

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082124\  
 Data File : BP021603.D  
 Acq On : 21 Aug 2024 18:51  
 Operator : RC/JU  
 Sample : P3617-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

Quant Time: Aug 22 00:20:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 14 00:00:30 2024  
 Response via : Initial Calibration

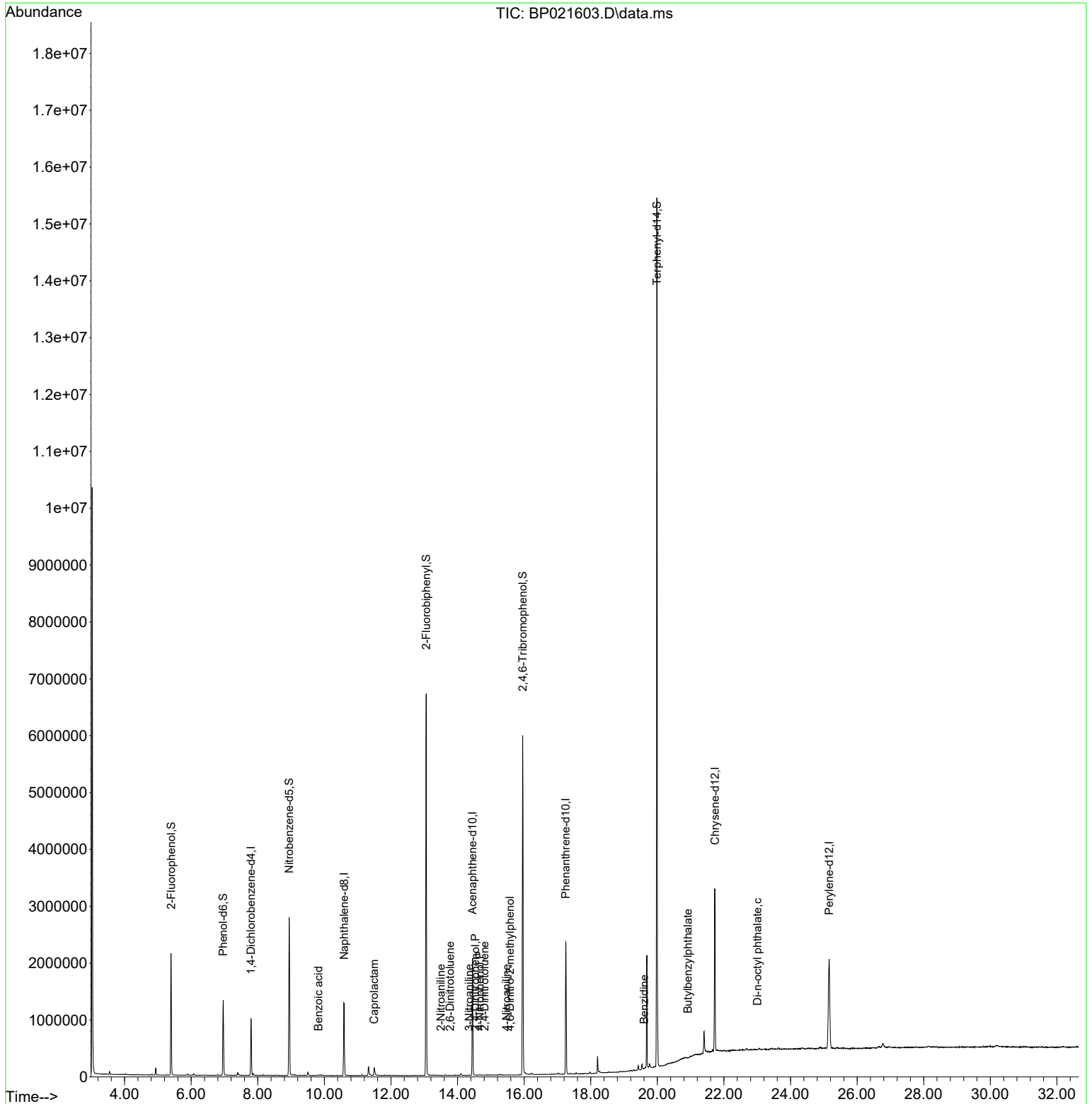
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	261742	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	1033083	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	684745	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1518800	20.000	ng	0.00
76) Chrysene-d12	21.727	240	1538942	20.000	ng	0.03
86) Perylene-d12	25.162	264	1796450	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	983509	55.794	ng	0.00
7) Phenol-d6	6.963	99	860199	33.452	ng	0.00
23) Nitrobenzene-d5	8.946	82	1813443	90.603	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1241419	162.896	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	3321544	74.030	ng	0.00
79) Terphenyl-d14	19.986	244	7131585	90.028	ng	0.01
Target Compounds						
26) 2-Nitrophenol	9.681	139	69	Below Cal	#	1
32) Benzoic acid	9.822	122	5510	4.326	ng	97
35) Caprolactam	11.498	113	36589	6.376	ng	97
48) 2-Nitroaniline	13.504	65	384	5.180	ng	# 46
51) 2,6-Dinitrotoluene	13.775	165	307	4.016	ng	92
53) 3-Nitroaniline	14.351	138	51	3.974	ng	# 1
54) 2,4-Dinitrophenol	14.534	184	22	2.443	ng	# 1
56) 4-Nitrophenol	14.669	139	1639	5.280	ng	# 84
57) 2,4-Dinitrotoluene	14.810	165	1067	5.104	ng	# 80
62) 4-Nitroaniline	15.469	138	50	2.940	ng	91
65) 4,6-Dinitro-2-methylph...	15.575	198	73	4.627	ng	# 1
77) Benzidine	19.604	184	2753	4.631	ng	# 79
80) Butylbenzylphthalate	20.922	149	220	3.608	ng	93
85) Di-n-octyl phthalate	23.004	149	340	4.839	ng	# 1
-----						

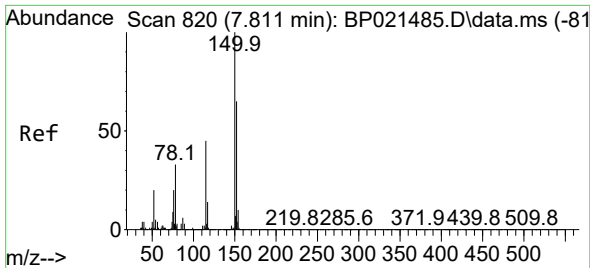
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082124\  
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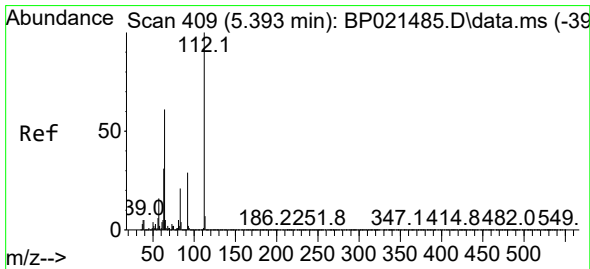
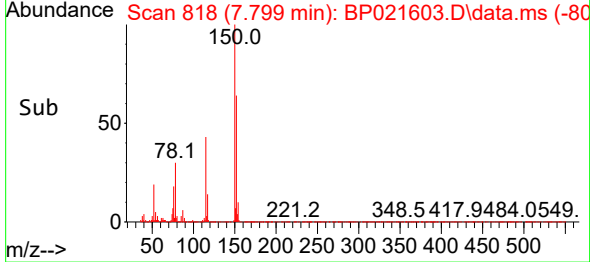
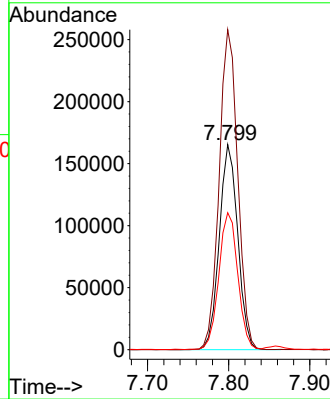
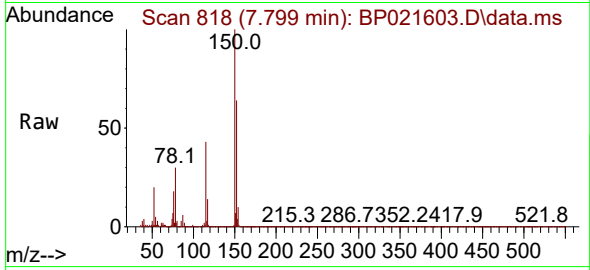


