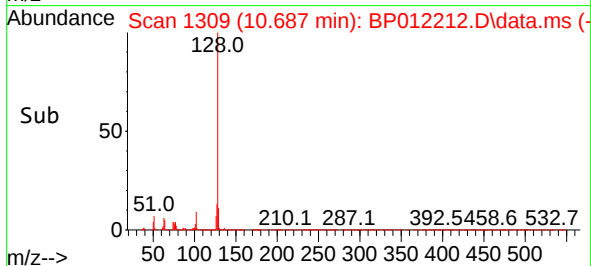
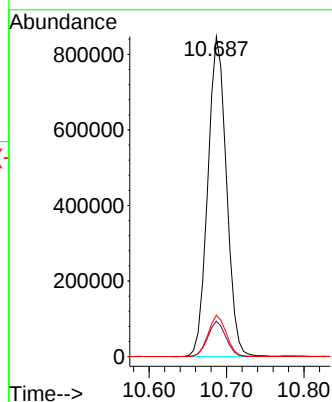
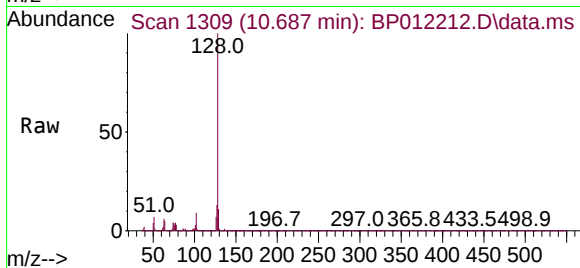




#30
Naphthalene
Concen: 14.600 ng/ul
RT: 10.687 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

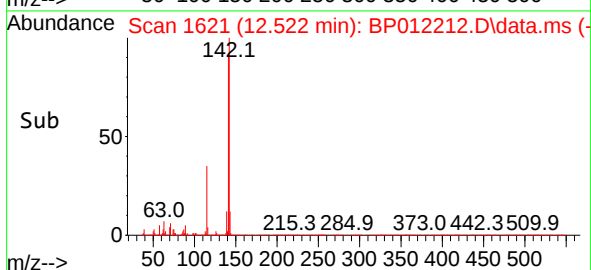
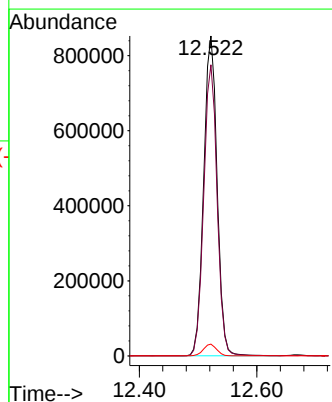
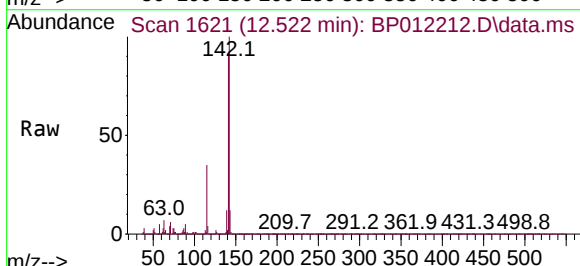
Instrument :
BNA_P
ClientSampleId :
DBWK7

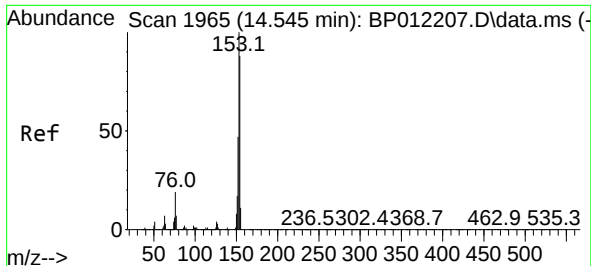
Tgt Ion:128 Resp: 1413400
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.2 15.4



