

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018874.D
 Acq On : 15 Dec 2023 09:23
 Operator : MA/JU
 Sample : 05627-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLD9

Quant Time: Dec 15 09:57:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	221584	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	812272	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	487952	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1103583	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1209049	20.000	ng/u1	0.00
88) Perylene-d12	23.656	264	1430810	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	35961	5.530	ng/uL	0.00
4) Pyridine-d5	3.675	84	495177	28.430	ng/u1	0.00
7) Phenol-d5	7.004	99	614760	27.646	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	358594	27.209	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	481418	27.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	468421	26.029	ng/u1	0.00
21) Nitrobenzene-d5	8.992	128	218567	30.233	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	247388	33.006	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	470264	30.684	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	631134	31.510	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	1393577	31.999	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1564729	32.629	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	232427	32.514	ng/u1	0.00
60) Fluorene-d10	15.451	176	1237548	33.854	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	172942	26.136	ng/u1	0.00
73) Anthracene-d10	17.310	188	2037099	35.112	ng/u1	0.00
81) Pyrene-d10	19.545	212	2615122	27.787	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.509	264	2962685	35.513	ng/u1	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.263	93	1551688	86.642	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	2159454	95.030	ng/u1	97
22) Nitrobenzene	9.034	77	396402	22.552	ng/u1	97
23) Isophorone	9.557	82	723740	20.195	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.045	93	1507792	66.641	ng/u1	100
36) 2-Methylnaphthalene	12.286	142	1697272	48.620	ng/u1	100
47) Dimethylphthalate	13.933	163	5680547	132.510	ng/u1	99
50) Acenaphthylene	14.180	152	1008747	18.710	ng/u1	99
52) Acenaphthene	14.522	153	1412490	39.622	ng/u1	98
61) Fluorene	15.510	166	1731891	44.176	ng/u1	99
68) 4-Bromophenyl-phenylether	16.404	248	284199	20.399	ng/u1	92
69) Hexachlorobenzene	16.510	284	691926	44.482	ng/u1	98
72) Phenanthrene	17.251	178	2352882	35.301	ng/u1	99
74) Anthracene	17.345	178	2483719	37.176	ng/u1	99
78) Di-n-butylphthalate	18.174	149	6370650	89.853	ng/u1	100
82) Pyrene	19.574	202	2006652	17.880	ng/u1	95
83) Butylbenzylphthalate	20.457	149	2549028	62.041	ng/u1	93
85) Benzo(a)anthracene	21.286	228	1716138	17.487	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.215	149	4097800	72.565	ng/u1#	98
89) Di-n-octyl phthalate	22.127	149	9663351	92.501	ng/u1	100
90) Benzo(b)fluoranthene	22.939	252	2366205	22.430	ng/u1	98
91) Benzo(k)fluoranthene	22.986	252	2640752	25.871	ng/u1	99
93) Benzo(a)pyrene	23.556	252	1038863	10.777	ng/u1	97
95) Dibenzo(a,h)anthracene	26.127	278	3657321	38.174	ng/u1	97

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

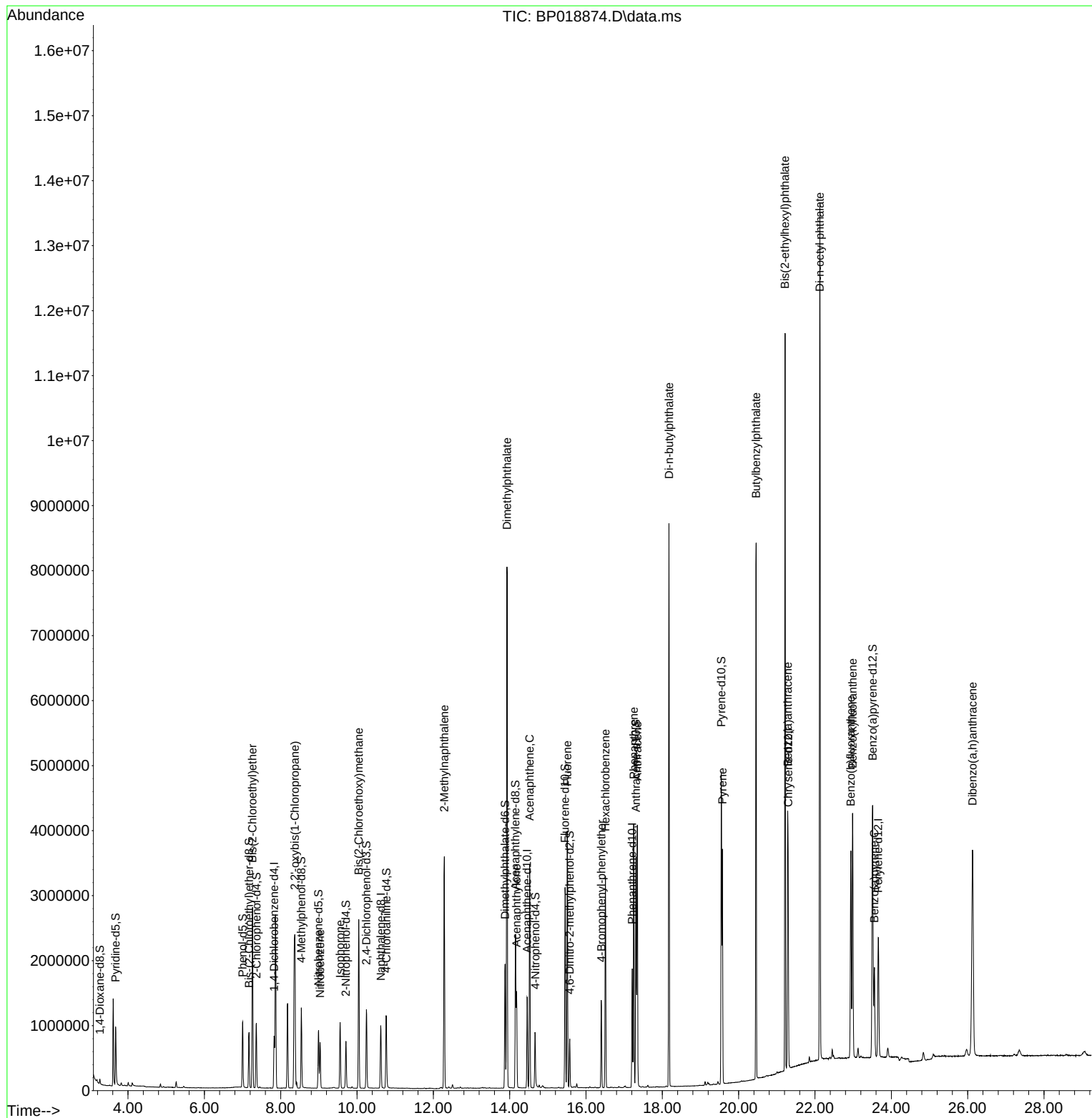
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

