

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022941.D
 Acq On : 08 Nov 2024 19:34
 Operator : RC/JU
 Sample : SST01050
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010629

Quant Time: Nov 08 23:16:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 08 21:50:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	49476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	195377	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	161146	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	423442	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	516358	20.000	ng/u1	0.00
88) Perylene-d12	24.710	264	650447	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	4068	3.195	ng/uL	0.00
4) Pyridine-d5	3.564	84	27965	8.001	ng/u1	0.00
7) Phenol-d5	6.799	99	32441	7.789	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	20826	8.508	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	25968	8.787	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	26671	8.025	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	13038	8.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	14976	8.611	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	32304	8.739	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	36266	8.303	ng/u1	0.00
46) Dimethylphthalate-d6	13.628	166	115219	8.999	ng/u1	0.01
49) Acenaphthylene-d8	13.910	160	116736	8.584	ng/u1	0.00
54) 4-Nitrophenol-d4	14.475	143	13356	6.218	ng/u1	0.00
60) Fluorene-d10	15.222	176	100502	9.050	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.381	200	21449	7.702	ng/u1	0.01
73) Anthracene-d10	17.139	188	170456	8.557	ng/u1	0.02
81) Pyrene-d10	19.510	212	228308	8.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.480	264	286498	8.248	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	4940	3.609	ng/uL	97
5) Pyridine	3.581	79	28784	8.032	ng/u1	94
6) Benzaldehyde	6.763	77	25679	11.410	ng/u1	97
8) Phenol	6.822	94	34654	7.998	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.028	93	27181	8.382	ng/u1	95
12) 2-Chlorophenol	7.175	128	27379	8.959	ng/u1	96
13) 2-Methylphenol	8.040	108	26113	8.304	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.099	45	31999	8.490	ng/u1	97
16) Acetophenone	8.405	105	47513	8.659	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.381	70	24957	8.977	ng/u1	95
18) 4-Methylphenol	8.369	108	28834	8.265	ng/u1	95
19) Hexachloroethane	8.646	117	13636	9.581	ng/u1	95
22) Nitrobenzene	8.775	77	37306	8.319	ng/u1	96
23) Isophorone	9.305	82	66343	8.252	ng/u1	99
25) 2-Nitrophenol	9.475	139	16244	8.666	ng/u1	95
26) 2,4-Dimethylphenol	9.546	107	34703	8.518	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.769	93	37439	8.201	ng/u1	98
29) 2,4-Dichlorophenol	10.022	162	30678	8.428	ng/u1	96
30) Naphthalene	10.393	128	92598	8.898	ng/u1	98
32) 4-Chloroaniline	10.516	127	36118	8.377	ng/u1	97
33) Hexachlorobutadiene	10.669	225	29654	9.665	ng/u1	99
34) Caprolactam	11.299	113	7703	6.564	ng/u1	88
35) 4-Chloro-3-methylphenol	11.657	107	33970	8.553	ng/u1	98
36) 2-Methylnaphthalene	12.010	142	69223	9.062	ng/u1	95

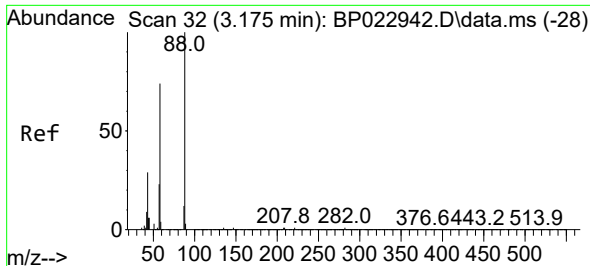
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.222	142	71476	9.167	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	53157	8.921	ng/ul	92
40) Hexachlorocyclopentadiene	12.351	237	20504	5.648	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.646	196	30855	8.232	ng/ul	98
42) 2,4,5-Trichlorophenol	12.728	196	33001	8.269	ng/ul	90
43) 1,1'-Biphenyl	13.028	154	102087	8.789	ng/ul	97
44) 2-Chloronaphthalene	13.075	162	83892	8.823	ng/ul	98
45) 2-Nitroaniline	13.310	65	21990	7.745	ng/ul	90
47) Dimethylphthalate	13.675	163	116017	9.094	ng/ul	99
48) 2,6-Dinitrotoluene	13.798	165	20904	8.663	ng/ul#	85
50) Acenaphthylene	13.940	152	120190	8.516	ng/ul	100
51) 3-Nitroaniline	14.145	138	17725	7.820	ng/ul	92
52) Acenaphthene	14.287	153	88267	8.844	ng/ul	95
53) 2,4-Dinitrophenol	14.375	184	11283	6.355	ng/ul	96
55) 4-Nitrophenol	14.492	109	13820	5.797	ng/ul	92
56) Dibenzofuran	14.628	168	136612	9.113	ng/ul	95
57) 2,4-Dinitrotoluene	14.628	165	34200	9.120	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	14.869	232	32677	8.772	ng/ul	96
59) Diethylphthalate	15.057	149	112923	9.226	ng/ul	98
61) Fluorene	15.292	166	113414	9.285	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.292	204	67136	9.611	ng/ul	98
63) 4-Nitroaniline	15.339	138	16260	7.130	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.398	198	22707	7.570	ng/ul#	90
67) N-Nitrosodiphenylamine	15.504	169	94721	8.353	ng/ul	95
68) 4-Bromophenyl-phenylether	16.192	248	45799	8.969	ng/ul	97
69) Hexachlorobenzene	16.322	284	59202	9.419	ng/ul	95
70) Atrazine	16.486	200	44645	9.472	ng/ul	99
71) Pentachlorophenol	16.686	266	30528	7.554	ng/ul	98
72) Phenanthrene	17.075	178	197817	8.732	ng/ul	98
74) Anthracene	17.169	178	201772	8.925	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	54119	8.394	ng/uL	96
76) Pentachlorobenzene	14.540	250	62839	8.817	ng/uL	97
77) Carbazole	17.457	167	164241	8.210	ng/ul	99
78) Di-n-butylphthalate	18.028	149	184903	8.354	ng/ul	100
80) Fluoranthene	19.157	202	257463	8.202	ng/ul	99
82) Pyrene	19.539	202	280729	8.344	ng/ul	98
83) Butylbenzylphthalate	20.492	149	86284	7.366	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.374	252	108867	8.845	ng/ul	100
85) Benzo(a)anthracene	21.445	228	309143	8.540	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	127977	7.611	ng/ul	95
87) Chrysene	21.504	228	287710	8.572	ng/ul	98
89) Di-n-octyl phthalate	22.604	149	214792	6.942	ng/ul	100
90) Benzo(b)fluoranthene	23.674	252	342006	8.353	ng/ul	99
91) Benzo(k)fluoranthene	23.674	252	342006	8.532	ng/ul	99
93) Benzo(a)pyrene	24.551	252	311474	8.266	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.368	276	324373	6.451	ng/ul	98
95) Dibenzo(a,h)anthracene	28.427	278	348519	8.559	ng/ul	99
96) Benzo(g,h,i)perylene	29.492	276	328812	8.407	ng/ul	97

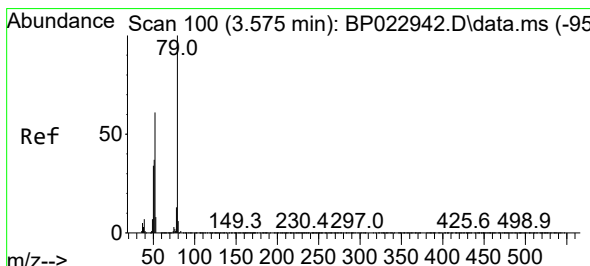
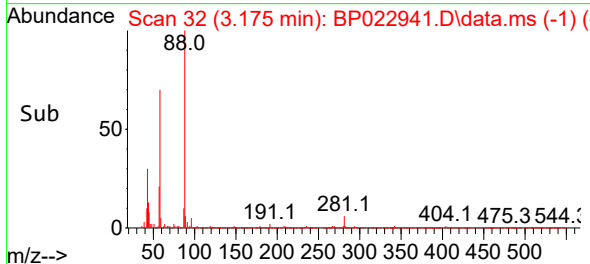
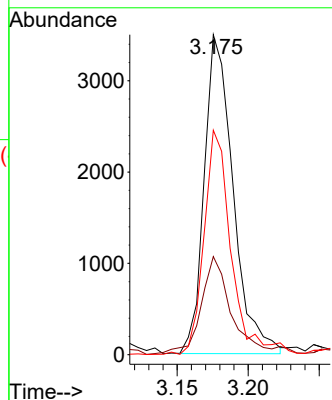
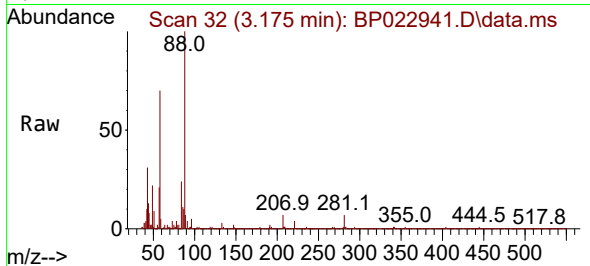
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 3.609 ng/uL
RT: 3.175 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP022941.D
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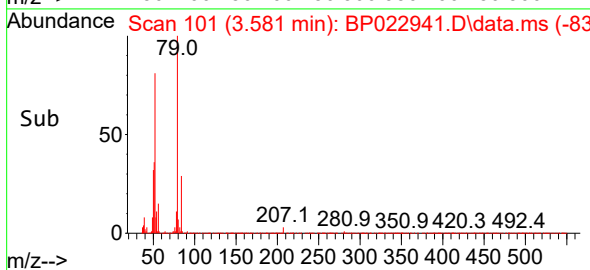
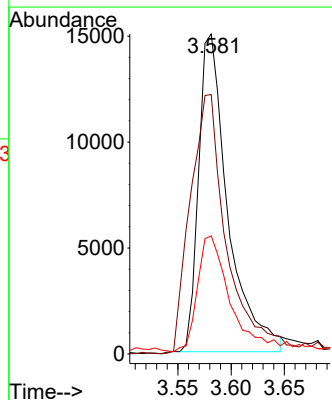
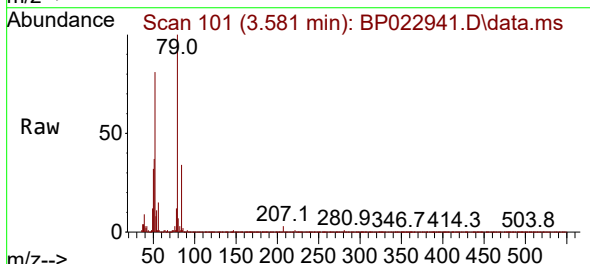
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BNA_P
ClientSampleId :
SSTD010629

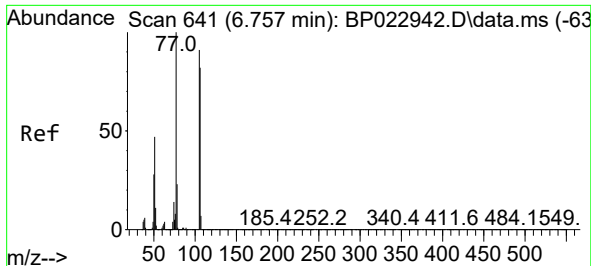
Tgt Ion	88	Resp	4940
Ion	Ratio	Lower	Upper
88	100		
43	30.7	24.2	36.4
58	70.1	59.2	88.8



#5
Pyridine
Concen: 8.032 ng/uL
RT: 3.581 min Scan# 101
Delta R.T. 0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion	79	Resp	28784
Ion	Ratio	Lower	Upper
79	100		
52	81.1	59.5	89.3
51	36.9	30.4	45.6

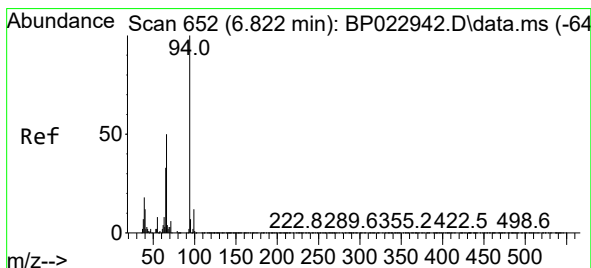
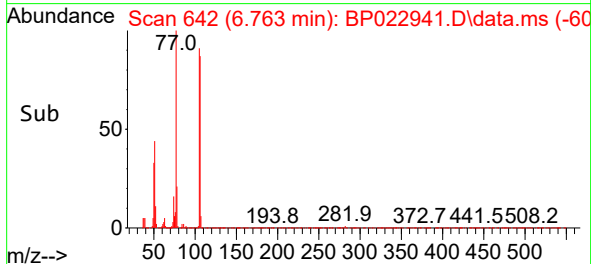
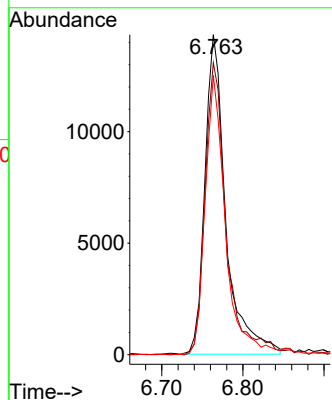
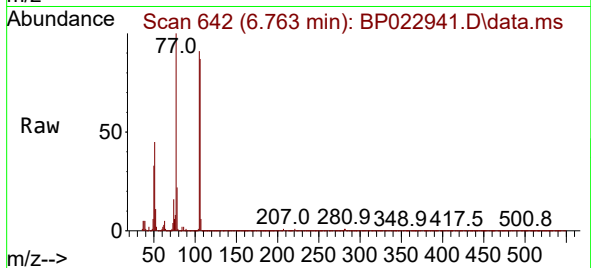




#6
Benzaldehyde
Concen: 11.410 ng/ul
RT: 6.763 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

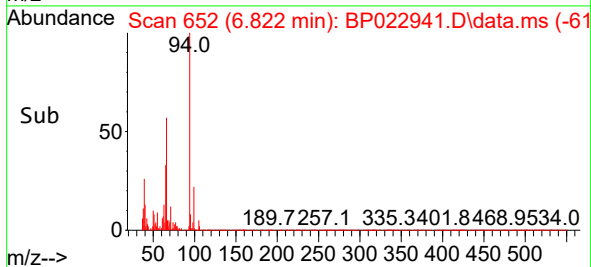
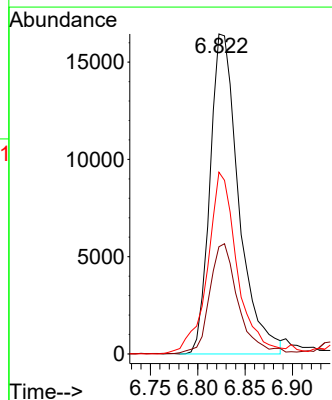
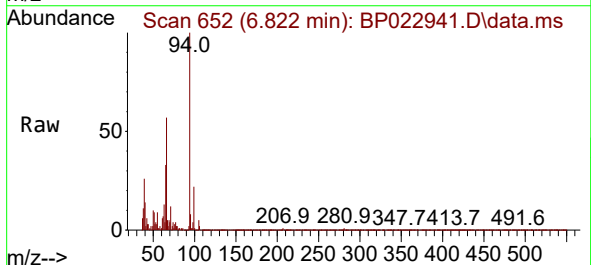
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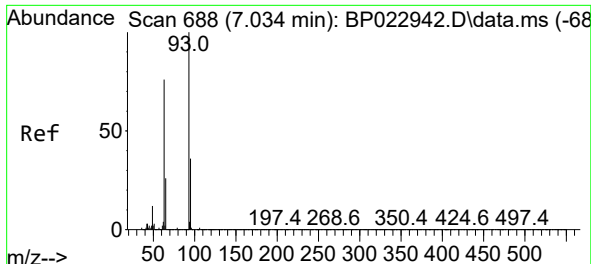
Tgt Ion: 77 Resp: 25679
Ion Ratio Lower Upper
77 100
105 91.2 72.5 108.7
106 87.3 65.5 98.3



#8
Phenol
Concen: 7.998 ng/ul
RT: 6.822 min Scan# 652
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion: 94 Resp: 34654
Ion Ratio Lower Upper
94 100
65 33.5 26.2 39.4
66 56.8 40.2 60.4

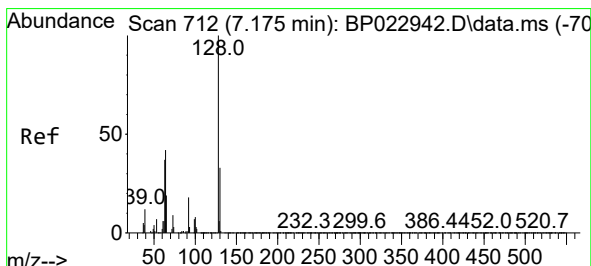
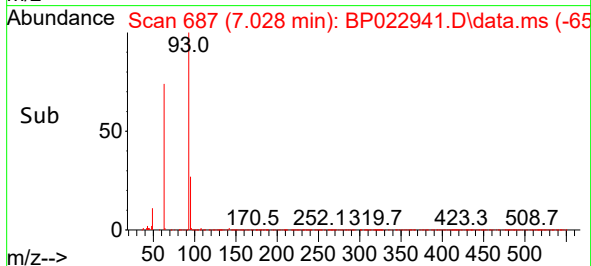
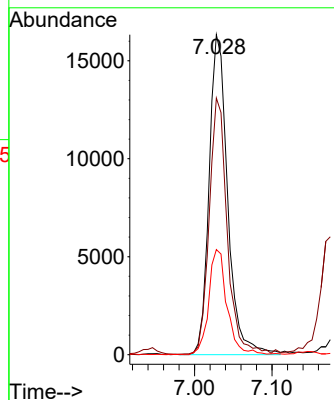
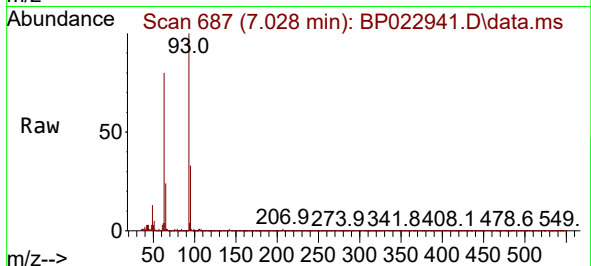




#10
Bis(2-Chloroethyl)ether
Concen: 8.382 ng/ul
RT: 7.028 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

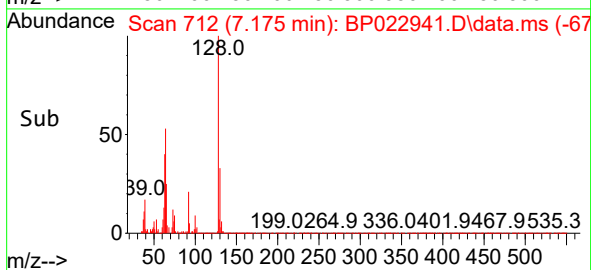
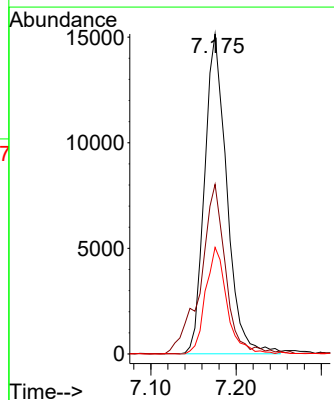
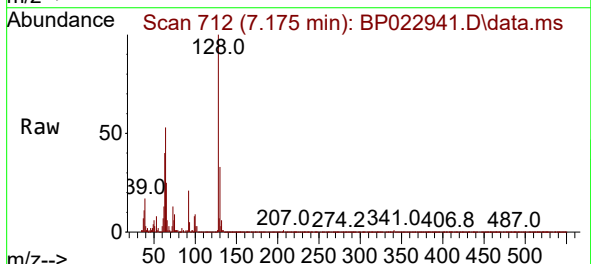
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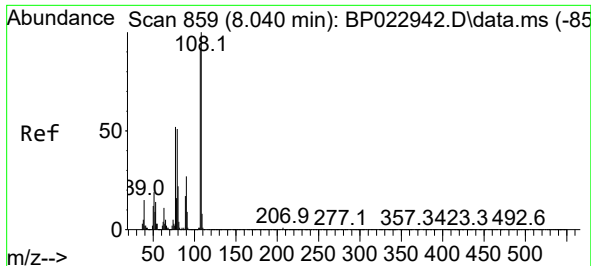
Tgt Ion:	93	Resp:	27181
Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.6	91.0
95	32.9	29.0	43.4



#12
2-Chlorophenol
Concen: 8.959 ng/ul
RT: 7.175 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:	128	Resp:	27379
Ion	Ratio	Lower	Upper
128	100		
64	53.0	39.0	58.6
130	33.3	26.4	39.6