#37
1-Methylnaphthalene
Concen: 20.530 ng/ul
RT: 12.522 min Scan# 1621
Delta R.T. 0.006 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

Tgt Ion:142 Resp: 1350273
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0
116 3.7 3.0 4.4

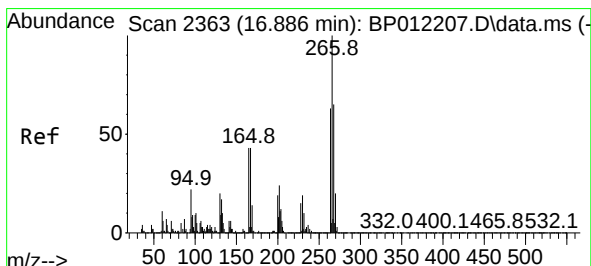
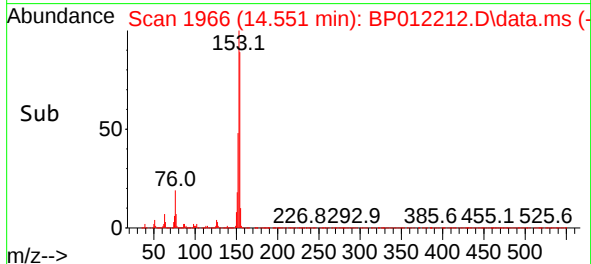
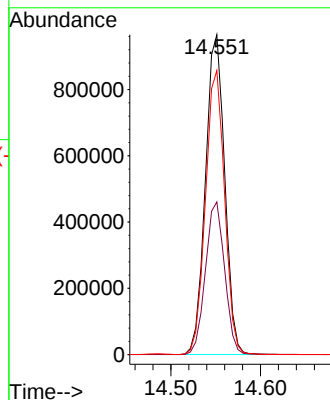
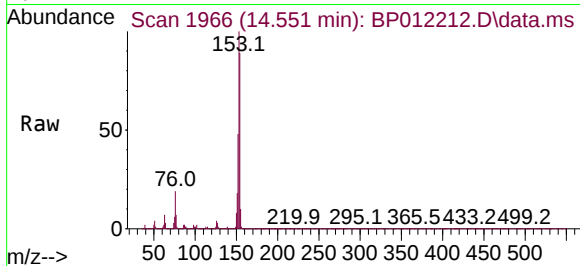




#52
Acenaphthene
Concen: 19.640 ng/ul
RT: 14.551 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

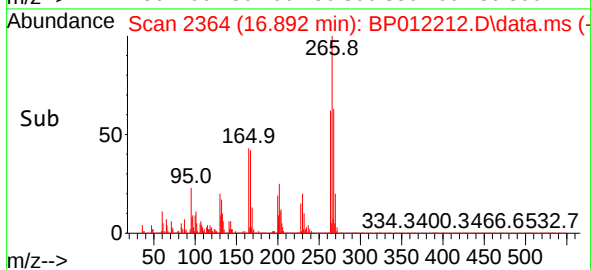
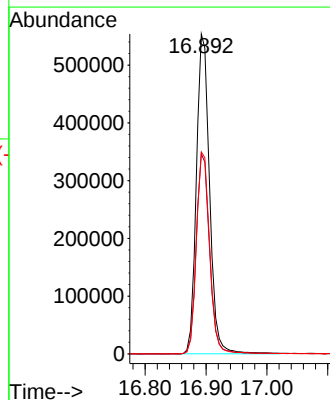
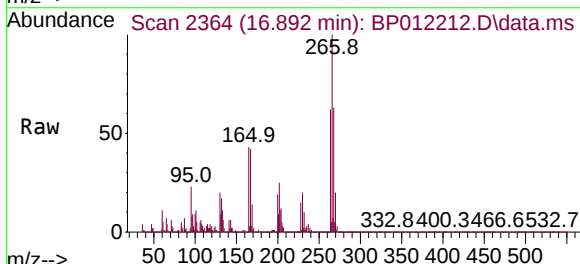
Instrument :
BNA_P
ClientSampleId :
DBWK7