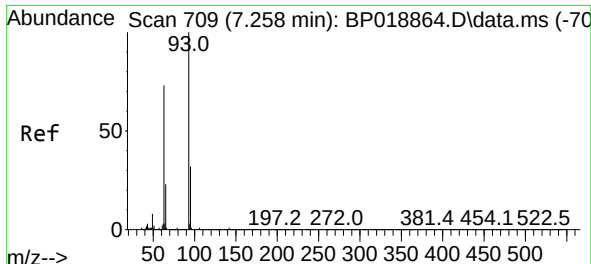
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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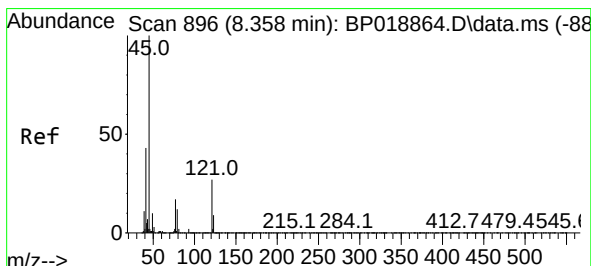
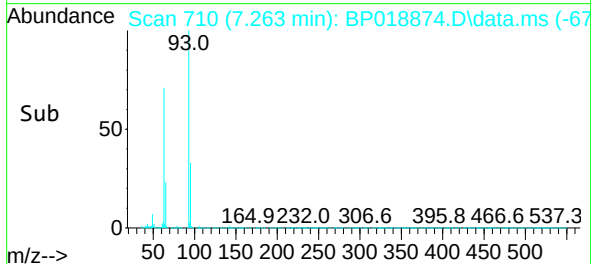
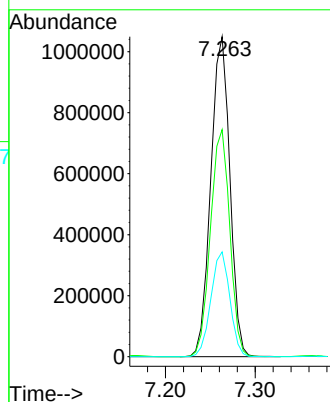
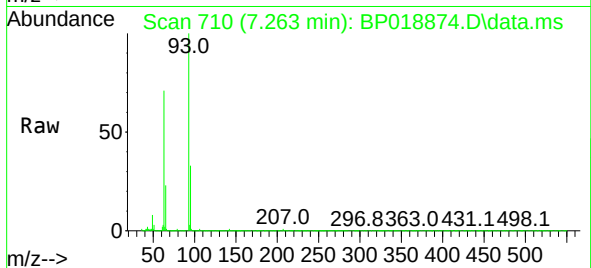


#10
 Bis(2-Chloroethyl)ether
 Concen: 86.642 ng/ul
 RT: 7.263 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: BP018874.D
 Acq: 15 Dec 2023 09:23

Instrument :
 BNA_P
 ClientSampleId :
 DCLD9

Tgt Ion: 93 Resp: 1551688

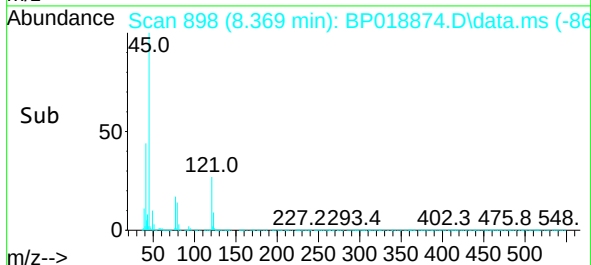
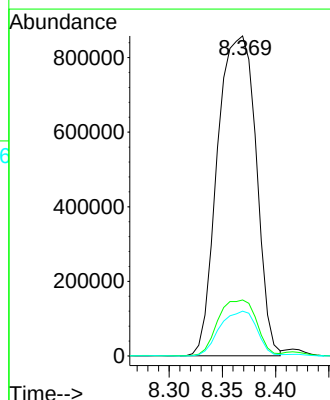
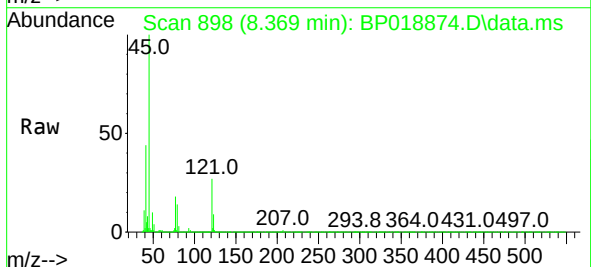
Ion	Ratio	Lower	Upper
93	100		
63	71.0	58.3	87.5
95	32.7	25.9	38.9

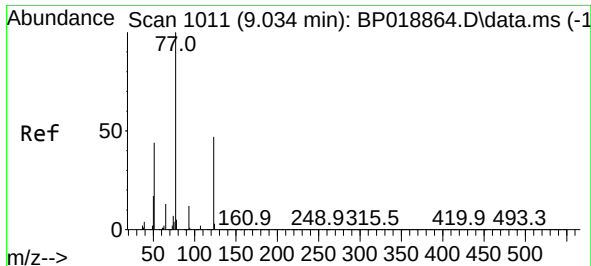


#14
 2,2'-oxybis(1-Chloropropane)
 Concen: 95.030 ng/ul
 RT: 8.369 min Scan# 898
 Delta R.T. 0.011 min
 Lab File: BP018874.D
 Acq: 15 Dec 2023 09:23

Tgt Ion: 45 Resp: 2159454

Ion	Ratio	Lower	Upper
45	100		
77	17.5	12.7	19.1
79	14.0	10.5	15.7

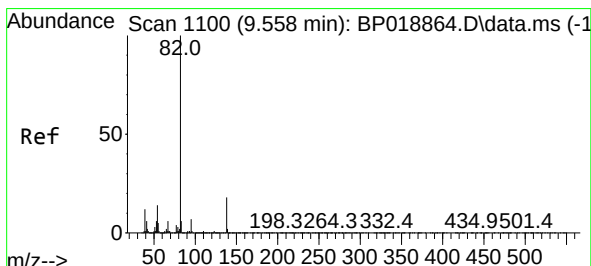
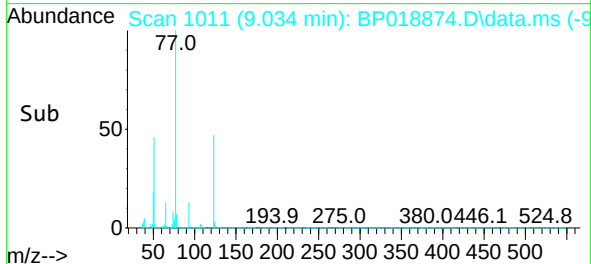
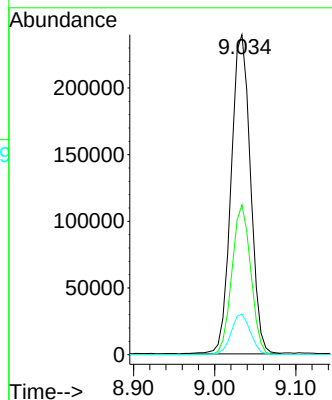
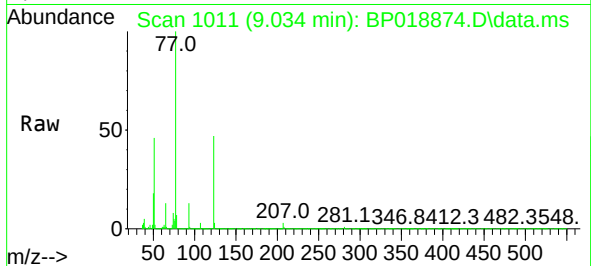




#22
Nitrobenzene
Concen: 22.552 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BP018874.D
Acq: 15 Dec 2023 09:23

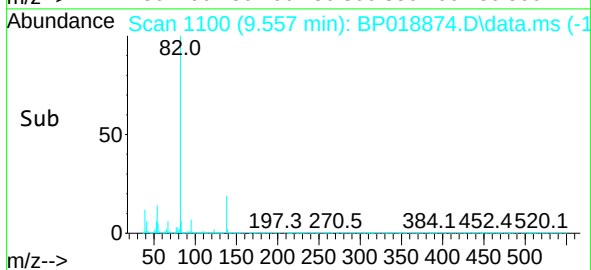
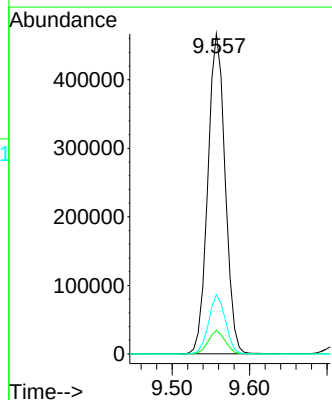
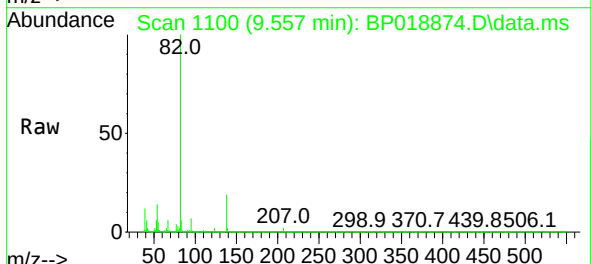
Instrument :
BNA_P
ClientSampleId :
DCLD9