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.799 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

Tgt Ion:152 Resp: 261742

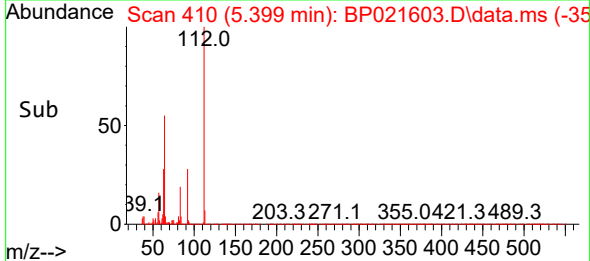
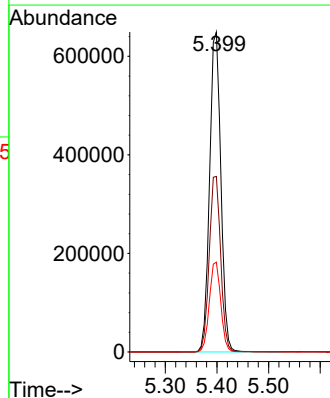
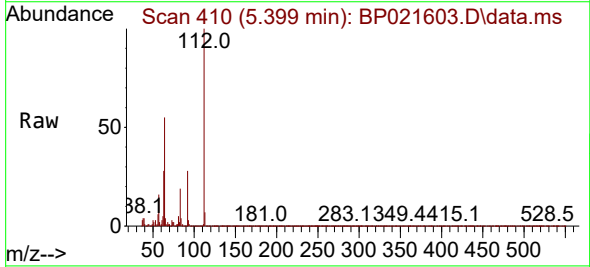
Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.4	183.6
115	66.7	54.7	82.1

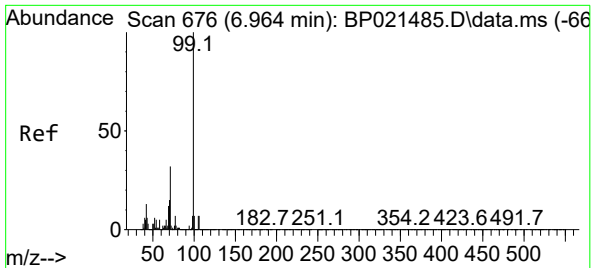


#5  
 2-Fluorophenol  
 Concen: 55.794 ng  
 RT: 5.399 min Scan# 410  
 Delta R.T. 0.006 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion:112 Resp: 983509

Ion	Ratio	Lower	Upper
112	100		
64	54.9	49.0	73.6
63	28.1	24.6	36.8



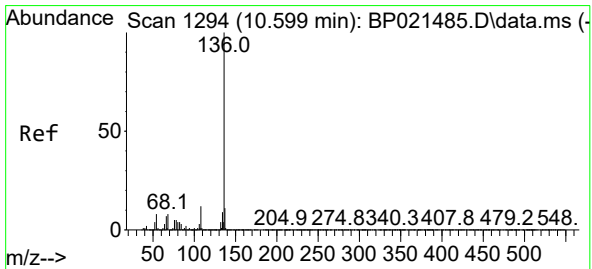
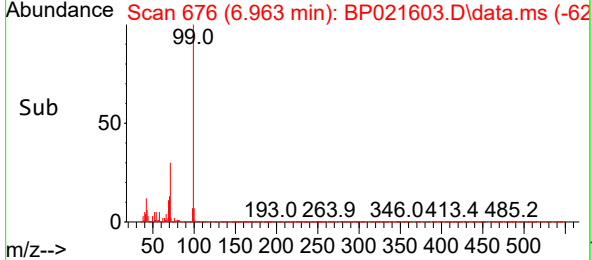
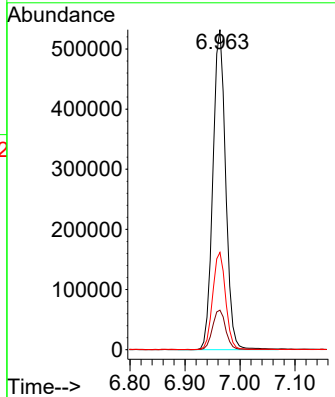
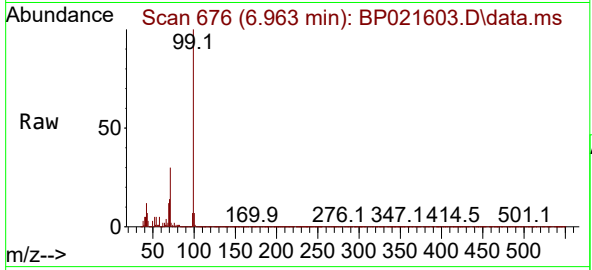


#7  
 Phenol-d6  
 Concen: 33.452 ng  
 RT: 6.963 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Instrument : BNA\_P  
 ClientSampleId : VCPS-B2-081424-6W

Tgt Ion: 99 Resp: 860199

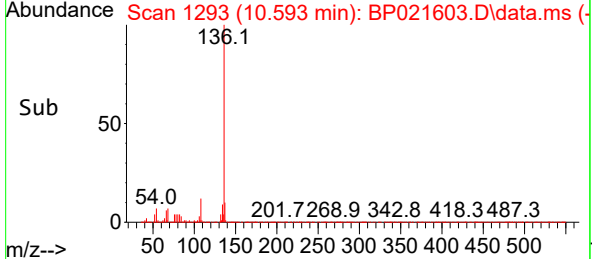
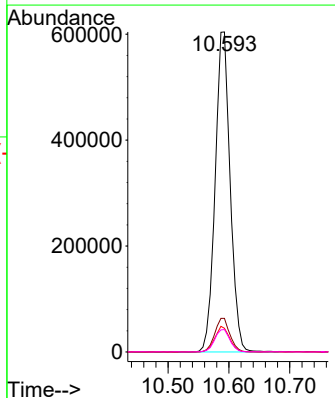
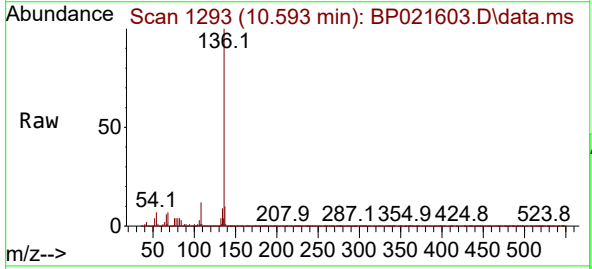
Ion	Ratio	Lower	Upper
99	100		
42	12.4	10.2	15.4
71	30.4	25.8	38.8

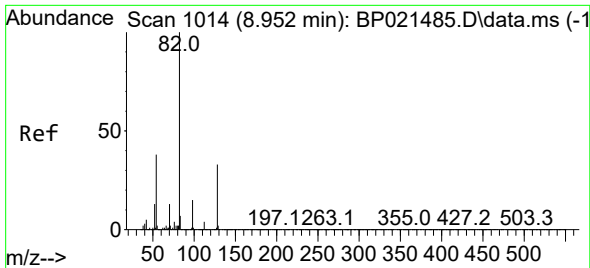


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.593 min Scan# 1293  
 Delta R.T. -0.006 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion: 136 Resp: 1033083

