

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015549.D
 Acq On : 15 Jun 2023 10:36
 Operator : MA/JU
 Sample : 03088-15
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGV6

Quant Time: Jun 15 22:14:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

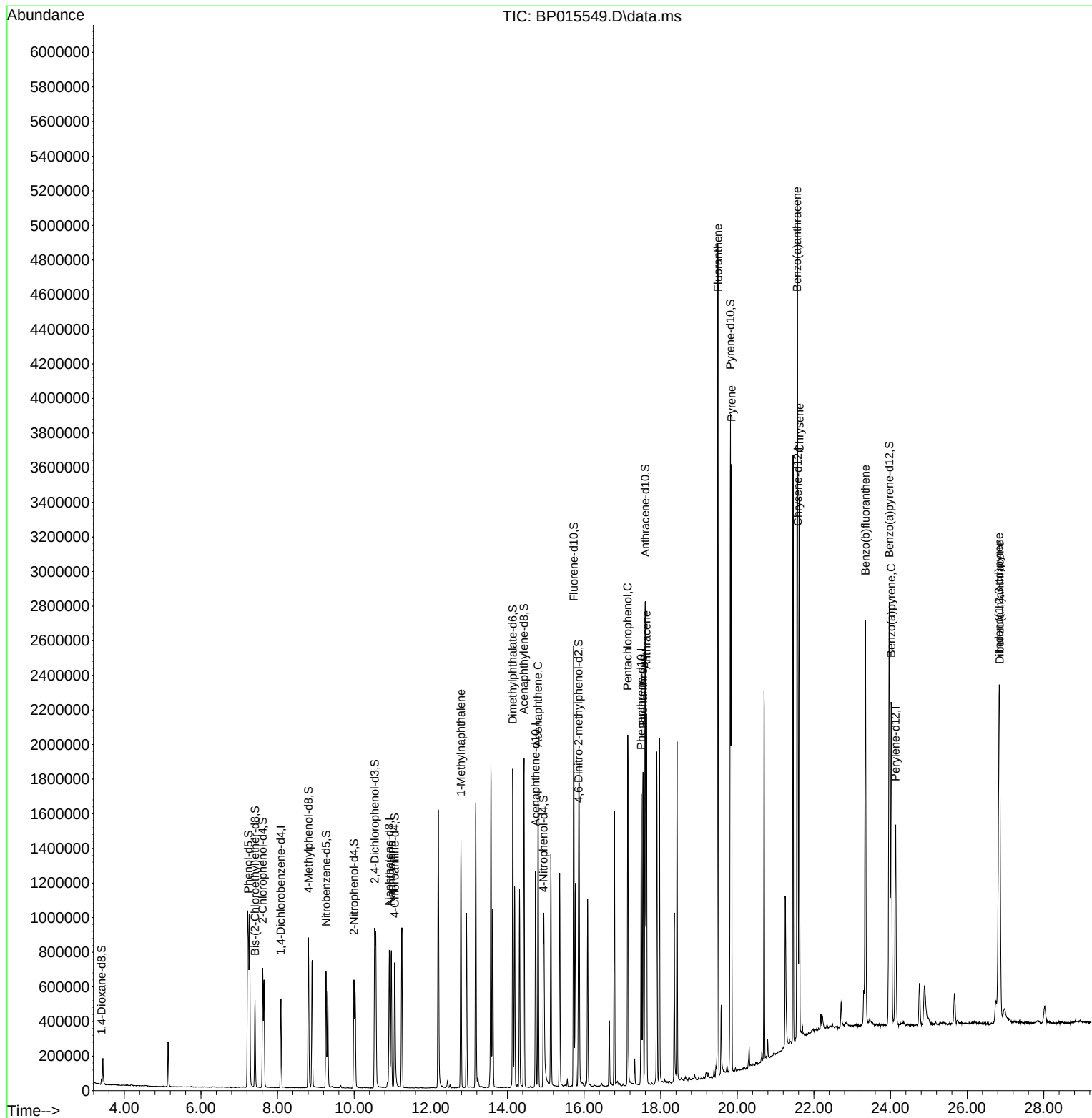
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	130797	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	610228	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	413211	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	959518	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	896261	20.000	ng/u1	0.01
88) Perylene-d12	24.127	264	958678	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	15172	4.295	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.240	99	367422	30.492	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	216556	30.092	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	282432	32.328	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	313604	31.711	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	150126	31.336	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	174815	31.952	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	324979	32.562	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	393355	27.458	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	1139398	34.968	ng/u1	0.00
49) Acenaphthylene-d8	14.433	160	1207465	33.890	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	177546	30.427	ng/u1	0.00
60) Fluorene-d10	15.727	176	941013	34.247	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	190098	31.273	ng/u1	0.00
73) Anthracene-d10	17.598	188	1544121	35.370	ng/u1	0.01
81) Pyrene-d10	19.821	212	1889696	39.394	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.968	264	1821768	37.873	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.969	128	607058	18.358	ng/u1	100
37) 1-Methylnaphthalene	12.786	142	594903	25.417	ng/u1	98
52) Acenaphthene	14.798	153	646978	23.721	ng/u1	99
71) Pentachlorophenol	17.139	266	335895	49.078	ng/u1	99
72) Phenanthrene	17.539	178	1053212	20.454	ng/u1	100
74) Anthracene	17.627	178	1222226	23.394	ng/u1	99
80) Fluoranthene	19.492	202	2848777	48.754	ng/u1	98
82) Pyrene	19.851	202	2047798	33.875	ng/u1	97
85) Benzo(a)anthracene	21.562	228	2487020	39.694	ng/u1	100
87) Chrysene	21.621	228	1701968	28.738	ng/u1	99
90) Benzo(b)fluoranthene	23.345	252	1810317	29.254	ng/u1	100
93) Benzo(a)pyrene	24.015	252	1544196	28.621	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	1905534	27.291	ng/u1	98
95) Dibenzo(a,h)anthracene	26.850	278	1227270	21.574	ng/u1	99