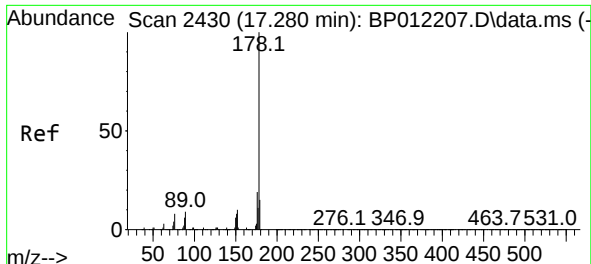
Tgt Ion:153 Resp: 1438224
Ion Ratio Lower Upper
153 100
152 47.8 38.1 57.1
154 88.8 71.4 107.2



#71
Pentachlorophenol
Concen: 43.794 ng/ul
RT: 16.892 min Scan# 2364
Delta R.T. 0.006 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

Tgt Ion:266 Resp: 830911
Ion Ratio Lower Upper
266 100
264 62.5 50.1 75.1
268 63.1 50.6 76.0

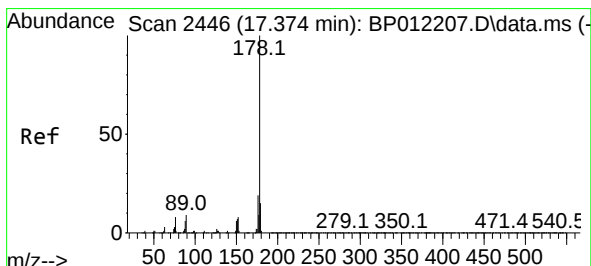
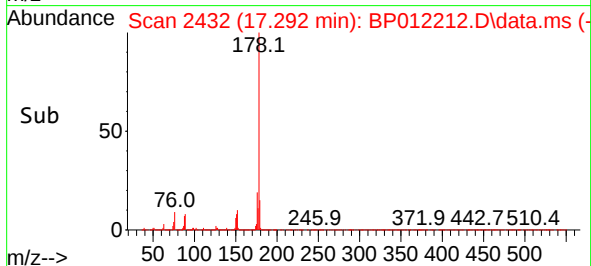
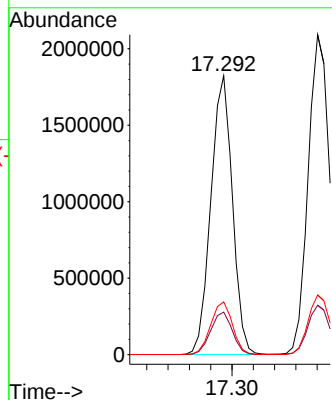
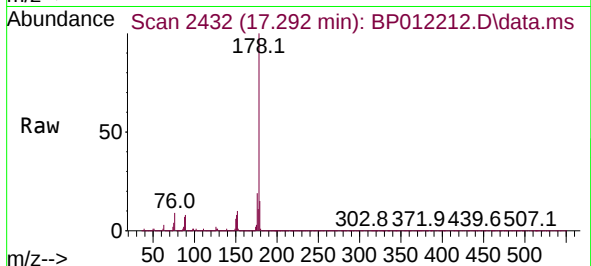




#72
Phenanthrene
Concen: 18.911 ng/ul
RT: 17.292 min Scan# 2430
Delta R.T. 0.012 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

