

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011224\
 Data File : BP019325.D
 Acq On : 12 Jan 2024 12:00
 Operator : MA/JU
 Sample : P1016-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCML5

Quant Time: Jan 12 12:30:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

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

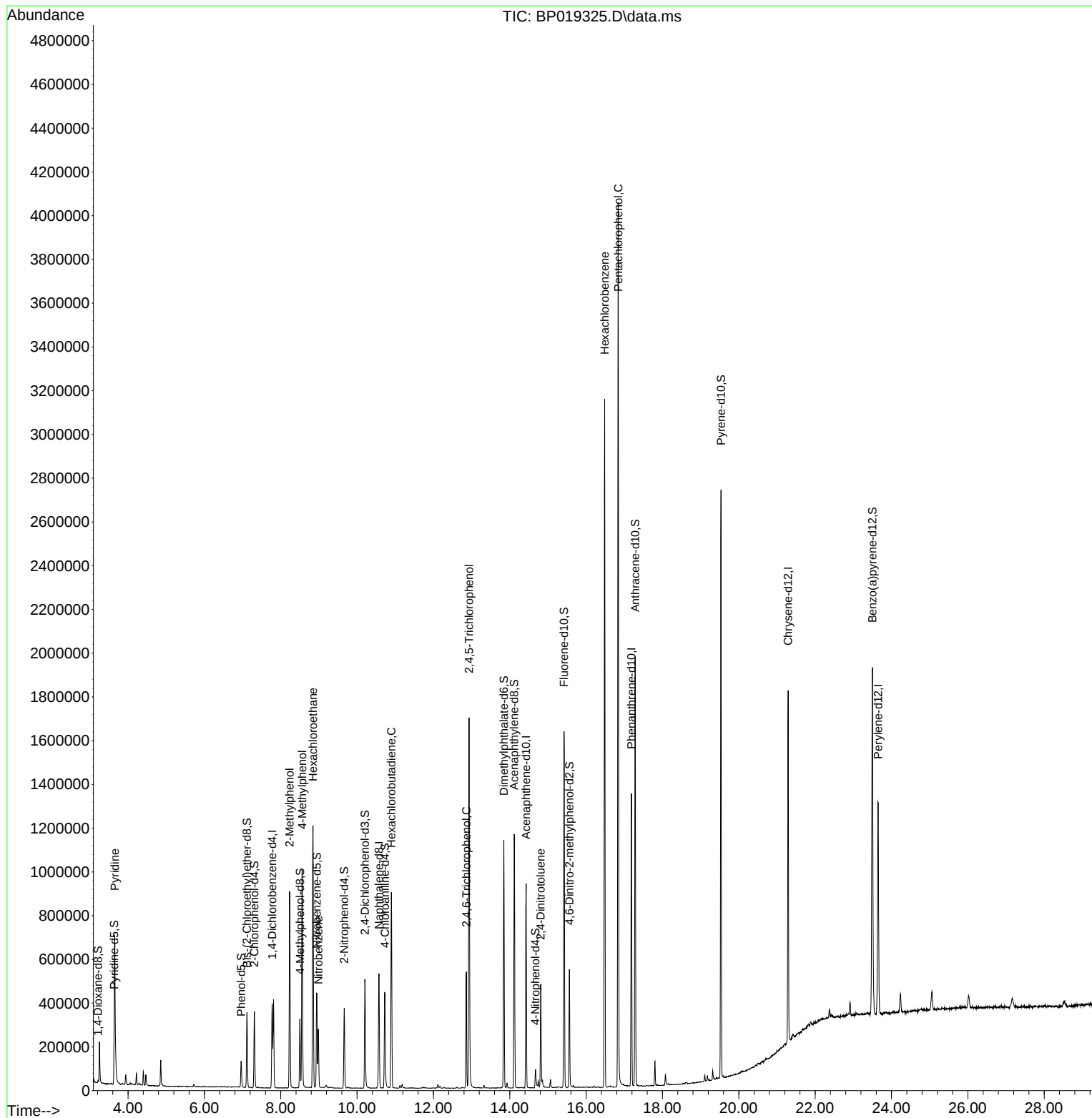
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	97290	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.575	136	396438	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	298322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	766638	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	783360	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	789177	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6031	2.344	ng/uL	0.00
4) Pyridine-d5	3.634	84	82440	11.081	ng/u1	0.00
7) Phenol-d5	6.963	99	66580	7.160	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.116	67	151666	27.269	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.311	132	140530	22.000	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	108835	14.753	ng/u1	-0.01
21) Nitrobenzene-d5	8.946	128	92660	27.782	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	102213	26.376	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	184037	23.507	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	223642	22.614	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	699859	26.554	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	745442	26.385	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	23177	5.727	ng/u1	0.00
60) Fluorene-d10	15.422	176	616366	28.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	128402	22.686	ng/u1	0.00
73) Anthracene-d10	17.286	188	1064889	27.851	ng/u1	0.00
81) Pyrene-d10	19.533	212	1358860	26.602	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.498	264	1186030	27.639	ng/u1	0.01
Target Compounds						
					Qvalue	
5) Pyridine	3.652	79	378225	50.044	ng/u1	97
13) 2-Methylphenol	8.234	108	271874	38.693	ng/u1	99
18) 4-Methylphenol	8.563	108	328940	43.974	ng/u1	91
19) Hexachloroethane	8.846	117	197497	66.228	ng/u1	96
22) Nitrobenzene	8.987	77	147079	15.764	ng/u1	99
33) Hexachlorobutadiene	10.899	225	201772	30.996	ng/u1	99
41) 2,4,6-Trichlorophenol	12.863	196	126572	15.910	ng/u1	95
42) 2,4,5-Trichlorophenol	12.934	196	469510	55.070	ng/u1	98
57) 2,4-Dinitrotoluene	14.810	165	127955	17.607	ng/u1	95
69) Hexachlorobenzene	16.487	284	656046	54.362	ng/u1	99
71) Pentachlorophenol	16.839	266	722785	96.430	ng/u1	98