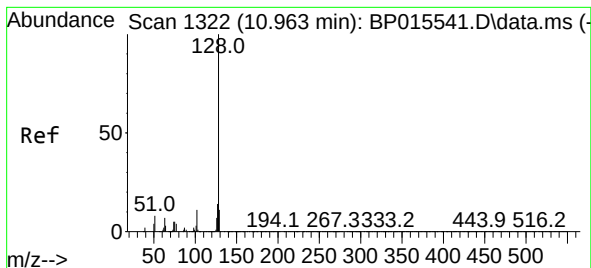
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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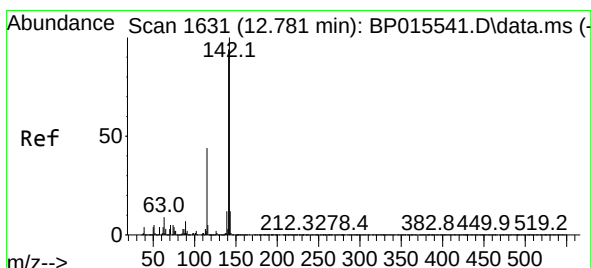
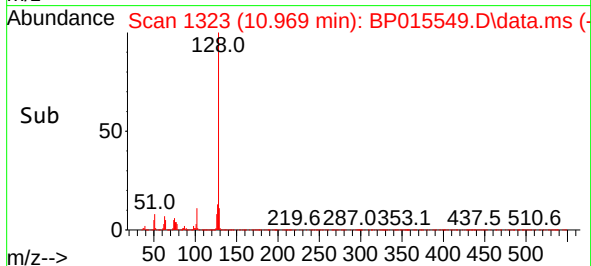
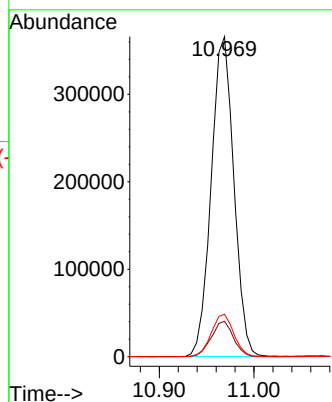
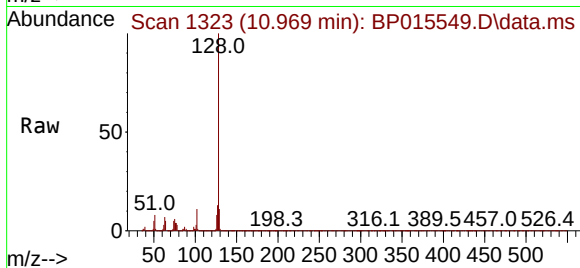




#30
Naphthalene
Concen: 18.358 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP015549.D
Acq: 15 Jun 2023 10:36