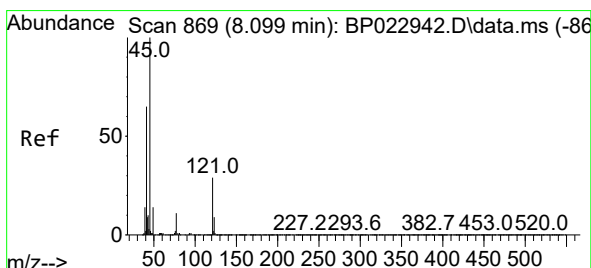
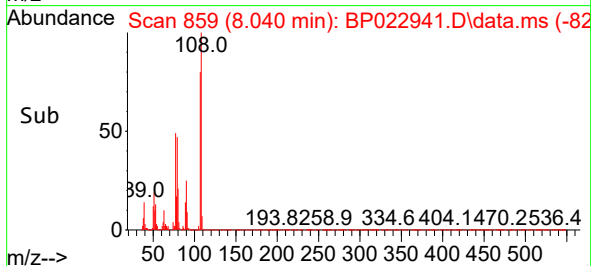
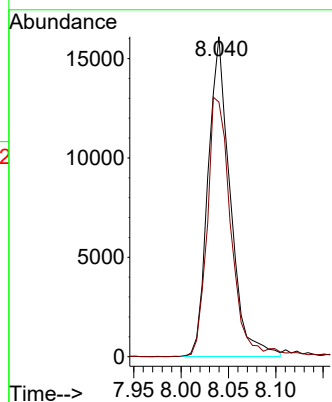
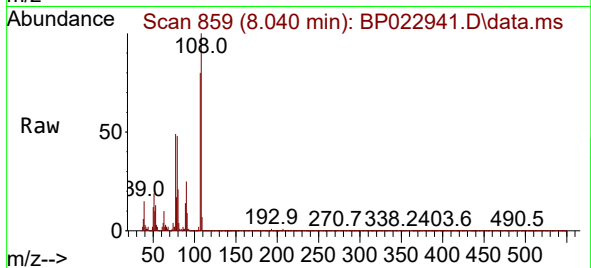




#13
2-Methylphenol
Concen: 8.304 ng/ul
RT: 8.040 min Scan# 859
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

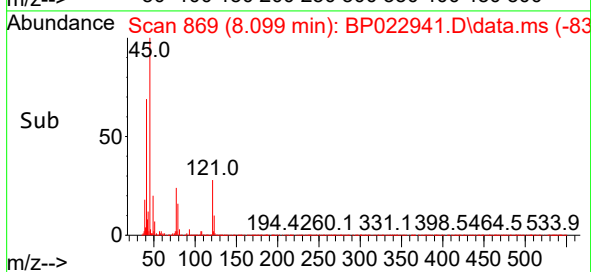
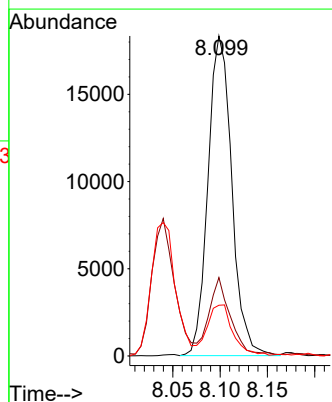
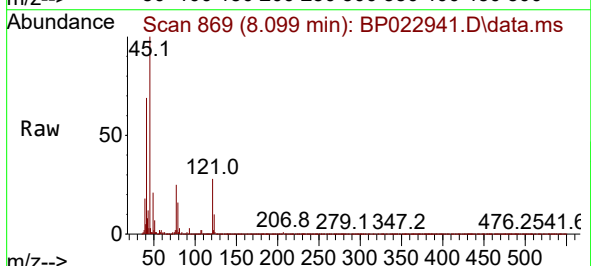
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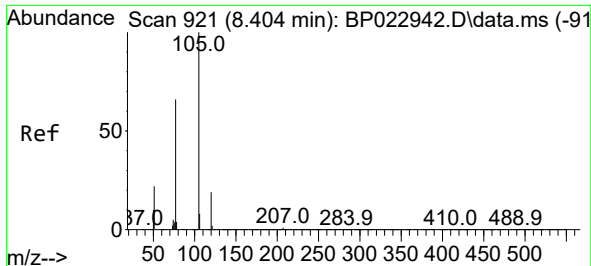
Tgt Ion:108 Resp: 26113
Ion Ratio Lower Upper
108 100
107 79.6 73.3 109.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 8.490 ng/ul
RT: 8.099 min Scan# 869
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion: 45 Resp: 31999
Ion Ratio Lower Upper
45 100
77 24.5 18.2 27.2
79 15.9 11.7 17.5

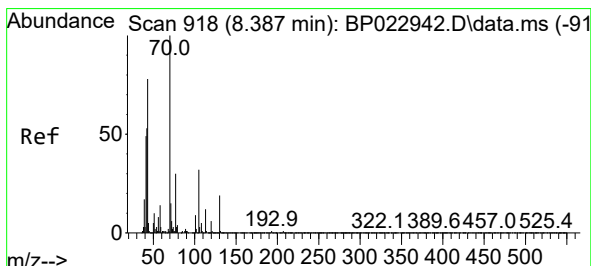
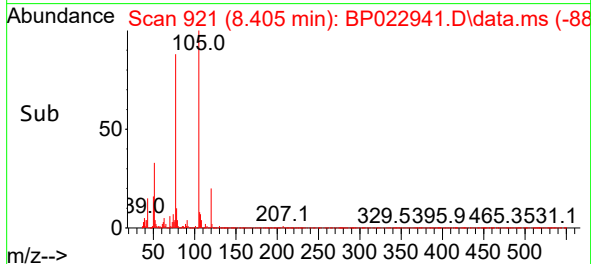
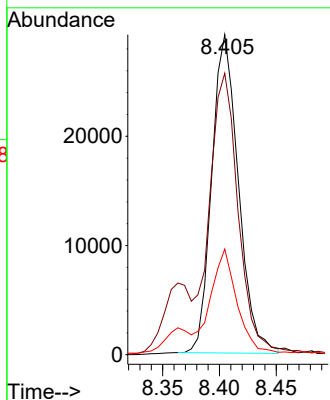
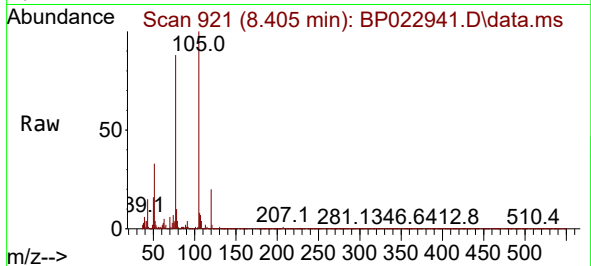




#16
Acetophenone
Concen: 8.659 ng/ul
RT: 8.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

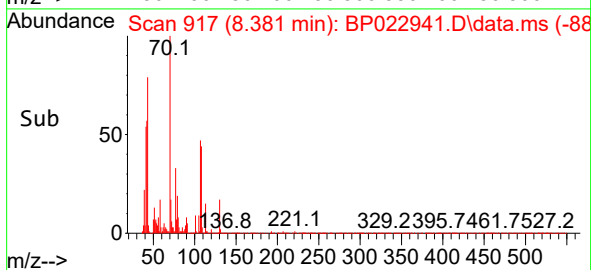
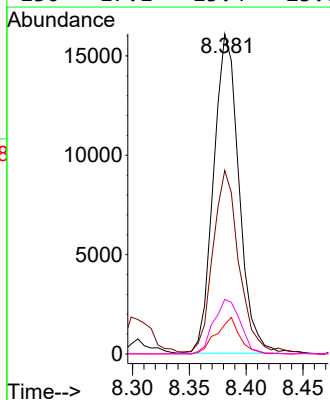
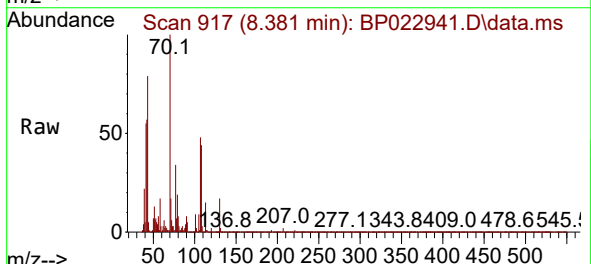
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BNA_P
ClientSampleId :
SSTD010629

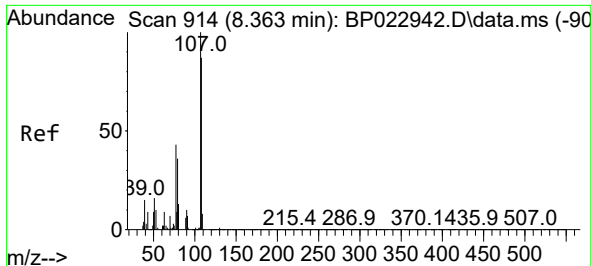
Tgt Ion:	105	Resp:	47513
Ion	Ratio	Lower	Upper
105	100		
77	88.0	69.4	104.0
51	33.0	23.2	34.8



#17
N-Nitroso-di-n-propylamine
Concen: 8.977 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:	70	Resp:	24957
Ion	Ratio	Lower	Upper
70	100		
42	57.4	42.3	63.5
101	9.2	7.4	11.2
130	17.1	15.4	23.0

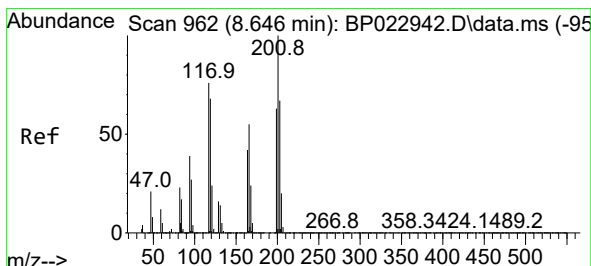
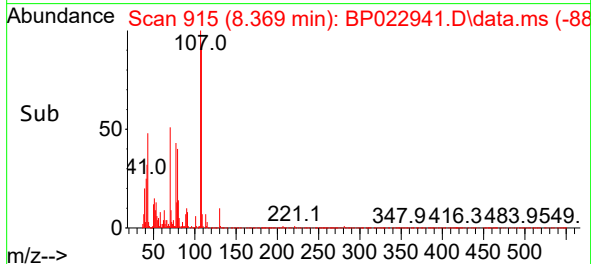
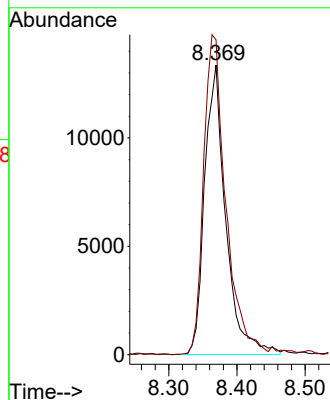
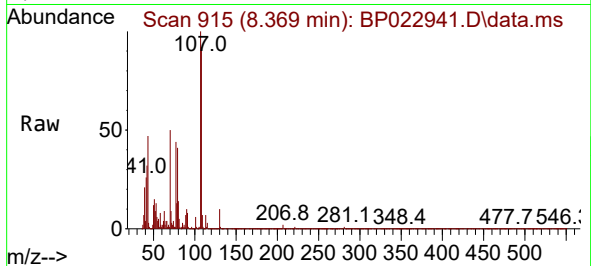




#18
4-Methylphenol
Concen: 8.265 ng/ul
RT: 8.369 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

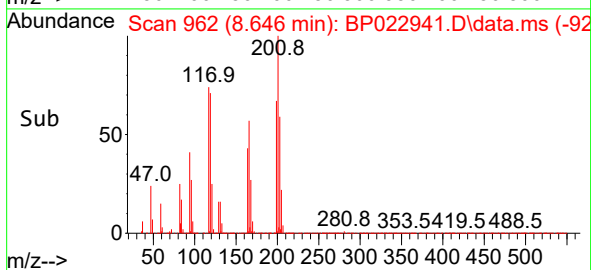
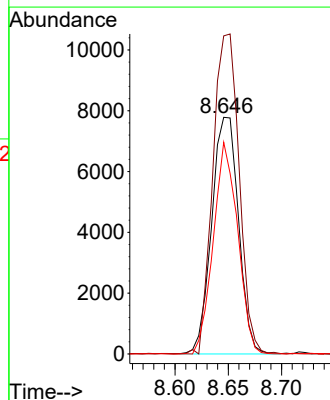
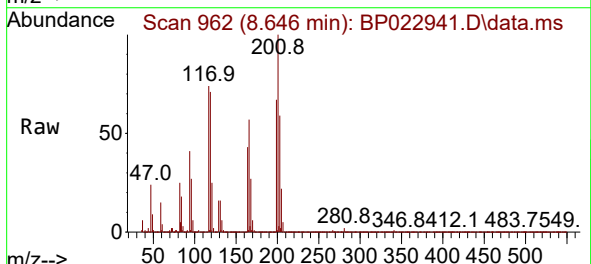
Instrument :
BNA_P
ClientSampleId :
SSTD010629

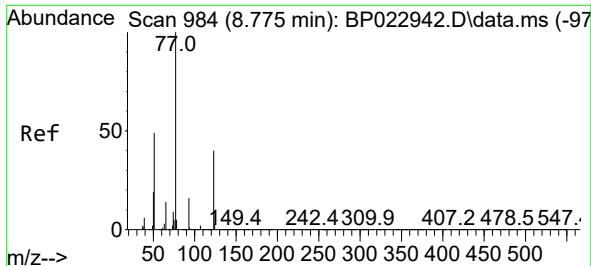
Tgt Ion:108 Resp: 28834
Ion Ratio Lower Upper
108 100
107 108.7 91.5 137.3



#19
Hexachloroethane
Concen: 9.581 ng/ul
RT: 8.646 min Scan# 962
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:117 Resp: 13636
Ion Ratio Lower Upper
117 100
201 134.4 105.0 157.6
199 89.5 65.9 98.9

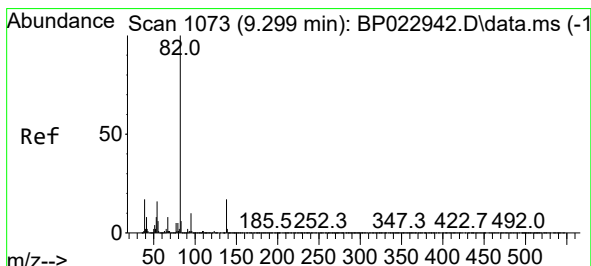
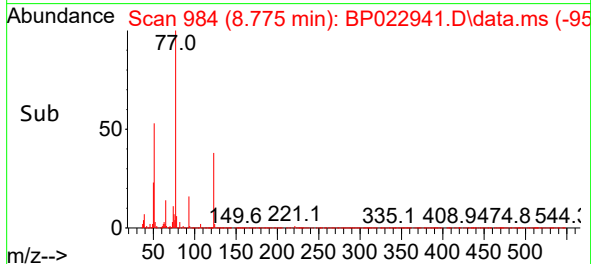
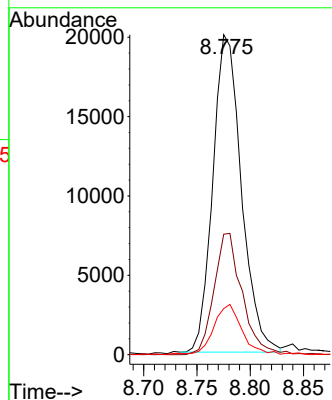
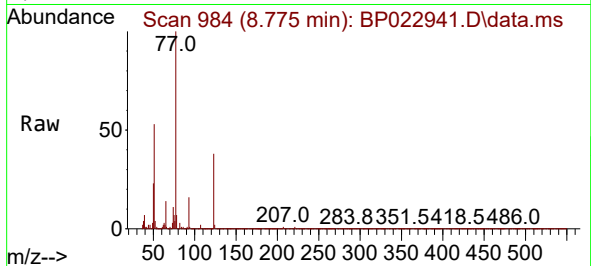




#22
Nitrobenzene
Concen: 8.319 ng/ul
RT: 8.775 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

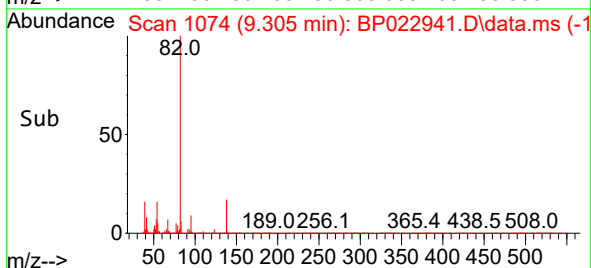
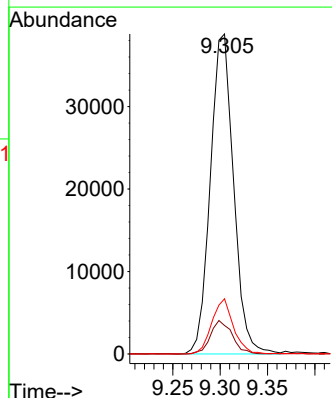
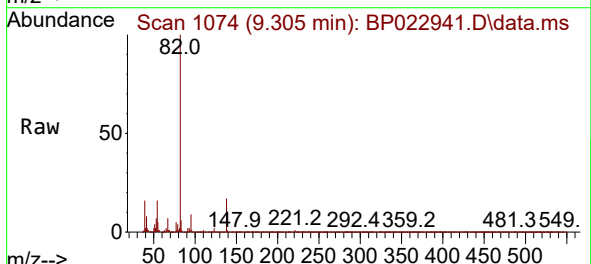
Instrument :
BNA_P
ClientSampleId :
SSTD010629

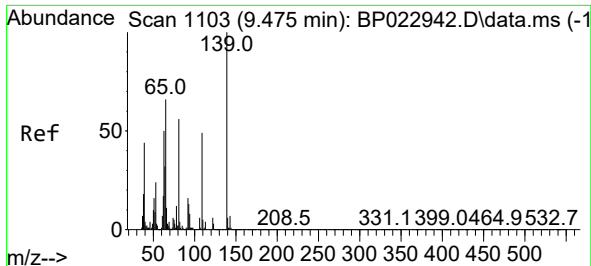
Tgt Ion: 77 Resp: 37306
Ion Ratio Lower Upper
77 100
123 37.7 32.2 48.4
65 14.4 10.9 16.3



#23
Isophorone
Concen: 8.252 ng/ul
RT: 9.305 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion: 82 Resp: 66343
Ion Ratio Lower Upper
82 100
95 8.9 7.6 11.4
138 17.2 13.4 20.2

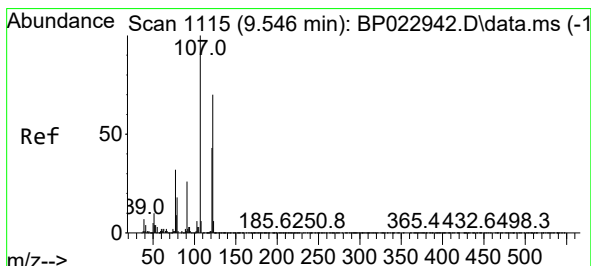
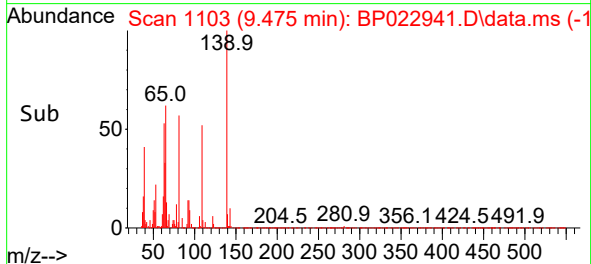
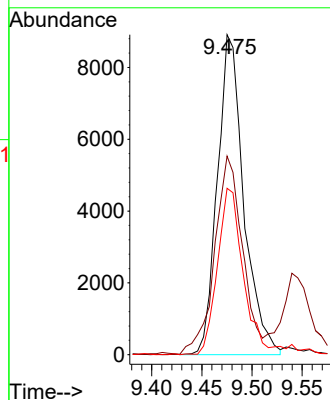
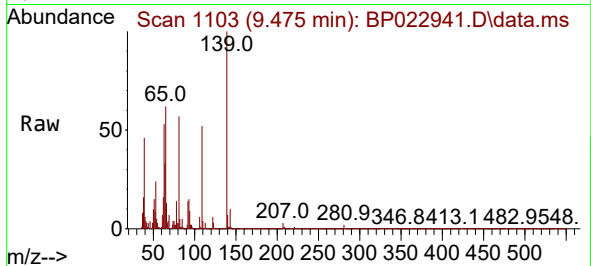




#25
2-Nitrophenol
Concen: 8.666 ng/ul
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