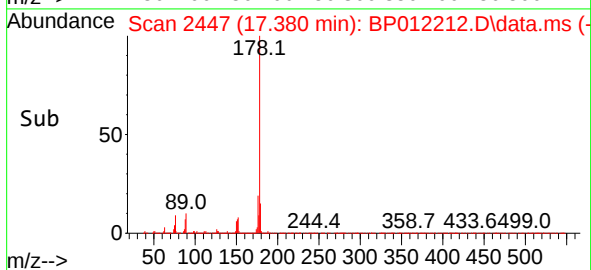
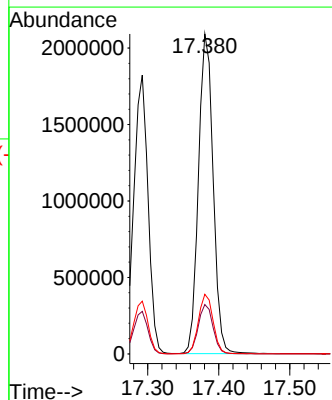
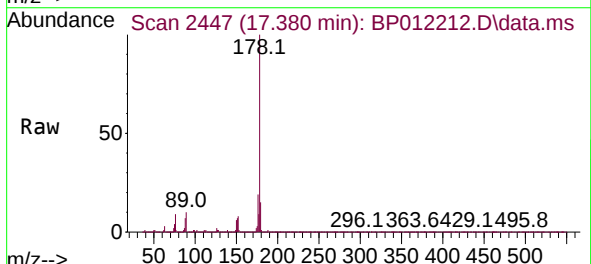
Instrument :
BNA_P
ClientSampleId :
DBWK7

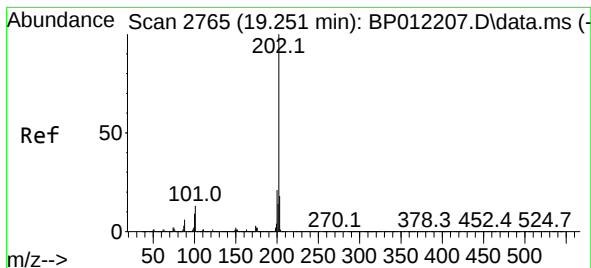
Tgt Ion:178 Resp: 2559783
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 18.9 15.6 23.4



#74
Anthracene
Concen: 22.306 ng/ul
RT: 17.380 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

Tgt Ion:178 Resp: 2987387
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.6 15.0 22.4





#80

Fluoranthene

Concen: 38.788 ng/ul

RT: 19.263 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP012212.D

Acq: 20 Oct 2022 13:44

Instrument :

BNA_P

ClientSampleId :

DBWK7

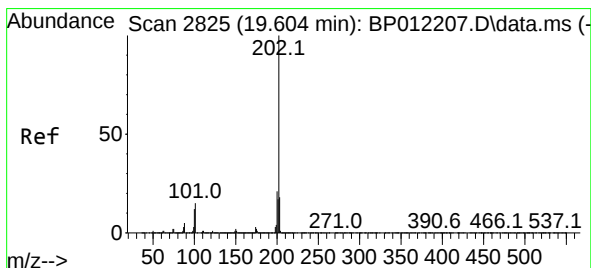
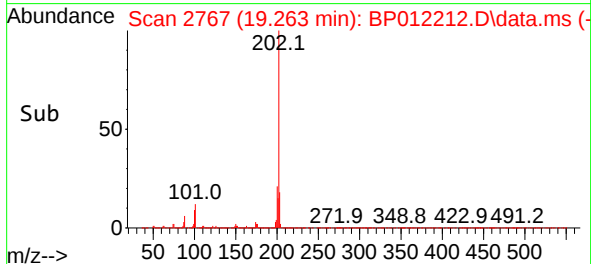
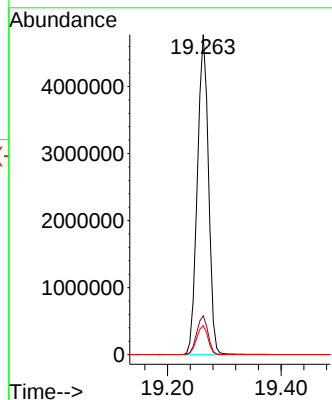
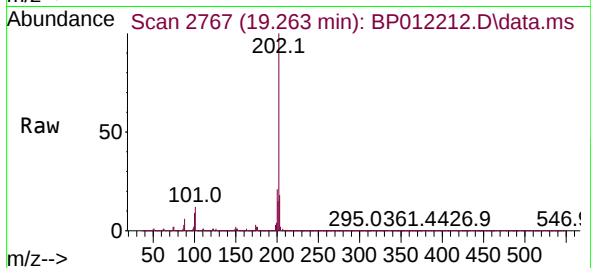
Tgt Ion:202 Resp: 6449605