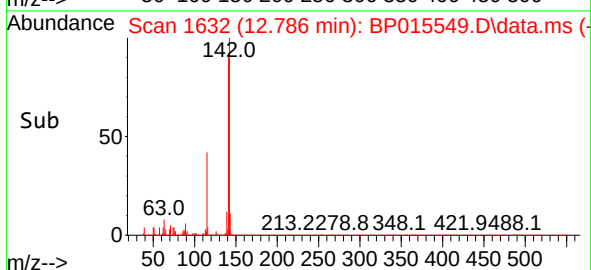
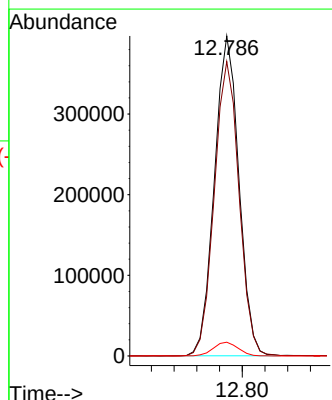
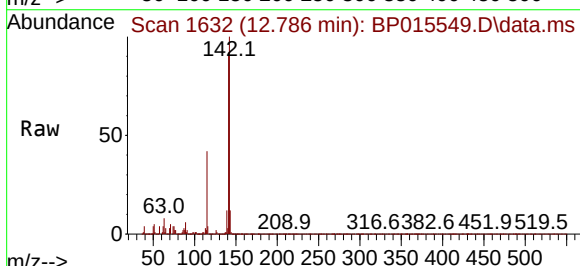
Instrument :
BNA_P
ClientSampleId :
DCGV6

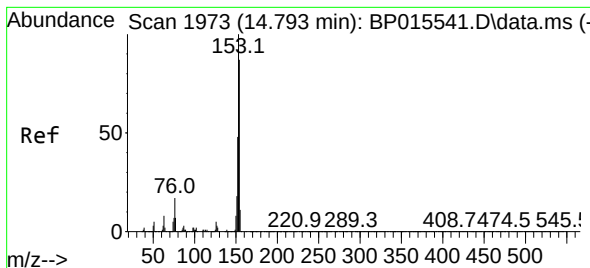
Tgt Ion:128 Resp: 607058
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.5 15.7



#37
1-Methylnaphthalene
Concen: 25.417 ng/ul
RT: 12.786 min Scan# 1632
Delta R.T. 0.006 min
Lab File: BP015549.D
Acq: 15 Jun 2023 10:36

Tgt Ion:142 Resp: 594903
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9
116 4.3 3.4 5.2





#52

Acenaphthene

Concen: 23.721 ng/ul

RT: 14.798 min Scan# 1974

Delta R.T. 0.005 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

Instrument :

BNA_P

ClientSampleId :

DCGV6

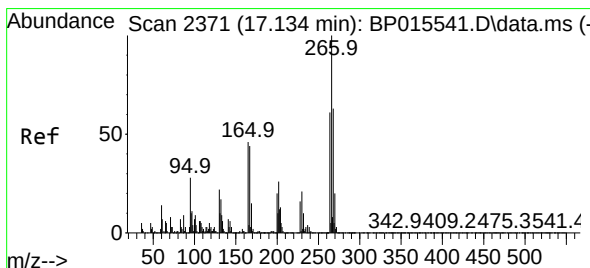
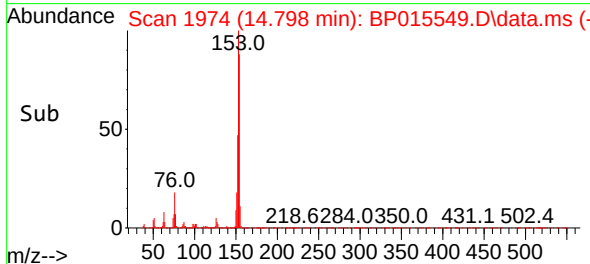
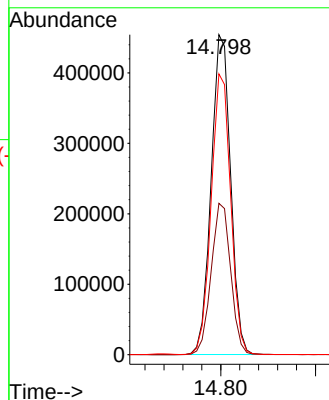
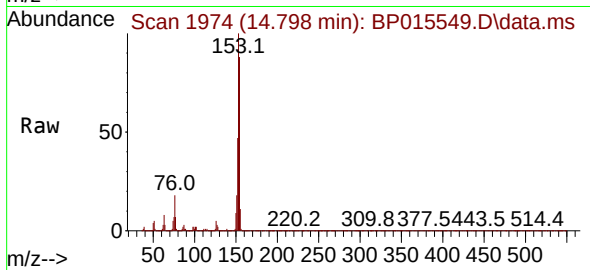
Tgt Ion:153 Resp: 646978