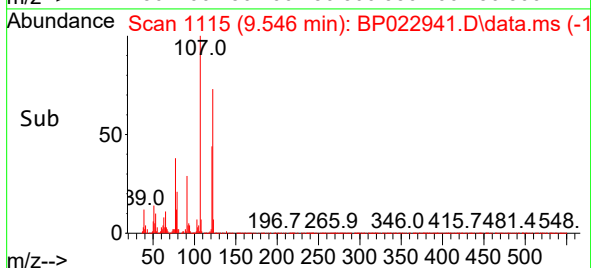
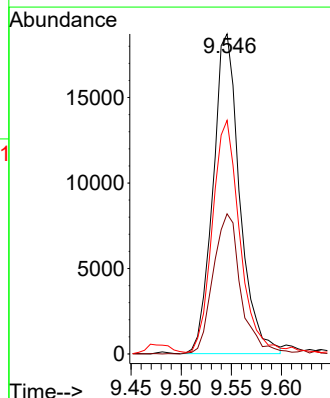
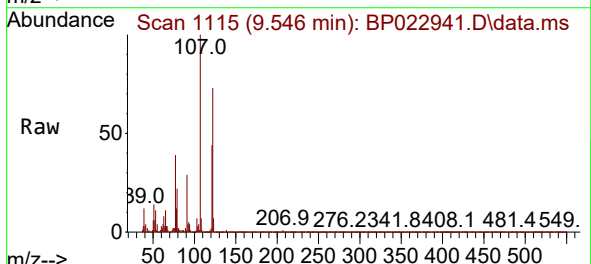
Instrument :
BNA_P
ClientSampleId :
SSTD010629

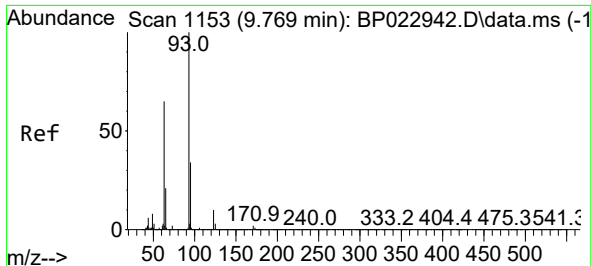
Tgt Ion:139 Resp: 16244
Ion Ratio Lower Upper
139 100
65 62.1 52.8 79.2
109 52.0 38.9 58.3



#26
2,4-Dimethylphenol
Concen: 8.518 ng/ul
RT: 9.546 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:107 Resp: 34703
Ion Ratio Lower Upper
107 100
121 43.8 34.4 51.6
122 73.0 56.7 85.1





#27

Bis(2-Chloroethoxy)methane

Concen: 8.201 ng/ul

RT: 9.769 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

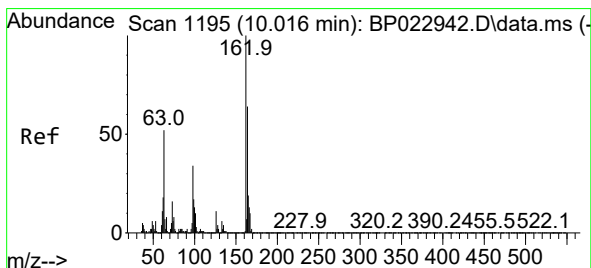
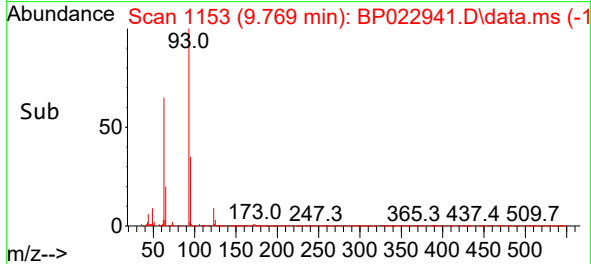
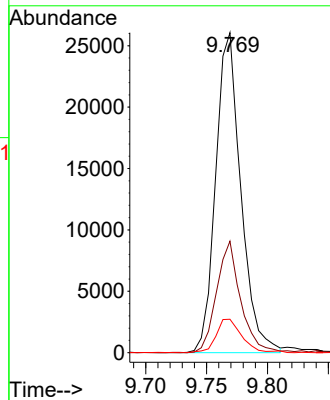
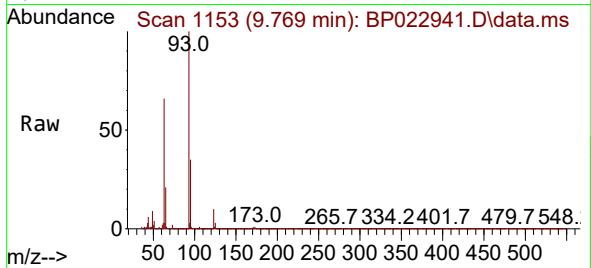
Tgt Ion: 93 Resp: 37439

Ion Ratio Lower Upper

93 100

95 34.9 27.0 40.6

123 10.5 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 8.428 ng/ul

RT: 10.022 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

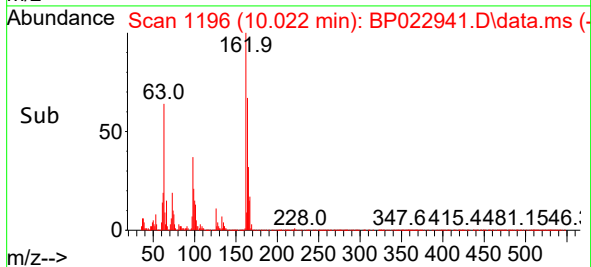
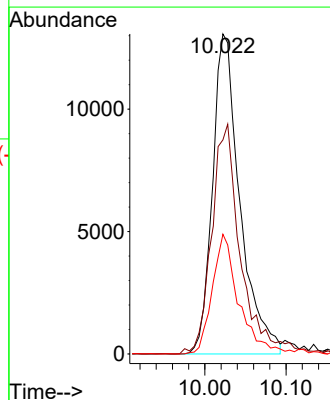
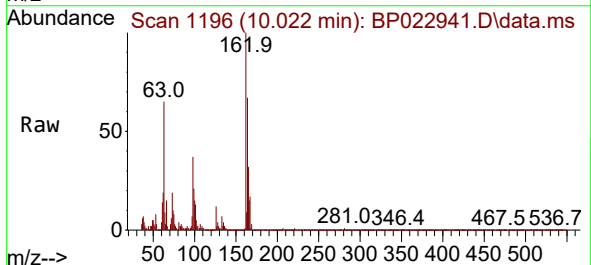
Tgt Ion:162 Resp: 30678

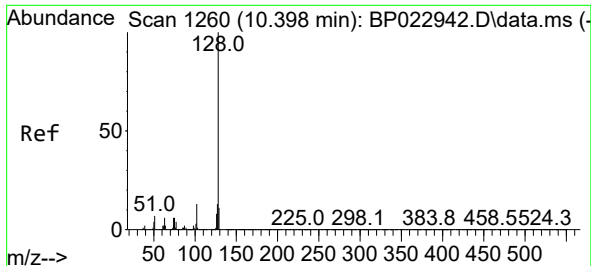
Ion Ratio Lower Upper

162 100

164 66.9 51.4 77.0

98 37.4 27.0 40.6

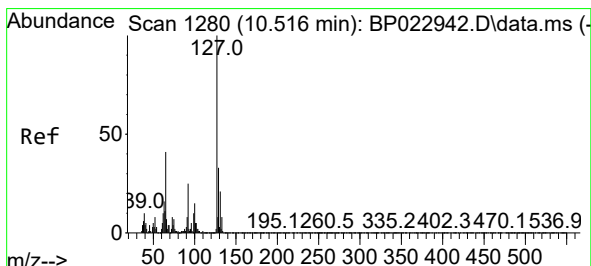
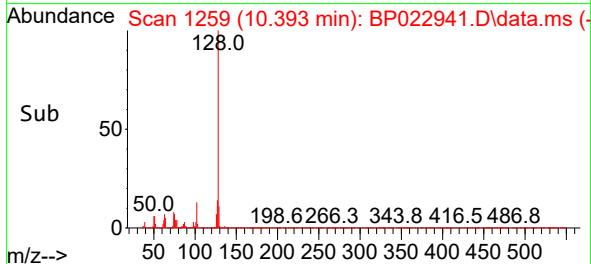
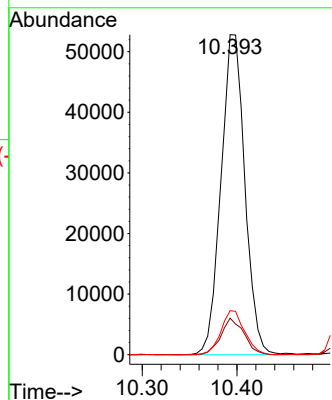
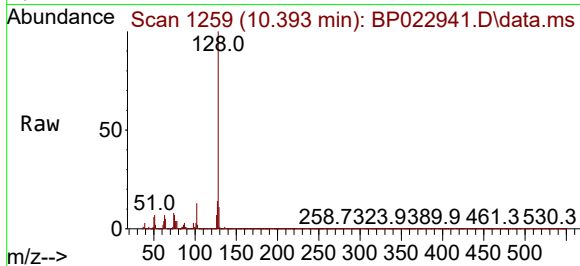




#30
Naphthalene
Concen: 8.898 ng/ul
RT: 10.393 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

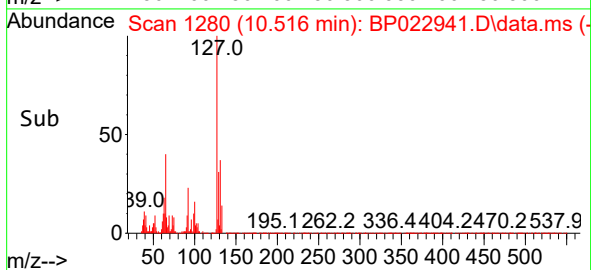
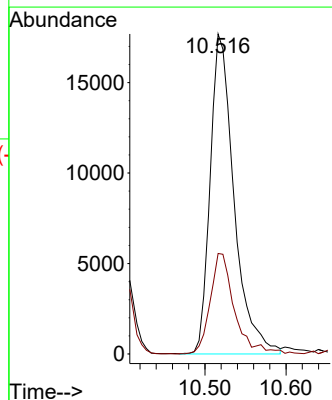
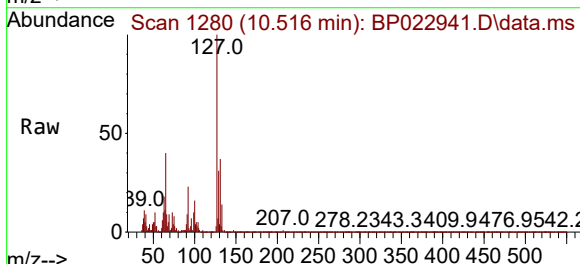
Instrument :
BNA_P
ClientSampleId :
SSTD010629

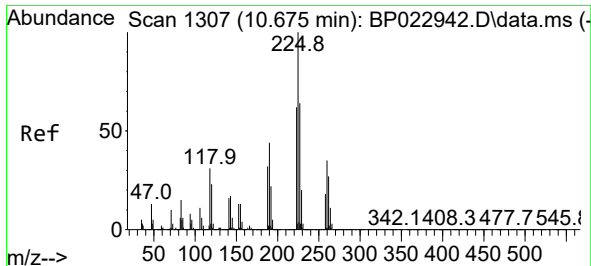
Tgt Ion:128 Resp: 92598
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.2 15.2



#32
4-Chloroaniline
Concen: 8.377 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:127 Resp: 36118
Ion Ratio Lower Upper
127 100
129 31.4 26.4 39.6

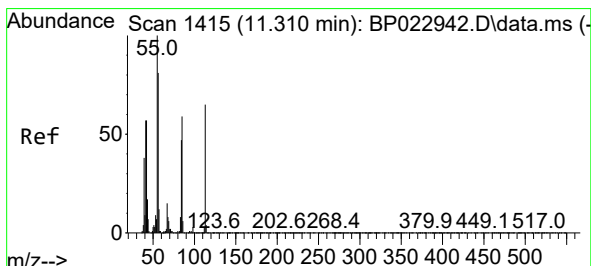
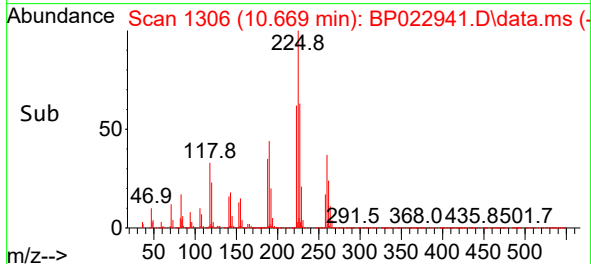
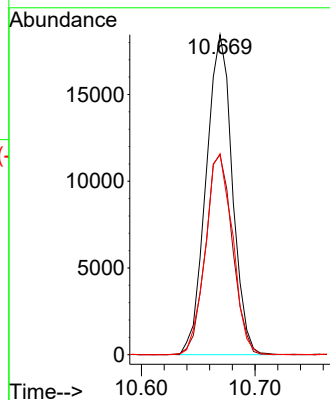
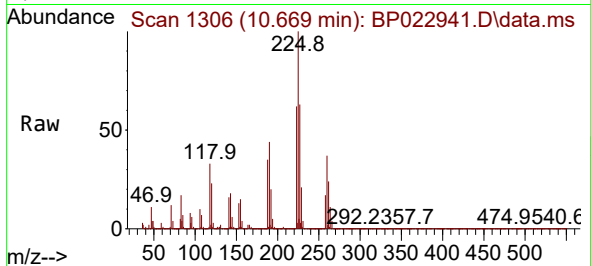




#33
Hexachlorobutadiene
Concen: 9.665 ng/ul
RT: 10.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

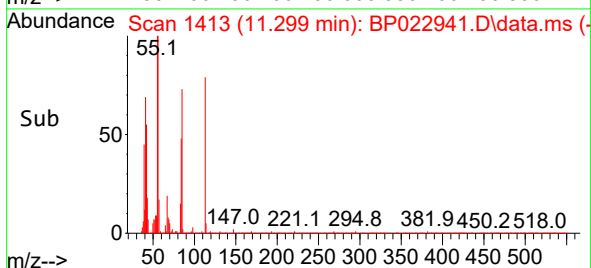
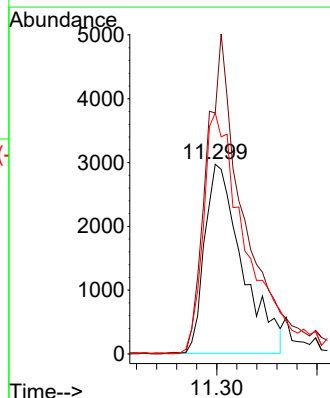
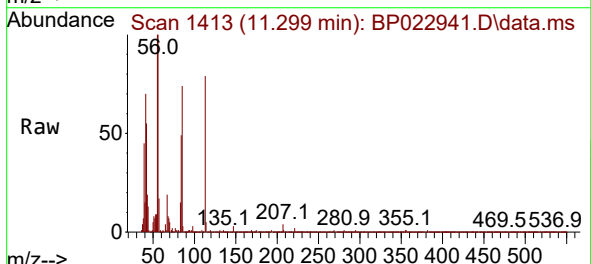
Instrument :
BNA_P
ClientSampleId :
SSTD010629

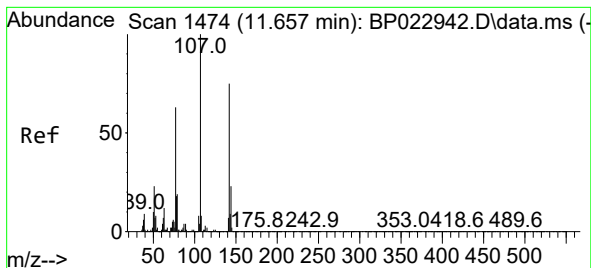
Tgt Ion:225 Resp: 29654
Ion Ratio Lower Upper
225 100
223 62.5 49.7 74.5
227 62.8 51.4 77.0



#34
Caprolactam
Concen: 6.564 ng/ul
RT: 11.299 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:113 Resp: 7703
Ion Ratio Lower Upper
113 100
55 127.0 123.0 184.6
56 127.0 99.8 149.8

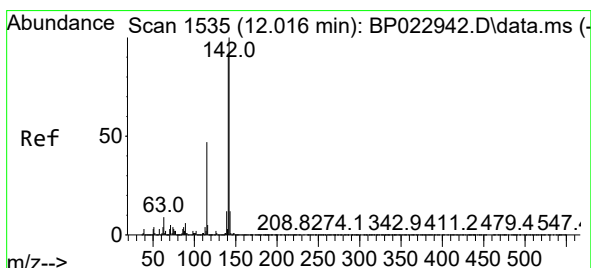
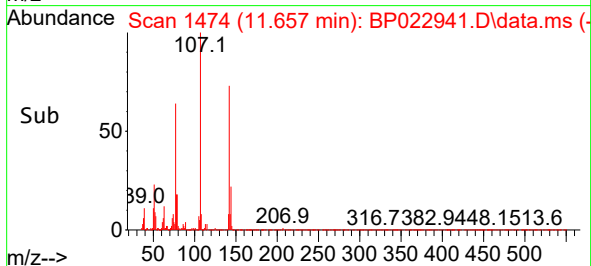
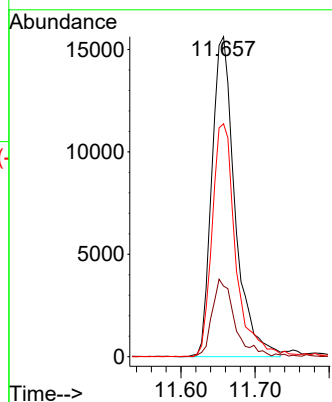
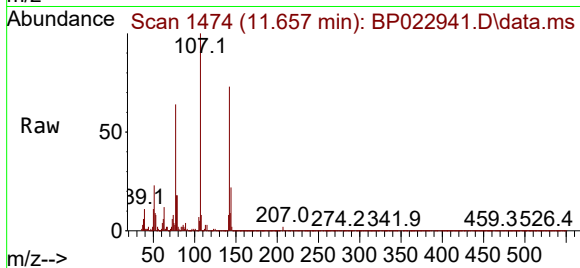




#35
4-Chloro-3-methylphenol
Concen: 8.553 ng/ul
RT: 11.657 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

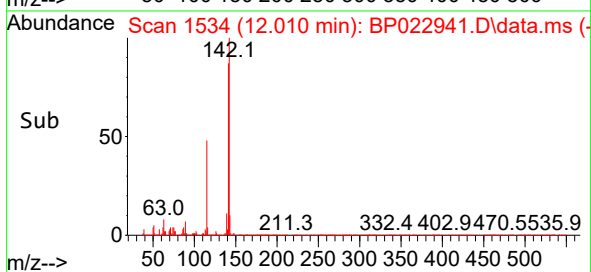
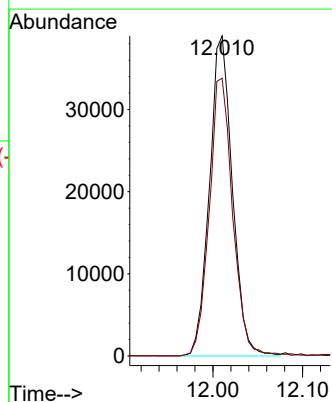
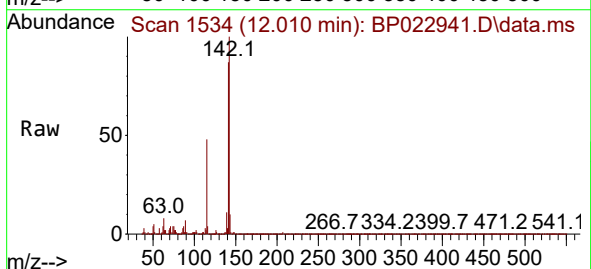
Instrument :
BNA_P
ClientSampleId :
SSTD010629

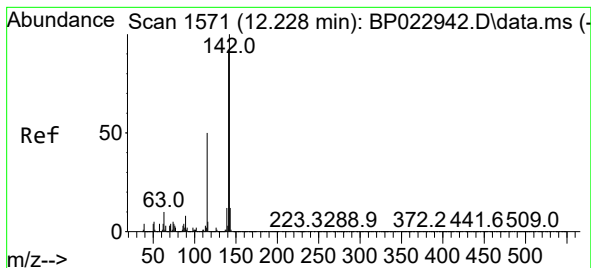
Tgt Ion:107 Resp: 33970
Ion Ratio Lower Upper
107 100
144 22.1 18.8 28.2
142 72.8 59.8 89.8



#36
2-Methylnaphthalene
Concen: 9.062 ng/ul
RT: 12.010 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:142 Resp: 69223
Ion Ratio Lower Upper
142 100
141 86.8 73.1 109.7





