

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014749.D
 Acq On : 20 Apr 2023 10:48
 Operator : CG/JU
 Sample : 02296-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBJ6

Quant Time: Apr 20 11:19:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

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

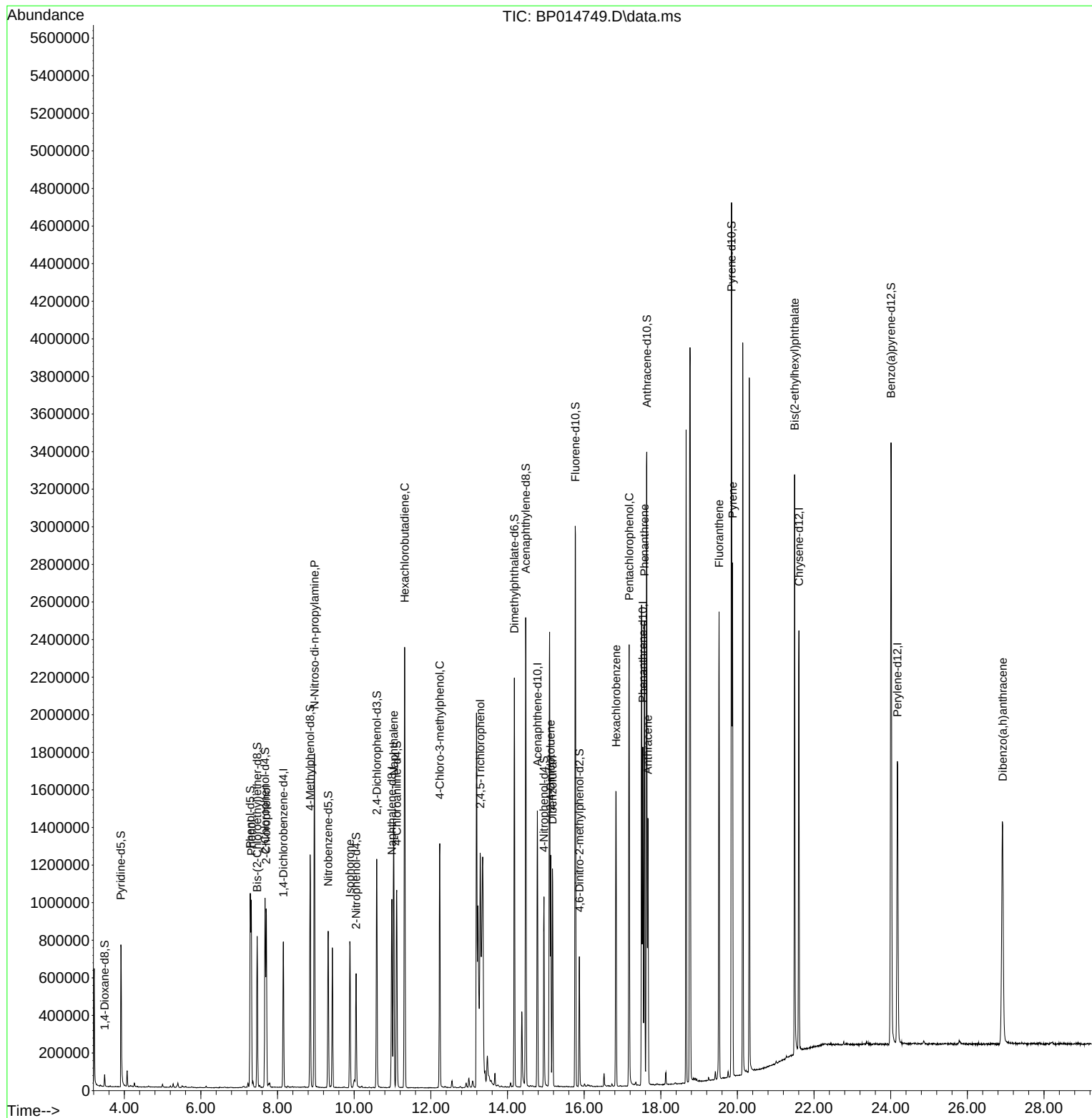
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	204714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	806395	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	487204	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1096954	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1072818	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1189794	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	27929	5.422	ng/uL	0.00
4) Pyridine-d5	3.911	84	414217	29.537	ng/u1	0.00
7) Phenol-d5	7.287	99	571318	32.278	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	341739	31.296	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	446911	33.999	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	466924	33.839	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	193667	38.327	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	192847	42.255	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	431118	34.790	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	574506	30.375	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	1378990	35.746	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1594441	35.664	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	218211	35.562	ng/u1	0.00
60) Fluorene-d10	15.769	176	1174066	35.468	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	136272	30.697	ng/u1	0.00
73) Anthracene-d10	17.634	188	1917594	36.186	ng/u1	0.00
81) Pyrene-d10	19.845	212	2305704	37.518	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	2431839	39.436	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.316	94	552587	29.910	ng/u1	97
12) 2-Chlorophenol	7.705	128	419193	30.496	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	665763	59.636	ng/u1#	96
23) Isophorone	9.887	82	552463	17.820	ng/u1	99
30) Naphthalene	11.028	128	1178376	26.074	ng/u1	100
33) Hexachlorobutadiene	11.316	225	507515	57.366	ng/u1	98
35) 4-Chloro-3-methylphenol	12.234	107	433421	33.157	ng/u1	98
42) 2,4,5-Trichlorophenol	13.287	196	209241	20.828	ng/u1	97
56) Dibenzofuran	15.175	168	738964	15.893	ng/u1	97
57) 2,4-Dinitrotoluene	15.128	165	315743	40.601	ng/u1	97
69) Hexachlorobenzene	16.834	284	337579	23.666	ng/u1	99
71) Pentachlorophenol	17.175	266	395056	50.878	ng/u1	99
72) Phenanthrene	17.575	178	1453356	23.508	ng/u1	99
74) Anthracene	17.663	178	833243	13.294	ng/u1	99
80) Fluoranthene	19.522	202	1396125	19.526	ng/u1	99
82) Pyrene	19.875	202	1571954	20.776	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	1060577	30.438	ng/u1	99
95) Dibenzo(a,h)anthracene	26.921	278	1444519	19.254	ng/u1	98