Ion Ratio Lower Upper

153 100

152 47.3 38.3 57.5

154 87.8 69.8 104.6



#71

Pentachlorophenol

Concen: 49.078 ng/ul

RT: 17.139 min Scan# 2372

Delta R.T. 0.005 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

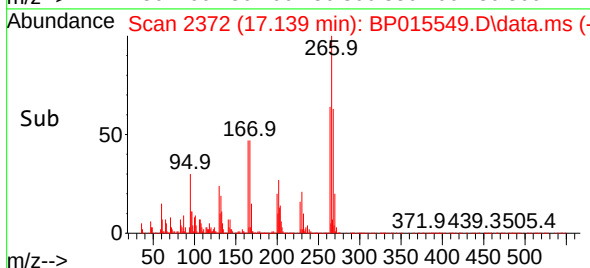
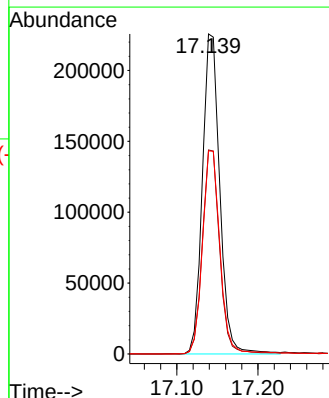
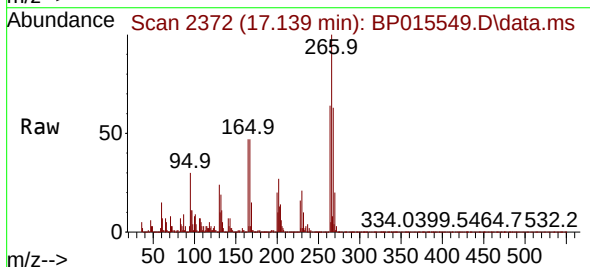
Tgt Ion:266 Resp: 335895

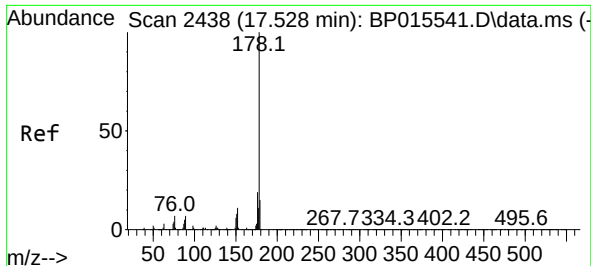
Ion Ratio Lower Upper

266 100

264 63.7 49.6 74.4

268 63.4 51.0 76.6

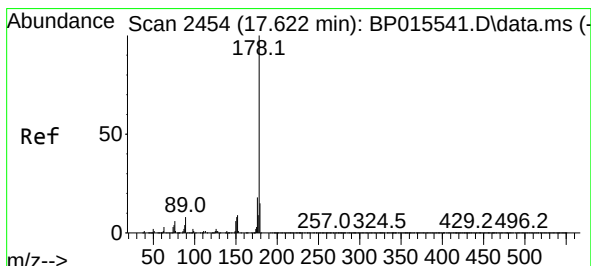
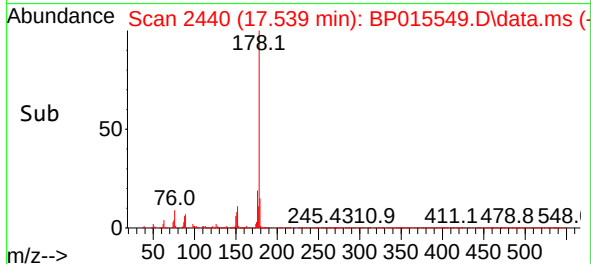
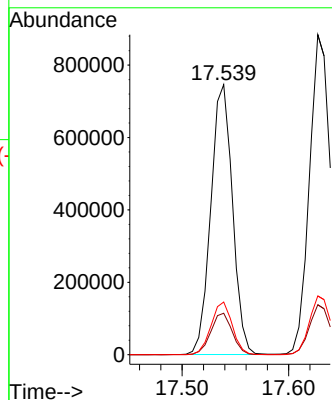
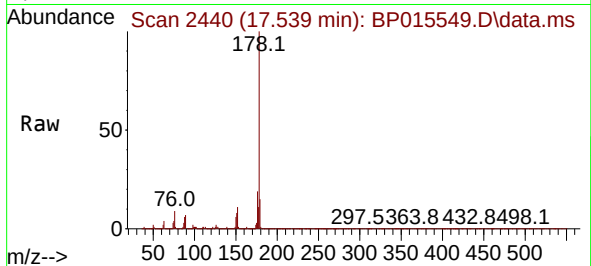




#72
Phenanthrene
Concen: 20.454 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. 0.011 min
Lab File: BP015549.D
Acq: 15 Jun 2023 10:36