Ion Ratio Lower Upper

202 100

101 12.1 10.4 15.6

100 9.1 7.7 11.5



#82

Pyrene

Concen: 27.629 ng/ul

RT: 19.616 min Scan# 2827

Delta R.T. 0.012 min

Lab File: BP012212.D

Acq: 20 Oct 2022 13:44

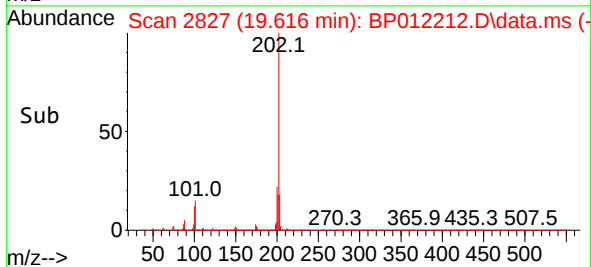
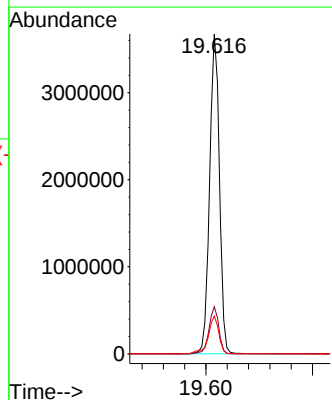
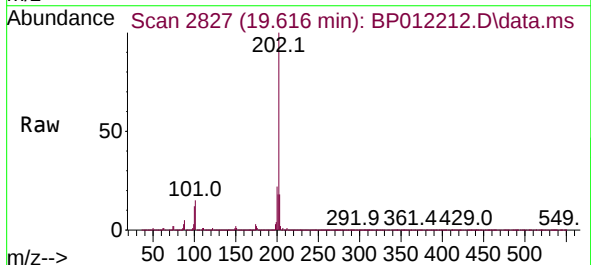
Tgt Ion:202 Resp: 4700228