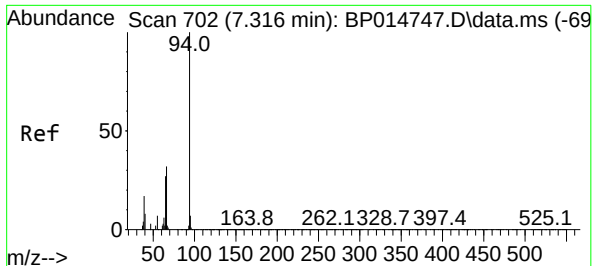
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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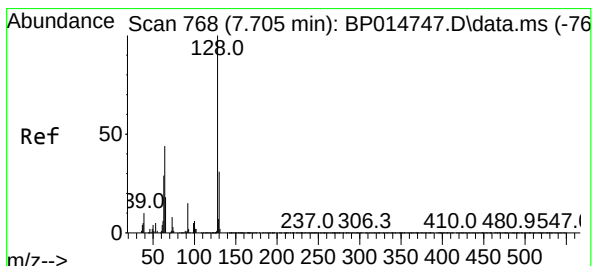
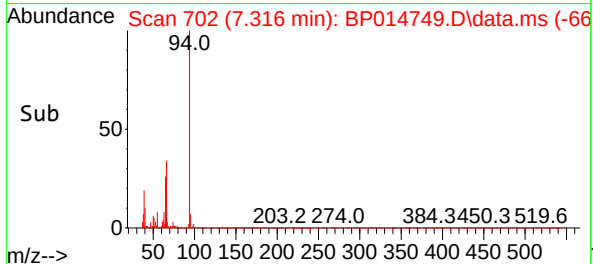
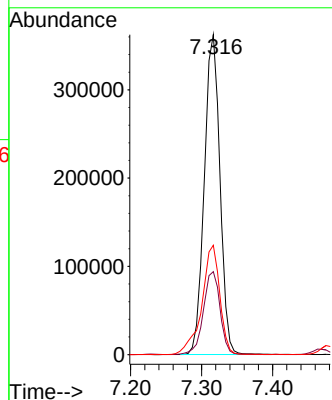
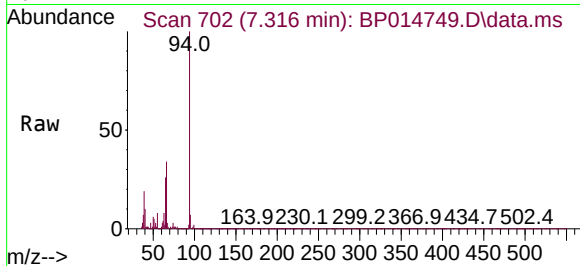




#8
Phenol
Concen: 29.910 ng/ul
RT: 7.316 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

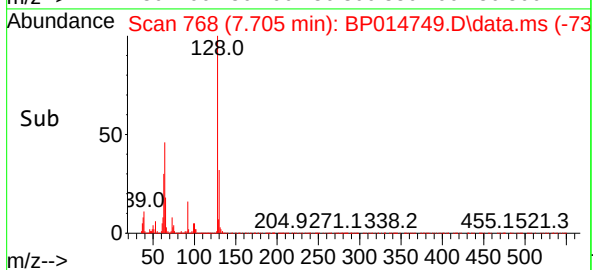
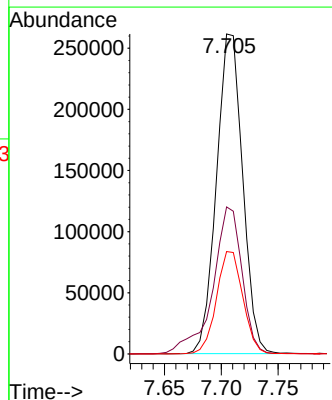
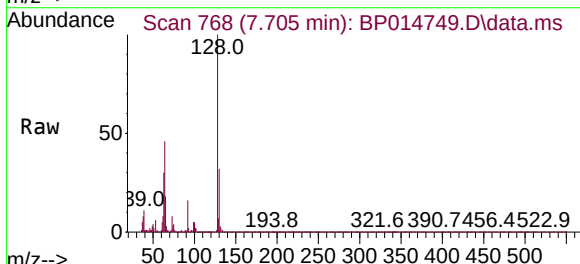
Instrument :
BNA_P
ClientSampleId :
DCBJ6

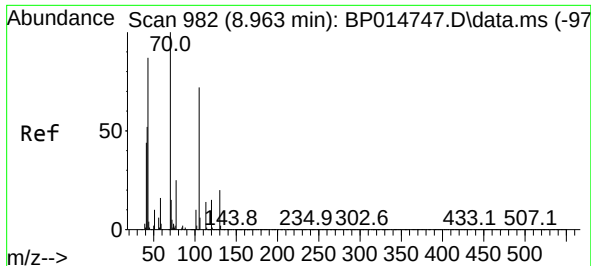
Tgt Ion: 94 Resp: 552587
Ion Ratio Lower Upper
94 100
65 26.0 21.4 32.0
66 34.2 29.2 43.8



#12
2-Chlorophenol
Concen: 30.496 ng/ul
RT: 7.705 min Scan# 768
Delta R.T. -0.006 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion:128 Resp: 419193
Ion Ratio Lower Upper
128 100
64 45.9 37.5 56.3
130 32.0 25.8 38.6