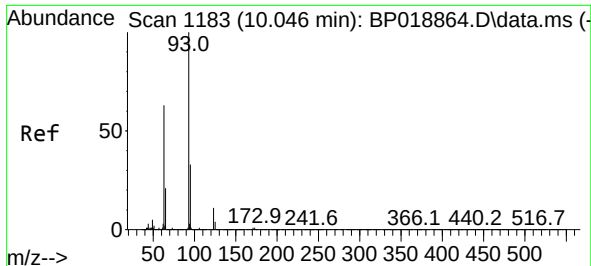
Tgt Ion: 77 Resp: 396402
Ion Ratio Lower Upper
77 100
123 46.9 35.8 53.8
65 12.7 10.5 15.7



#23
Isophorone
Concen: 20.195 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP018874.D
Acq: 15 Dec 2023 09:23

Tgt Ion: 82 Resp: 723740
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.5 13.5 20.3



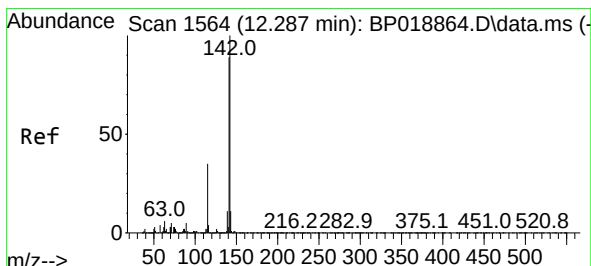
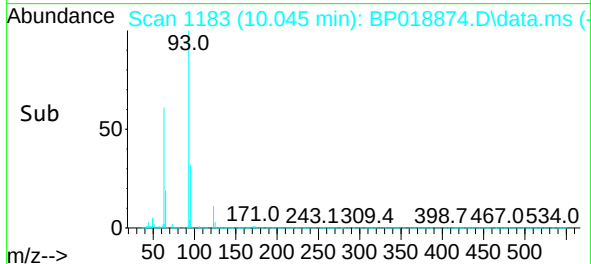
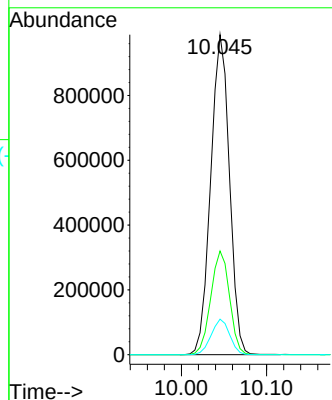
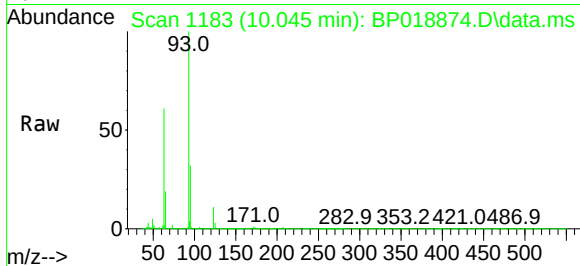


#27
 Bis(2-Chloroethoxy)methane
 Concen: 66.641 ng/ul
 RT: 10.045 min Scan# 1183
 Delta R.T. -0.000 min
 Lab File: BP018874.D
 Acq: 15 Dec 2023 09:23

Instrument :
 BNA_P
 ClientSampleId :
 DCLD9

Tgt Ion: 93 Resp: 1507792

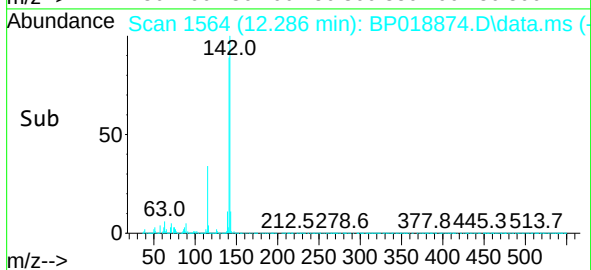
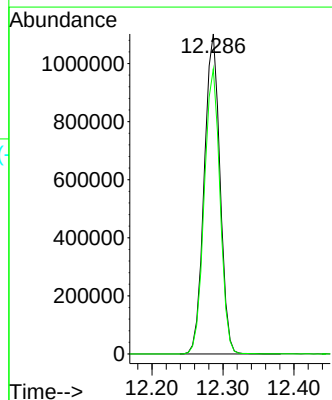
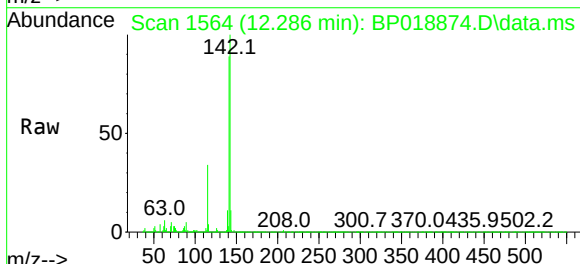
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.1	39.1
123	11.1	8.9	13.3

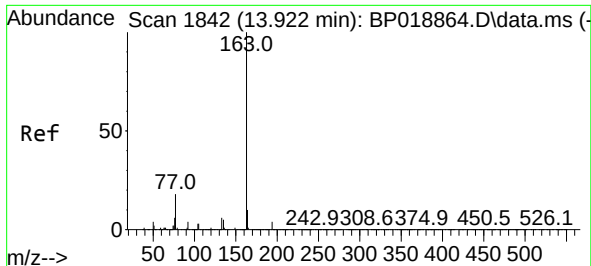


#36
 2-Methylnaphthalene
 Concen: 48.620 ng/ul
 RT: 12.286 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: BP018874.D
 Acq: 15 Dec 2023 09:23

Tgt Ion:142 Resp: 1697272

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.0

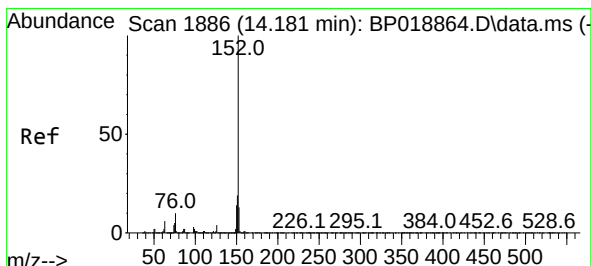
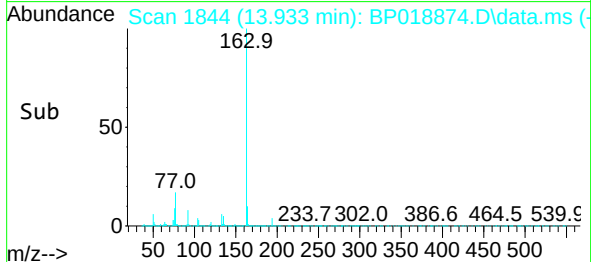
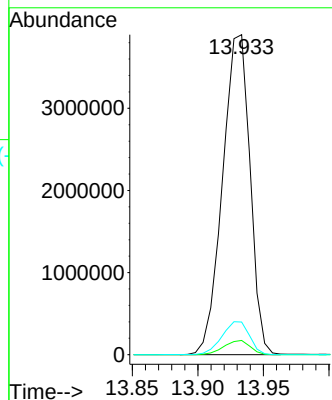
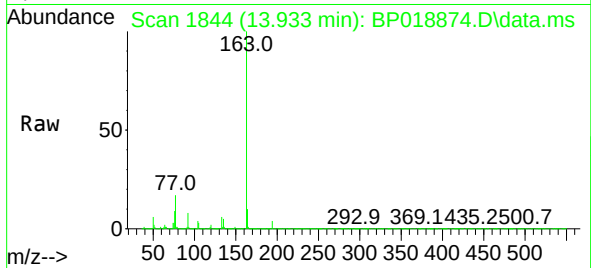