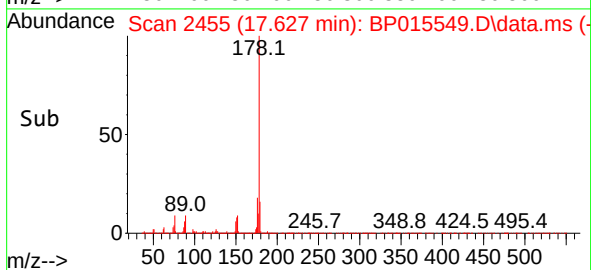
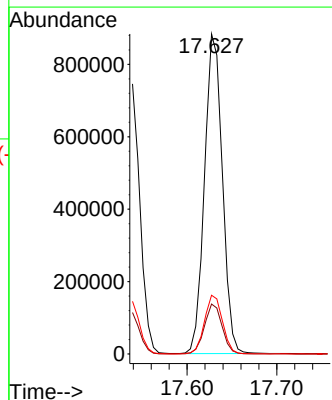
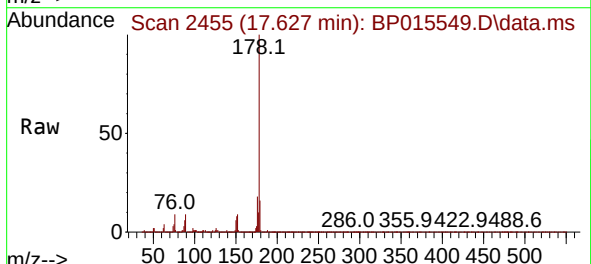
Instrument :
BNA_P
ClientSampleId :
DCGV6

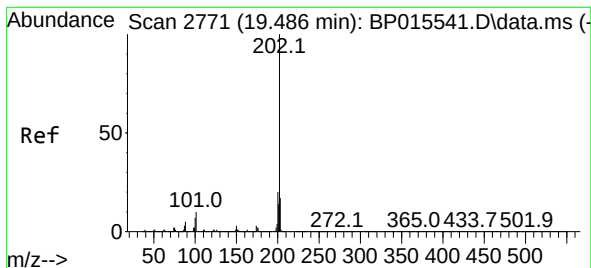
Tgt Ion:178 Resp: 1053212
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.5 15.4 23.0



#74
Anthracene
Concen: 23.394 ng/ul
RT: 17.627 min Scan# 2455
Delta R.T. 0.006 min
Lab File: BP015549.D
Acq: 15 Jun 2023 10:36

Tgt Ion:178 Resp: 1222226
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.3 15.0 22.4





#80

Fluoranthene

Concen: 48.754 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

Instrument :

BNA_P

ClientSampleId :

DCGV6

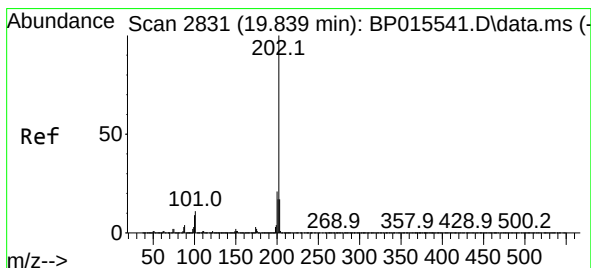
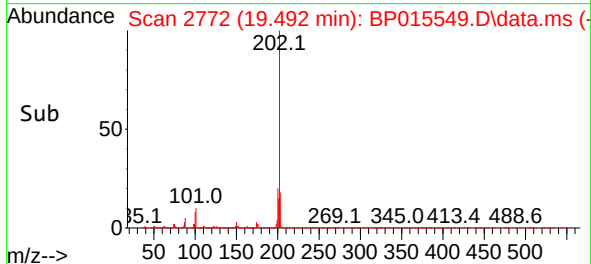
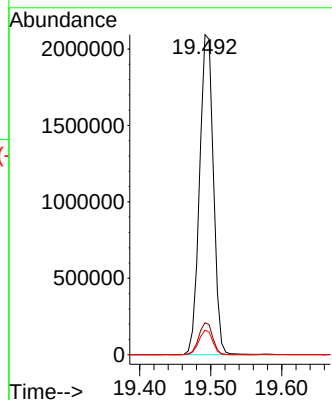
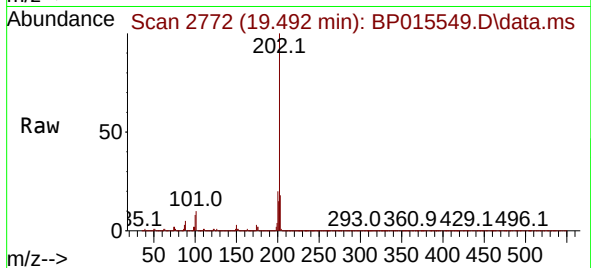
Tgt Ion:202 Resp: 2848777