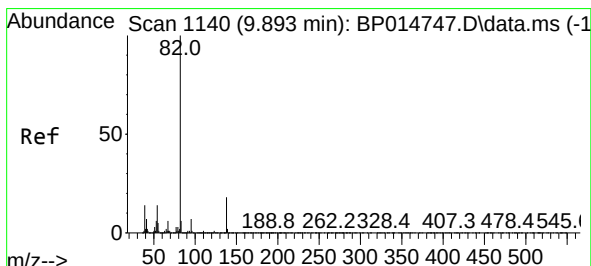
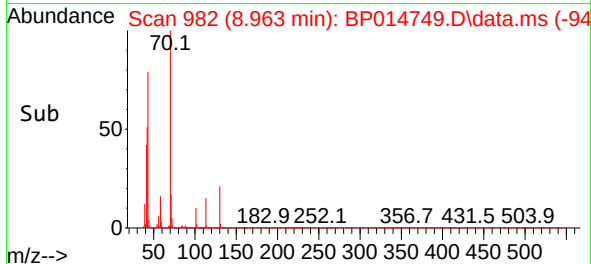
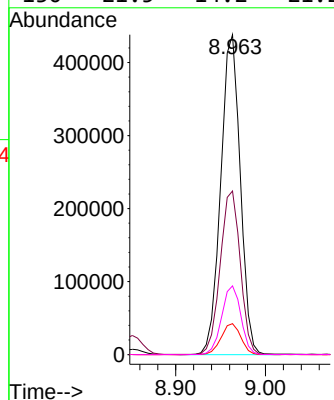
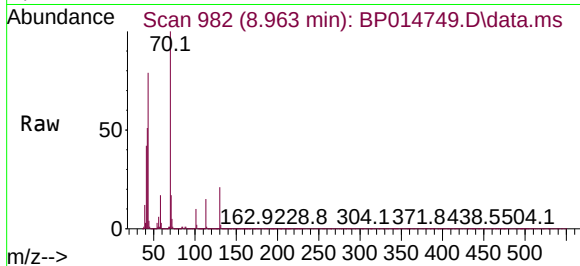


#17
N-Nitroso-di-n-propylamine
Concen: 59.636 ng/ul
RT: 8.963 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Instrument :
BNA_P
ClientSampleId :
DCBJ6

Tgt Ion: 70 Resp: 665763

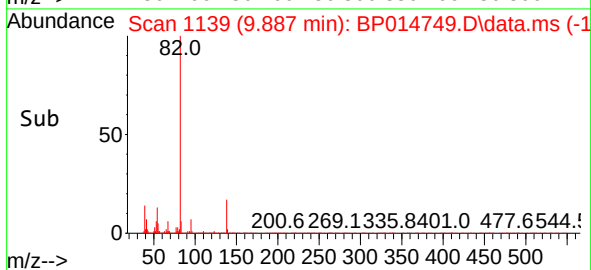
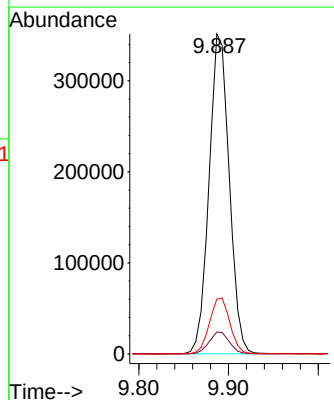
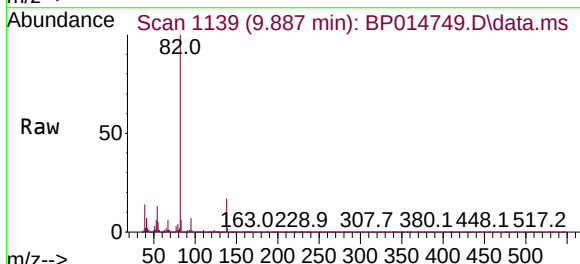
Ion	Ratio	Lower	Upper
70	100		
42	51.1	42.9	64.3
101	9.7	7.6	11.4
130	21.5	14.2	21.2

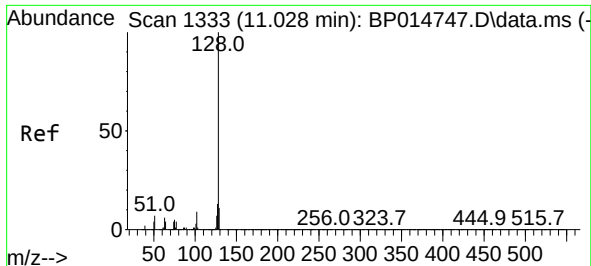


#23
Isophorone
Concen: 17.820 ng/ul
RT: 9.887 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion: 82 Resp: 552463

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.8
138	17.1	13.6	20.4

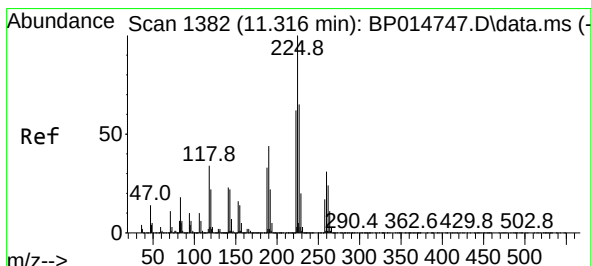
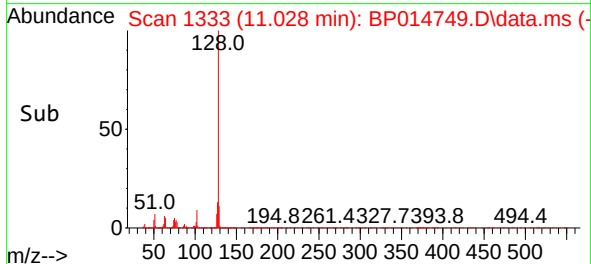
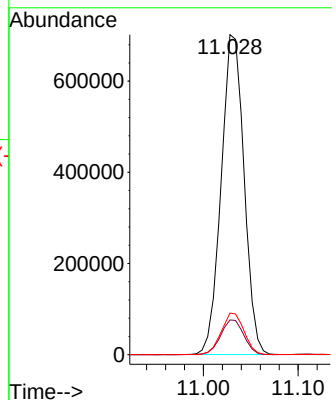
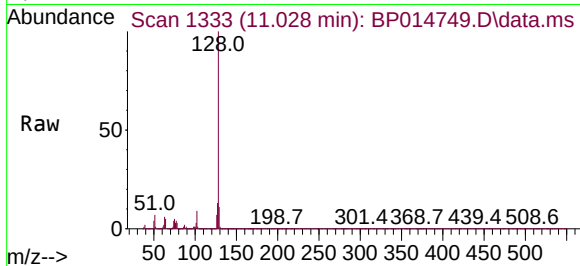