#47
Dimethylphthalate
Concen: 132.510 ng/ul
RT: 13.933 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BP018874.D
Acq: 15 Dec 2023 09:23

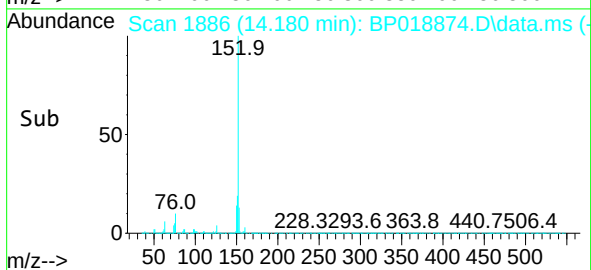
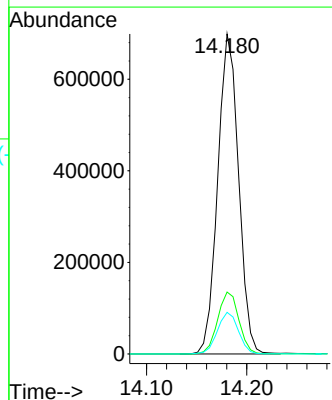
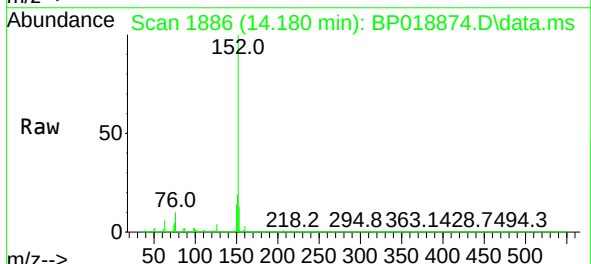
Instrument :
BNA_P
ClientSampleId :
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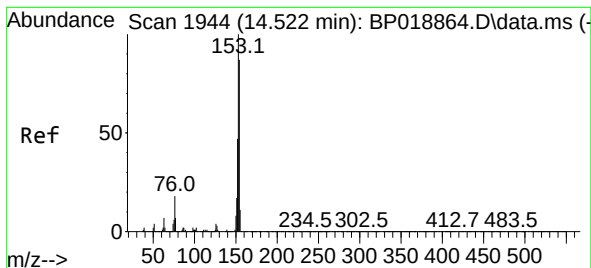
Tgt Ion:163 Resp: 5680547
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.2 8.0 12.0



#50
Acenaphthylene
Concen: 18.710 ng/ul
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP018874.D
Acq: 15 Dec 2023 09:23

Tgt Ion:152 Resp: 1008747
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.0 10.6 16.0





#52

Acenaphthene

Concen: 39.622 ng/ul

RT: 14.522 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

Instrument :

BNA_P

ClientSampleId :

DCLD9

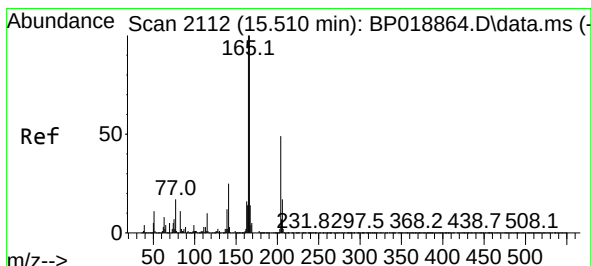
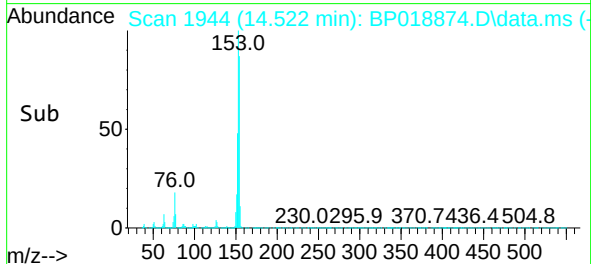
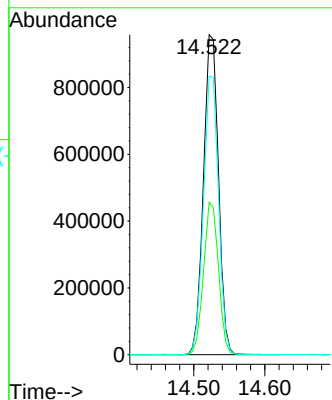
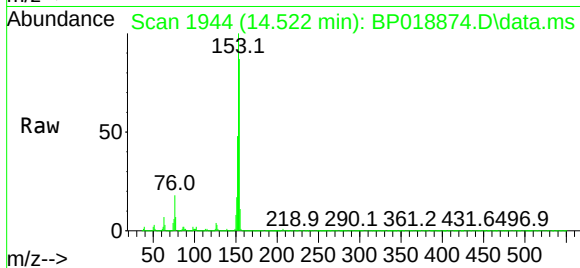
Tgt Ion:153 Resp: 1412490

Ion Ratio Lower Upper

153 100

152 47.7 38.1 57.1

154 87.1 71.7 107.5



#61

Fluorene

Concen: 44.176 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

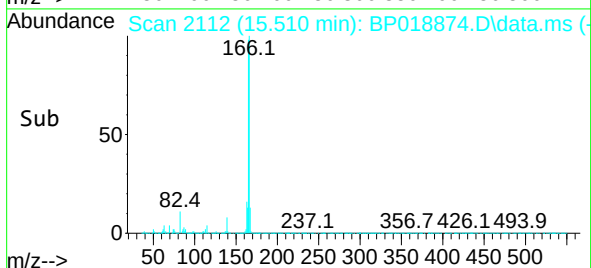
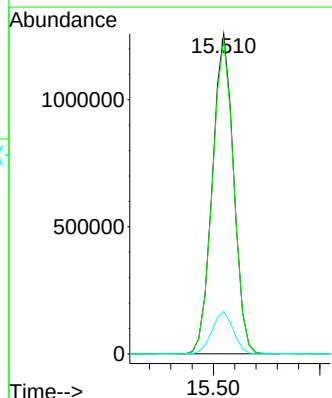
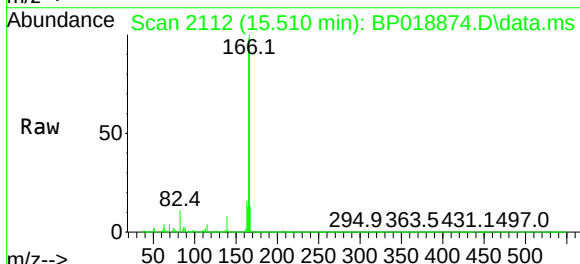
Tgt Ion:166 Resp: 1731891