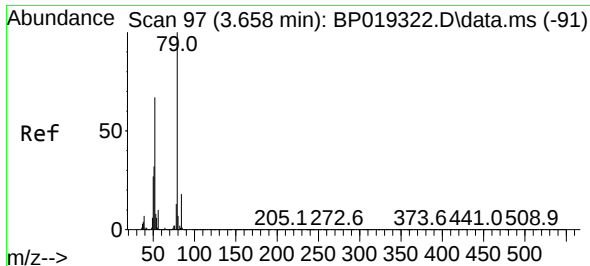
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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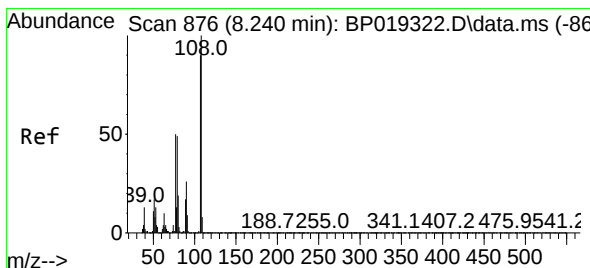
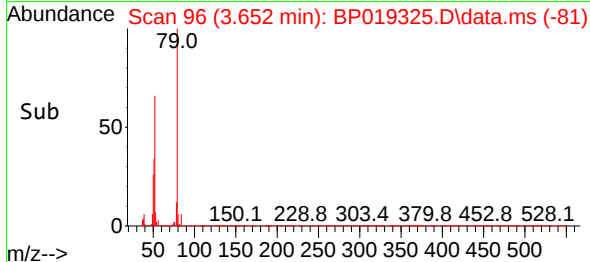
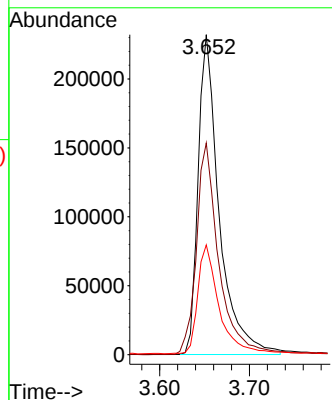
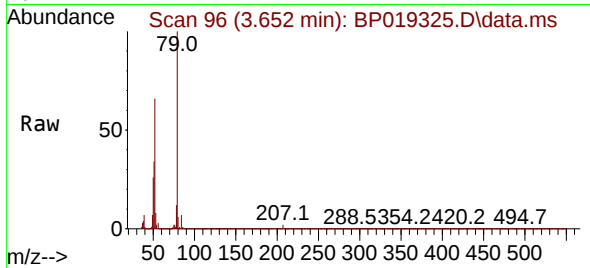