#30
Naphthalene
Concen: 26.074 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

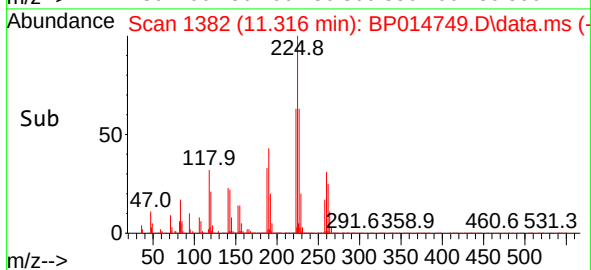
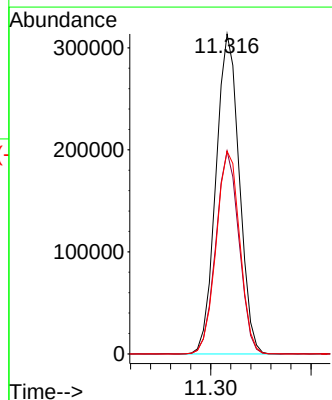
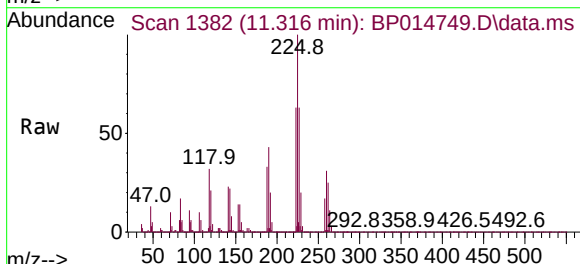
Instrument :
BNA_P
ClientSampleId :
DCBJ6

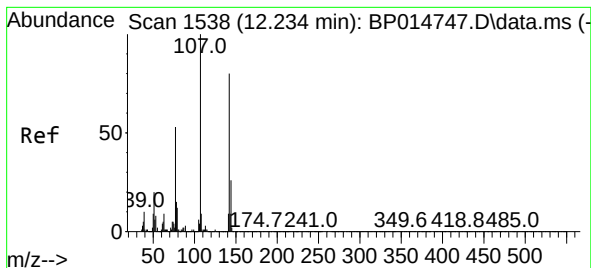
Tgt Ion:128 Resp: 1178376
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6



#33
Hexachlorobutadiene
Concen: 57.366 ng/ul
RT: 11.316 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion:225 Resp: 507515
Ion Ratio Lower Upper
225 100
223 63.4 49.2 73.8
227 63.3 49.4 74.2

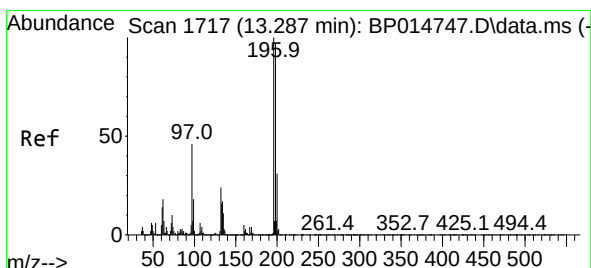
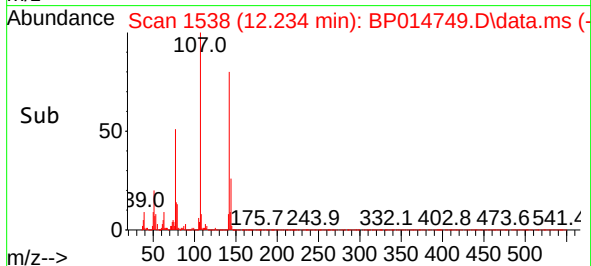
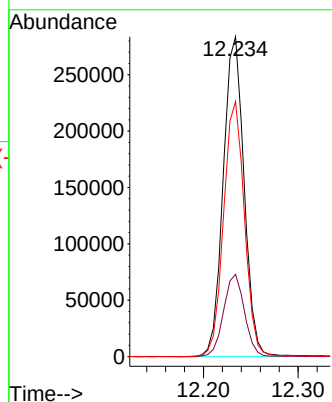
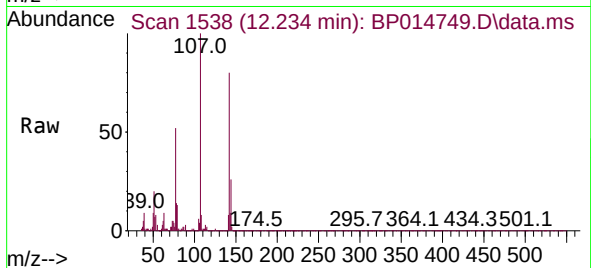




#35
4-Chloro-3-methylphenol
Concen: 33.157 ng/ul
RT: 12.234 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