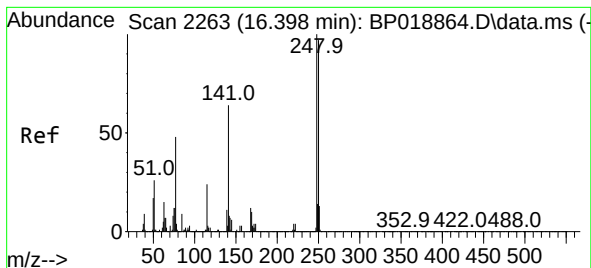
Ion Ratio Lower Upper

166 100

165 98.1 78.0 117.0

167 13.3 10.8 16.2

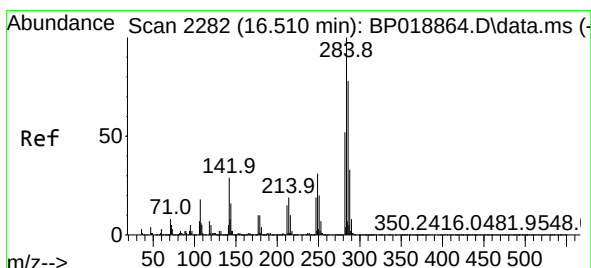
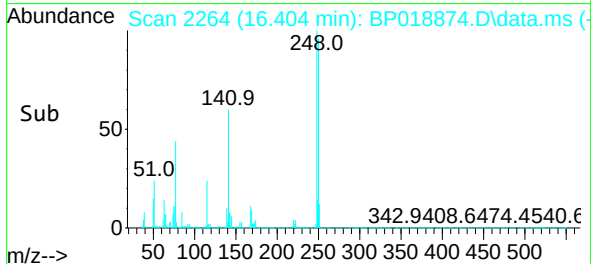
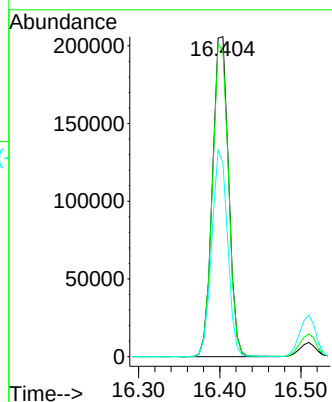
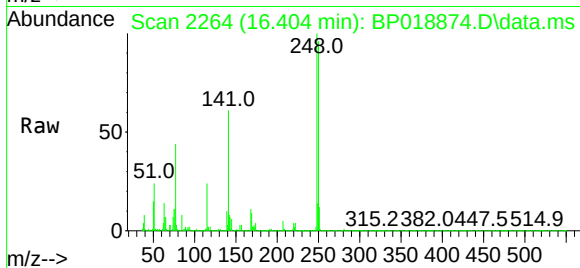




#68
4-Bromophenyl-phenylether
Concen: 20.399 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018874.D
Acq: 15 Dec 2023 09:23

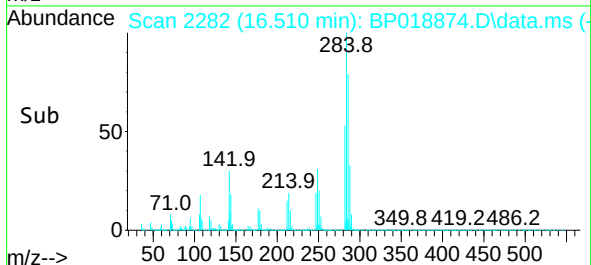
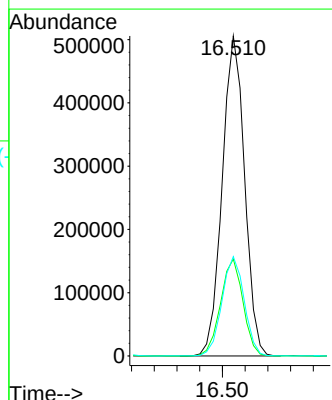
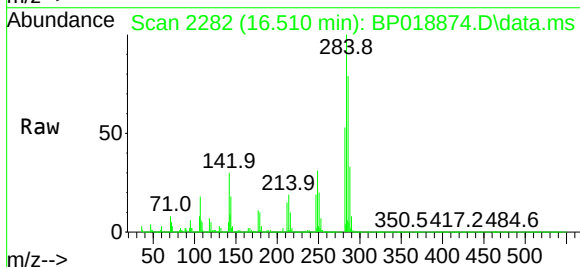
Instrument :
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DCLD9

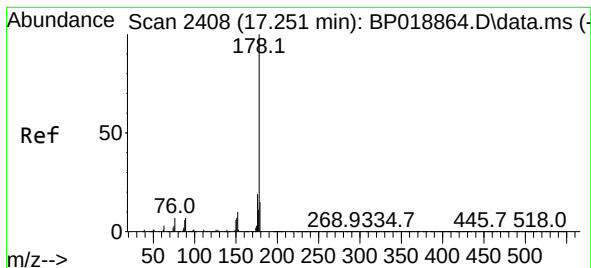
Tgt Ion:248 Resp: 284199
Ion Ratio Lower Upper
248 100
250 95.6 79.3 118.9
141 60.5 57.2 85.8



#69
Hexachlorobenzene
Concen: 44.482 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP018874.D
Acq: 15 Dec 2023 09:23

Tgt Ion:284 Resp: 691926
Ion Ratio Lower Upper
284 100
142 30.3 25.8 38.6
249 31.1 24.9 37.3





#72

Phenanthrene

Concen: 35.301 ng/u1

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

Instrument :

BNA_P

ClientSampleId :

DCLD9

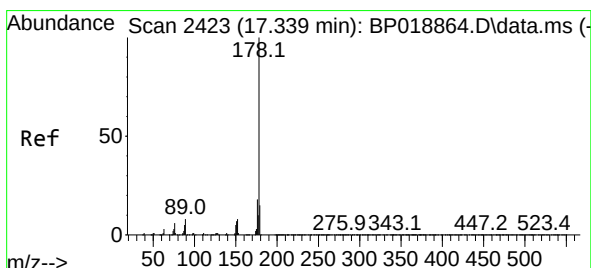
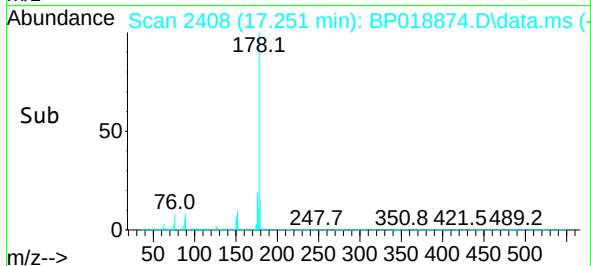
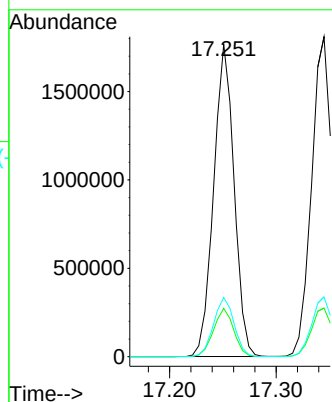
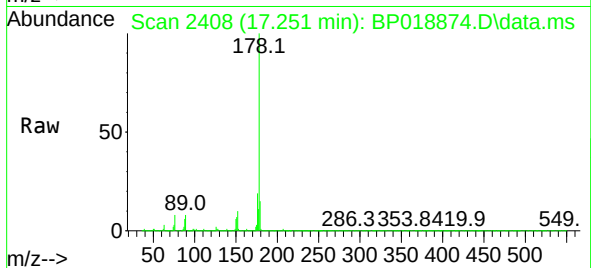
Tgt Ion:178 Resp: 2352882