#37

1-Methylnaphthalene

Concen: 9.167 ng/ul

RT: 12.222 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

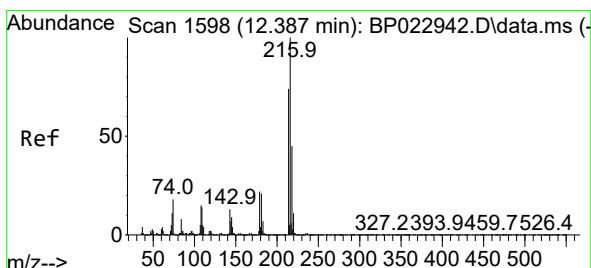
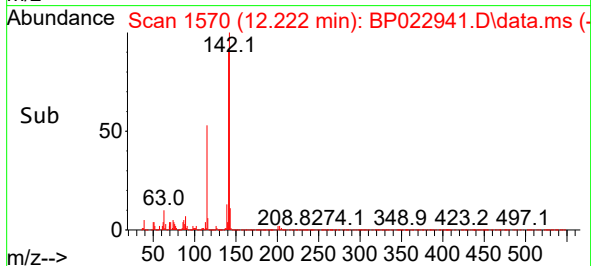
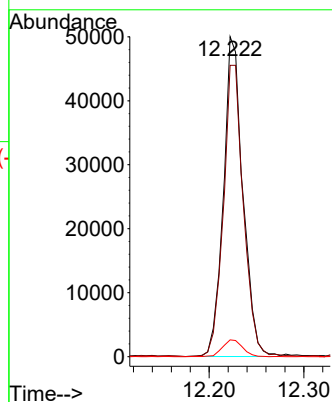
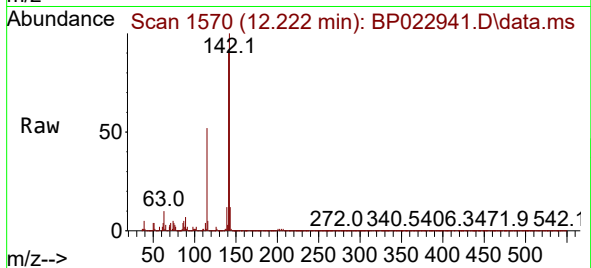
Tgt Ion:142 Resp: 71476

Ion Ratio Lower Upper

142 100

141 91.0 73.8 110.8

116 5.2 4.2 6.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 8.921 ng/ul

RT: 12.381 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Tgt Ion:216 Resp: 53157

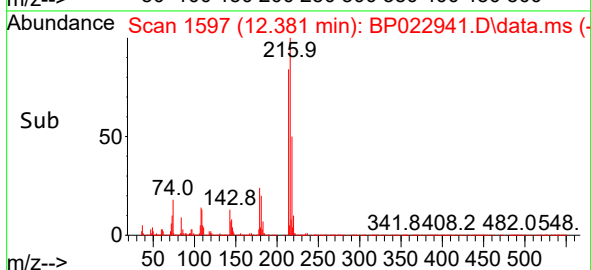
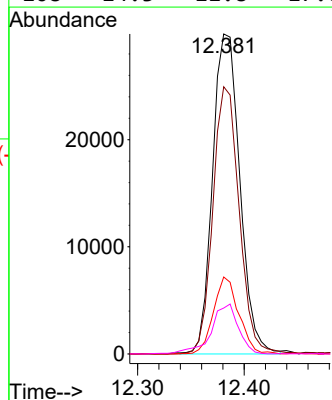
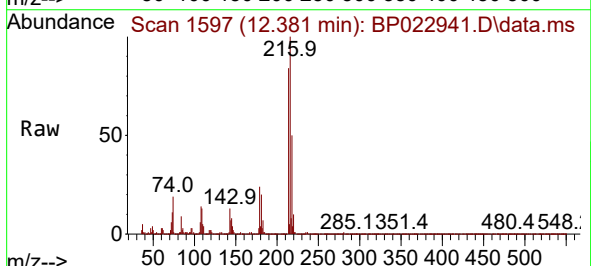
Ion Ratio Lower Upper

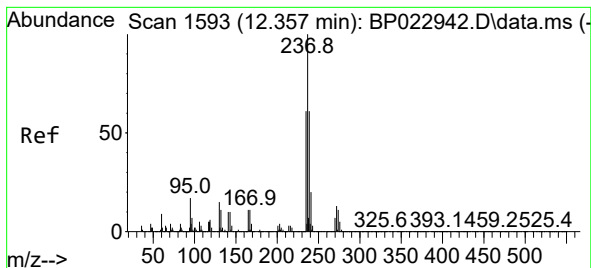
216 100

214 83.5 59.4 89.2

179 24.1 17.3 25.9

108 14.3 11.8 17.6





#40

Hexachlorocyclopentadiene

Concen: 5.648 ng/ul

RT: 12.351 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

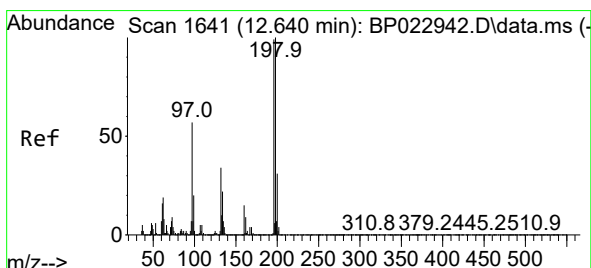
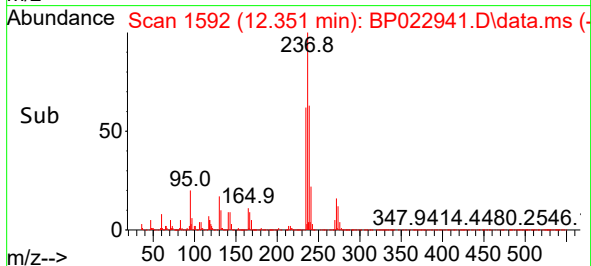
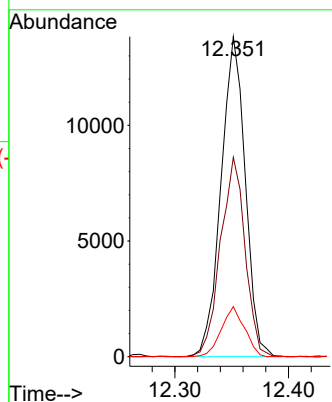
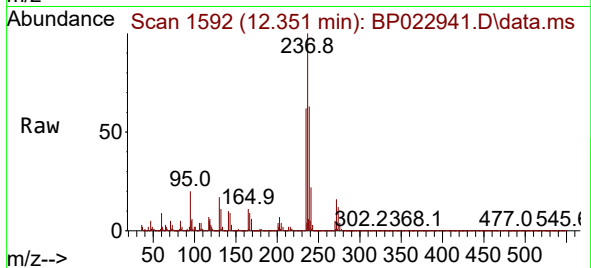
Tgt Ion:237 Resp: 20504

Ion Ratio Lower Upper

237 100

235 62.3 48.6 73.0

272 16.3 10.2 15.2#



#41

2,4,6-Trichlorophenol

Concen: 8.232 ng/ul

RT: 12.646 min Scan# 1642

Delta R.T. 0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

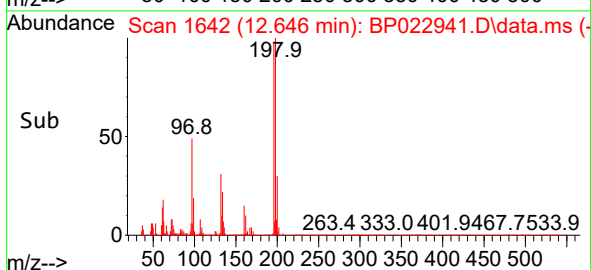
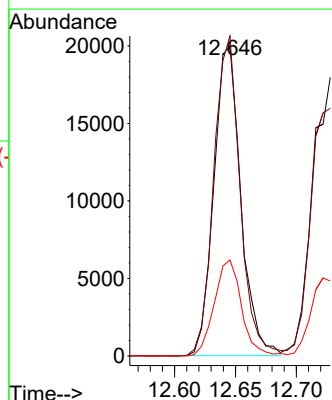
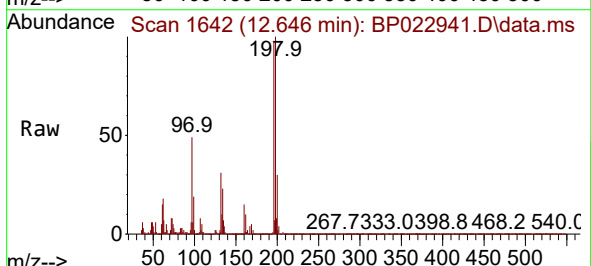
Tgt Ion:196 Resp: 30855

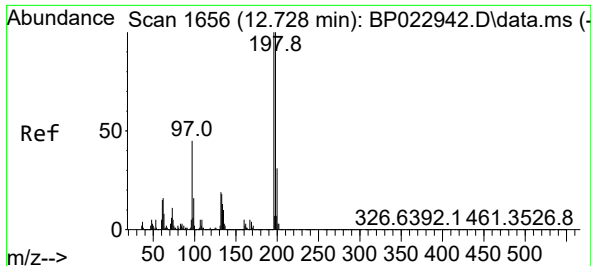
Ion Ratio Lower Upper

196 100

198 103.2 80.5 120.7

200 31.0 25.2 37.8

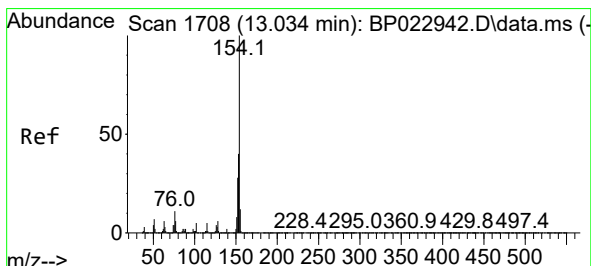
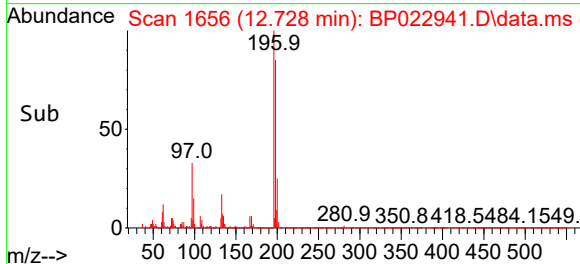
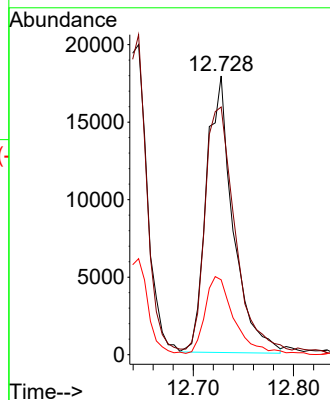
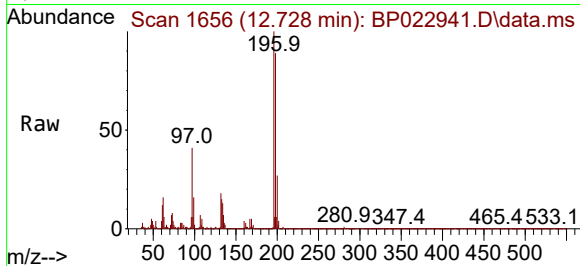




#42
2,4,5-Trichlorophenol
Concen: 8.269 ng/ul
RT: 12.728 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

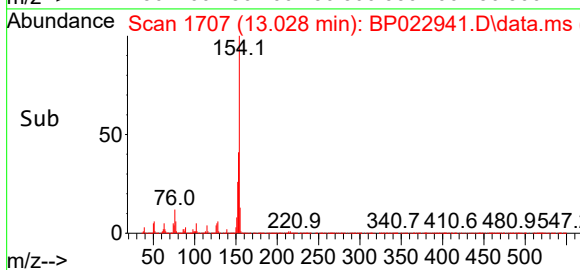
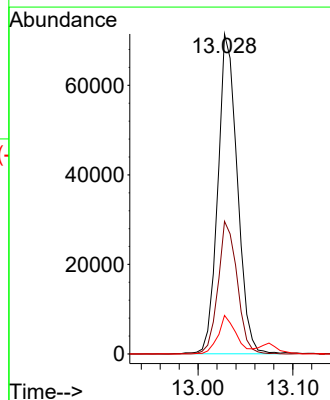
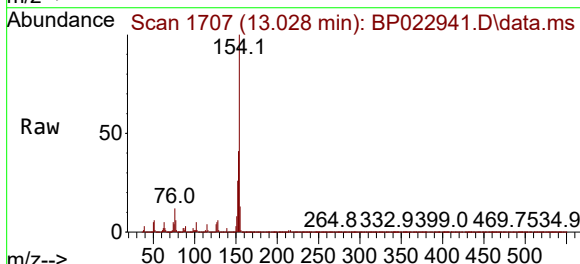
Instrument :
BNA_P
ClientSampleId :
SSTD010629

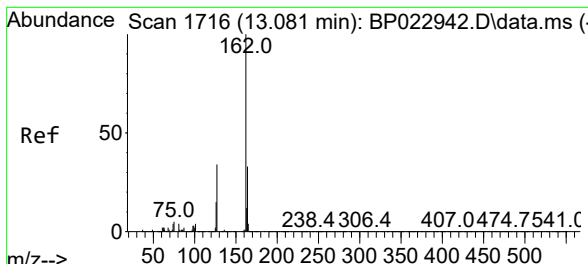
Tgt Ion:196 Resp: 33001
Ion Ratio Lower Upper
196 100
198 88.9 79.6 119.4
200 26.9 25.0 37.6



#43
1,1'-Biphenyl
Concen: 8.789 ng/ul
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:154 Resp: 102087
Ion Ratio Lower Upper
154 100
153 41.4 32.0 48.0
76 12.1 8.4 12.6

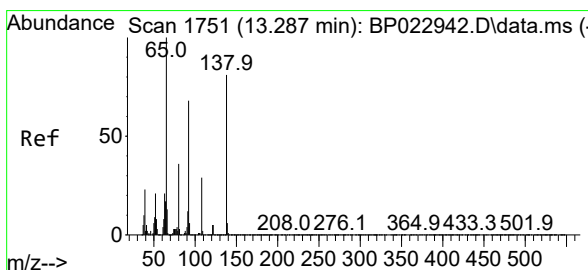
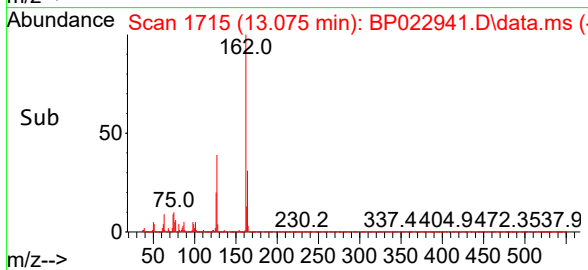
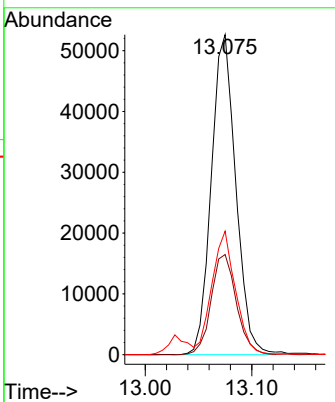
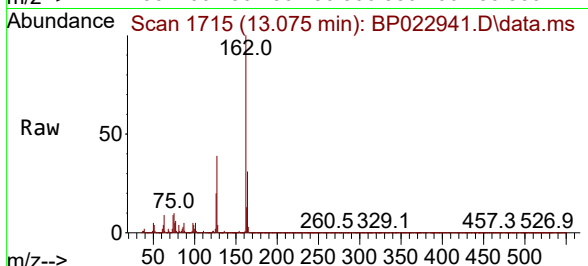




#44
2-Chloronaphthalene
Concen: 8.823 ng/ul
RT: 13.075 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

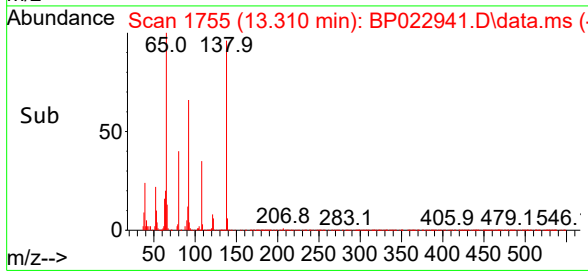
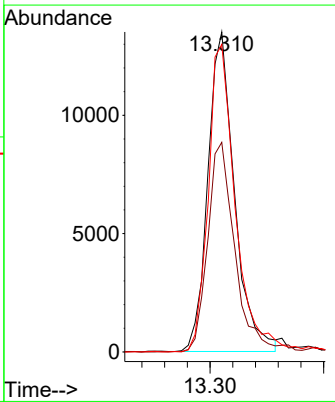
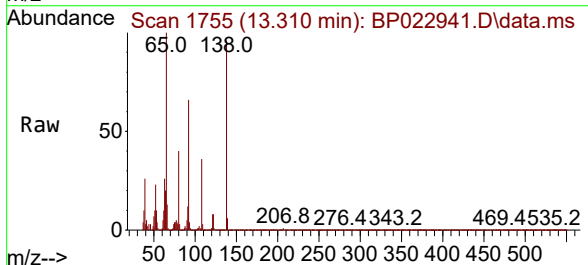
Instrument :
BNA_P
ClientSampleId :
SSTD010629

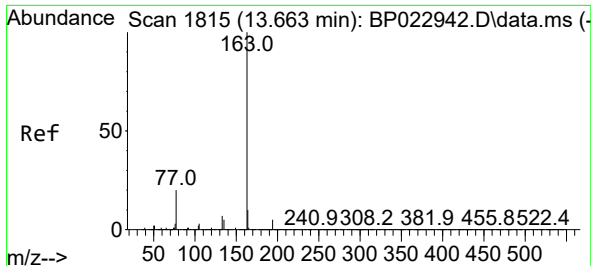
Tgt Ion:162	Resp:	83892
Ion Ratio	Lower	Upper
162	100	
164	31.3	26.6 40.0
127	38.6	30.2 45.2



#45
2-Nitroaniline
Concen: 7.745 ng/ul
RT: 13.310 min Scan# 1755
Delta R.T. 0.024 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion: 65	Resp:	21990
Ion Ratio	Lower	Upper
65	100	
92	65.5	54.2 81.2
138	96.1	65.1 97.7





#47

Dimethylphthalate

Concen: 9.094 ng/ul

RT: 13.675 min Scan# 1815

Delta R.T. 0.012 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

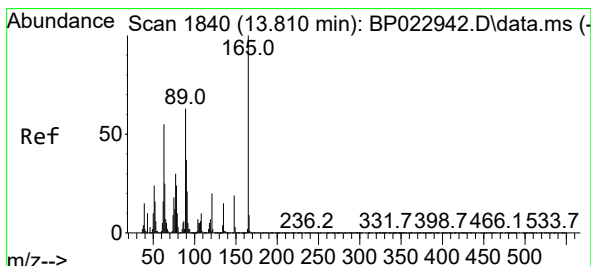
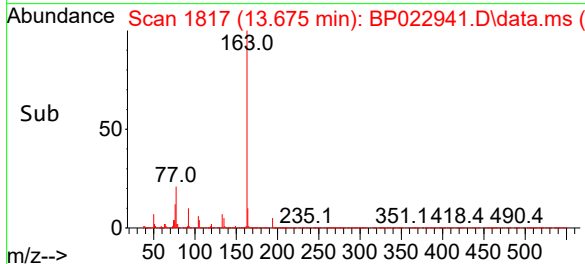
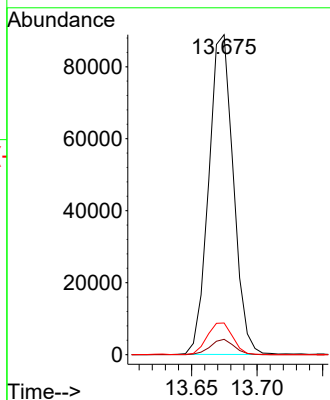
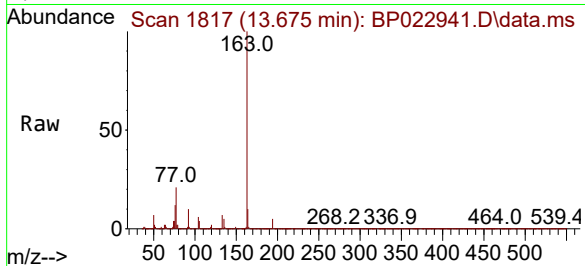
Tgt Ion:163 Resp: 116017

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

164 9.9 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 8.663 ng/ul

RT: 13.798 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

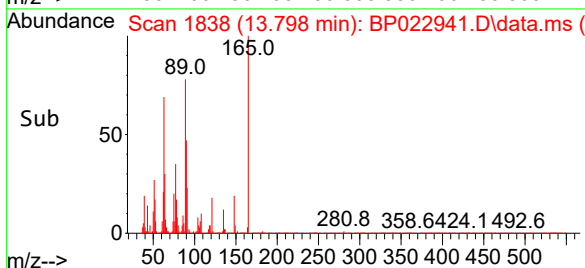
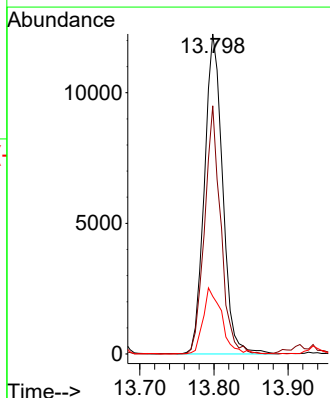
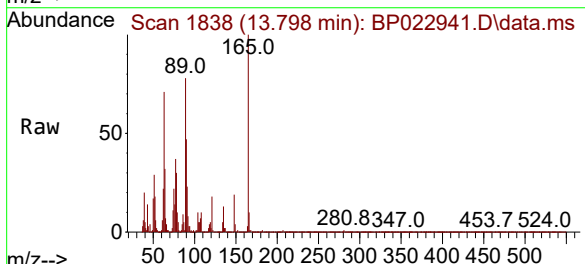
Tgt Ion:165 Resp: 20904