Ion Ratio Lower Upper

202 100

101 10.0 8.6 13.0

100 7.6 6.6 9.8



#82

Pyrene

Concen: 33.875 ng/ul

RT: 19.851 min Scan# 2833

Delta R.T. 0.011 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

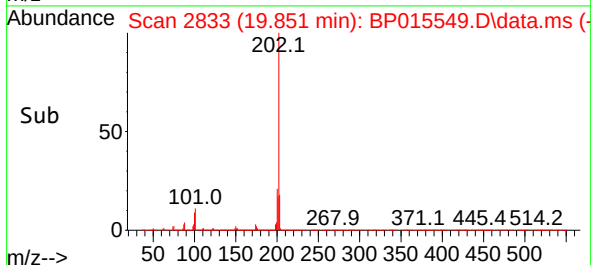
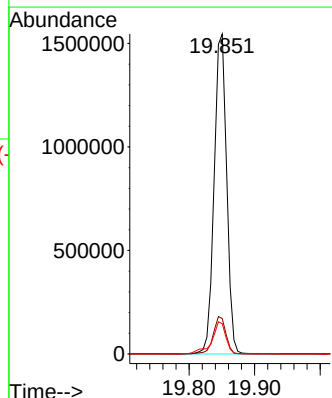
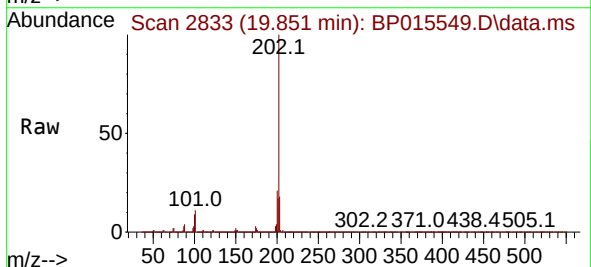
Tgt Ion:202 Resp: 2047798

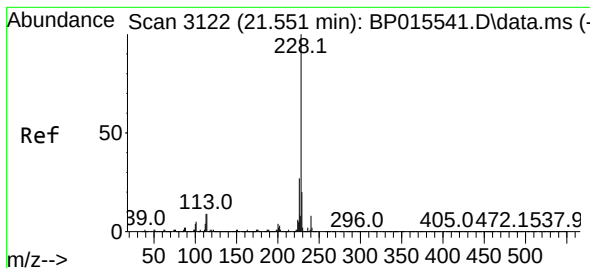
Ion Ratio Lower Upper

202 100

101 11.1 9.9 14.9

100 9.5 8.4 12.6





#85

Benzo(a)anthracene

Concen: 39.694 ng/u1

RT: 21.562 min Scan# 3124

Delta R.T. 0.011 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

Instrument :

BNA_P

ClientSampleId :

DCGV6

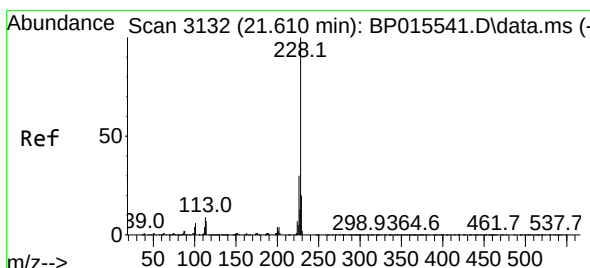
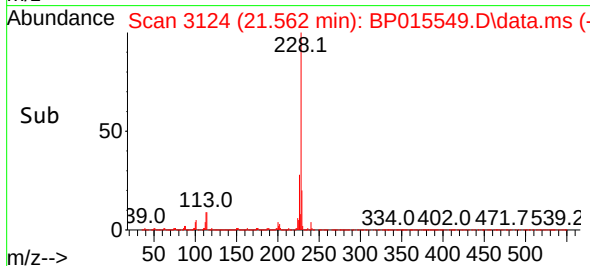
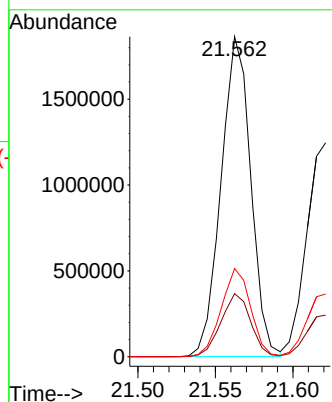
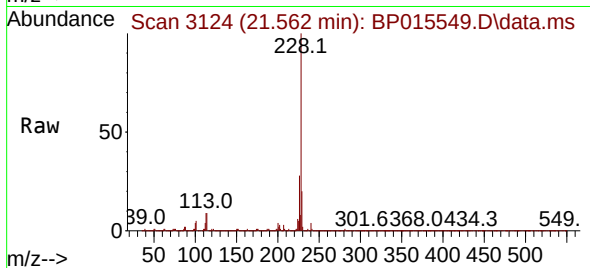
Tgt Ion:228 Resp: 2487020