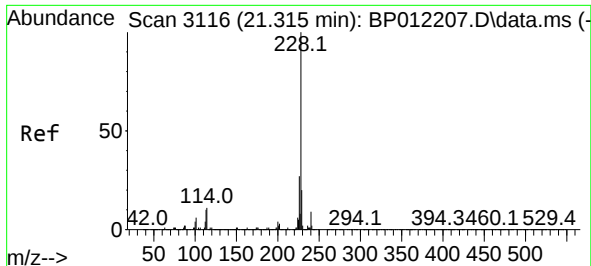
Ion Ratio Lower Upper

202 100

101 14.7 12.3 18.5

100 11.8 10.0 15.0

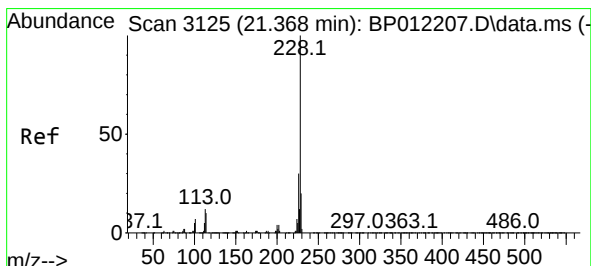
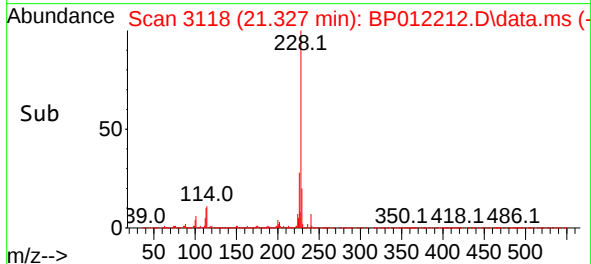
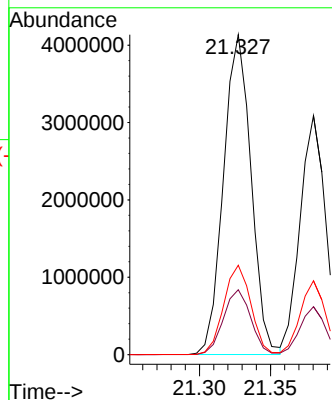
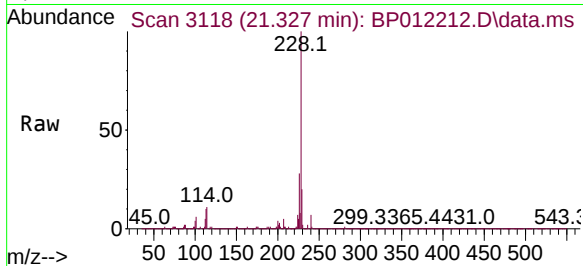




#85
Benzo(a)anthracene
Concen: 36.360 ng/u1
RT: 21.327 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

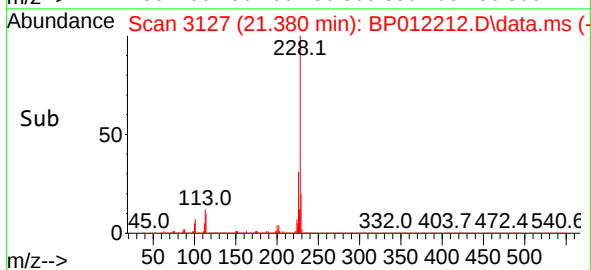
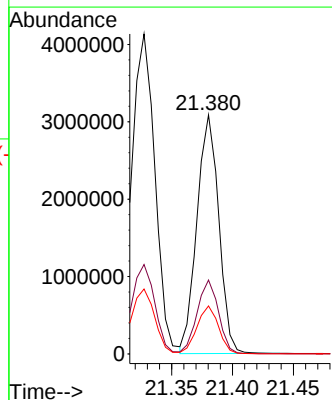
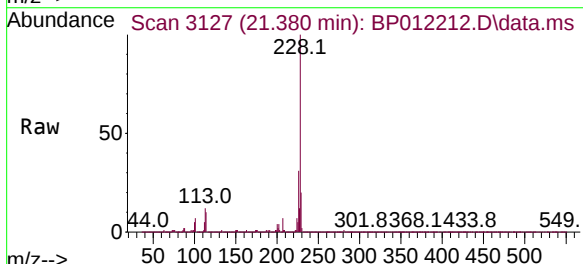
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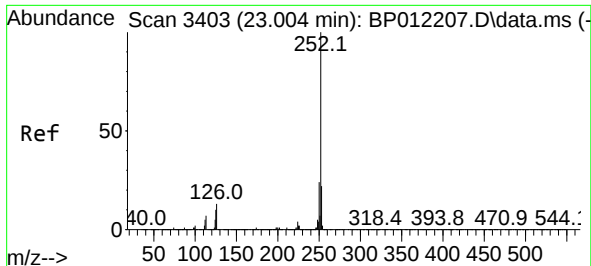
Tgt Ion:228 Resp: 5600773
Ion Ratio Lower Upper
228 100
229 20.3 16.1 24.1
226 27.9 21.9 32.9



#87
Chrysene
Concen: 26.791 ng/u1
RT: 21.380 min Scan# 3127
Delta R.T. 0.012 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

Tgt Ion:228 Resp: 3850925
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 20.1 15.8 23.8