#5
Pyridine
Concen: 50.044 ng/ul
RT: 3.652 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

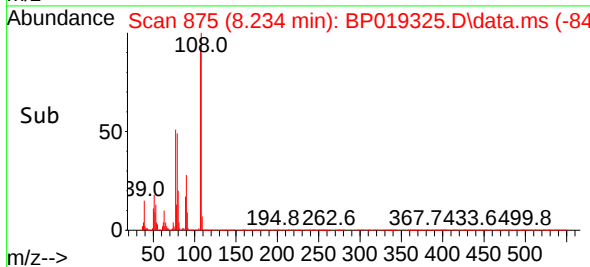
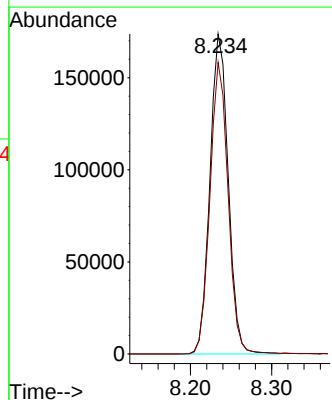
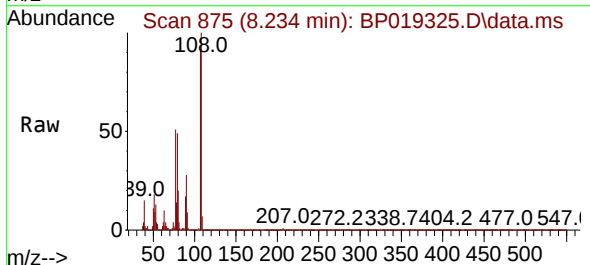
Instrument :
BNA_P
ClientSampleId :
DCML5

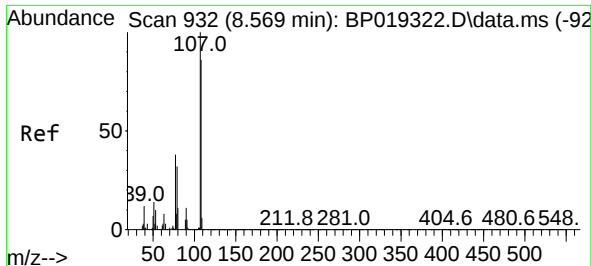
Tgt Ion: 79 Resp: 378225
Ion Ratio Lower Upper
79 100
52 66.1 50.7 76.1
51 34.3 26.8 40.2



#13
2-Methylphenol
Concen: 38.693 ng/ul
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