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.9 15.4 23.2



#74

Anthracene

Concen: 37.176 ng/u1

RT: 17.345 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

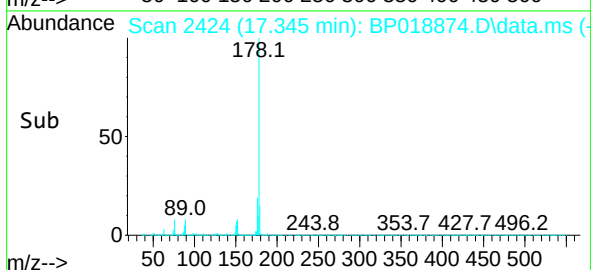
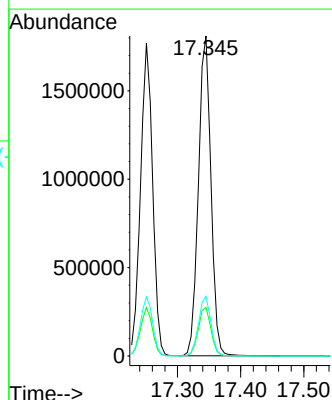
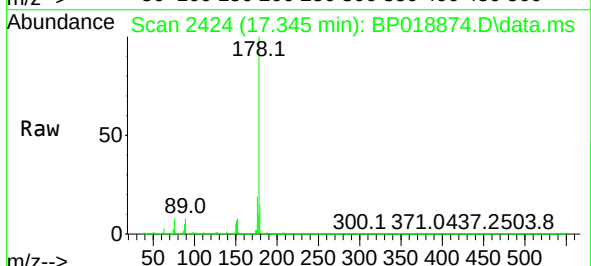
Tgt Ion:178 Resp: 2483719

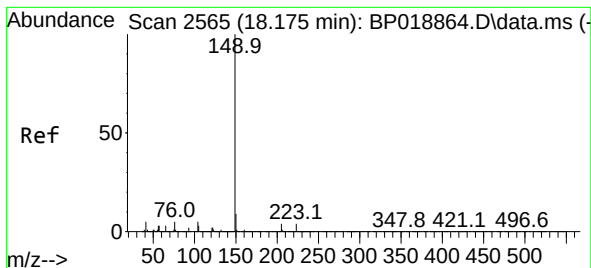
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.6 15.0 22.6





#78

Di-n-butylphthalate

Concen: 89.853 ng/ul

RT: 18.174 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

Instrument :

BNA_P

ClientSampleId :

DCLD9

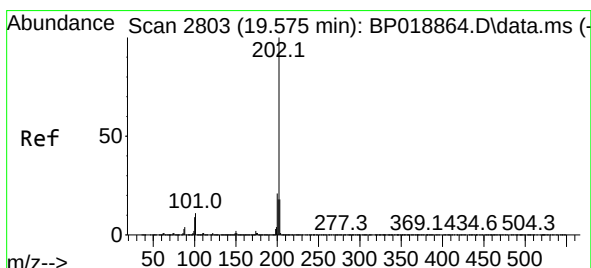
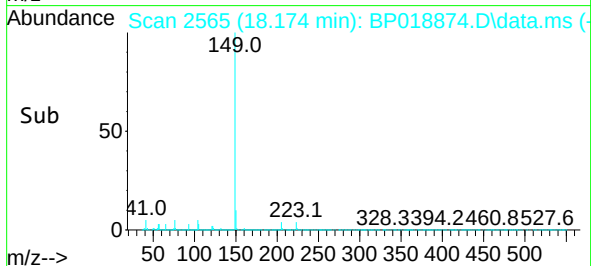
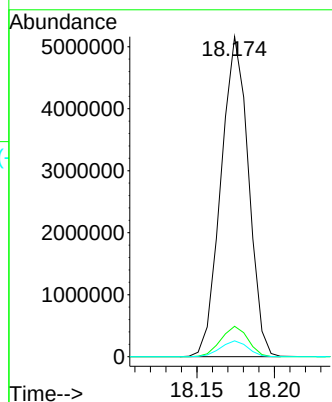
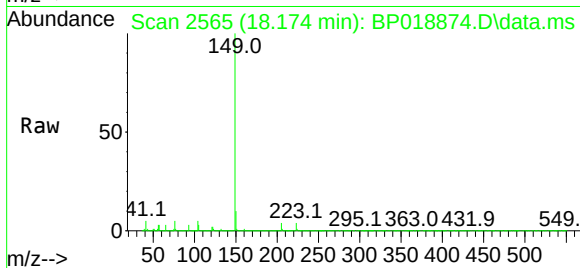
Tgt Ion:149 Resp: 6370650

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.9 3.9 5.9



#82

Pyrene

Concen: 17.880 ng/ul

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

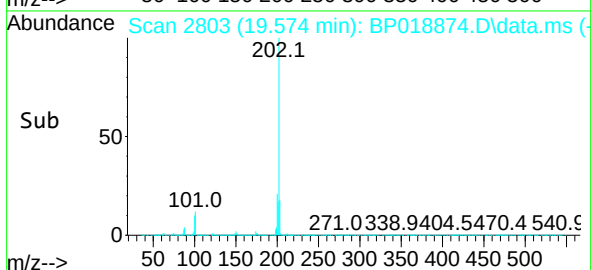
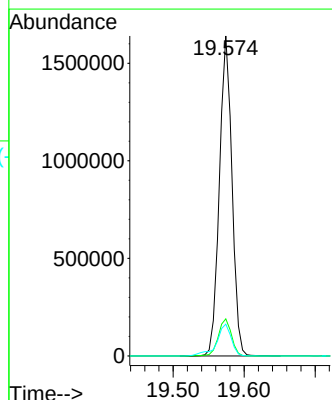
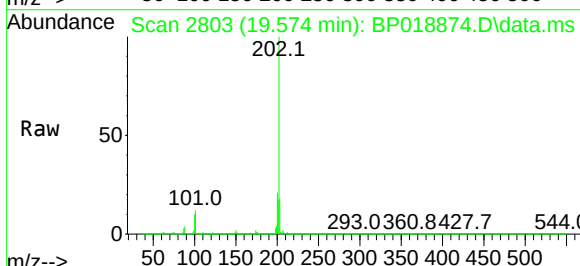
Tgt Ion:202 Resp: 2006652

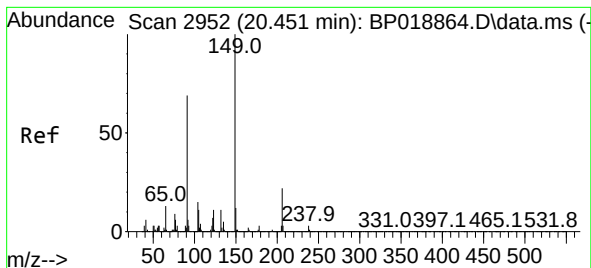
Ion Ratio Lower Upper

202 100

101 11.6 11.0 16.4

100 9.9 9.1 13.7





#83

Butylbenzylphthalate

Concen: 62.041 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.000 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

Instrument :

BNA_P

ClientSampleId :

DCLD9

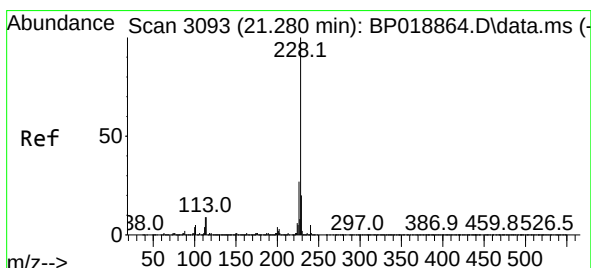
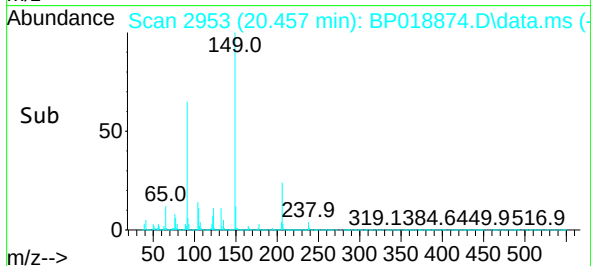
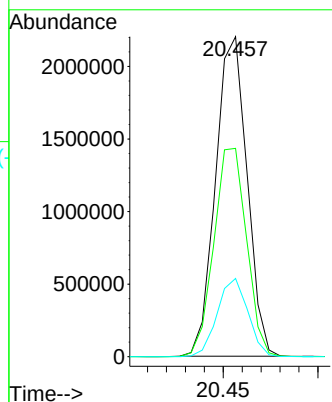
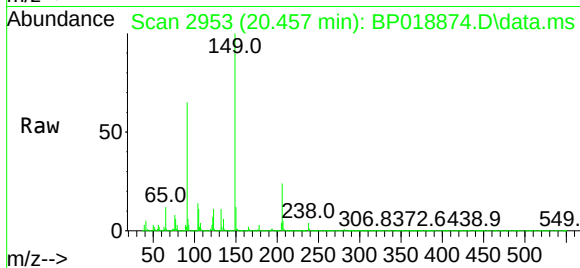
Tgt Ion:149 Resp: 2549028