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	6.3	9.5
68	7.0	6.8	10.2



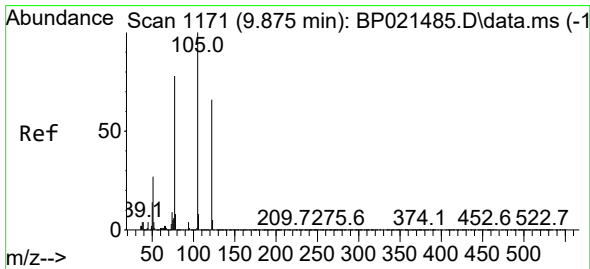
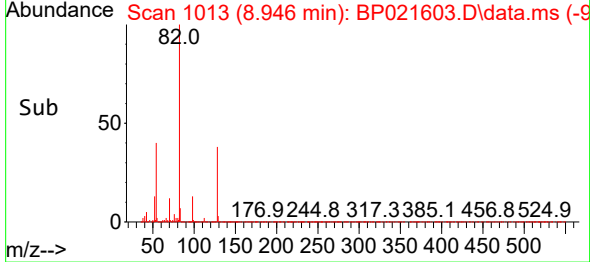
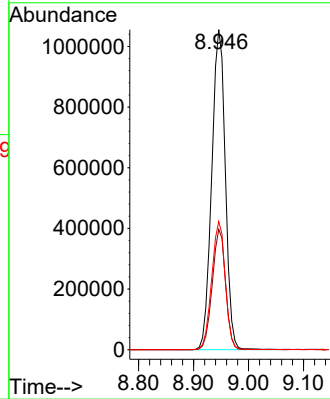
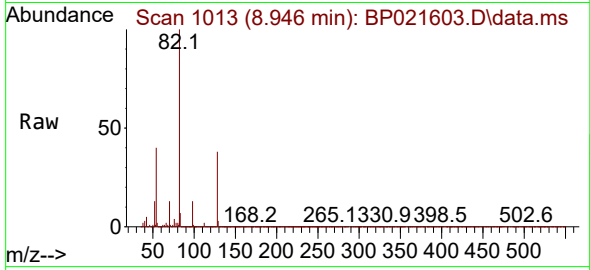


#23  
 Nitrobenzene-d5  
 Concen: 90.603 ng  
 RT: 8.946 min Scan# 110  
 Delta R.T. -0.006 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

Tgt Ion: 82 Resp: 1813443

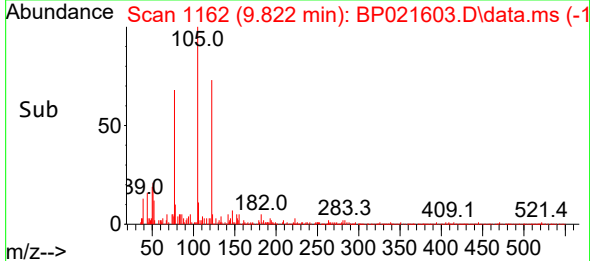
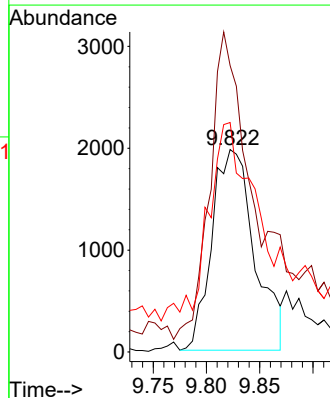
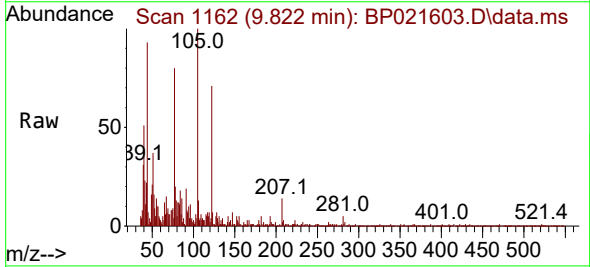
Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.5	39.7
54	40.0	30.3	45.5

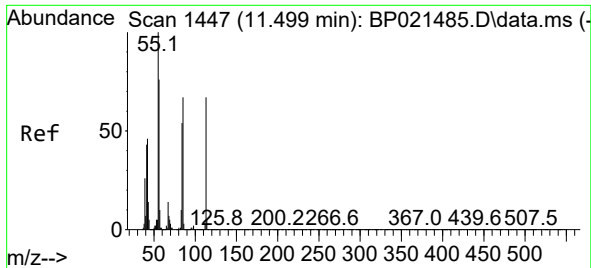


#32  
 Benzoic acid  
 Concen: 4.326 ng  
 RT: 9.822 min Scan# 1162  
 Delta R.T. -0.053 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion: 122 Resp: 5510

Ion	Ratio	Lower	Upper
122	100		
105	141.5	124.6	164.6
77	113.4	96.2	136.2



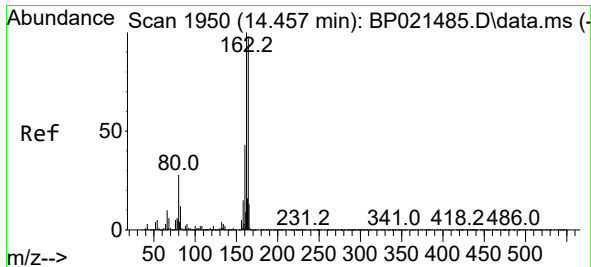
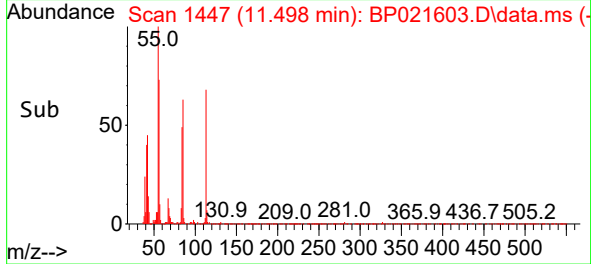
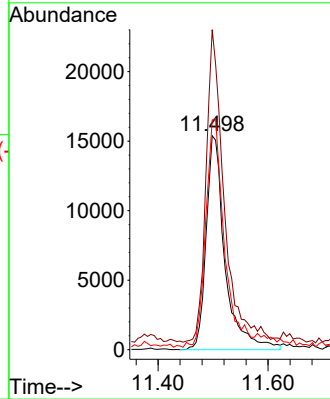
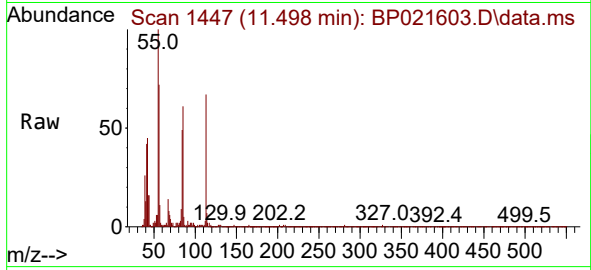


#35  
 Caprolactam  
 Concen: 6.376 ng  
 RT: 11.498 min Scan# 1447  
 Delta R.T. -0.000 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

Tgt Ion:113 Resp: 36589

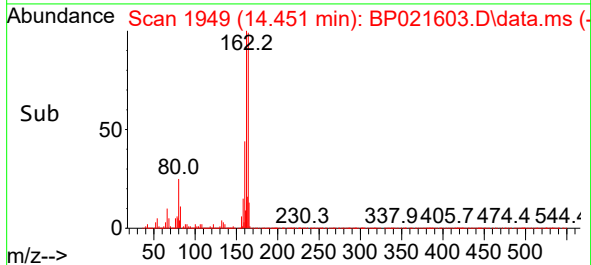
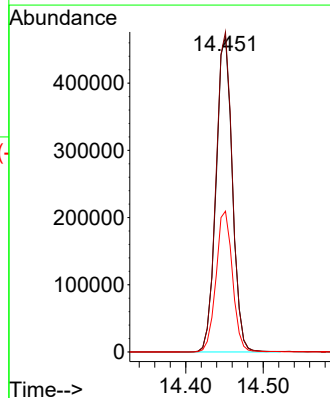
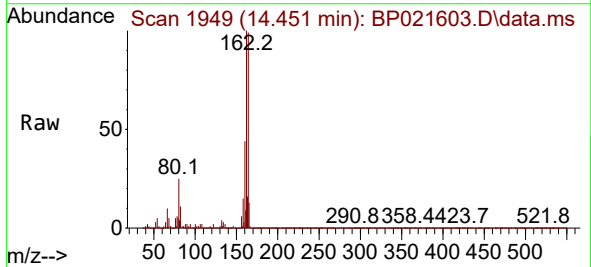
Ion	Ratio	Lower	Upper
113	100		
55	149.6	130.6	170.6
56	107.3	94.6	134.6