Tgt Ion: 108 Resp: 271874
Ion Ratio Lower Upper
108 100
107 91.1 71.9 107.9

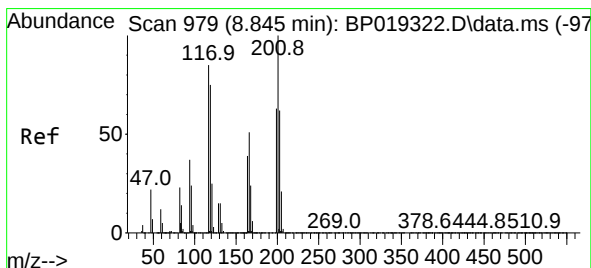
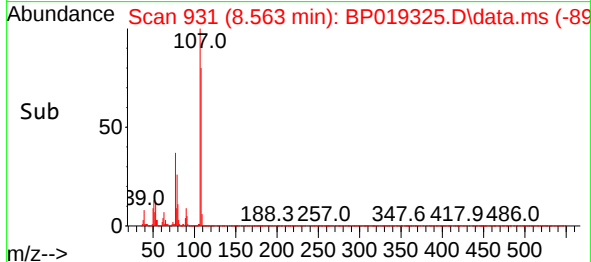
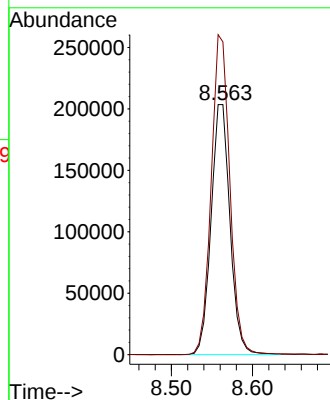
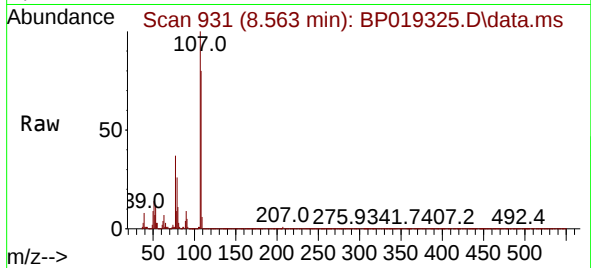




#18
4-Methylphenol
Concen: 43.974 ng/ul
RT: 8.563 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

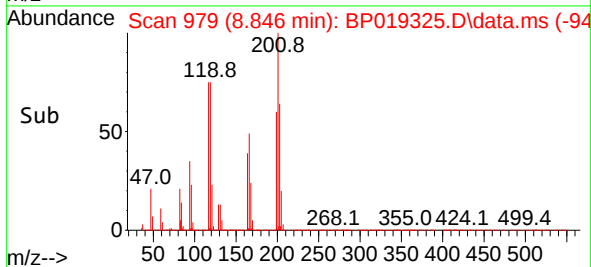
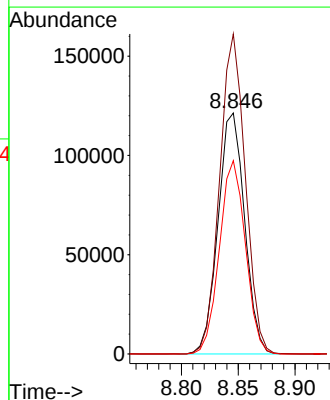
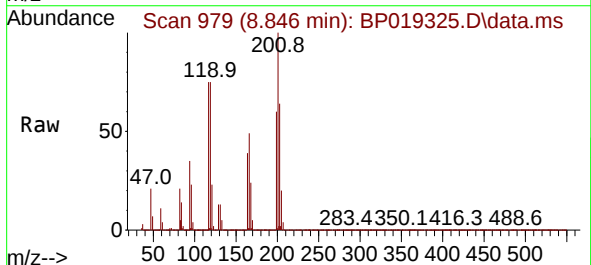
Instrument :
BNA_P
ClientSampleId :
DCML5