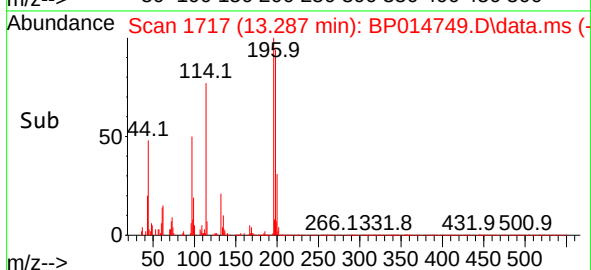
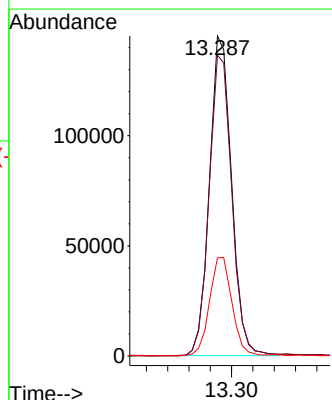
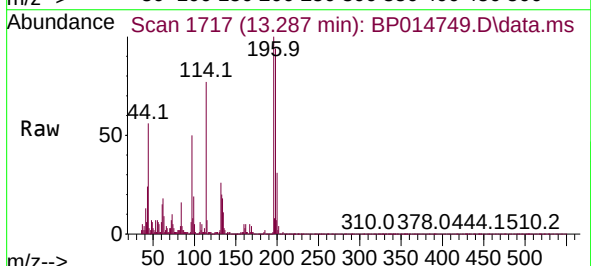
Instrument :
BNA_P
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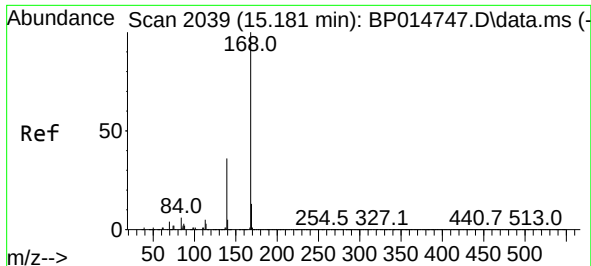
Tgt Ion:107 Resp: 433421
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 79.7 61.9 92.9



#42
2,4,5-Trichlorophenol
Concen: 20.828 ng/ul
RT: 13.287 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion:196 Resp: 209241
Ion Ratio Lower Upper
196 100
198 94.0 78.0 117.0
200 30.6 24.7 37.1

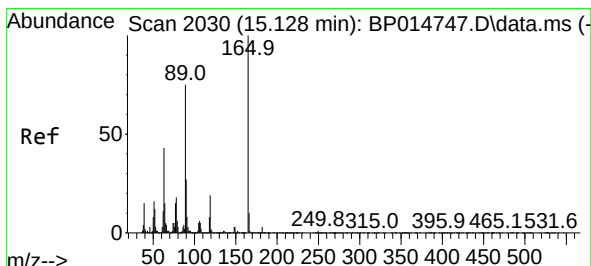
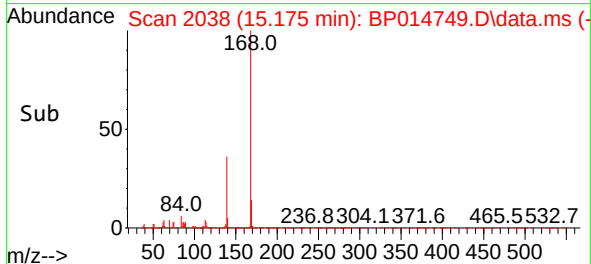
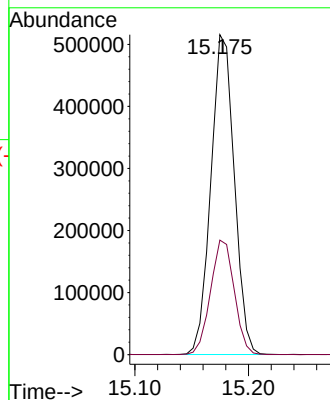
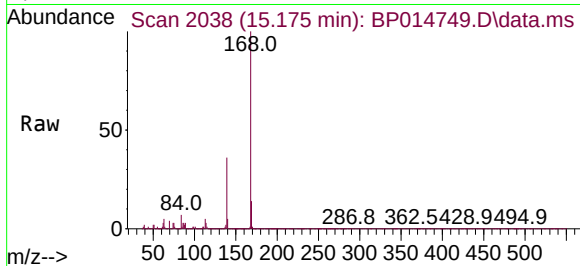




#56
Dibenzofuran
Concen: 15.893 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

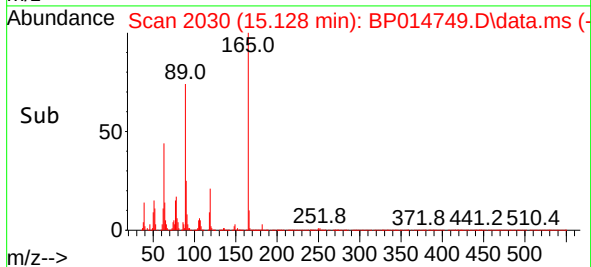
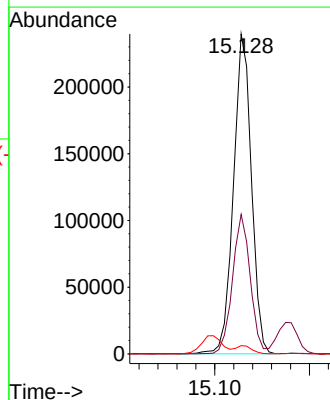
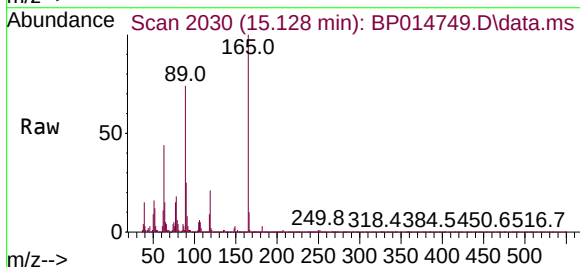
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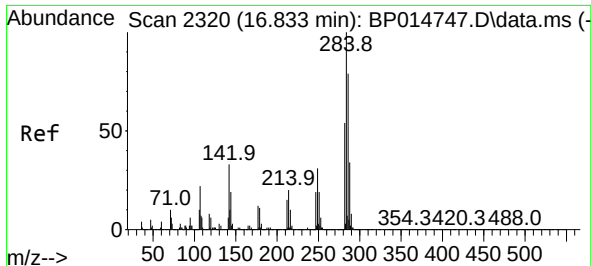
Tgt Ion:168 Resp: 738964
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.8