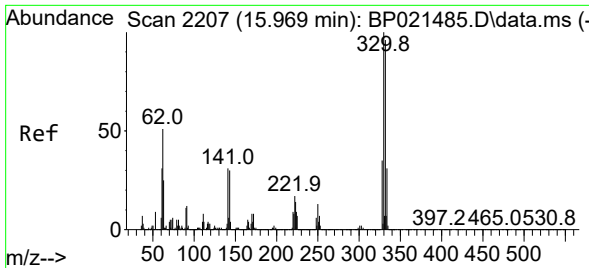


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.451 min Scan# 1949  
 Delta R.T. -0.006 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion:164 Resp: 684745

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.5	122.3
160	44.6	35.2	52.8



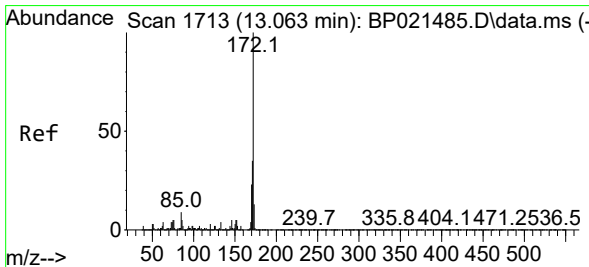
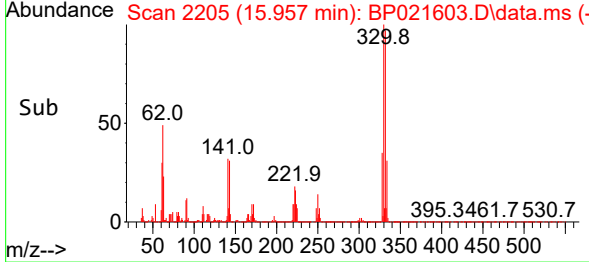
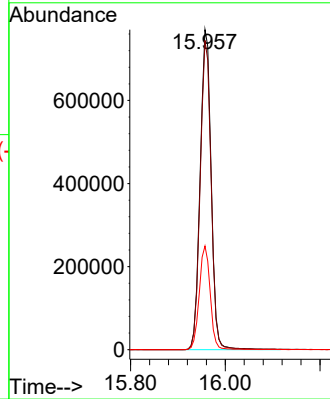
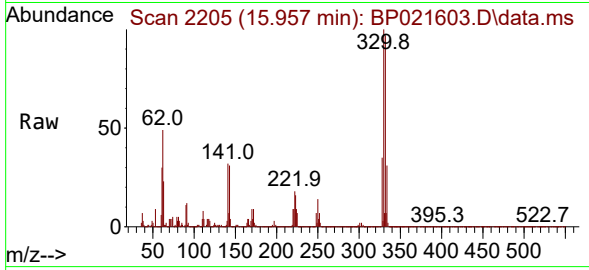


#42  
 2,4,6-Tribromophenol  
 Concen: 162.896 ng  
 RT: 15.957 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

Tgt Ion: 330 Resp: 1241419

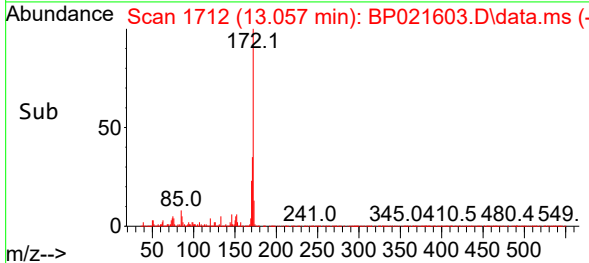
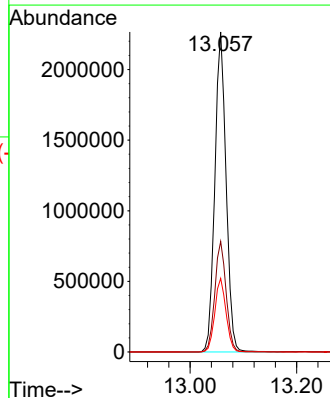
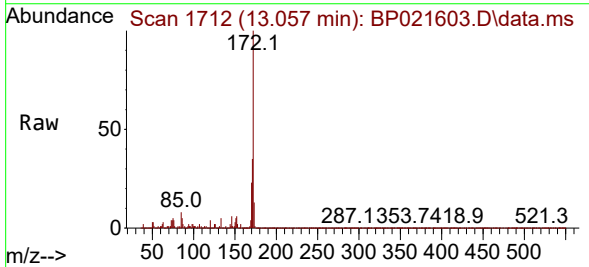
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	32.3	24.5	36.7

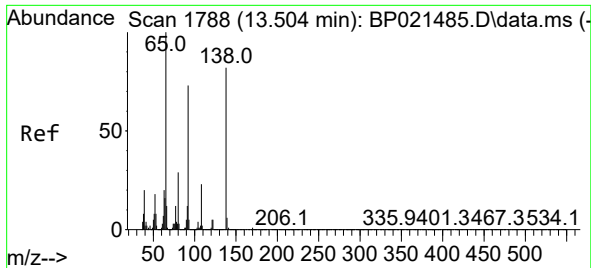


#45  
 2-Fluorobiphenyl  
 Concen: 74.030 ng  
 RT: 13.057 min Scan# 1712  
 Delta R.T. -0.006 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion: 172 Resp: 3321544

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.4
170	23.0	18.4	27.6

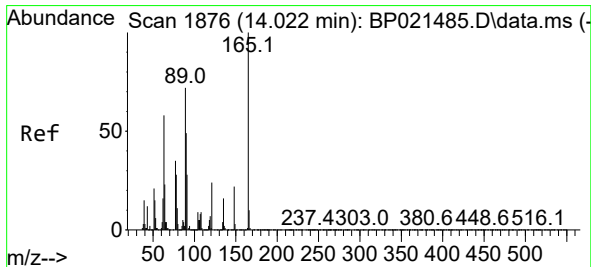
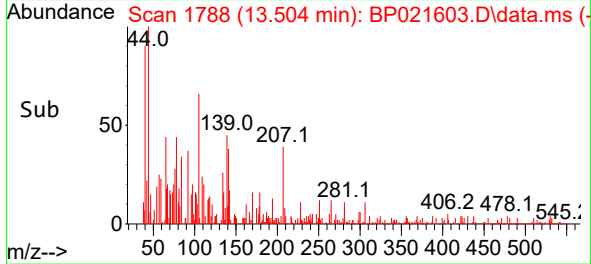
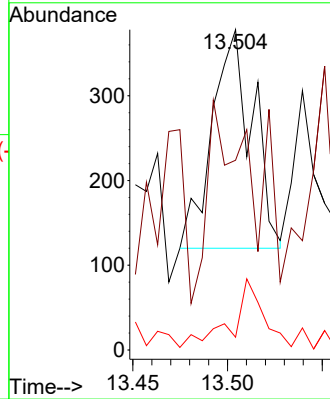
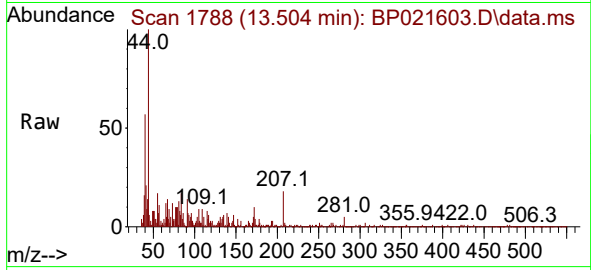