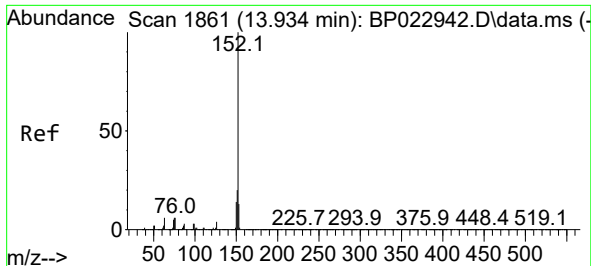
Ion Ratio Lower Upper

165 100

89 77.6 50.6 75.8#

121 18.0 15.8 23.8

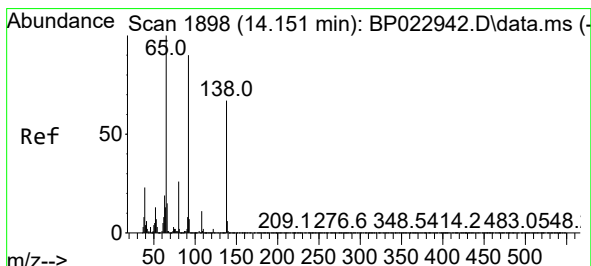
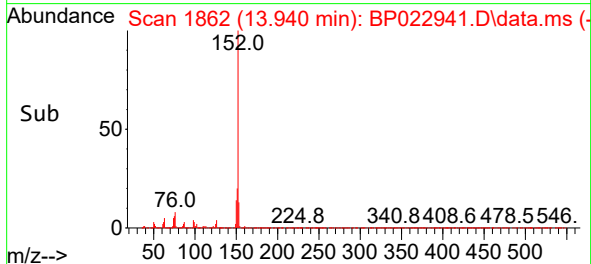
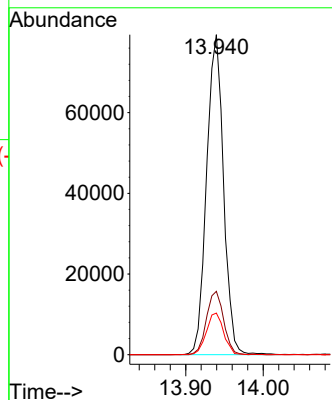
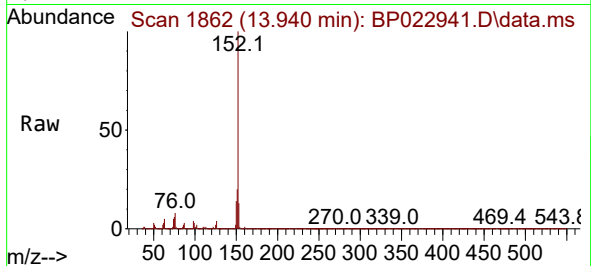




#50
Acenaphthylene
Concen: 8.516 ng/ul
RT: 13.940 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

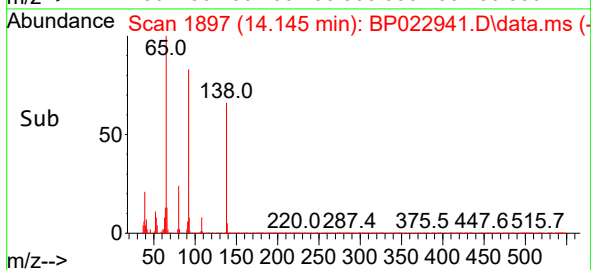
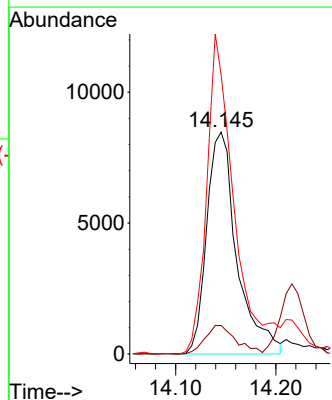
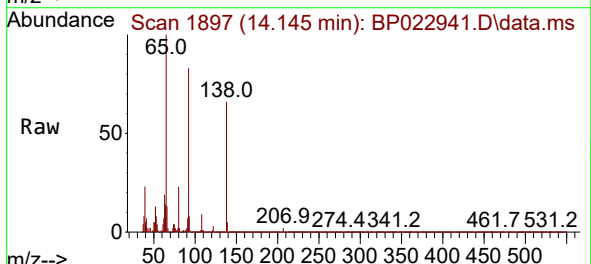
Instrument :
BNA_P
ClientSampleId :
SSTD010629

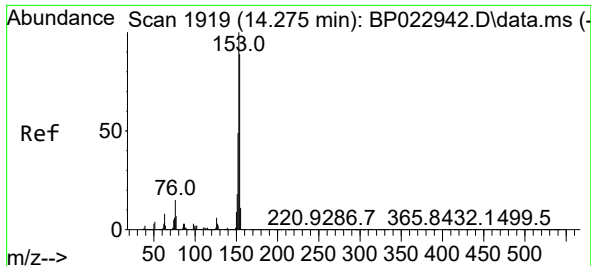
Tgt Ion:152 Resp: 120190
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.0 10.2 15.2



#51
3-Nitroaniline
Concen: 7.820 ng/ul
RT: 14.145 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:138 Resp: 17725
Ion Ratio Lower Upper
138 100
108 12.9 12.7 19.1
92 125.8 107.8 161.8

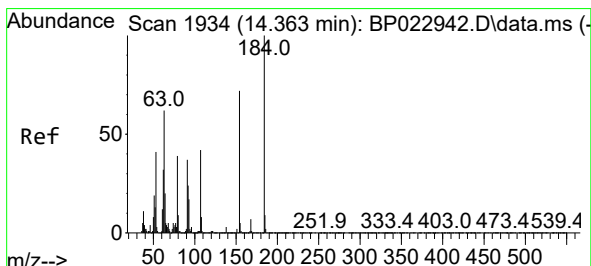
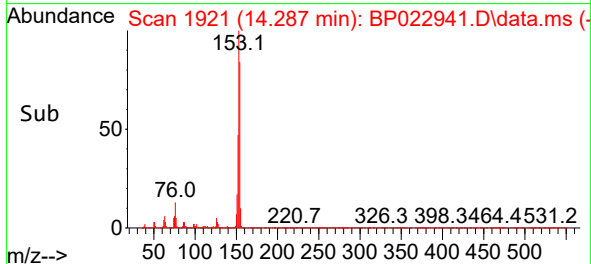
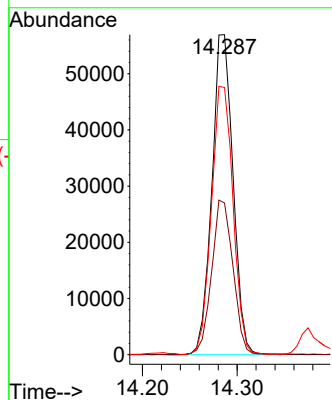
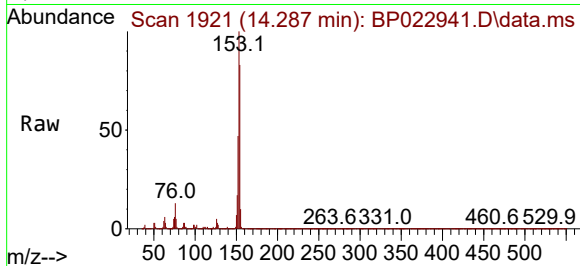




#52
Acenaphthene
Concen: 8.844 ng/ul
RT: 14.287 min Scan# 1921
Delta R.T. 0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

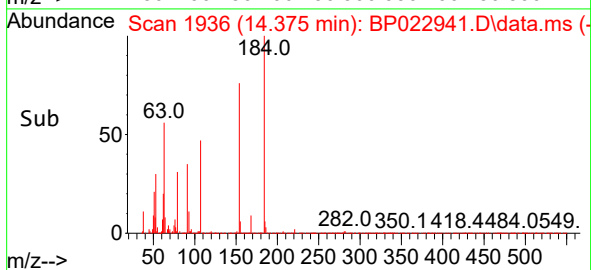
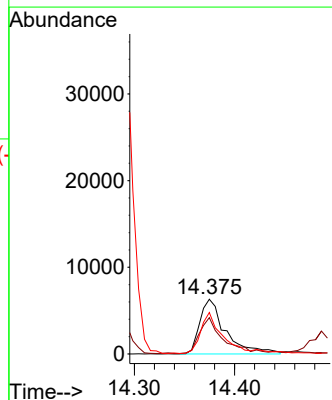
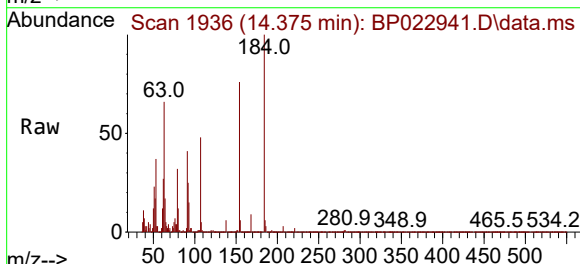
Instrument :
BNA_P
ClientSampleId :
SSTD010629

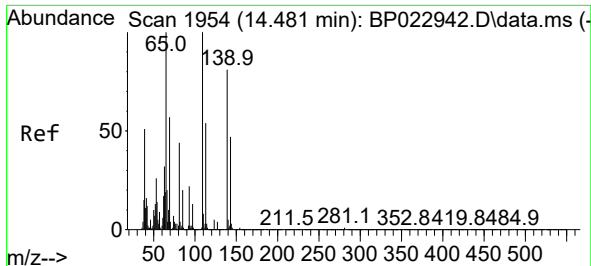
Tgt Ion:153 Resp: 88267
Ion Ratio Lower Upper
153 100
152 47.4 39.6 59.4
154 83.5 70.9 106.3



#53
2,4-Dinitrophenol
Concen: 6.355 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:184 Resp: 11283
Ion Ratio Lower Upper
184 100
63 66.5 50.1 75.1
154 76.0 58.2 87.4

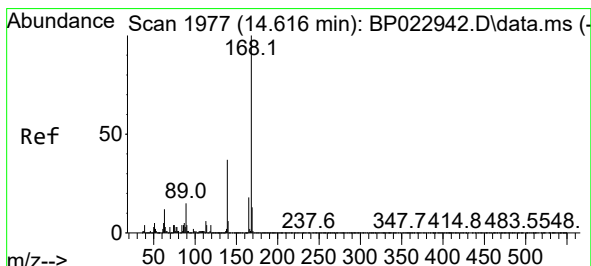
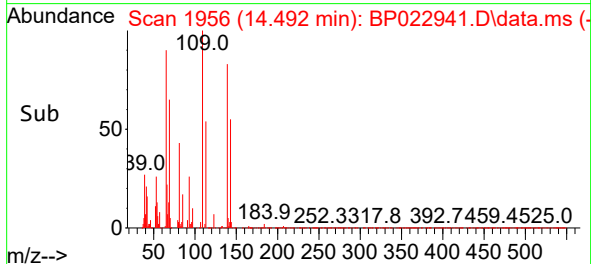
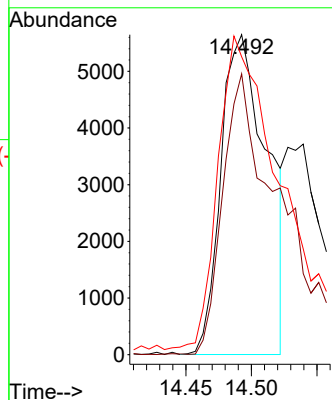
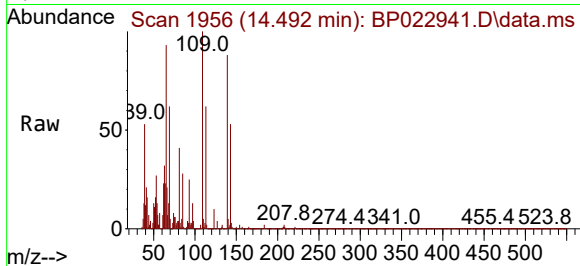




#55
4-Nitrophenol
Concen: 5.797 ng/ul
RT: 14.492 min Scan# 1956
Delta R.T. 0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

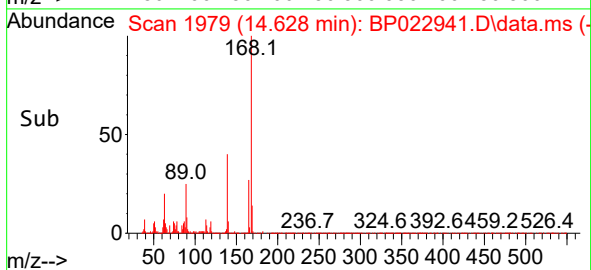
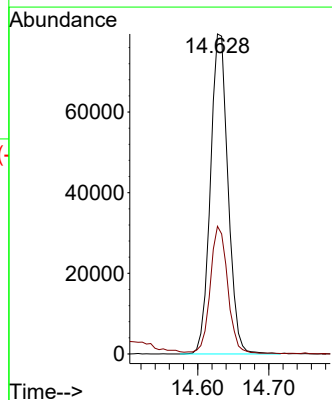
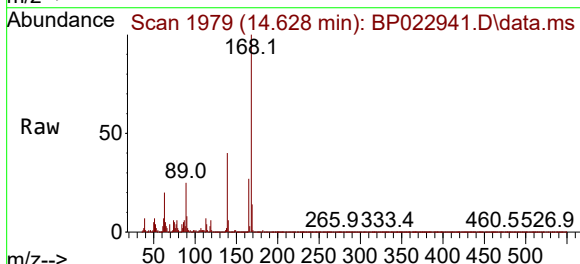
Instrument :
BNA_P
ClientSampleId :
SSTD010629

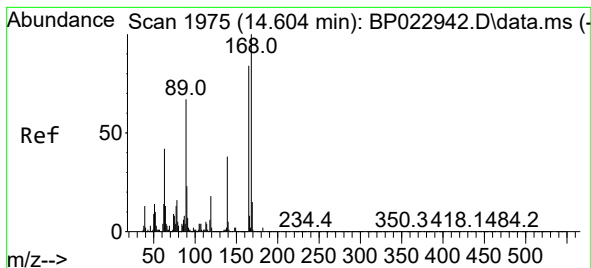
Tgt Ion:109 Resp: 13820
Ion Ratio Lower Upper
109 100
139 87.7 64.6 96.8
65 93.1 80.6 120.8



#56
Dibenzofuran
Concen: 9.113 ng/ul
RT: 14.628 min Scan# 1979
Delta R.T. 0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:168 Resp: 136612
Ion Ratio Lower Upper
168 100
139 39.9 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 9.120 ng/ul

RT: 14.628 min Scan# 1975

Delta R.T. 0.024 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

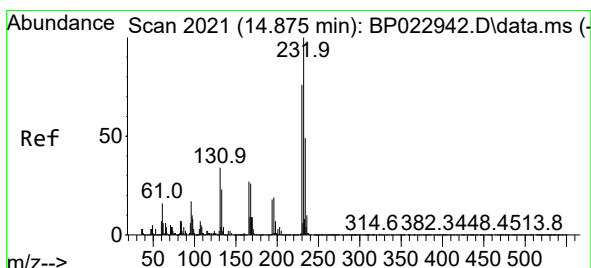
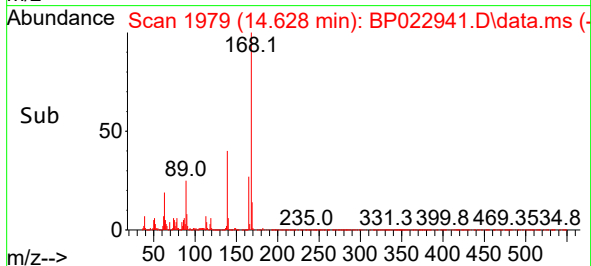
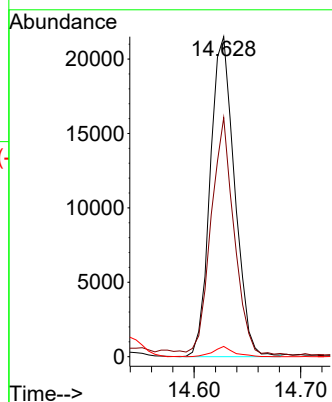
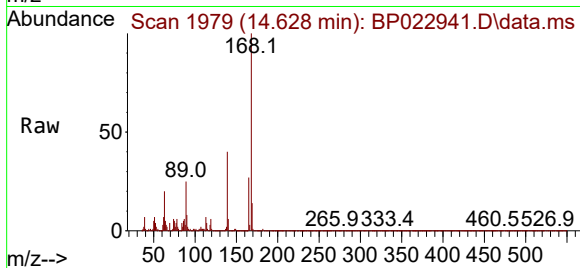
Tgt Ion:165 Resp: 34200

Ion Ratio Lower Upper

165 100

63 74.7 41.3 61.9#

182 3.2 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.772 ng/ul

RT: 14.869 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Tgt Ion:232 Resp: 32677

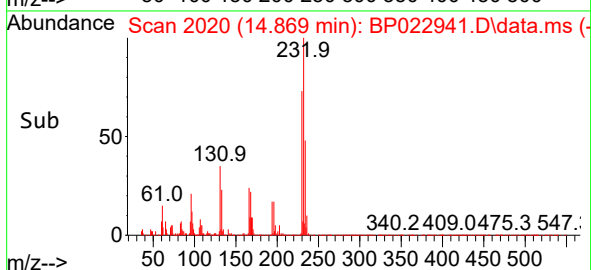
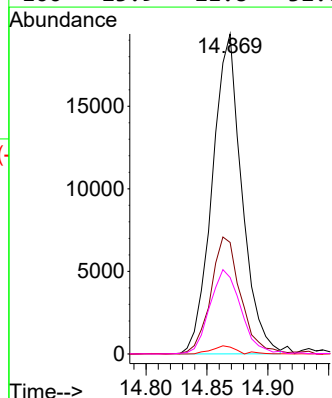
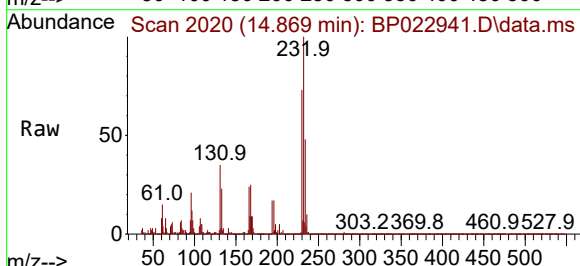
Ion Ratio Lower Upper

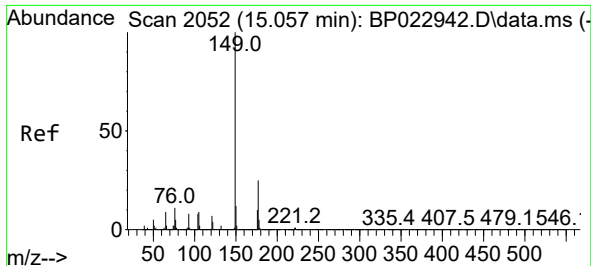
232 100

131 34.8 27.0 40.6

130 2.1 1.9 2.9

166 23.9 21.8 32.6

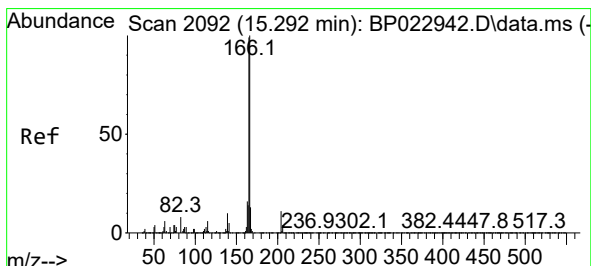
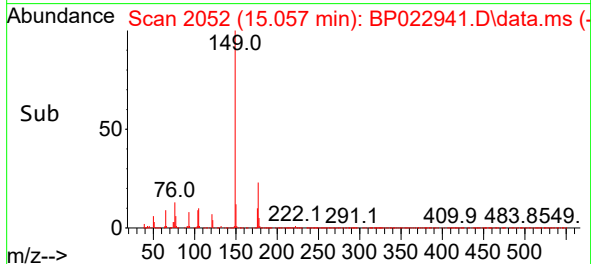
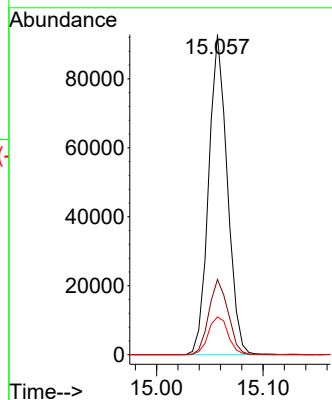
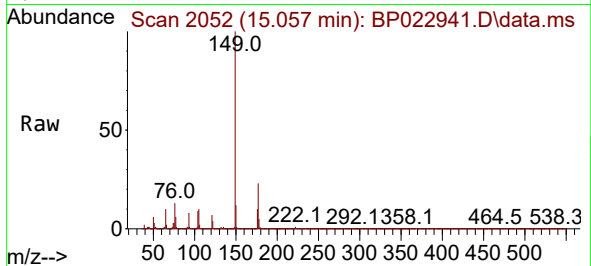