#57
2,4-Dinitrotoluene
Concen: 40.601 ng/ul
RT: 15.128 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion:165 Resp: 315743
Ion Ratio Lower Upper
165 100
63 43.6 36.6 54.8
182 2.6 2.1 3.1

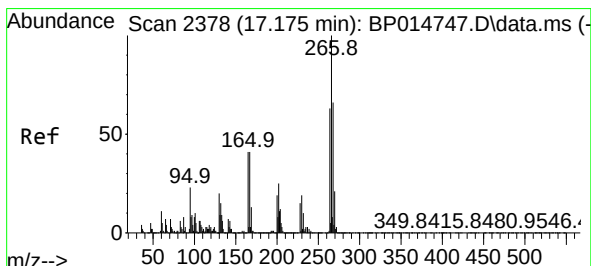
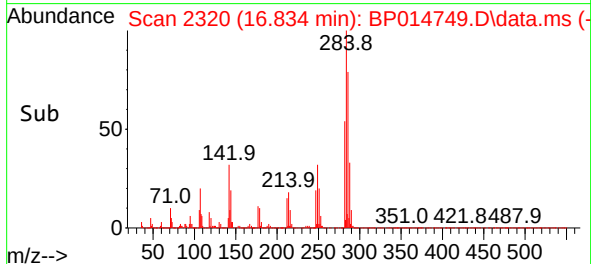
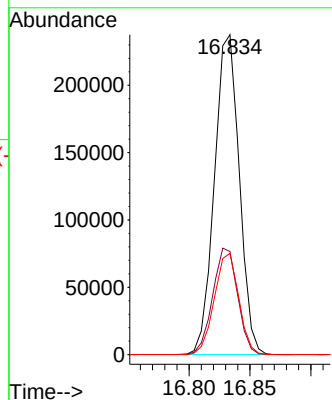
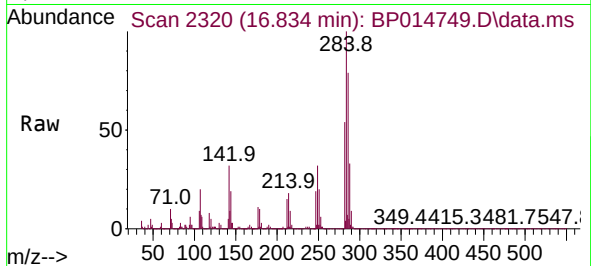




#69
Hexachlorobenzene
Concen: 23.666 ng/ul
RT: 16.834 min Scan# 2320
Delta R.T. -0.000 min
Lab File: BP014749.D
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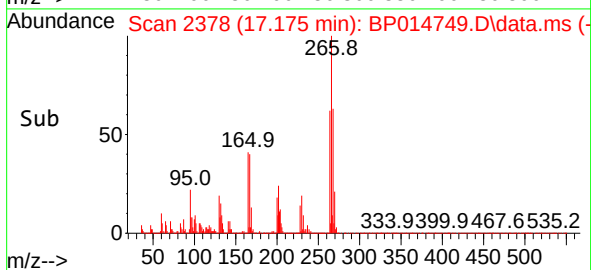
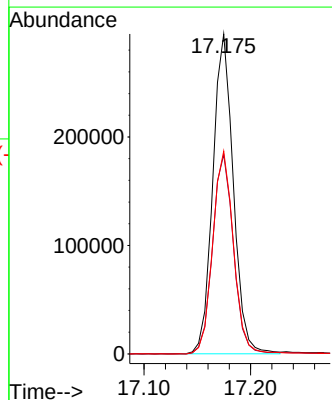
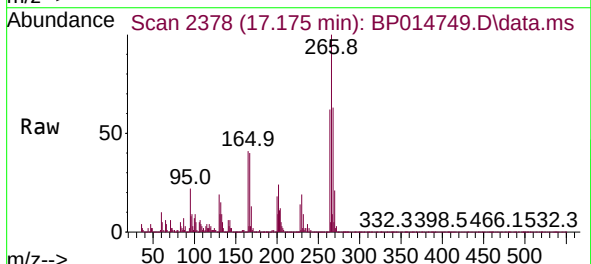
Instrument :
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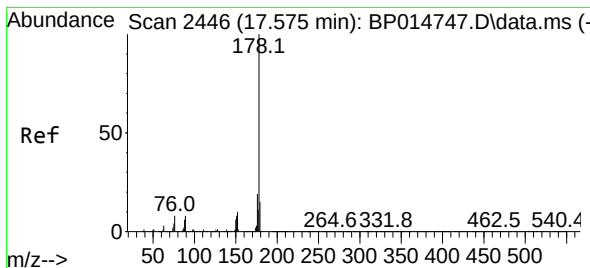
Tgt Ion:284 Resp: 337579
Ion Ratio Lower Upper
284 100
142 32.2 25.1 37.7
249 31.6 25.2 37.8



#71
Pentachlorophenol
Concen: 50.878 ng/ul
RT: 17.175 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion:266 Resp: 395056
Ion Ratio Lower Upper
266 100
264 62.3 50.2 75.4
268 63.4 49.8 74.6





#72

Phenanthrene

Concen: 23.508 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014749.D

Acq: 20 Apr 2023 10:48

Instrument :

BNA_P

ClientSampleId :