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.6 21.8 32.6



#87

Chrysene

Concen: 28.738 ng/u1

RT: 21.621 min Scan# 3134

Delta R.T. 0.011 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

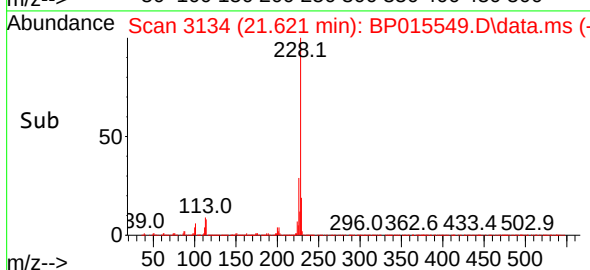
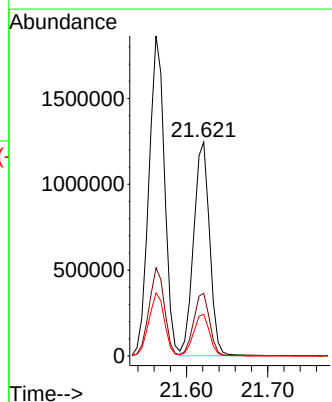
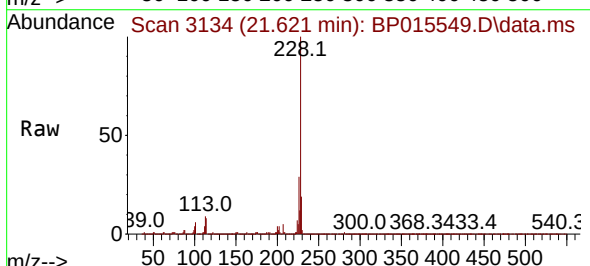
Tgt Ion:228 Resp: 1701968

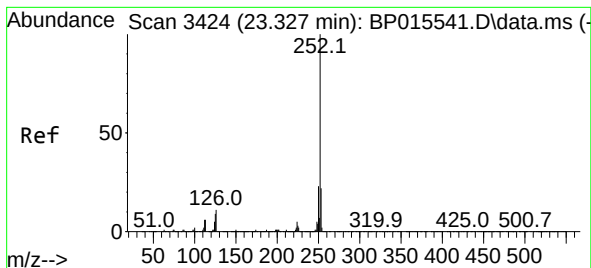
Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 19.4 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 29.254 ng/ul

RT: 23.345 min Scan# 34

Delta R.T. 0.017 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

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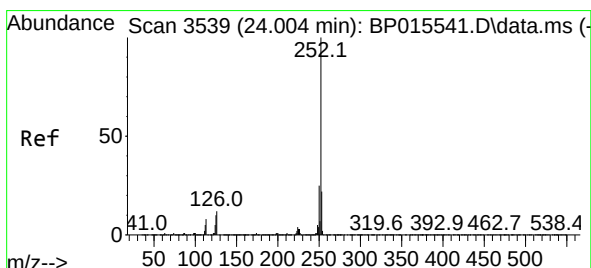
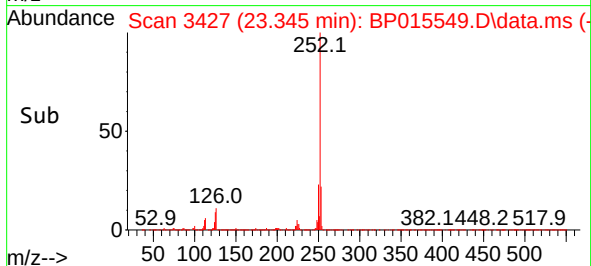
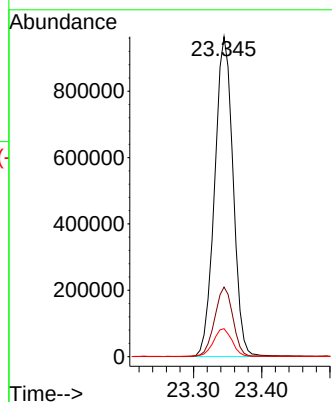
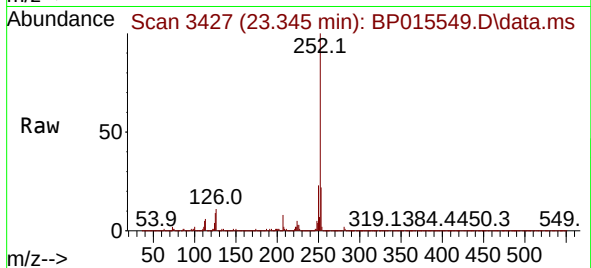
Tgt Ion:252 Resp: 1810317