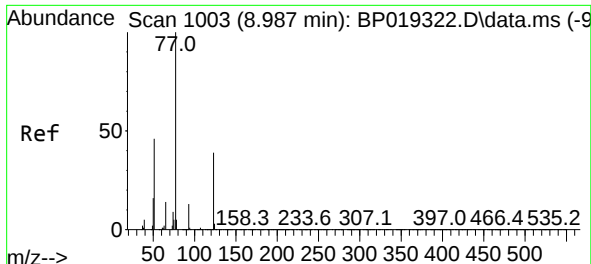
Tgt Ion:108 Resp: 328940
Ion Ratio Lower Upper
108 100
107 125.1 92.6 139.0



#19
Hexachloroethane
Concen: 66.228 ng/ul
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

Tgt Ion:117 Resp: 197497
Ion Ratio Lower Upper
117 100
201 132.8 101.8 152.6
199 80.2 62.6 93.8

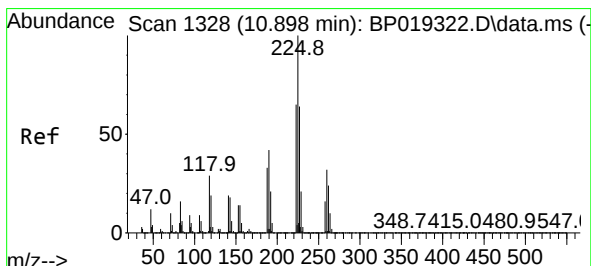
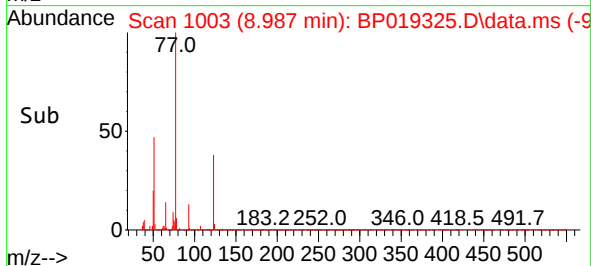
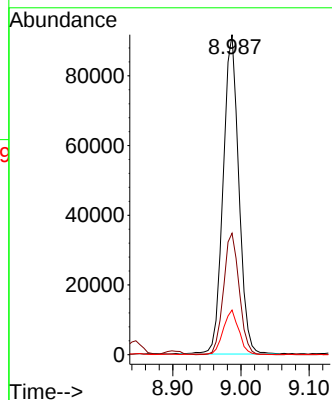
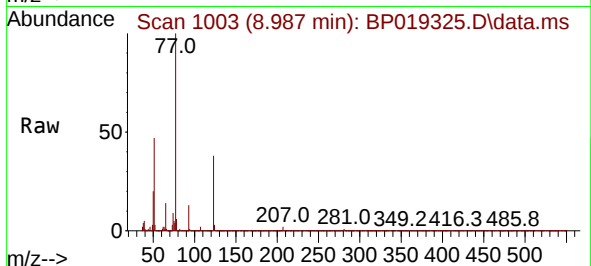




#22
Nitrobenzene
Concen: 15.764 ng/ul
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