DCBJ6

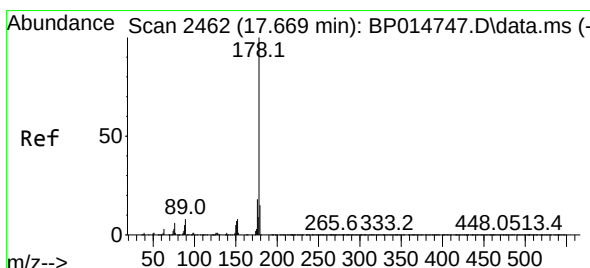
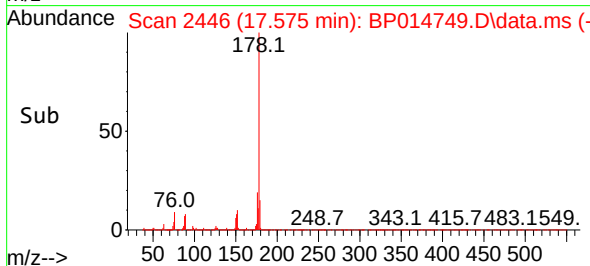
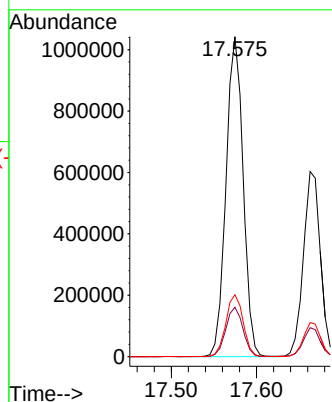
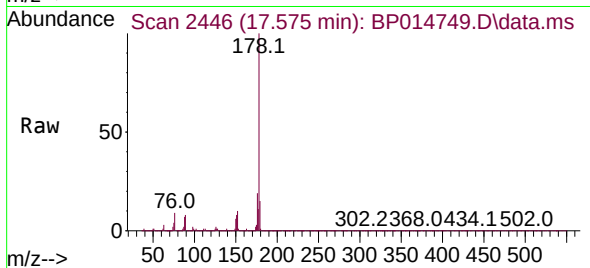
Tgt Ion:178 Resp: 1453356

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 19.4 15.3 22.9



#74

Anthracene

Concen: 13.294 ng/ul

RT: 17.663 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BP014749.D

Acq: 20 Apr 2023 10:48

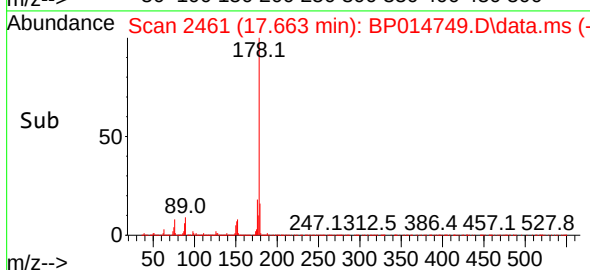
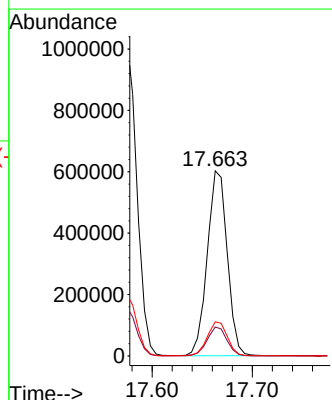
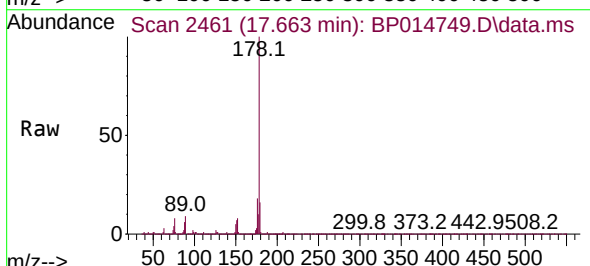
Tgt Ion:178 Resp: 833243

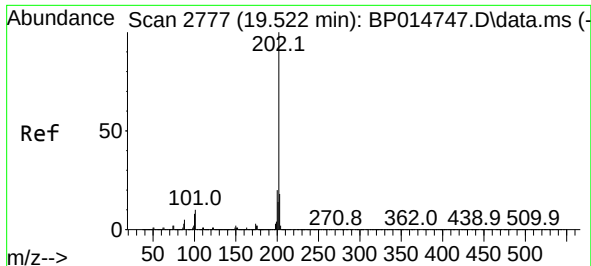
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.4 15.1 22.7

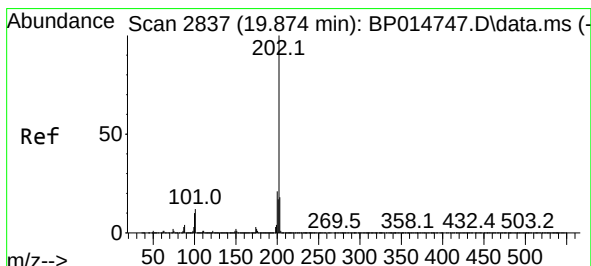
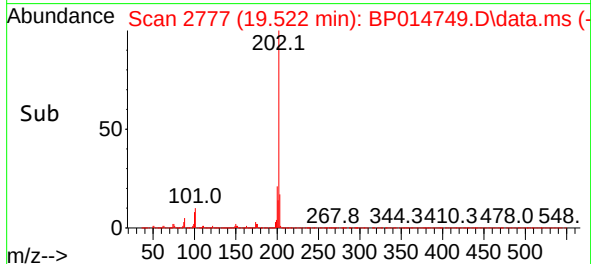
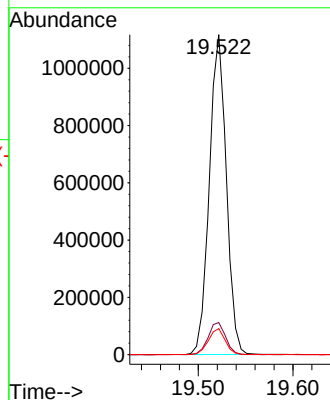
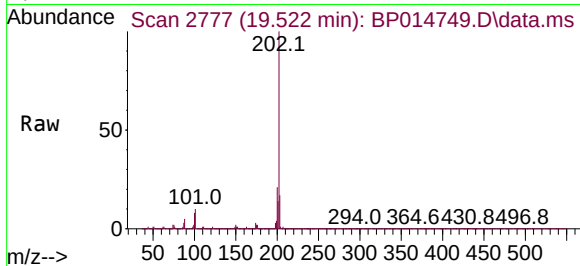