#48  
 2-Nitroaniline  
 Concen: 5.180 ng  
 RT: 13.504 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

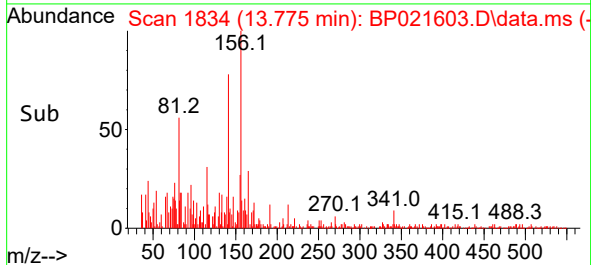
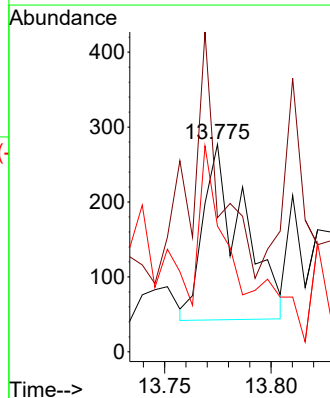
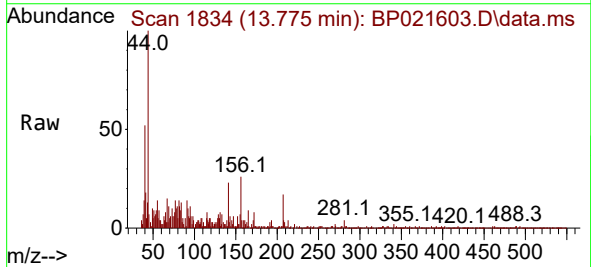
Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

Tgt Ion	Resp	Lower	Upper
65	100		
92	59.3	58.1	87.1
138	4.0	65.5	98.3#

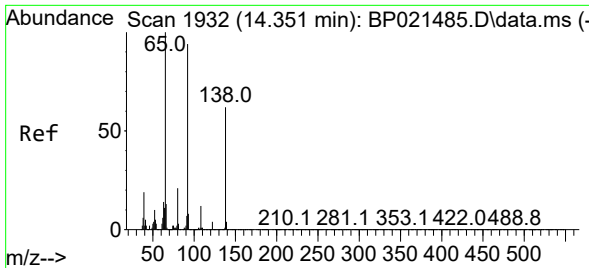


#51  
 2,6-Dinitrotoluene  
 Concen: 4.016 ng  
 RT: 13.775 min Scan# 1834  
 Delta R.T. -0.247 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion	Resp	Lower	Upper
165	100		
63	64.6	51.5	77.3
89	60.6	57.8	86.8



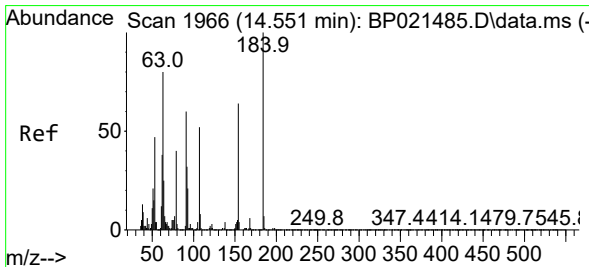
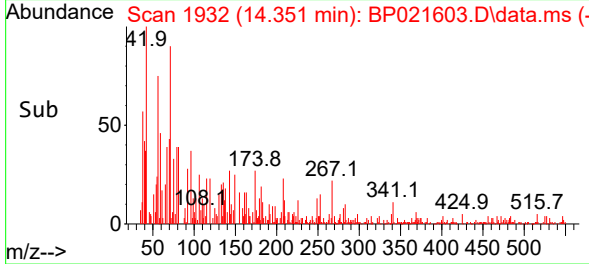
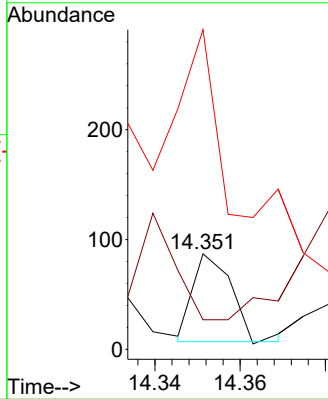
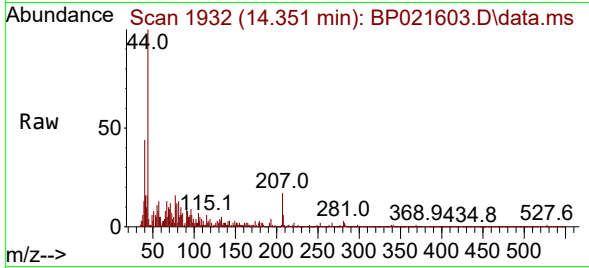




#53  
 3-Nitroaniline  
 Concen: 3.974 ng  
 RT: 14.351 min Scan# 1932  
 Delta R.T. 0.000 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

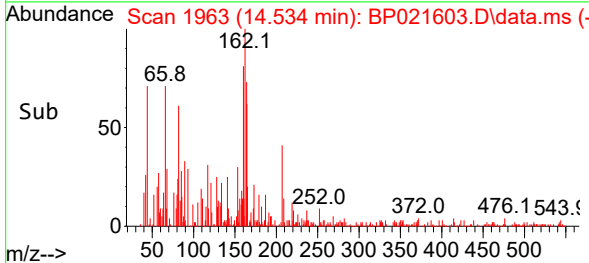
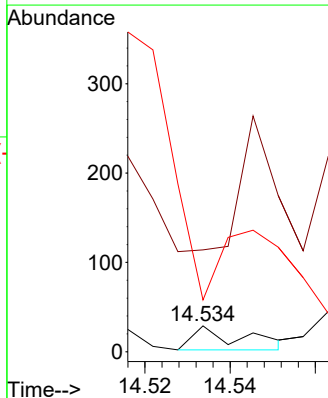
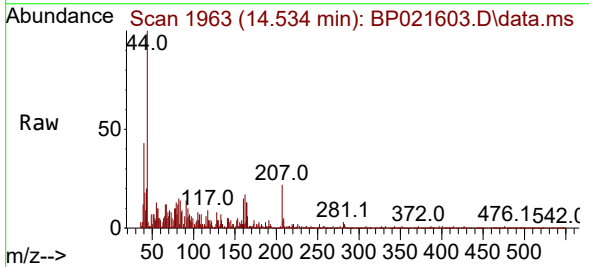
Instrument : BNA\_P  
 ClientSampleId : VCPS-B2-081424-6W

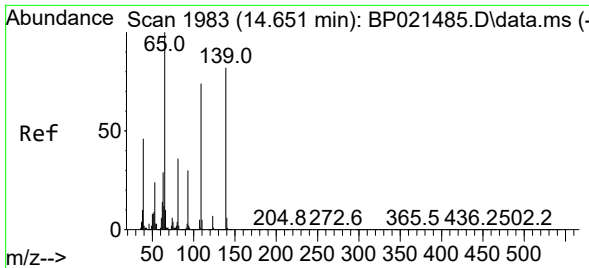
Tgt Ion	Resp	Lower	Upper
138	100		
108	31.0	16.2	24.4#
92	334.5	122.2	183.4#



#54  
 2,4-Dinitrophenol  
 Concen: 2.443 ng  
 RT: 14.534 min Scan# 1963  
 Delta R.T. -0.017 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion	Resp	Lower	Upper
184	100		
63	393.1	64.9	97.3#
154	200.0	52.1	78.1#