Ion Ratio Lower Upper

149 100

91 65.1 56.6 85.0

206 24.5 17.4 26.0



#85

Benzo(a)anthracene

Concen: 17.487 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

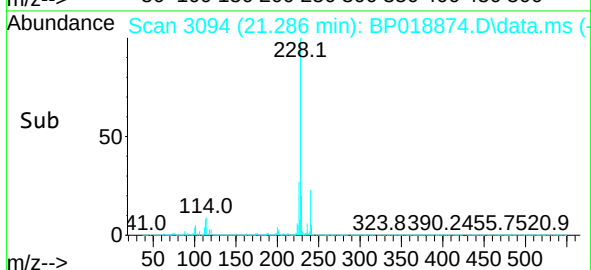
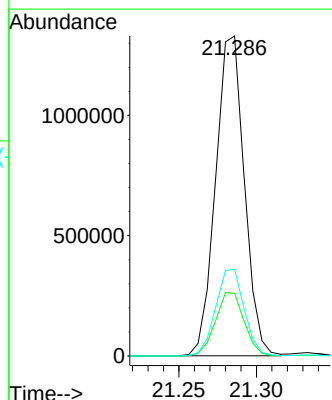
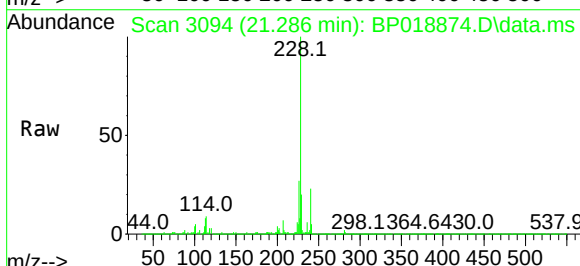
Tgt Ion:228 Resp: 1716138

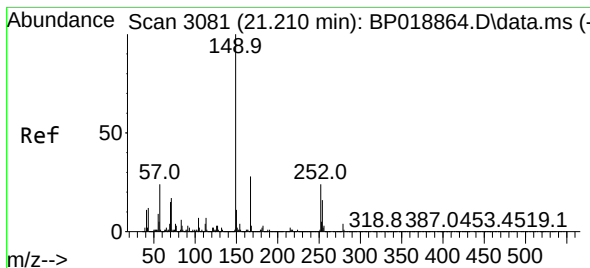
Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 27.1 21.9 32.9

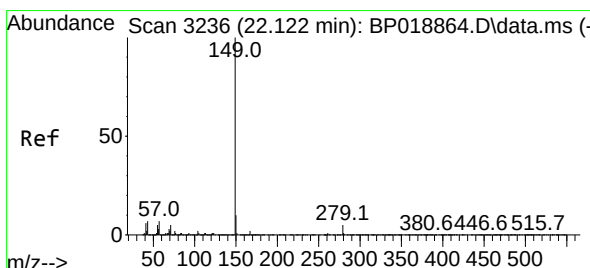
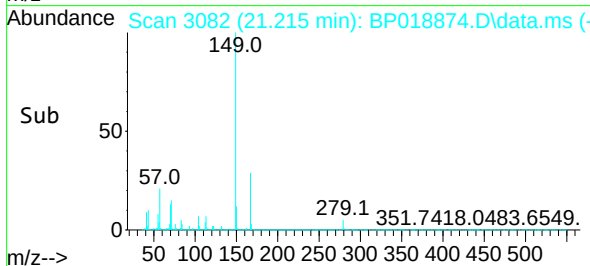
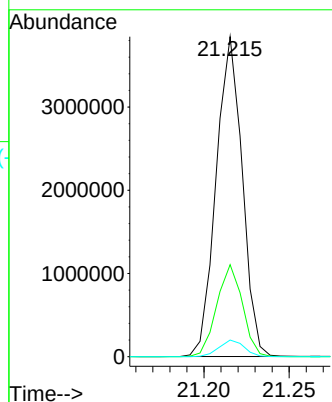
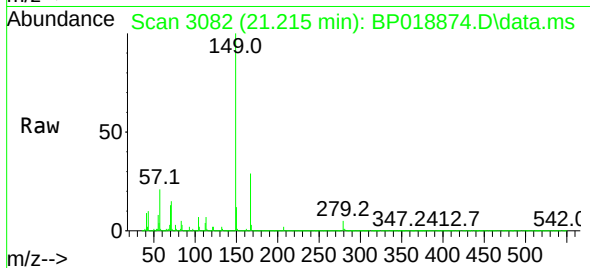




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 72.565 ng/ul
 RT: 21.215 min Scan# 3082
 Delta R.T. -0.000 min
 Lab File: BP018874.D
 Acq: 15 Dec 2023 09:23

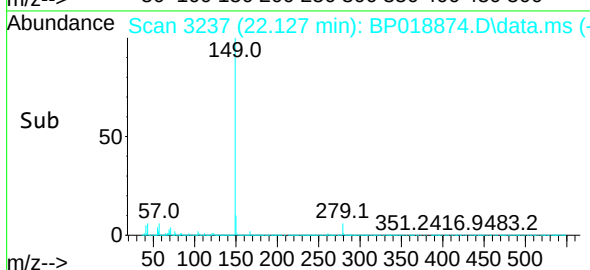
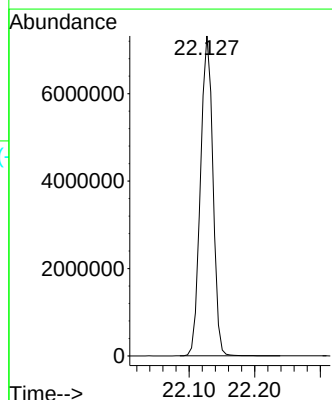
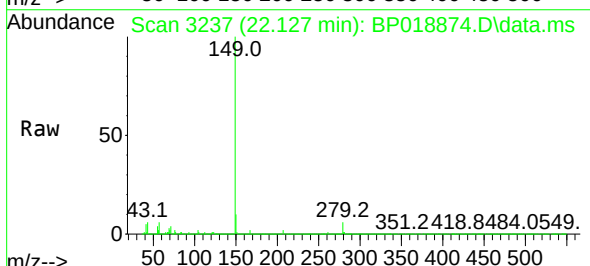
Instrument :
 BNA_P
 ClientSampleId :
 DCLD9

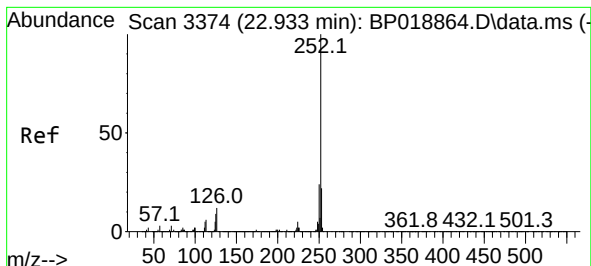
Tgt Ion:149 Resp: 4097800
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.2 33.2
 279 5.2 3.3 4.9#