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.7 7.3 10.9



#93

Benzo(a)pyrene

Concen: 28.621 ng/ul

RT: 24.015 min Scan# 3541

Delta R.T. 0.011 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

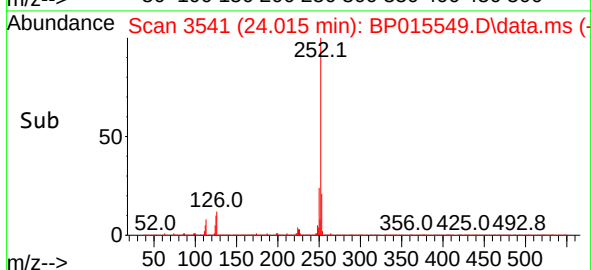
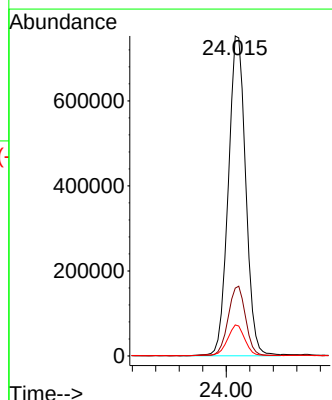
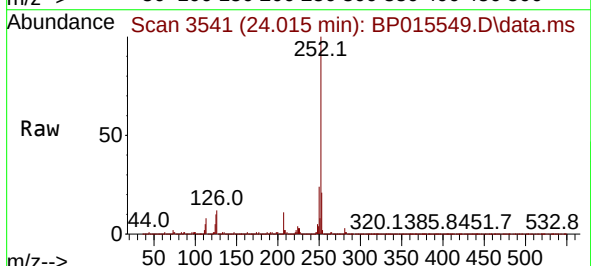
Tgt Ion:252 Resp: 1544196

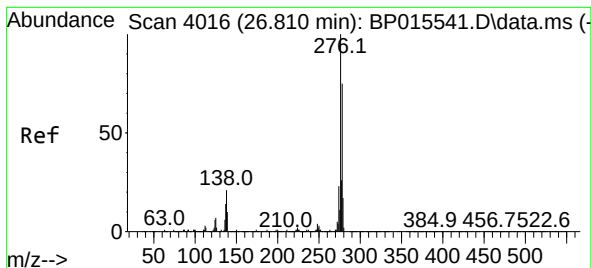
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 9.7 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 27.291 ng/ul

RT: 26.833 min Scan# 4016

Delta R.T. 0.023 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

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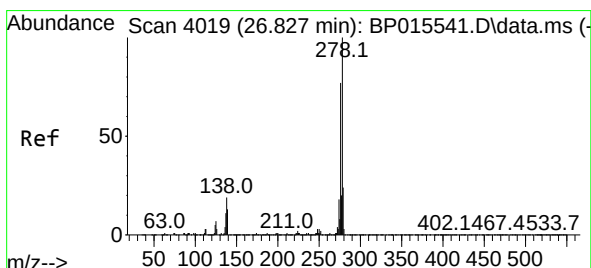
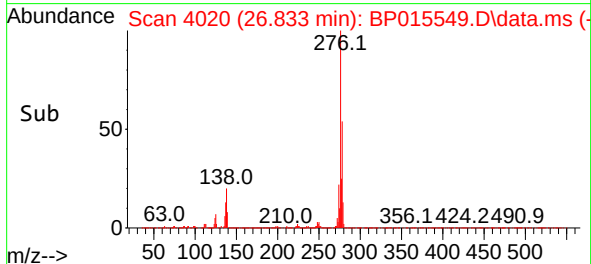
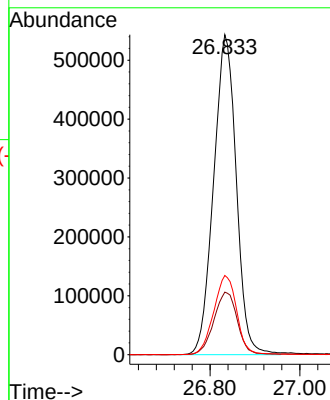
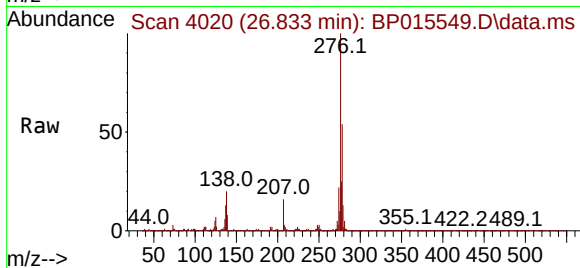
Tgt Ion:276 Resp: 1905534

Ion Ratio Lower Upper

276 100

138 19.5 17.3 25.9

277 24.7 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 21.574 ng/ul

RT: 26.850 min Scan# 4023

Delta R.T. 0.023 min

Lab File: BP015549.D

Acq: 15 Jun 2023 10:36

Tgt Ion:278 Resp: 1227270

Ion Ratio Lower Upper

278 100

139 13.8 11.4 17.0

279 23.5 18.7 28.1