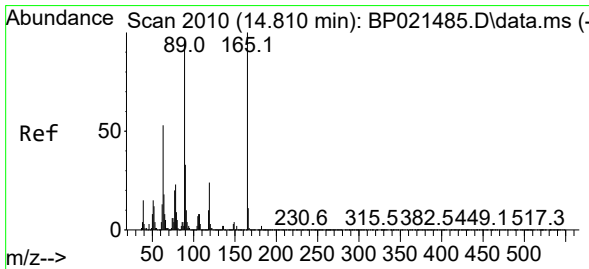
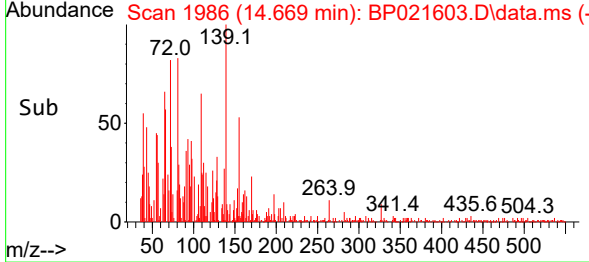
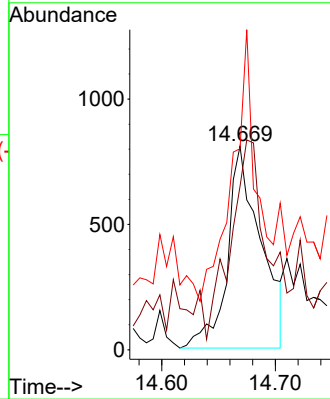
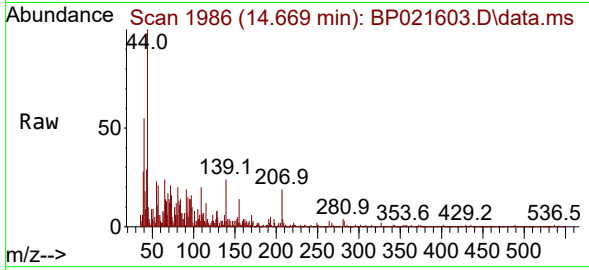




#56  
 4-Nitrophenol  
 Concen: 5.280 ng  
 RT: 14.669 min Scan# 1986  
 Delta R.T. 0.018 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

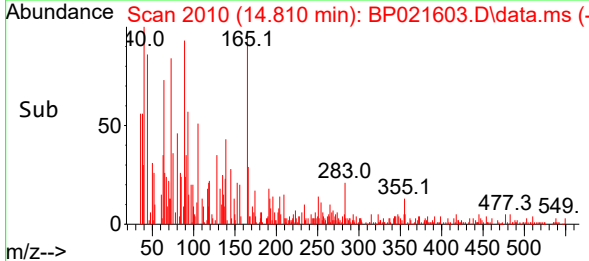
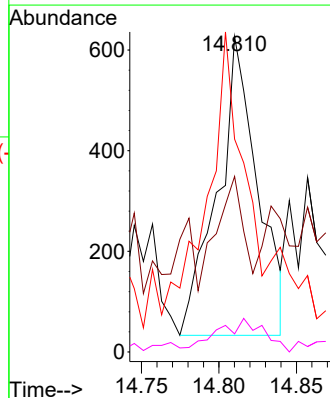
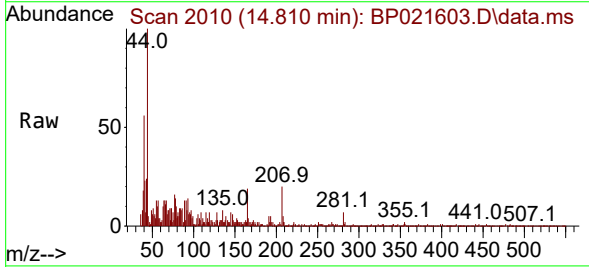
Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

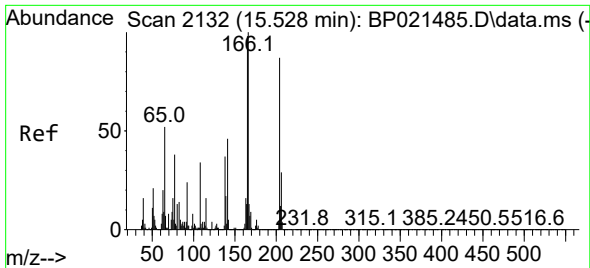
Tgt Ion	Resp	Lower	Upper
139	1639		
109	80.3	70.2	110.2
65	98.8	101.8	141.8#



#57  
 2,4-Dinitrotoluene  
 Concen: 5.104 ng  
 RT: 14.810 min Scan# 2010  
 Delta R.T. 0.000 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion	Resp	Lower	Upper
165	1067		
63	55.7	42.5	63.7
89	67.5	77.1	115.7#
182	5.7	2.0	3.0#

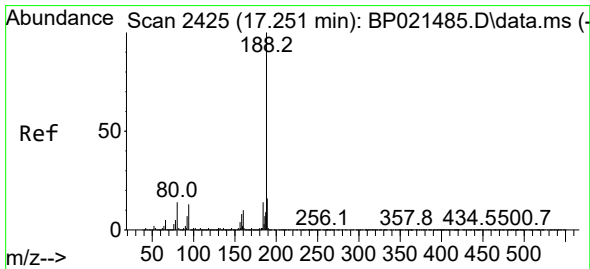
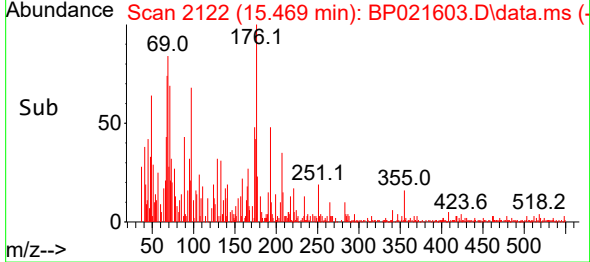
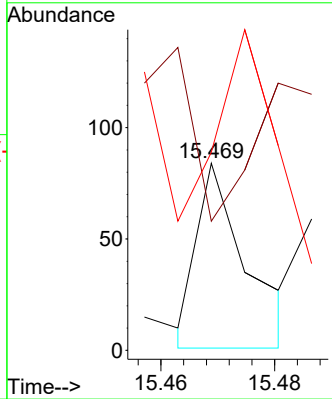
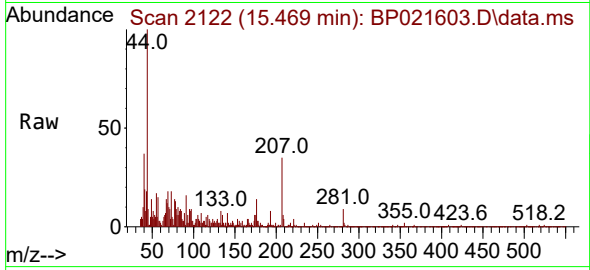




#62  
 4-Nitroaniline  
 Concen: 2.940 ng  
 RT: 15.469 min Scan# 2132  
 Delta R.T. -0.059 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

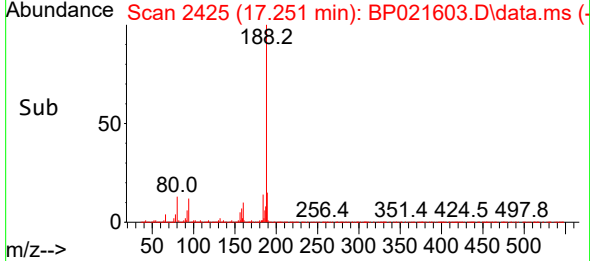
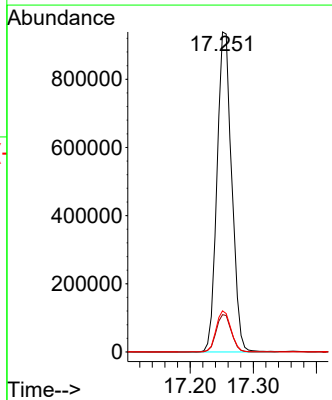
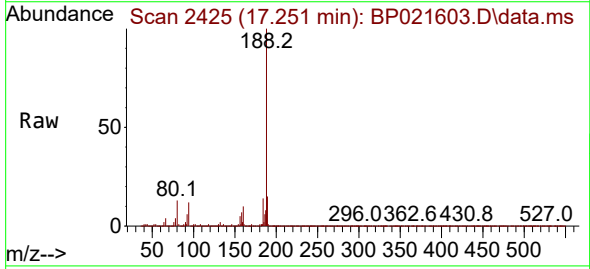
Instrument : BNA\_P  
 ClientSampleId : VCPS-B2-081424-6W