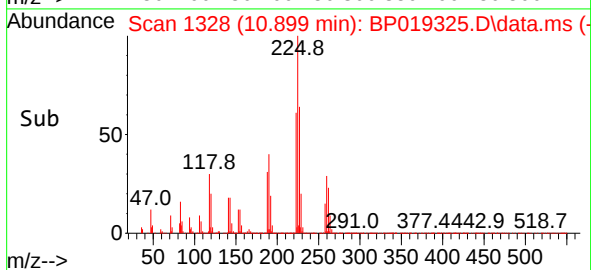
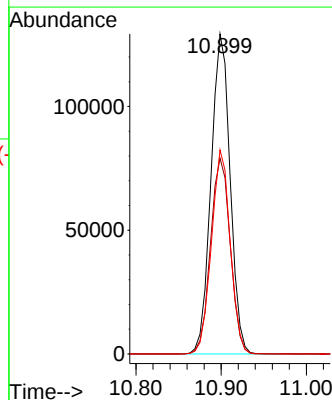
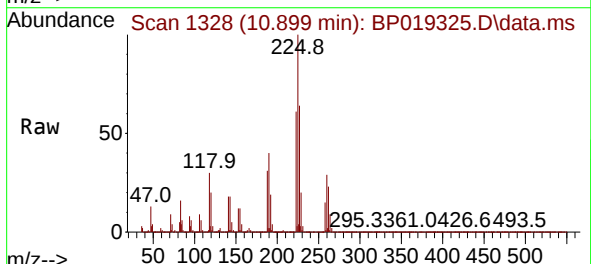
Instrument :
BNA_P
ClientSampleId :
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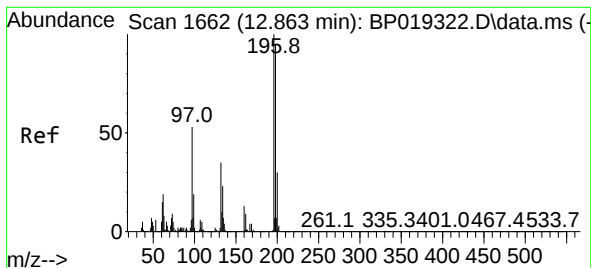
Tgt Ion: 77 Resp: 147079
Ion Ratio Lower Upper
77 100
123 37.9 30.0 45.0
65 13.9 10.5 15.7



#33
Hexachlorobutadiene
Concen: 30.996 ng/ul
RT: 10.899 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

Tgt Ion: 225 Resp: 201772
Ion Ratio Lower Upper
225 100
223 61.1 49.9 74.9
227 63.7 51.0 76.6





#41

2,4,6-Trichlorophenol

Concen: 15.910 ng/ul

RT: 12.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BP019325.D

Acq: 12 Jan 2024 12:00

Instrument :

BNA_P

ClientSampleId :

DCML5

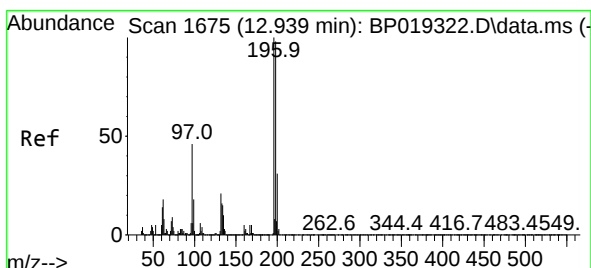
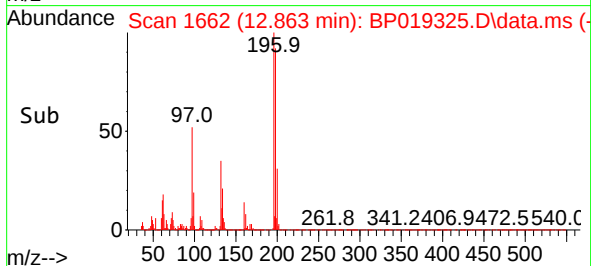
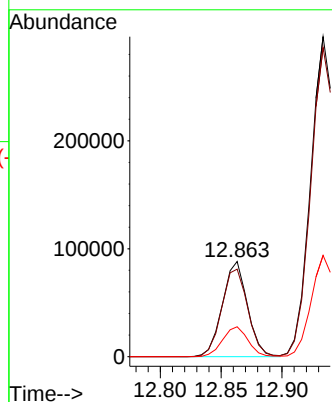
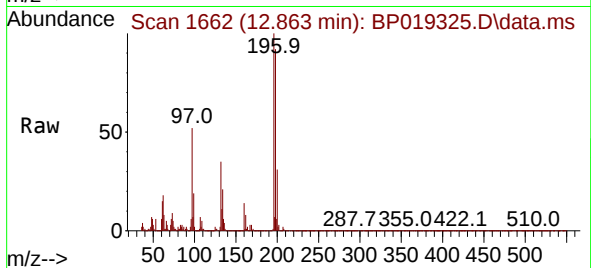
Tgt Ion:196 Resp: 126572