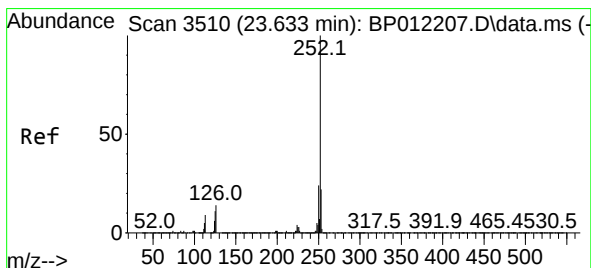
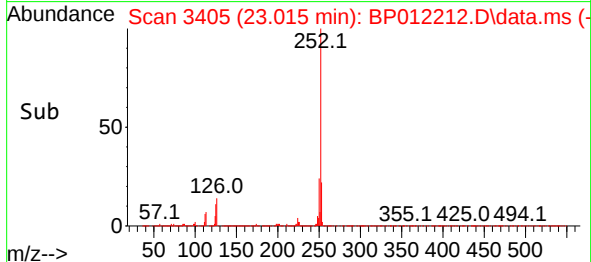
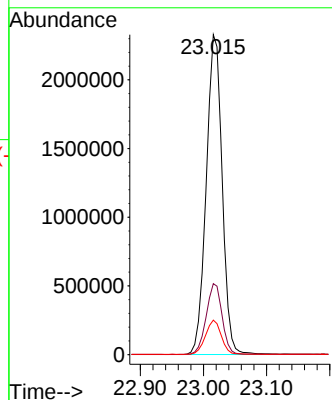
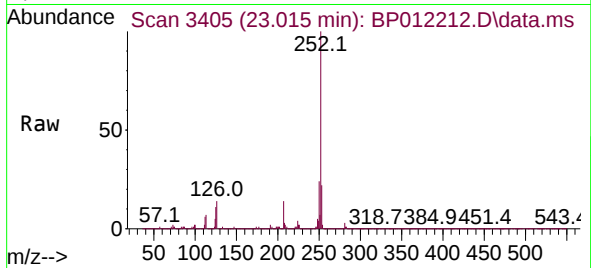




#90
Benzo(b)fluoranthene
Concen: 26.959 ng/u1
RT: 23.015 min Scan# 3403
Delta R.T. 0.012 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

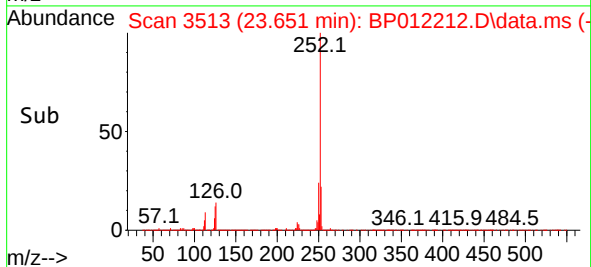
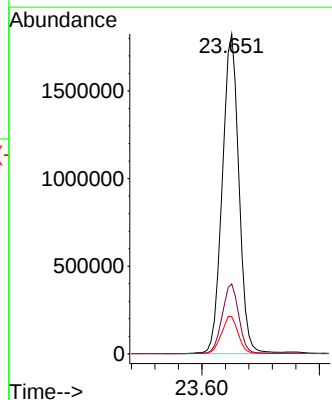
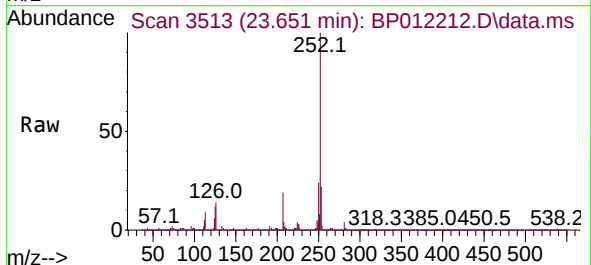
Instrument :
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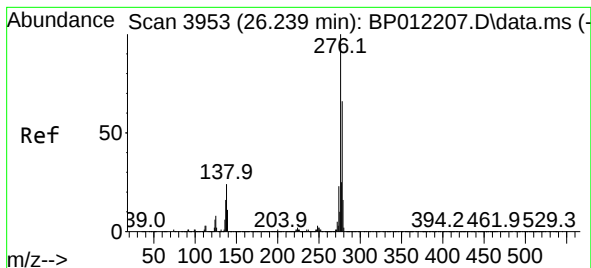
Tgt Ion:252 Resp: 4079975
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.8 8.5 12.7