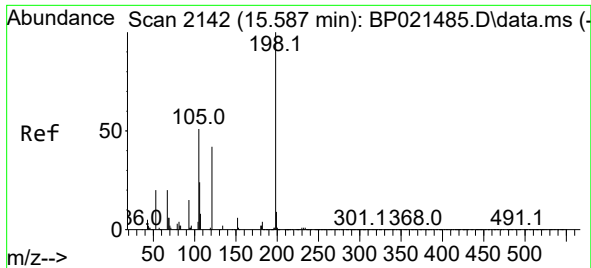
Tgt Ion	Resp	Lower	Upper
138	100		
92	69.0	46.4	86.4
108	106.0	73.2	113.2



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.251 min Scan# 2425  
 Delta R.T. -0.000 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion	Resp	Lower	Upper
188	100		
94	11.7	10.2	15.4
80	12.9	11.6	17.4

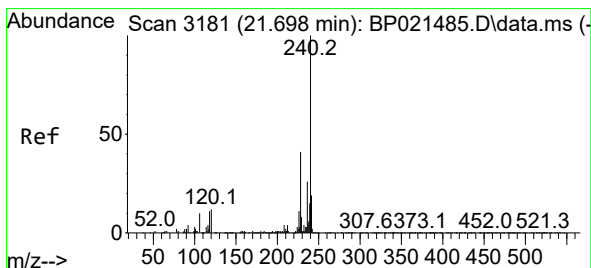
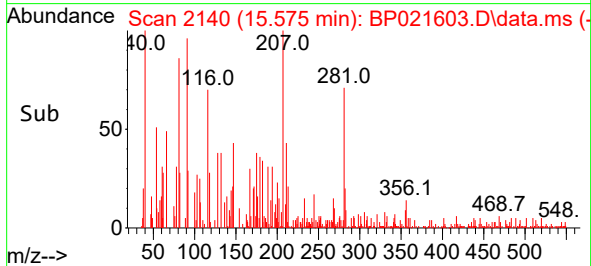
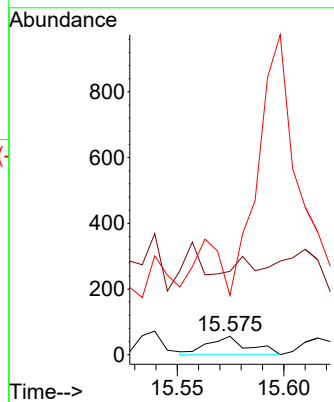
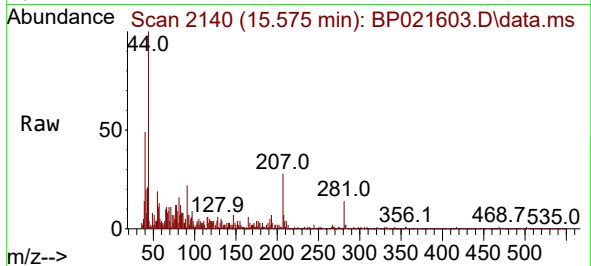




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 4.627 ng  
 RT: 15.575 min Scan# 2140  
 Delta R.T. -0.012 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

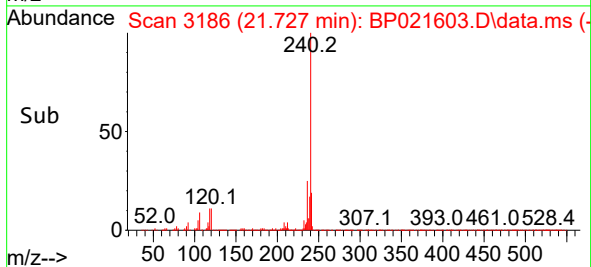
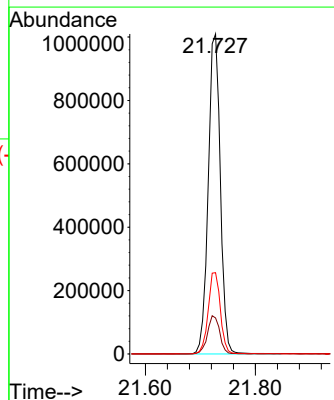
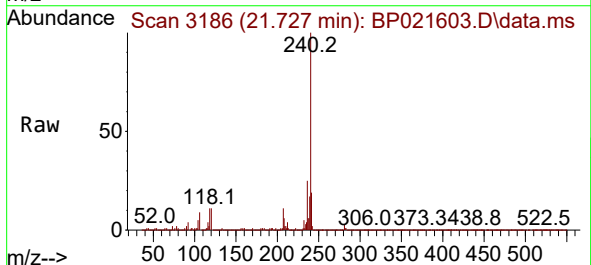
Instrument : BNA\_P  
 ClientSampleId : VCPS-B2-081424-6W

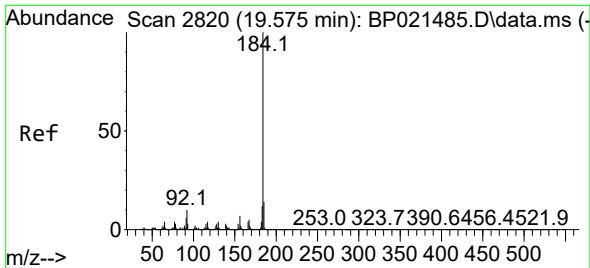
Tgt Ion	Resp	Lower	Upper
198	100		
51	453.6	21.5	61.5#
105	323.2	32.9	72.9#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.727 min Scan# 3186  
 Delta R.T. 0.029 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion	Resp	Lower	Upper
240	100		
120	11.3	9.9	14.9
236	25.4	20.6	30.8

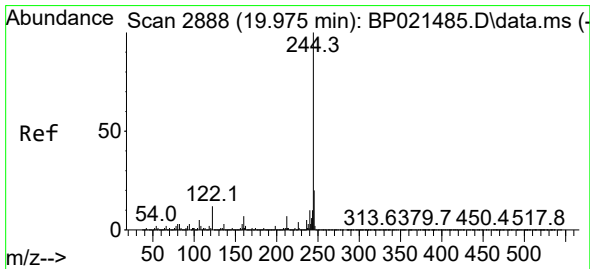
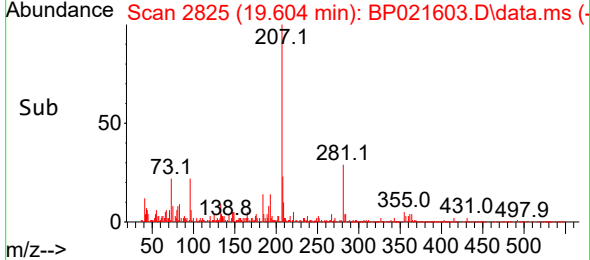
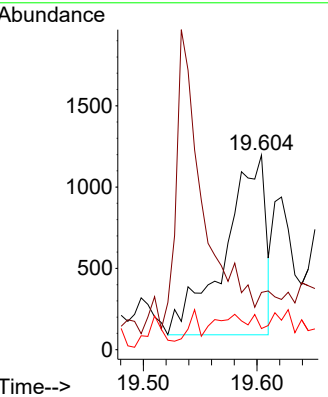
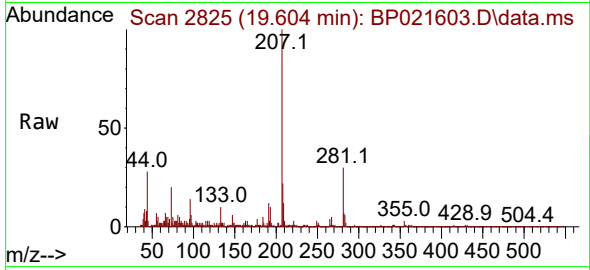