#59
Diethylphthalate
Concen: 9.226 ng/ul
RT: 15.057 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

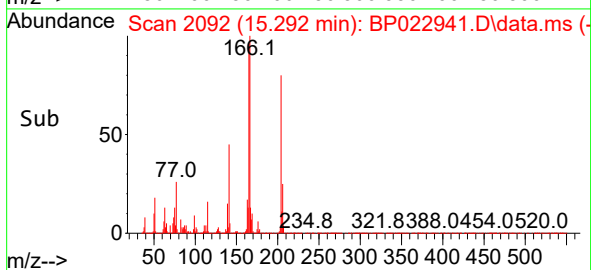
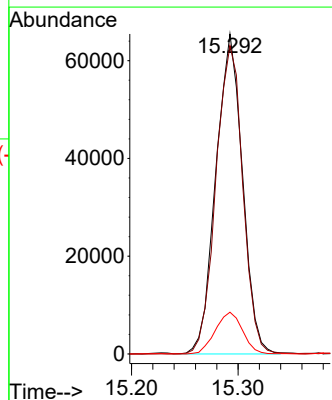
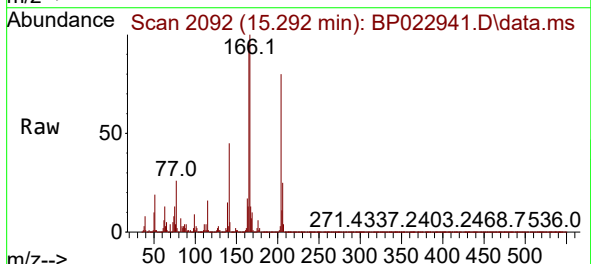
Instrument :
BNA_P
ClientSampleId :
SSTD010629

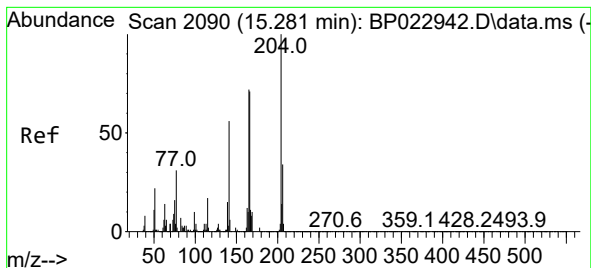
Tgt Ion:149 Resp: 112923
Ion Ratio Lower Upper
149 100
177 23.5 19.7 29.5
150 11.8 9.8 14.6



#61
Fluorene
Concen: 9.285 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:166 Resp: 113414
Ion Ratio Lower Upper
166 100
165 96.4 79.5 119.3
167 13.0 10.3 15.5

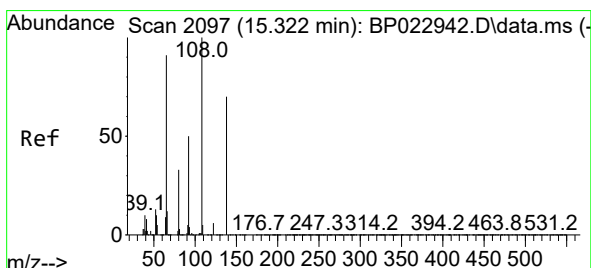
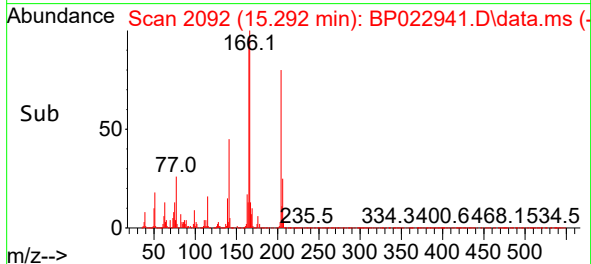
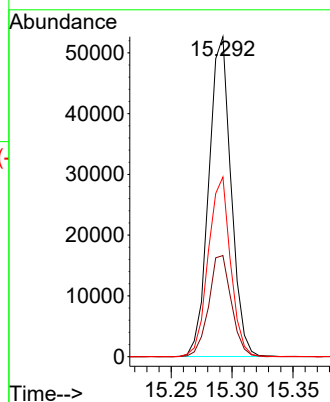
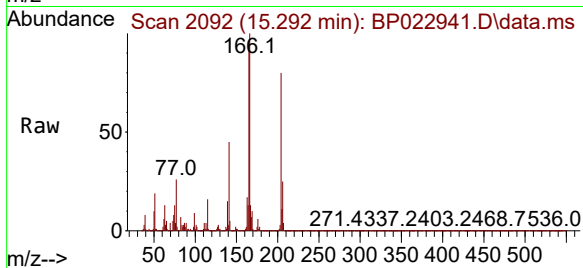




#62
4-Chlorophenyl-phenylether
Concen: 9.611 ng/ul
RT: 15.292 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

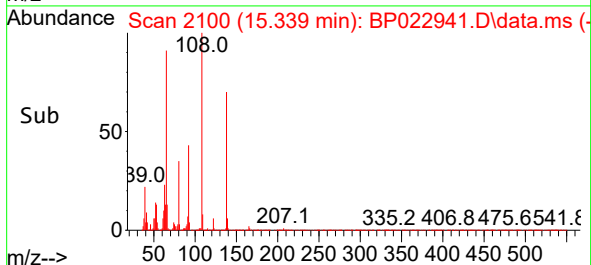
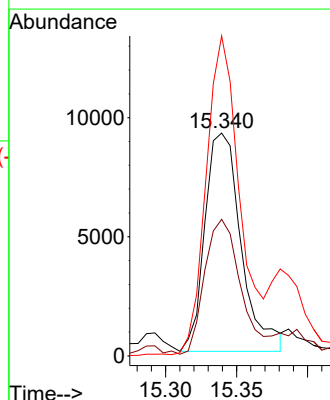
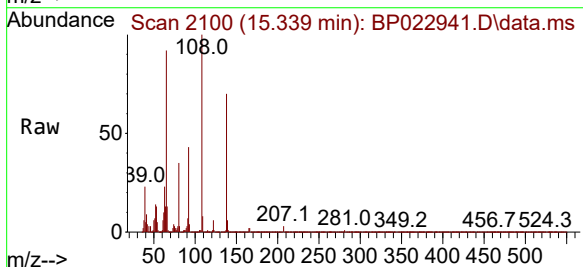
Instrument :
BNA_P
ClientSampleId :
SSTD010629

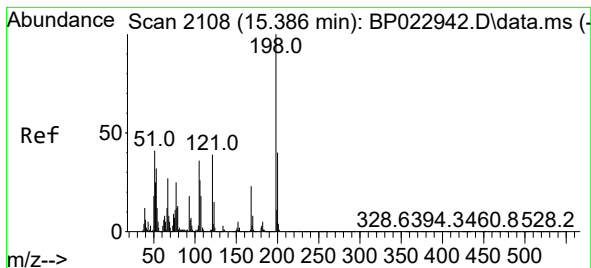
Tgt Ion:204 Resp: 67136
Ion Ratio Lower Upper
204 100
206 31.6 27.2 40.8
141 56.2 44.6 66.8



#63
4-Nitroaniline
Concen: 7.130 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. 0.018 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:138 Resp: 16260
Ion Ratio Lower Upper
138 100
92 61.3 53.9 80.9
108 143.6 106.6 159.8

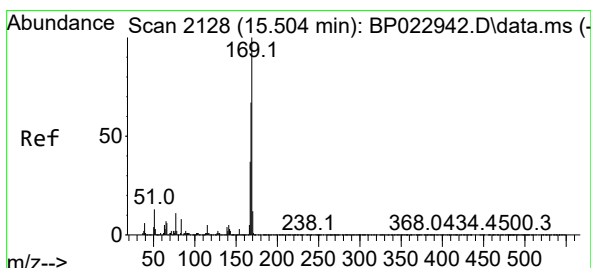
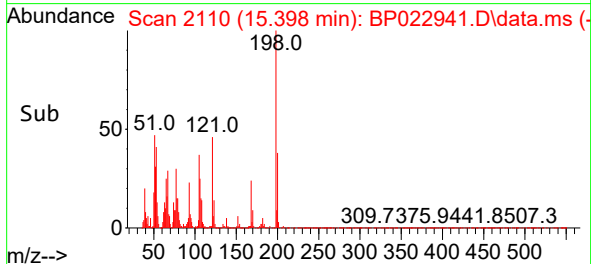
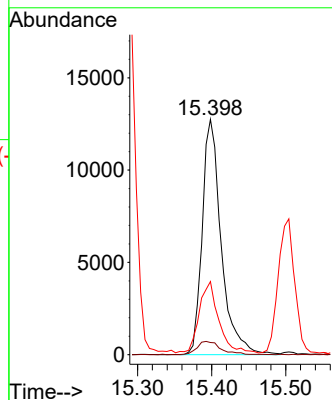
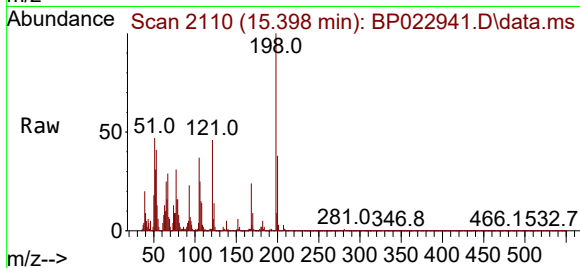




#66
4,6-Dinitro-2-methylphenol
Concen: 7.570 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

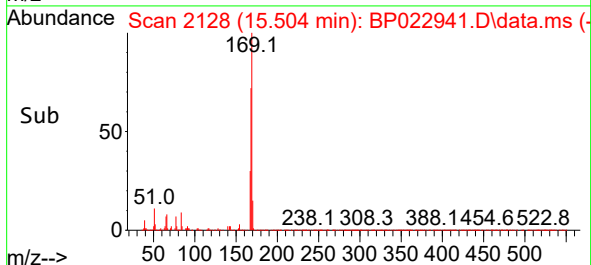
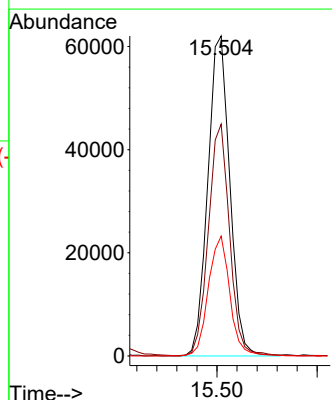
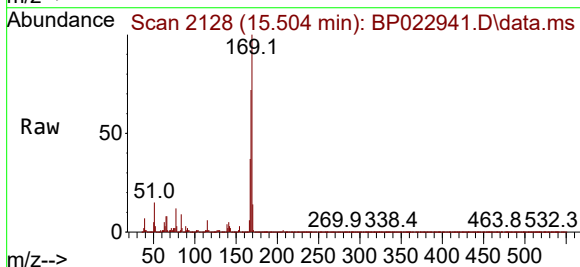
Instrument :
BNA_P
ClientSampleId :
SSTD010629

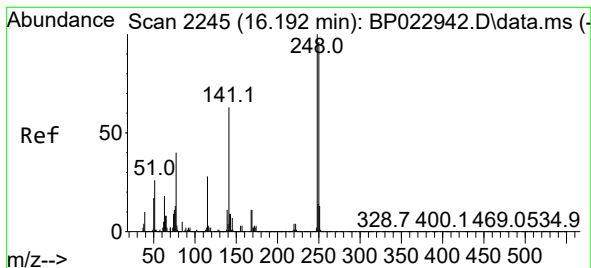
Tgt Ion:198 Resp: 22707
Ion Ratio Lower Upper
198 100
182 5.2 3.8 5.8
77 31.1 20.0 30.0#



#67
N-Nitrosodiphenylamine
Concen: 8.353 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:169 Resp: 94721
Ion Ratio Lower Upper
169 100
168 72.4 53.4 80.0
167 37.4 29.4 44.2

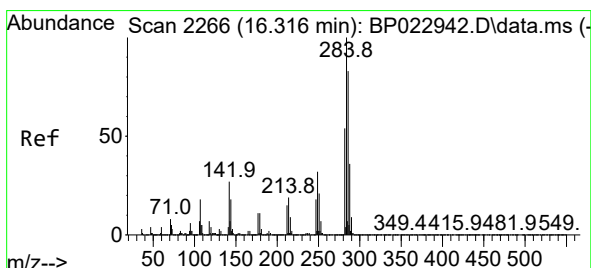
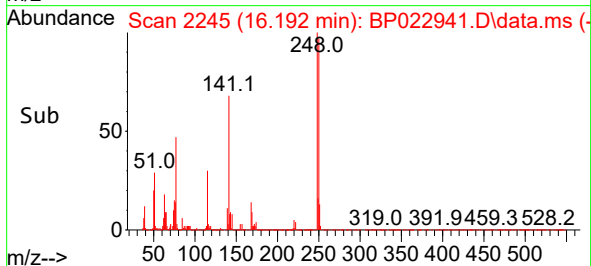
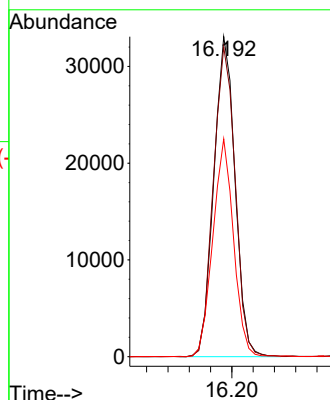
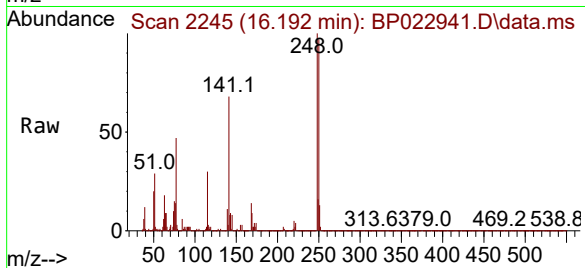




#68
4-Bromophenyl-phenylether
Concen: 8.969 ng/ul
RT: 16.192 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

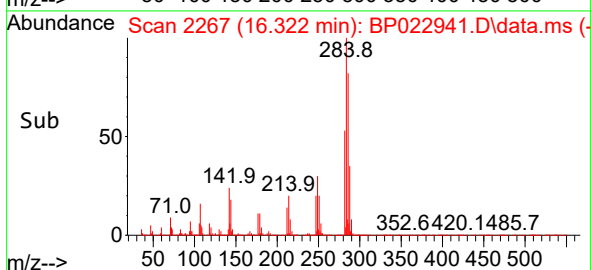
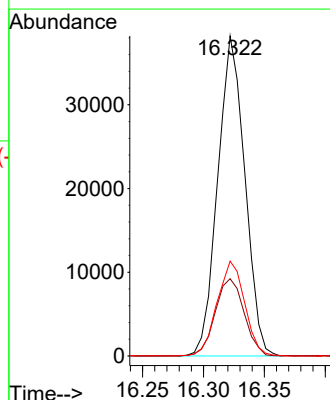
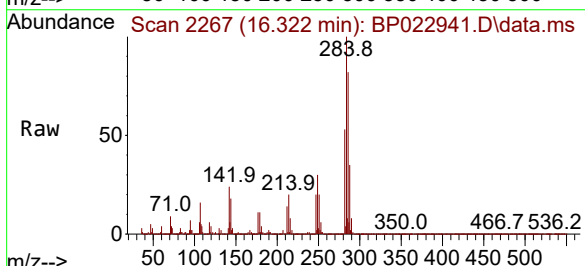
Instrument :
BNA_P
ClientSampleId :
SSTD010629

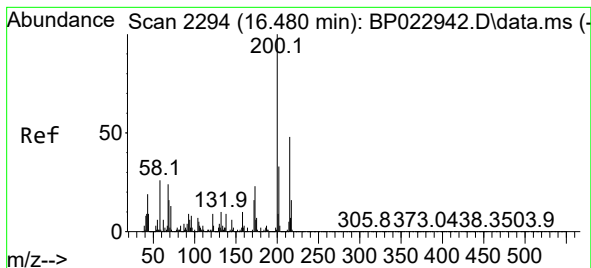
Tgt Ion:248 Resp: 45799
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 68.0 50.7 76.1



#69
Hexachlorobenzene
Concen: 9.419 ng/ul
RT: 16.322 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:284 Resp: 59202
Ion Ratio Lower Upper
284 100
142 24.1 21.5 32.3
249 29.6 25.6 38.4





#70

Atrazine

Concen: 9.472 ng/ul

RT: 16.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

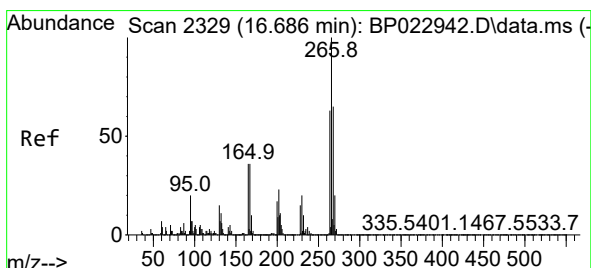
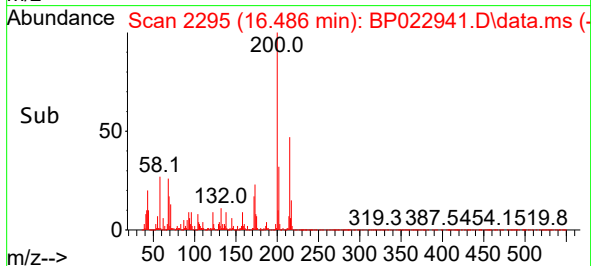
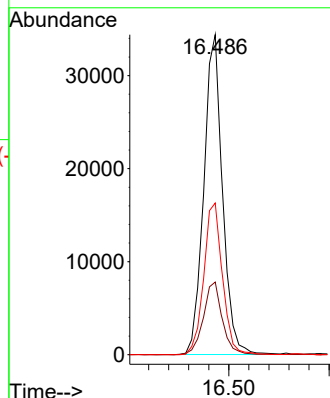
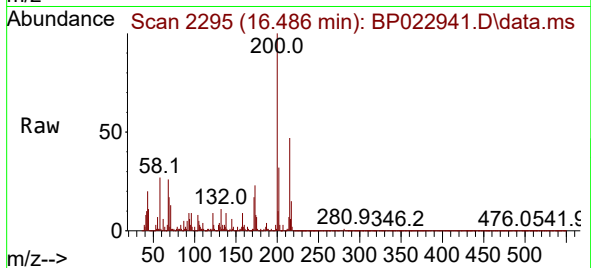
Tgt Ion:200 Resp: 44645

Ion Ratio Lower Upper

200 100

173 22.7 18.6 27.8

215 47.4 38.3 57.5



#71

Pentachlorophenol

Concen: 7.554 ng/ul

RT: 16.686 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

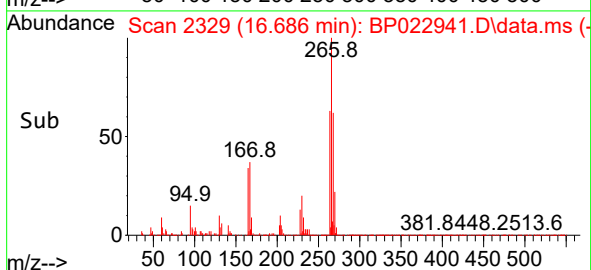
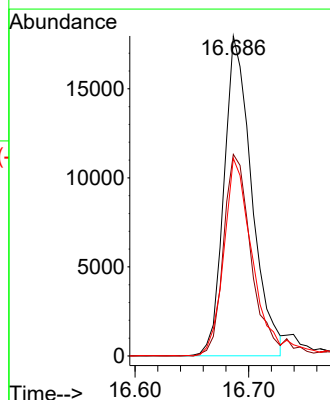
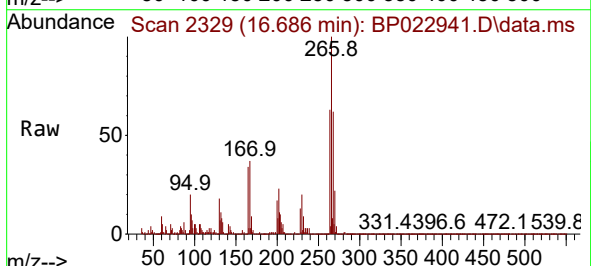
Tgt Ion:266 Resp: 30528