#93
Benzo(a)pyrene
Concen: 27.653 ng/u1
RT: 23.651 min Scan# 3513
Delta R.T. 0.018 min
Lab File: BP012212.D
Acq: 20 Oct 2022 13:44

Tgt Ion:252 Resp: 3578773
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.6 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 28.107 ng/ul

RT: 26.268 min Scan# 3958

Delta R.T. 0.024 min

Lab File: BP012212.D

Acq: 20 Oct 2022 13:44

Instrument :

BNA_P

ClientSampleId :

DBWK7

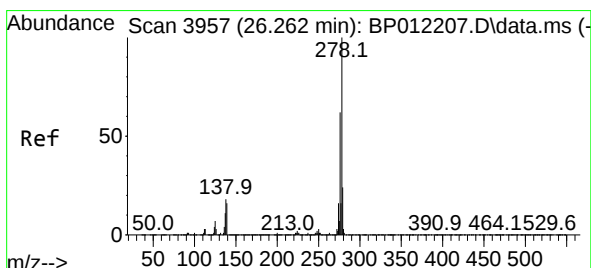
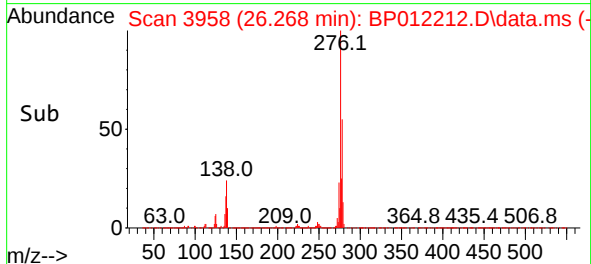
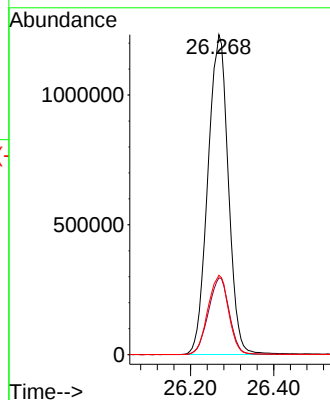
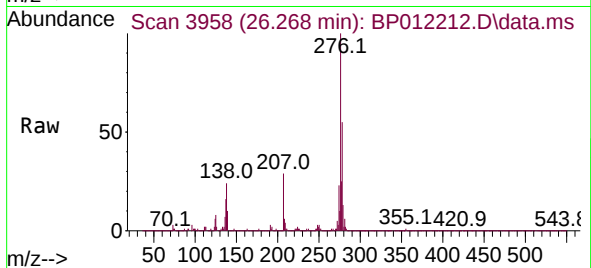
Tgt Ion:276 Resp: 4210777

Ion Ratio Lower Upper

276 100

138 24.0 20.3 30.5

277 24.8 20.2 30.4



#95

Dibenzo(a,h)anthracene

Concen: 20.272 ng/ul

RT: 26.286 min Scan# 3961

Delta R.T. 0.024 min

Lab File: BP012212.D

Acq: 20 Oct 2022 13:44

Tgt Ion:278 Resp: 2737993

Ion Ratio Lower Upper

278 100

139 16.7 12.9 19.3

279 23.4 19.0 28.4