Ion Ratio Lower Upper

196 100

198 91.9 78.2 117.2

200 31.4 24.6 36.8



#42

2,4,5-Trichlorophenol

Concen: 55.070 ng/ul

RT: 12.934 min Scan# 1674

Delta R.T. -0.012 min

Lab File: BP019325.D

Acq: 12 Jan 2024 12:00

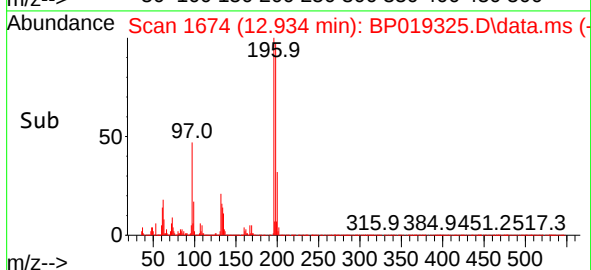
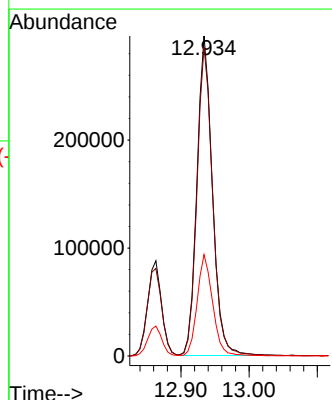
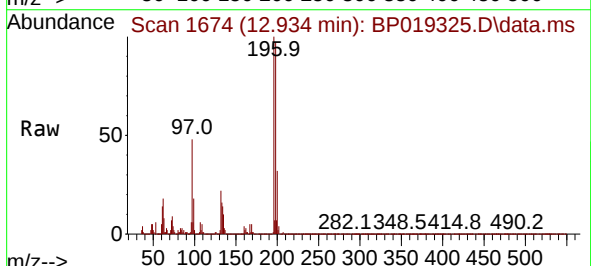
Tgt Ion:196 Resp: 469510

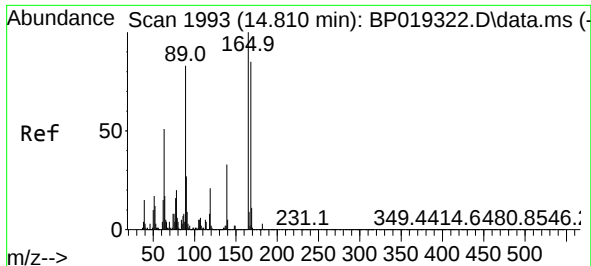
Ion Ratio Lower Upper

196 100

198 96.6 78.9 118.3

200 31.7 25.0 37.6

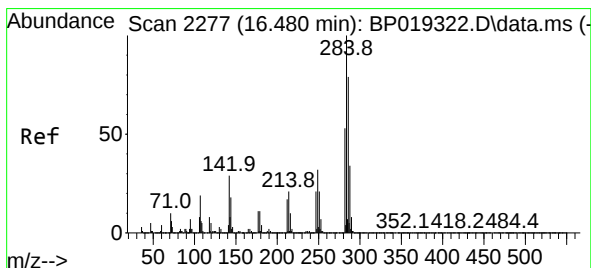
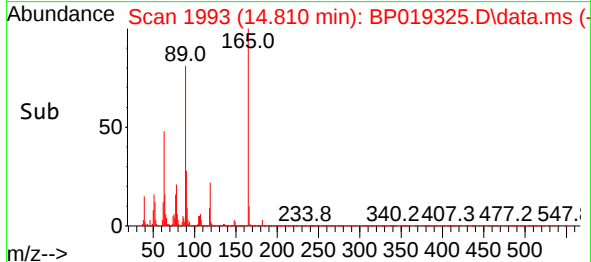
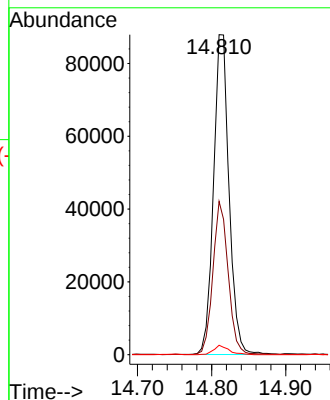
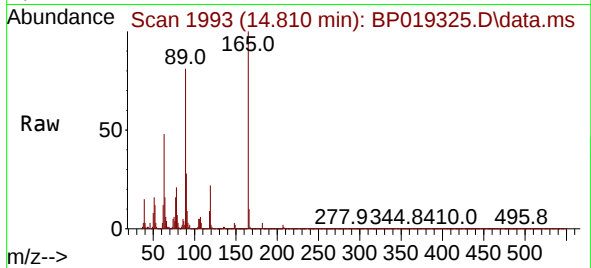