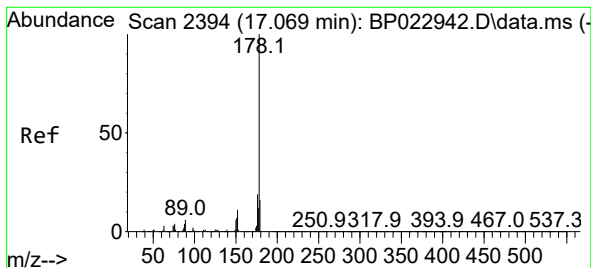
Ion Ratio Lower Upper

266 100

264 63.0 50.7 76.1

268 61.8 51.9 77.9





#72

Phenanthrene

Concen: 8.732 ng/ul

RT: 17.075 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

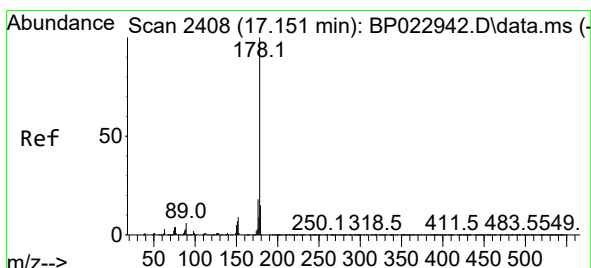
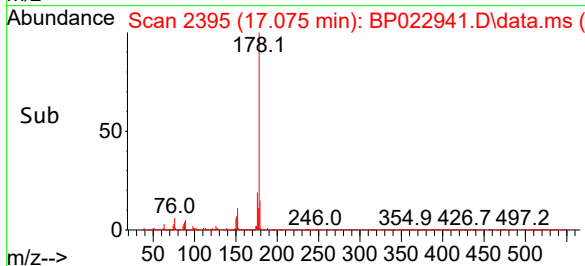
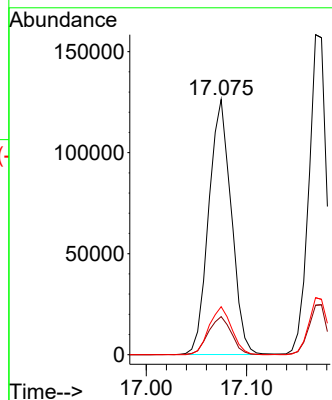
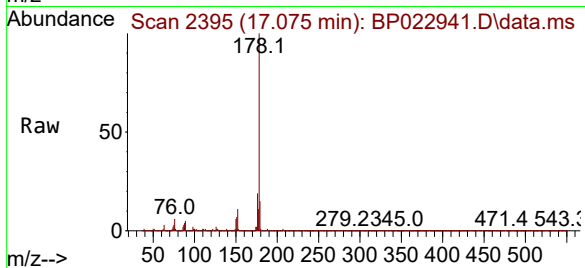
Tgt Ion:178 Resp: 197817

Ion Ratio Lower Upper

178 100

179 14.9 12.7 19.1

176 18.8 15.4 23.2



#74

Anthracene

Concen: 8.925 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. 0.018 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

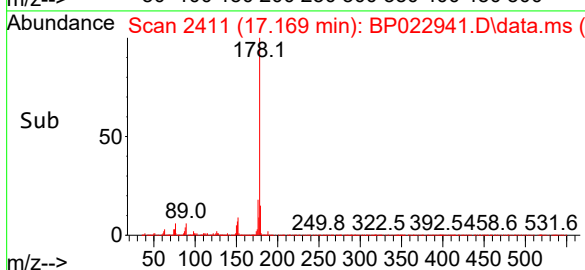
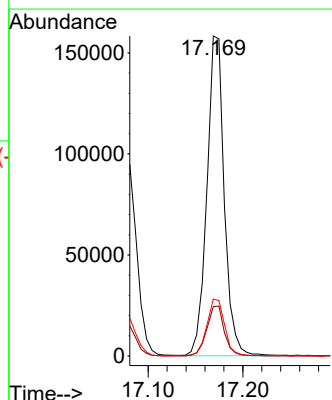
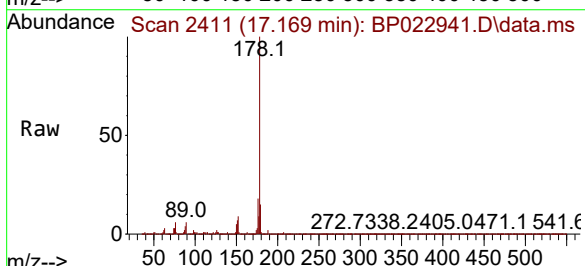
Tgt Ion:178 Resp: 201772

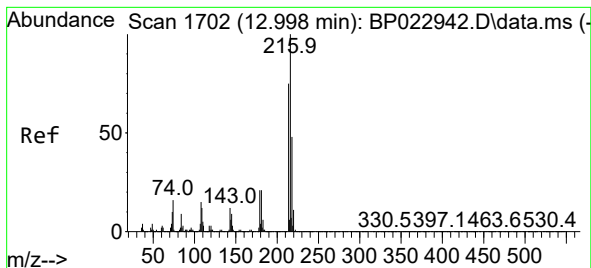
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 17.8 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 8.394 ng/uL

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

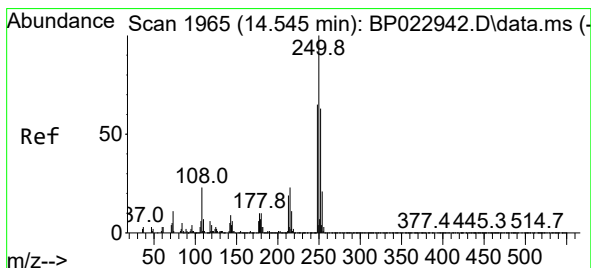
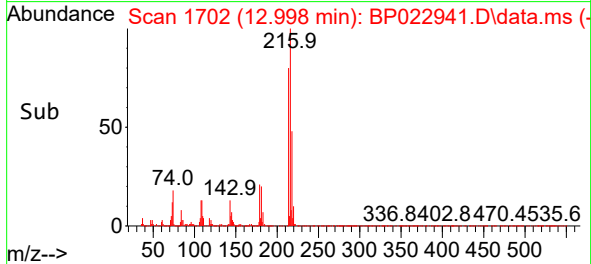
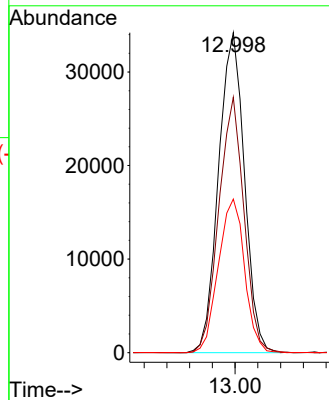
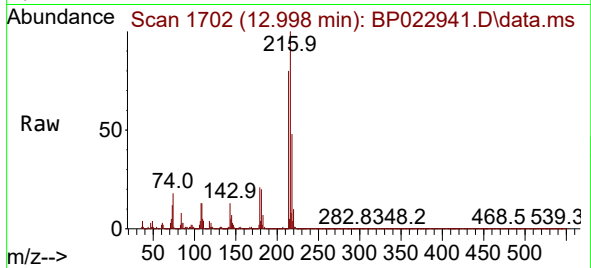
Tgt Ion:216 Resp: 54119

Ion Ratio Lower Upper

216 100

214 79.8 60.2 90.2

218 48.0 38.1 57.1



#76

Pentachlorobenzene

Concen: 8.817 ng/uL

RT: 14.540 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

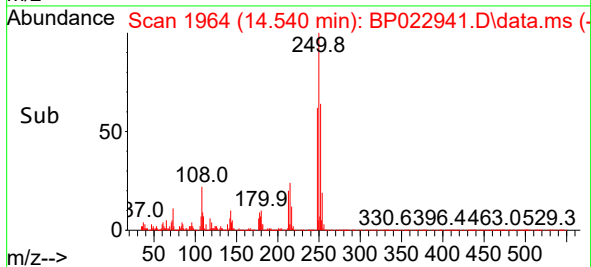
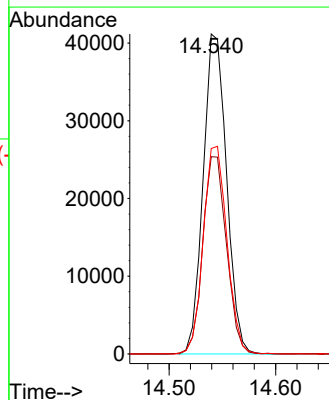
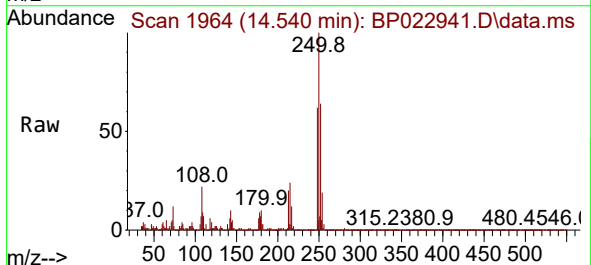
Tgt Ion:250 Resp: 62839

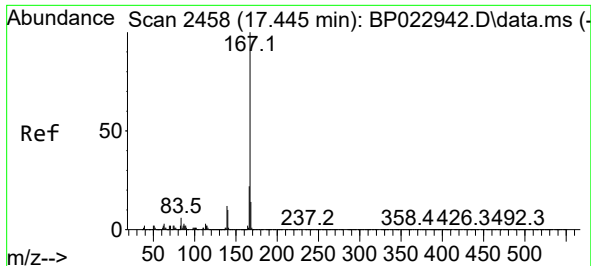
Ion Ratio Lower Upper

250 100

248 61.6 52.2 78.2

252 64.2 50.1 75.1

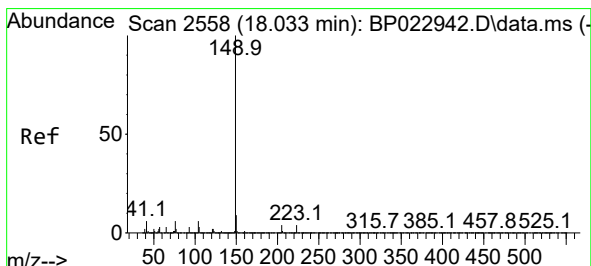
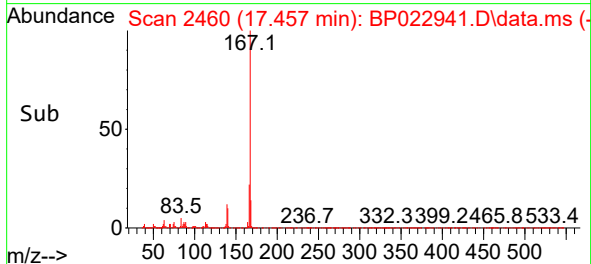
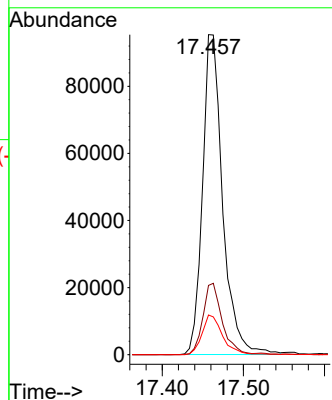
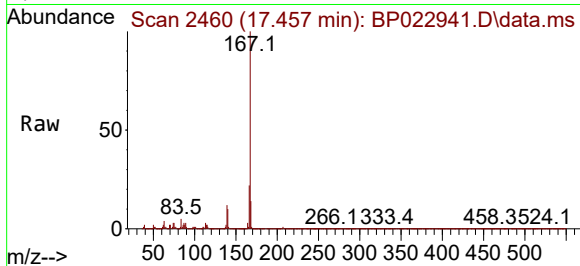




#77
Carbazole
Concen: 8.210 ng/ul
RT: 17.457 min Scan# 2458
Delta R.T. 0.012 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

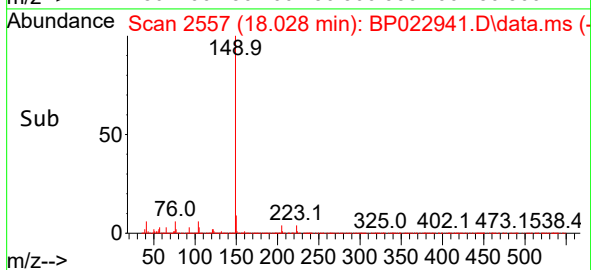
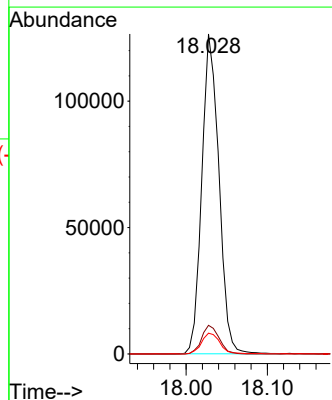
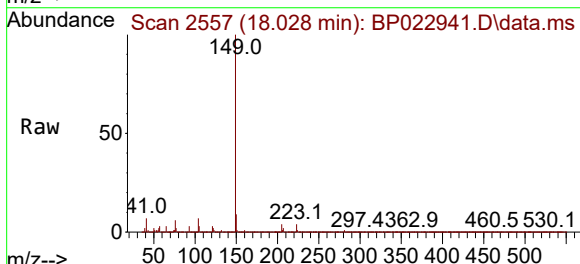
Instrument :
BNA_P
ClientSampleId :
SSTD010629

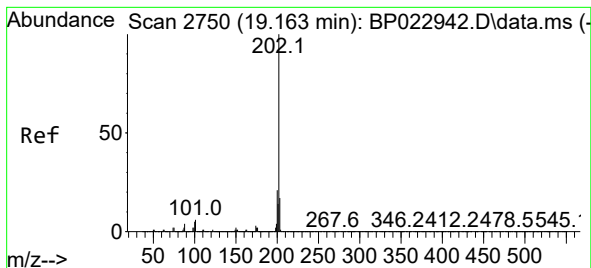
Tgt Ion:167 Resp: 164241
Ion Ratio Lower Upper
167 100
166 21.6 17.5 26.3
139 12.4 9.6 14.4



#78
Di-n-butylphthalate
Concen: 8.354 ng/ul
RT: 18.028 min Scan# 2557
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:149 Resp: 184903
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 6.5 5.0 7.4

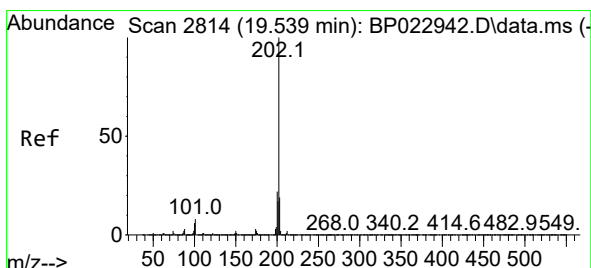
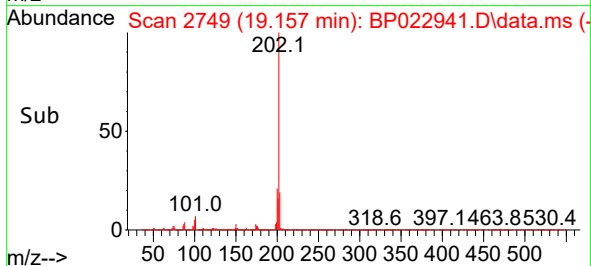
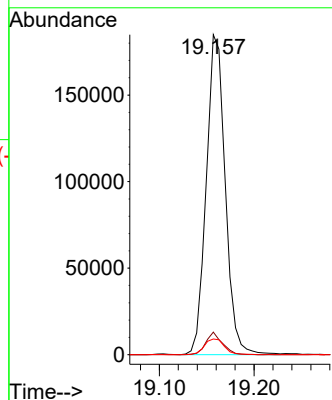
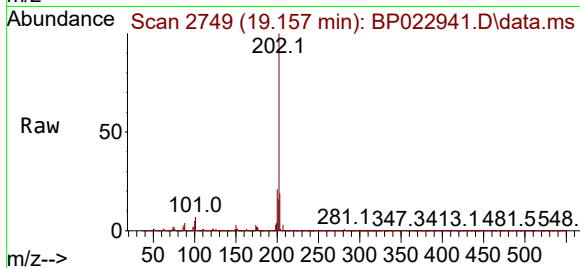




#80
Fluoranthene
Concen: 8.202 ng/ul
RT: 19.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

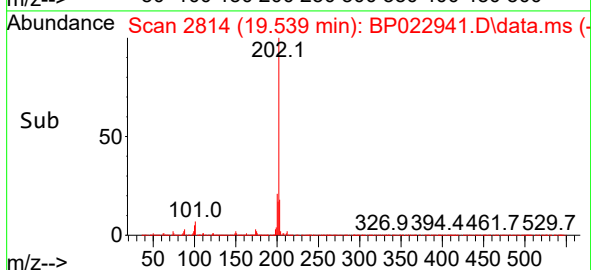
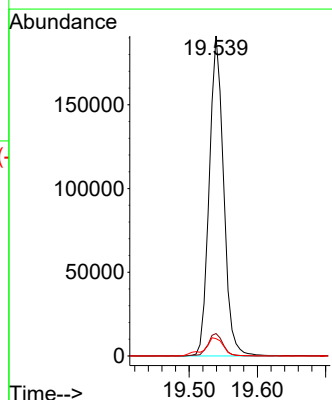
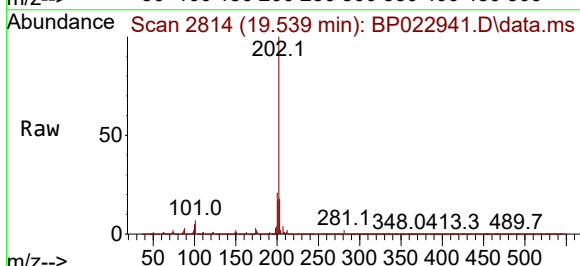
Instrument :
BNA_P
ClientSampleId :
SSTD010629

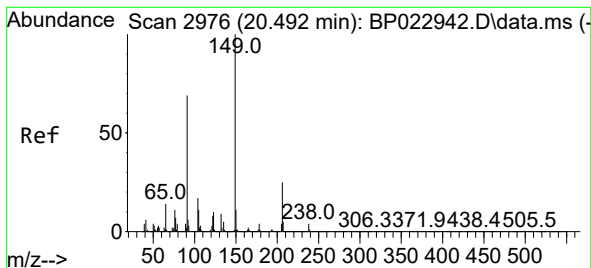
Tgt Ion:202 Resp: 257463
Ion Ratio Lower Upper
202 100
101 7.1 5.2 7.8
100 4.9 4.1 6.1



#82
Pyrene
Concen: 8.344 ng/ul
RT: 19.539 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP022941.D
Acq: 08 Nov 2024 19:34

Tgt Ion:202 Resp: 280729
Ion Ratio Lower Upper
202 100
101 7.0 6.2 9.2
100 5.4 4.9 7.3





#83

Butylbenzylphthalate

Concen: 7.366 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. 0.000 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

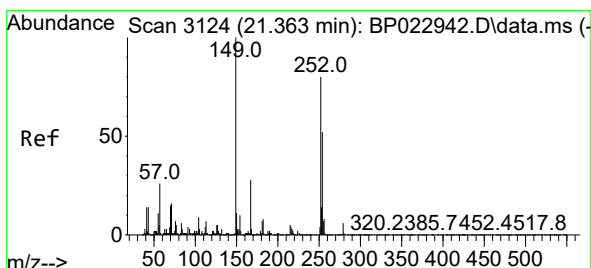
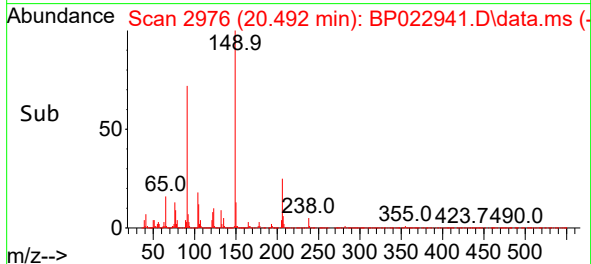
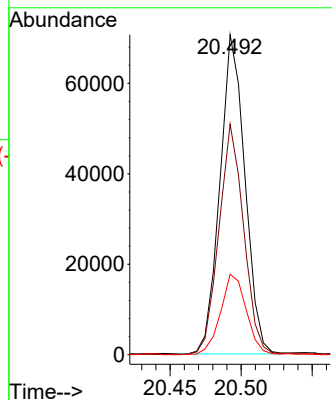
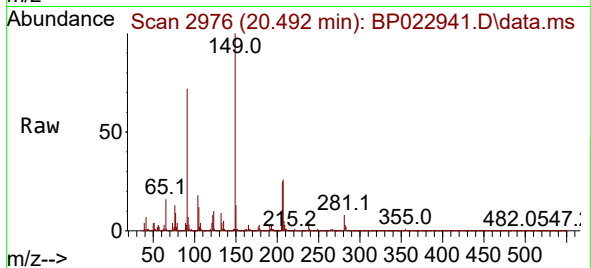
Tgt Ion:149 Resp: 86284

Ion Ratio Lower Upper

149 100

91 72.1 55.6 83.4

206 25.2 20.2 30.2



#84

3,3'-Dichlorobenzidine

Concen: 8.845 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. 0.012 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