#89
 Di-n-octyl phthalate
 Concen: 92.501 ng/ul
 RT: 22.127 min Scan# 3237
 Delta R.T. -0.000 min
 Lab File: BP018874.D
 Acq: 15 Dec 2023 09:23

Tgt Ion:149 Resp: 9663351





#90

Benzo(b)fluoranthene

Concen: 22.430 ng/ul

RT: 22.939 min Scan# 3374

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

Instrument :

BNA_P

ClientSampleId :

DCLD9

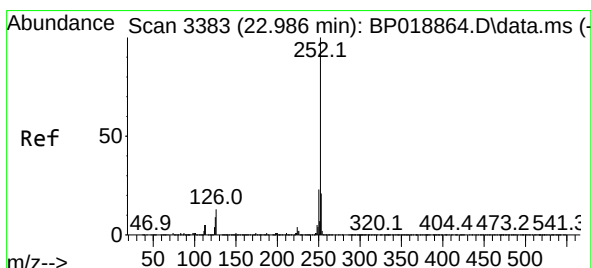
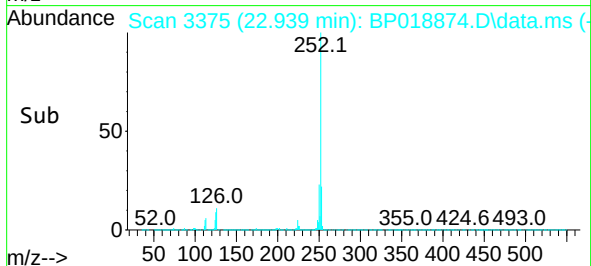
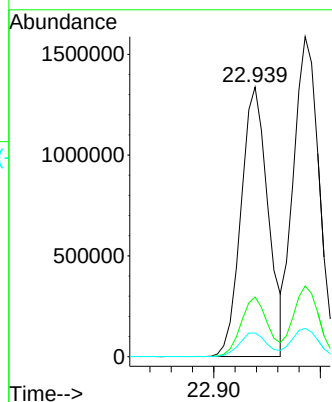
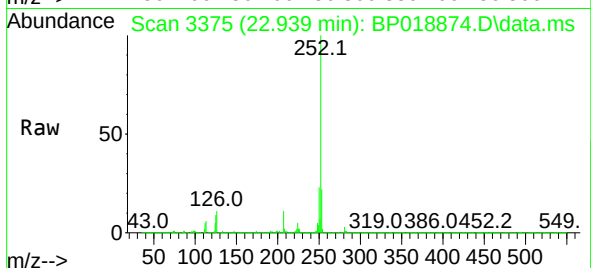
Tgt Ion:252 Resp: 2366205

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.8 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 25.871 ng/ul

RT: 22.986 min Scan# 3383

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

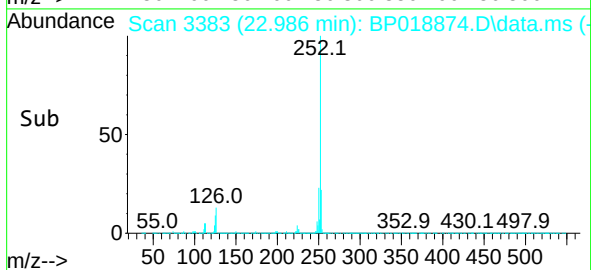
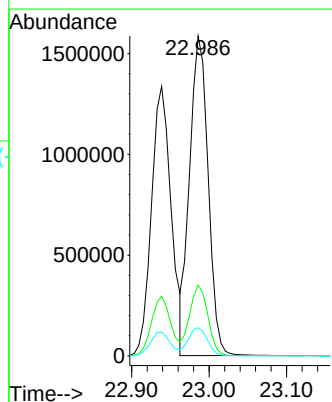
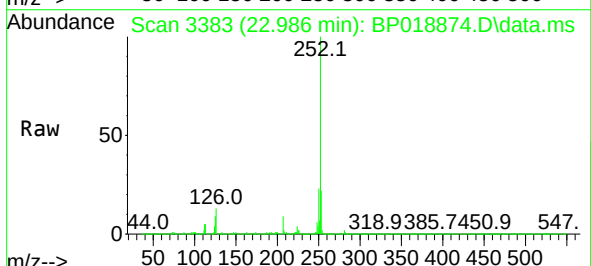
Tgt Ion:252 Resp: 2640752

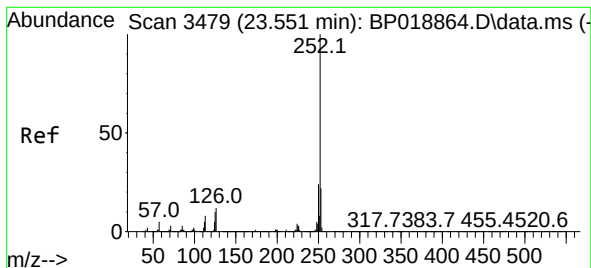
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.8 8.0 12.0





#93

Benzo(a)pyrene

Concen: 10.777 ng/ul

RT: 23.556 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

Instrument :

BNA_P

ClientSampleId :

DCLD9

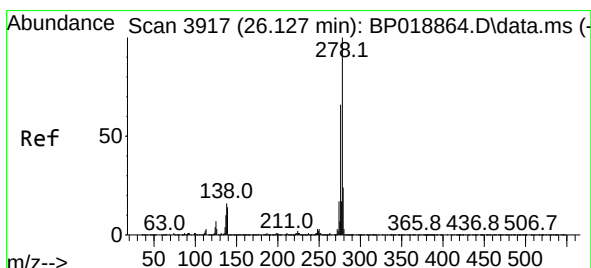
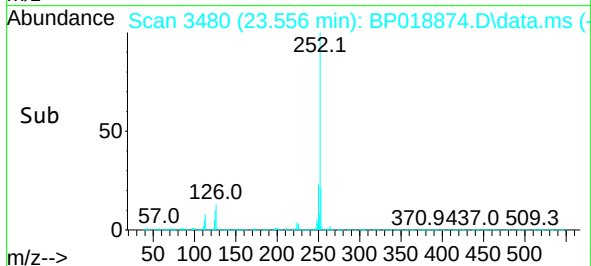
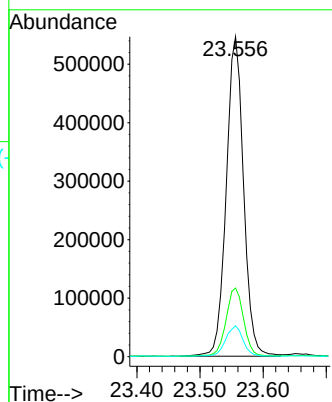
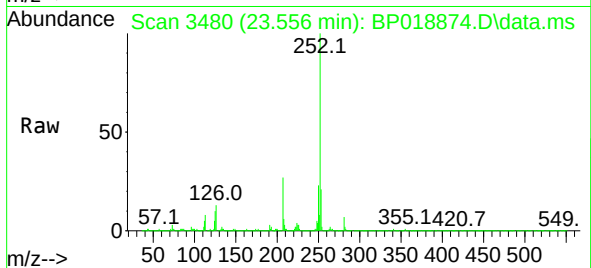
Tgt Ion:252 Resp: 1038863

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 9.6 9.2 13.8



#95

Dibenzo(a,h)anthracene

Concen: 38.174 ng/ul

RT: 26.127 min Scan# 3917

Delta R.T. -0.012 min

Lab File: BP018874.D

Acq: 15 Dec 2023 09:23

Tgt Ion:278 Resp: 3657321

Ion Ratio Lower Upper

278 100

139 14.0 13.0 19.6

279 24.1 18.7 28.1