#80
Fluoranthene
Concen: 19.526 ng/ul
RT: 19.522 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

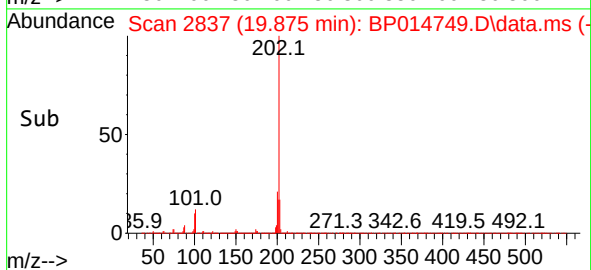
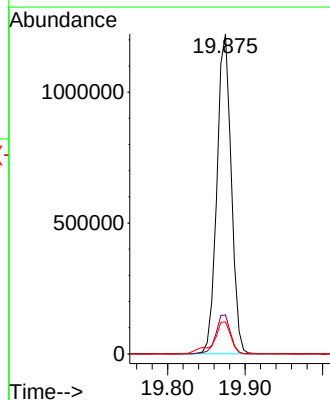
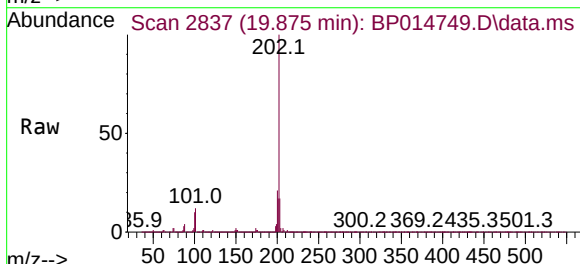
Instrument :
BNA_P
ClientSampleId :
DCBJ6

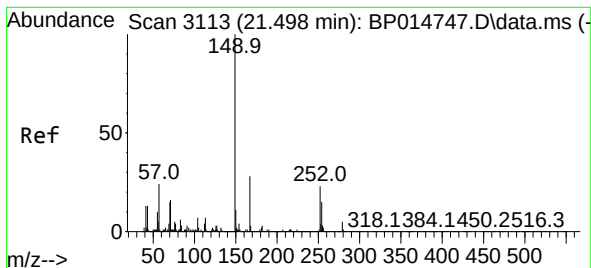
Tgt Ion:202 Resp: 1396125
Ion Ratio Lower Upper
202 100
101 10.0 8.4 12.6
100 8.1 6.4 9.6



#82
Pyrene
Concen: 20.776 ng/ul
RT: 19.875 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion:202 Resp: 1571954
Ion Ratio Lower Upper
202 100
101 12.2 9.4 14.0
100 10.0 8.0 12.0

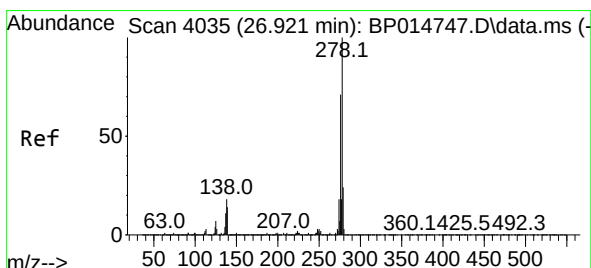
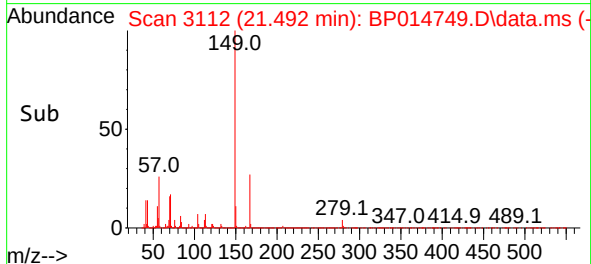
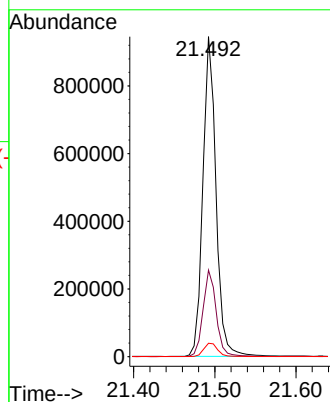
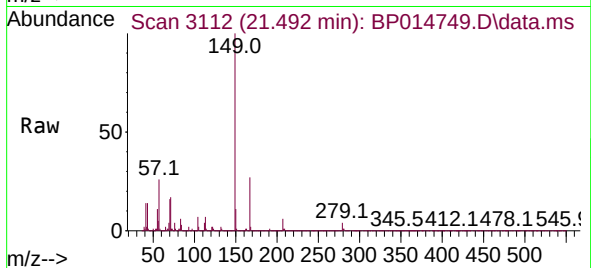




#86
Bis(2-ethylhexyl)phthalate
Concen: 30.438 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Instrument :
BNA_P
ClientSampleId :
DCBJ6

Tgt Ion:149 Resp: 1060577
Ion Ratio Lower Upper
149 100
167 27.0 22.0 33.0
279 4.2 3.6 5.4



#95
Dibenzo(a,h)anthracene
Concen: 19.254 ng/ul
RT: 26.921 min Scan# 4035
Delta R.T. -0.000 min
Lab File: BP014749.D
Acq: 20 Apr 2023 10:48

Tgt Ion:278 Resp: 1444519
Ion Ratio Lower Upper
278 100
139 13.5 11.5 17.3
279 23.8 18.6 27.8