#57
2,4-Dinitrotoluene
Concen: 17.607 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

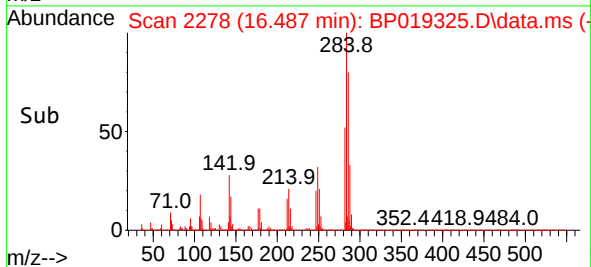
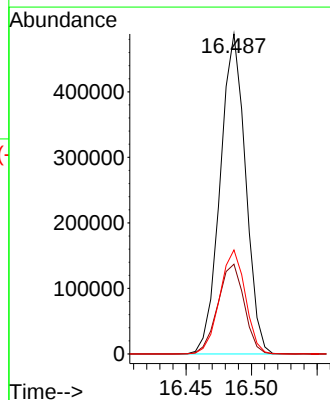
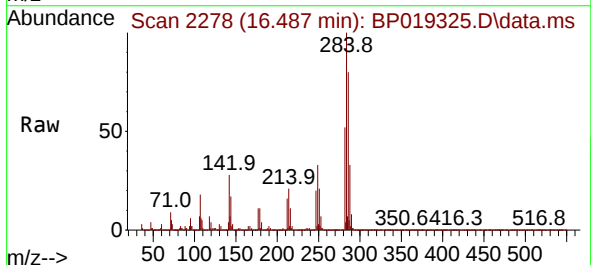
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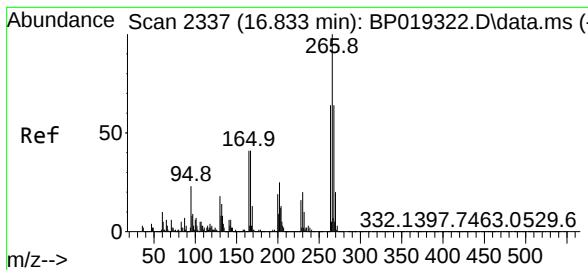
Tgt Ion:165 Resp: 127955
Ion Ratio Lower Upper
165 100
63 47.9 41.3 61.9
182 2.9 2.4 3.6



#69
Hexachlorobenzene
Concen: 54.362 ng/ul
RT: 16.487 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BP019325.D
Acq: 12 Jan 2024 12:00

Tgt Ion:284 Resp: 656046
Ion Ratio Lower Upper
284 100
142 28.1 23.6 35.4
249 32.5 26.1 39.1





#71
 Pentachlorophenol
 Concen: 96.430 ng/ul
 RT: 16.839 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019325.D
 Acq: 12 Jan 2024 12:00

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	266	Resp:	722785
Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.4	74.2
268	64.6	51.6	77.4