#77  
 Benzidine  
 Concen: 4.631 ng  
 RT: 19.604 min Scan# 2825  
 Delta R.T. 0.029 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

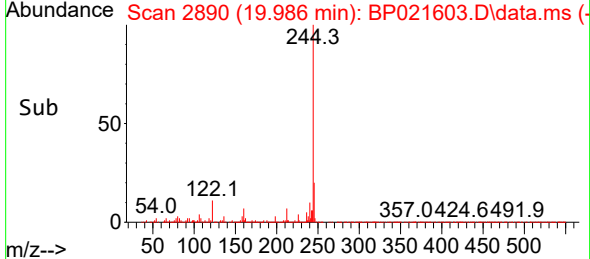
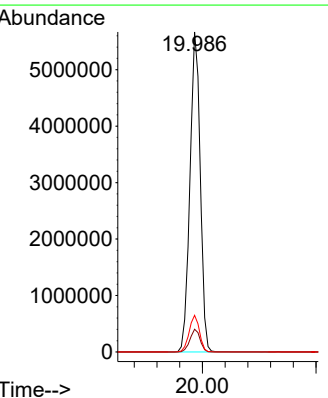
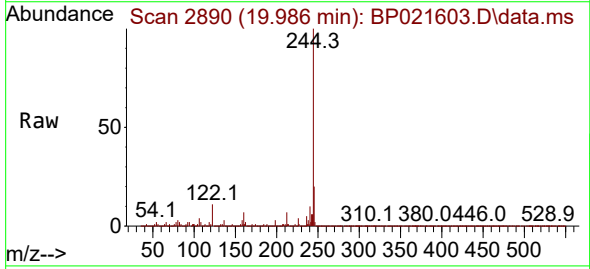
Instrument : BNA\_P  
 ClientSampleId : VCPS-B2-081424-6W

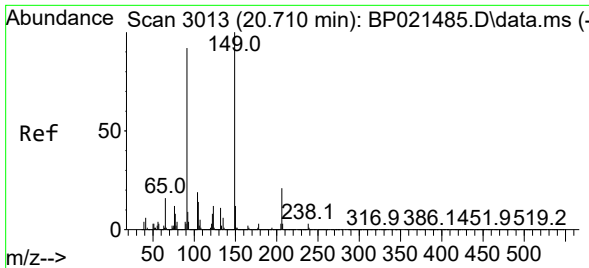
Tgt Ion	Resp	Lower	Upper
184	100		
185	29.4	11.4	17.0#
183	10.9	9.3	13.9



#79  
 Terphenyl-d14  
 Concen: 90.028 ng  
 RT: 19.986 min Scan# 2890  
 Delta R.T. 0.011 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.4	9.4	14.2

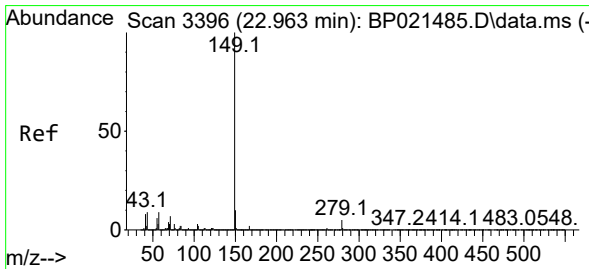
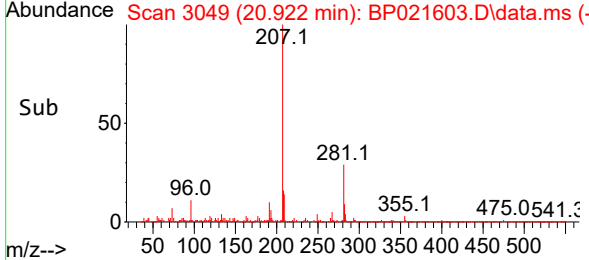
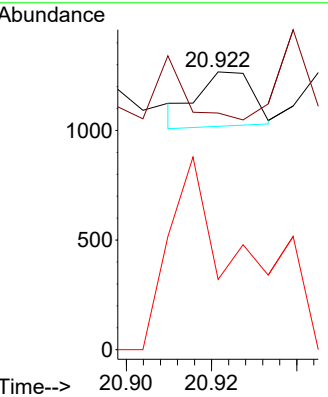
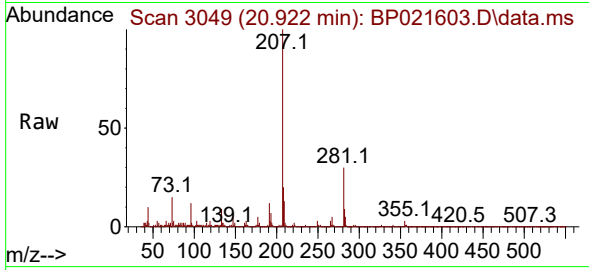




#80  
 Butylbenzylphthalate  
 Concen: 3.608 ng  
 RT: 20.922 min Scan# 3013  
 Delta R.T. 0.212 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

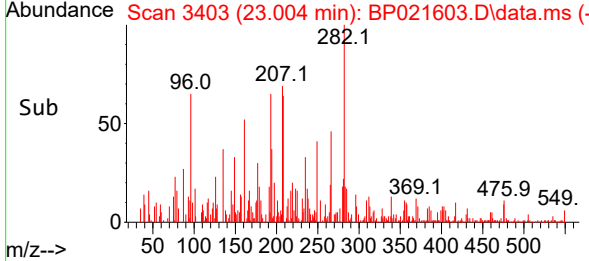
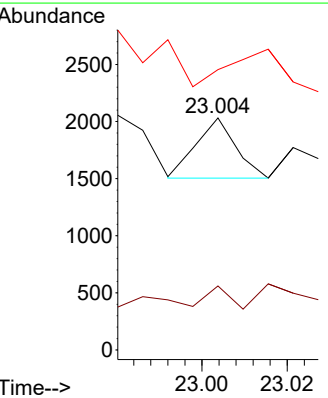
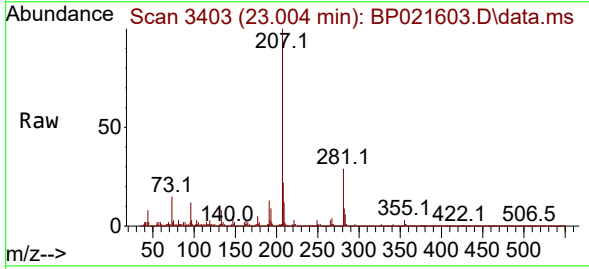
Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

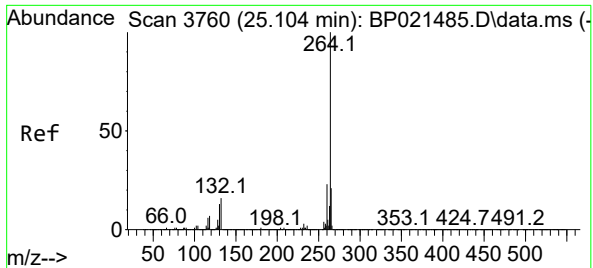
Tgt Ion	Resp	Lower	Upper
149	100		
91	85.2	73.3	109.9
206	25.3	17.1	25.7



#85  
 Di-n-octyl phthalate  
 Concen: 4.839 ng  
 RT: 23.004 min Scan# 3403  
 Delta R.T. 0.041 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Tgt Ion	Resp	Lower	Upper
149	100		
167	30.0	1.3	1.9#
43	77.1	7.3	10.9#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.162 min Scan# 31  
 Delta R.T. 0.059 min  
 Lab File: BP021603.D  
 Acq: 21 Aug 2024 18:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VCPS-B2-081424-6W

Tgt Ion: 264 Resp: 1796450

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.7	17.1	25.7