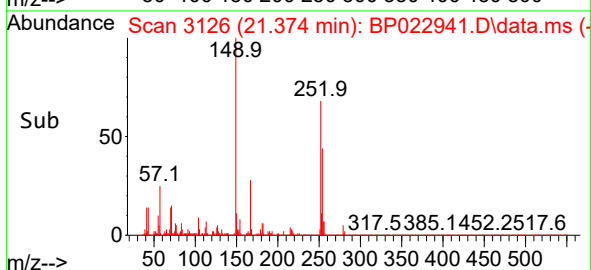
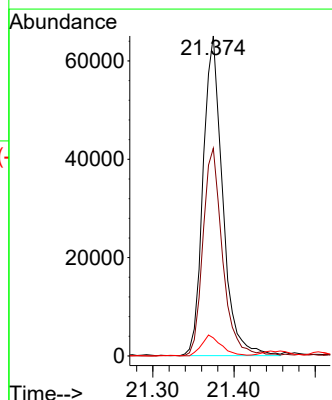
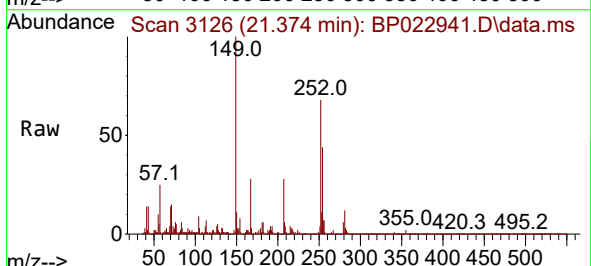
Tgt Ion:252 Resp: 108867

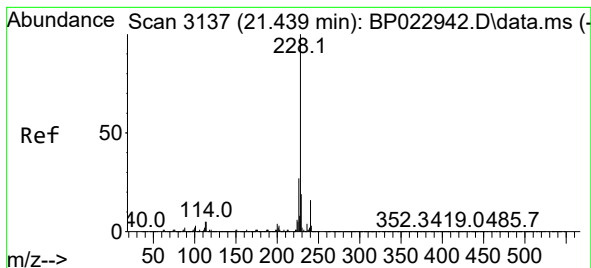
Ion Ratio Lower Upper

252 100

254 64.9 52.0 78.0

126 5.6 5.0 7.6





#85

Benzo(a)anthracene

Concen: 8.540 ng/ul

RT: 21.445 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

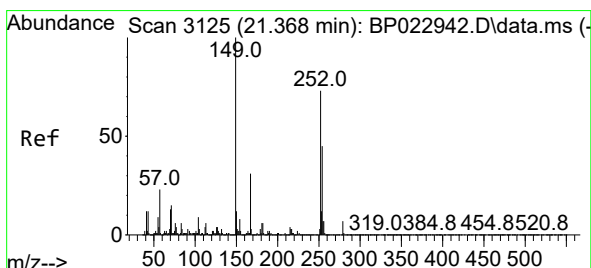
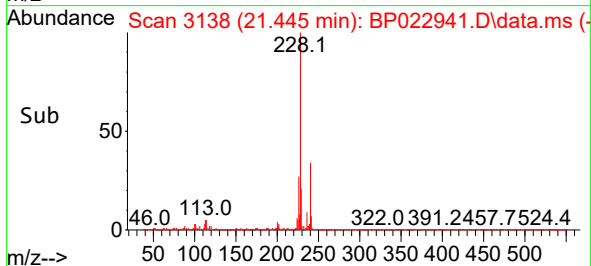
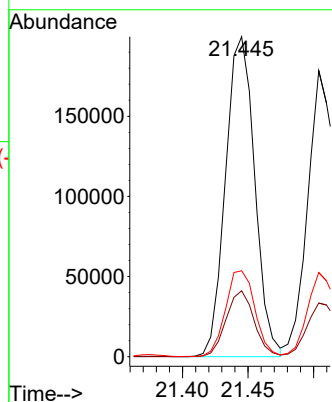
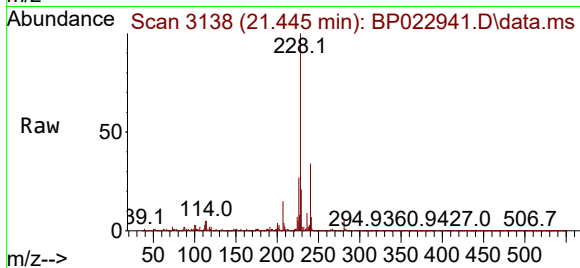
Tgt Ion:228 Resp: 309143

Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 7.611 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

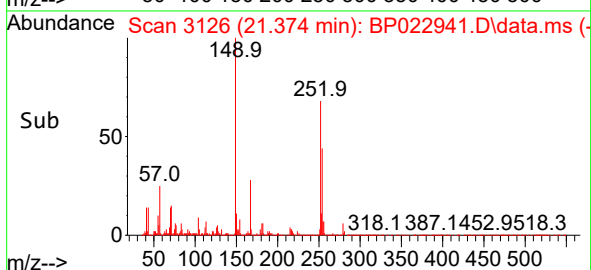
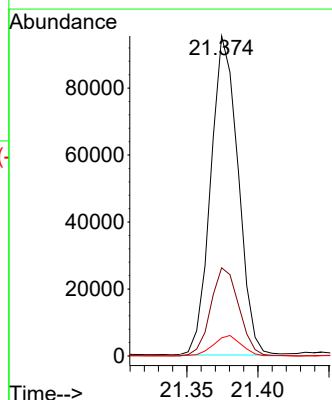
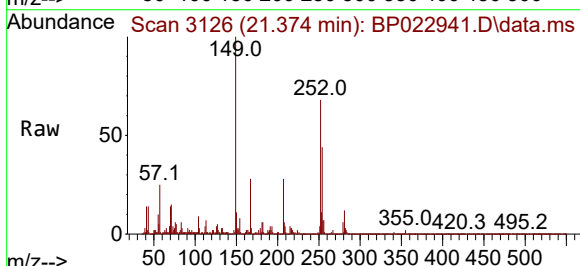
Tgt Ion:149 Resp: 127977

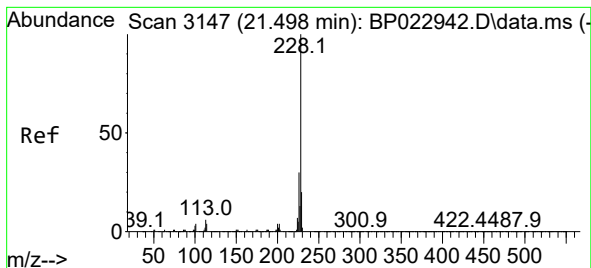
Ion Ratio Lower Upper

149 100

167 27.6 24.5 36.7

279 5.6 5.5 8.3





#87

Chrysene

Concen: 8.572 ng/ul

RT: 21.504 min Scan# 3147

Delta R.T. 0.006 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

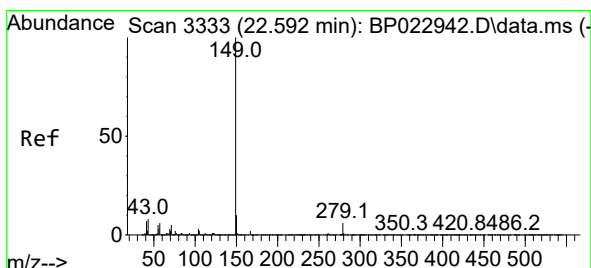
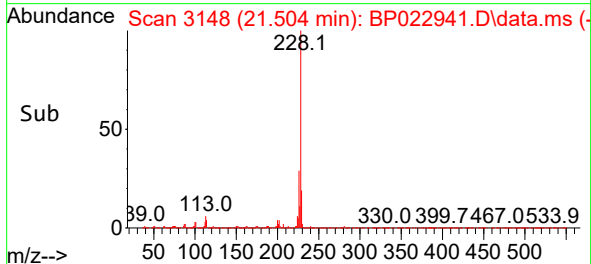
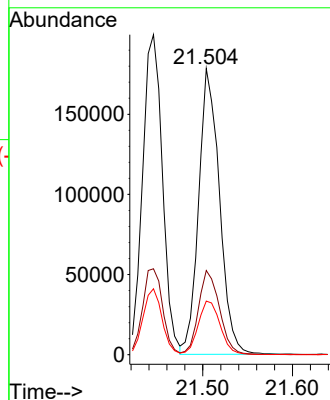
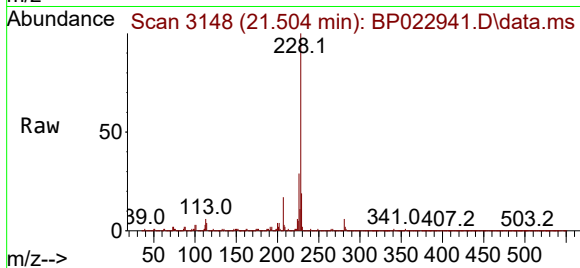
Tgt Ion:228 Resp: 287710

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

229 18.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 6.942 ng/ul

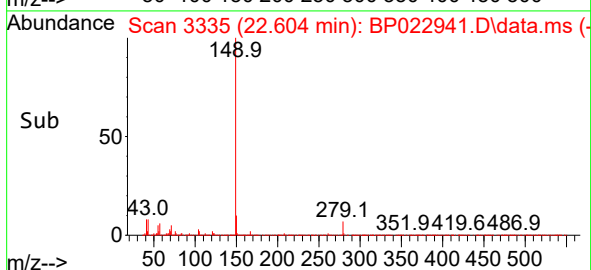
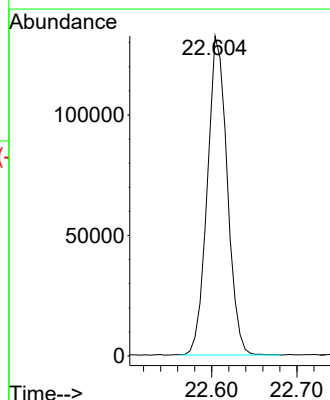
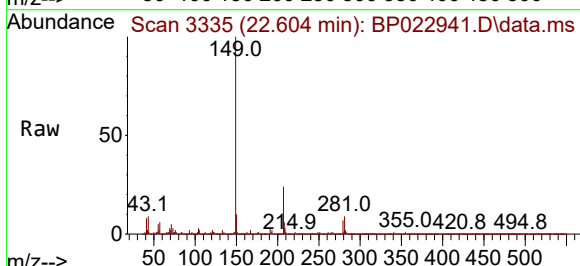
RT: 22.604 min Scan# 3335

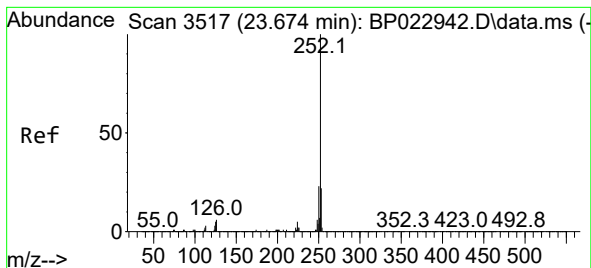
Delta R.T. 0.012 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Tgt Ion:149 Resp: 214792





#90

Benzo(b)fluoranthene

Concen: 8.353 ng/ul

RT: 23.674 min Scan# 3517

Delta R.T. 0.000 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

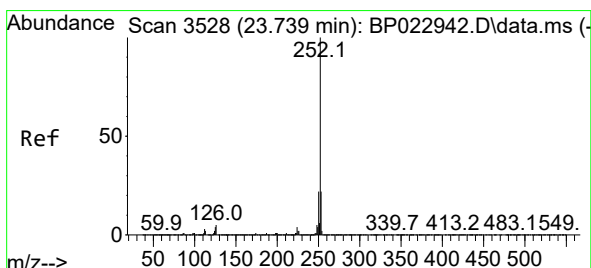
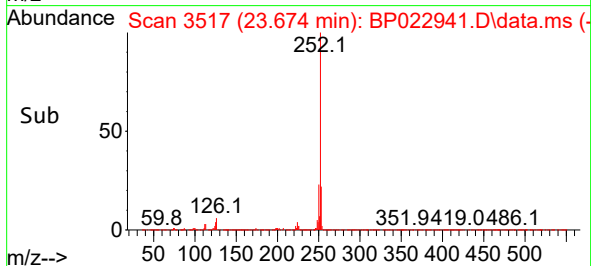
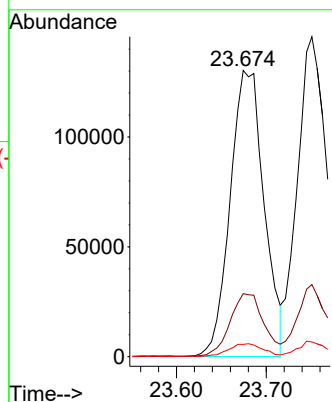
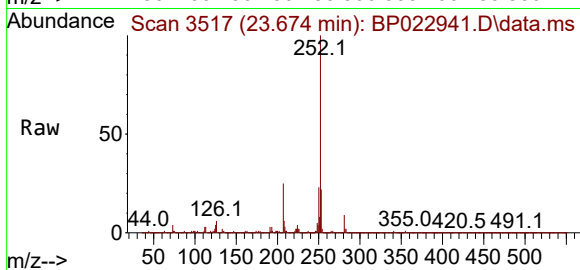
Tgt Ion:252 Resp: 342006

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 4.3 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 8.532 ng/ul

RT: 23.674 min Scan# 3517

Delta R.T. -0.065 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

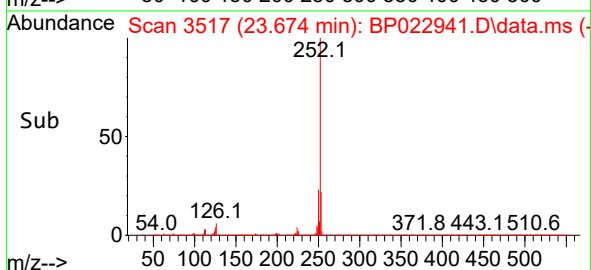
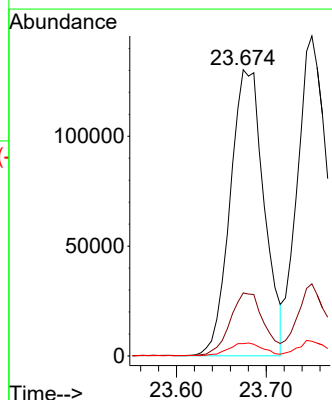
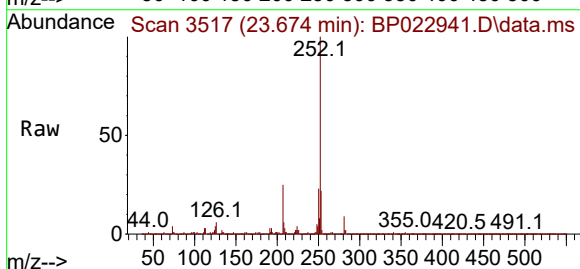
Tgt Ion:252 Resp: 342006

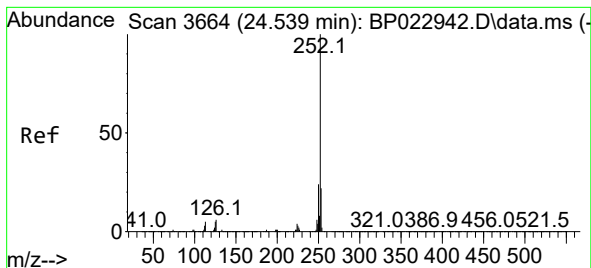
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 4.3 3.0 4.4





#93

Benzo(a)pyrene

Concen: 8.266 ng/ul

RT: 24.551 min Scan# 3114

Delta R.T. 0.012 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

Instrument :

BNA_P

ClientSampleId :

SSTD010629

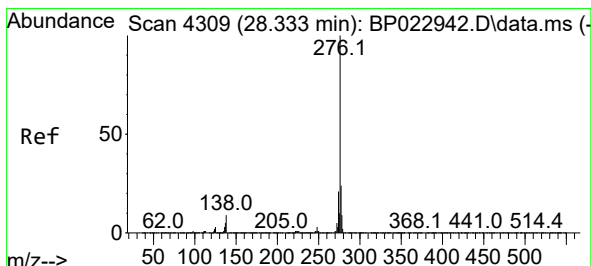
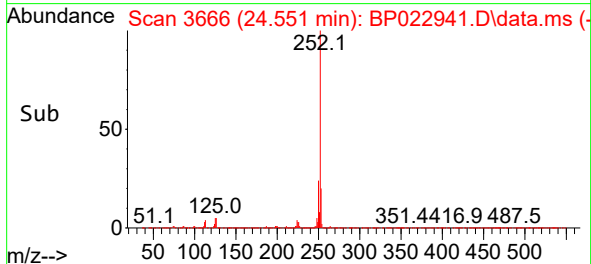
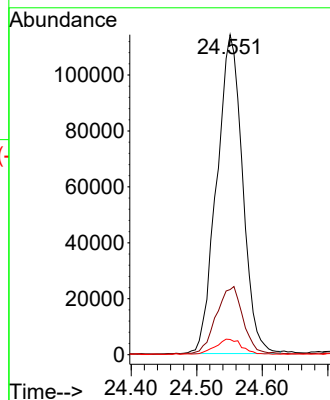
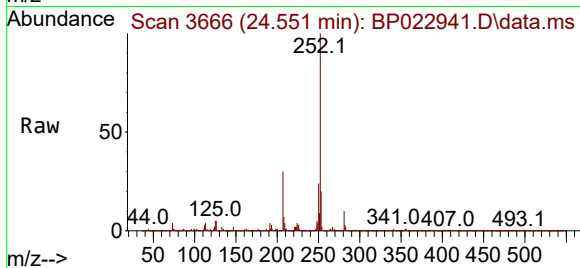
Tgt Ion:252 Resp: 311474

Ion Ratio Lower Upper

252 100

253 20.4 17.6 26.4

125 4.7 4.2 6.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.451 ng/ul

RT: 28.368 min Scan# 4315

Delta R.T. 0.024 min

Lab File: BP022941.D

Acq: 08 Nov 2024 19:34

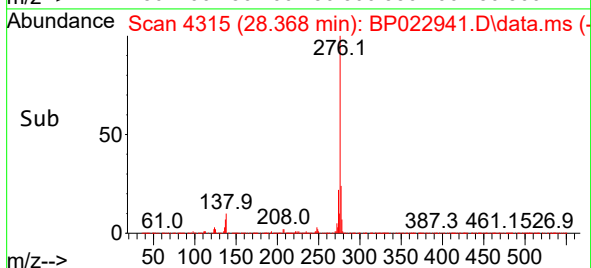
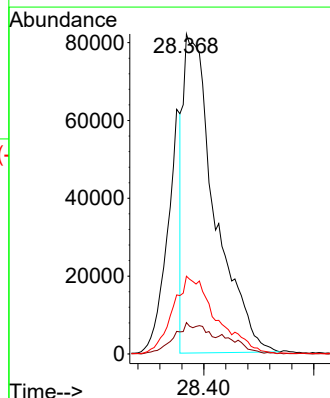
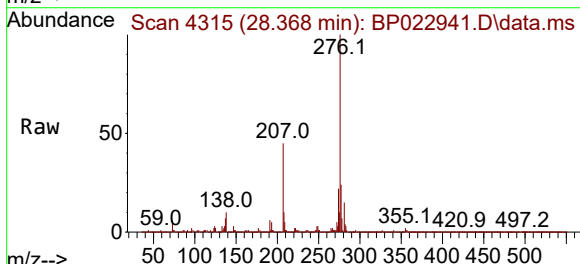
Tgt Ion:276 Resp: 324373

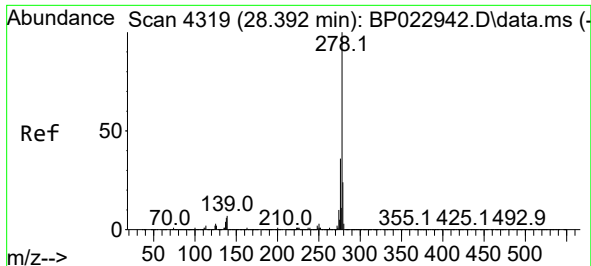
Ion Ratio Lower Upper

276 100

138 9.8 7.0 10.4

277 24.3 19.8 29.8

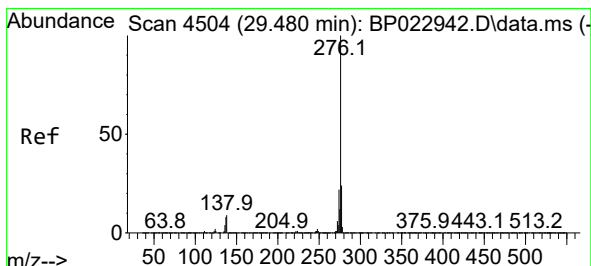
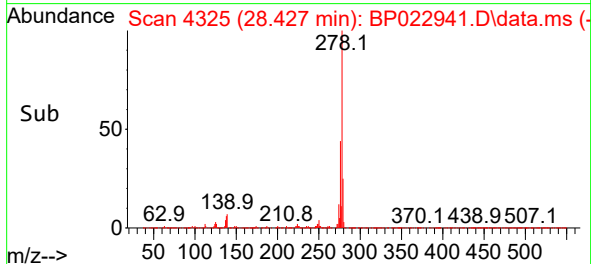
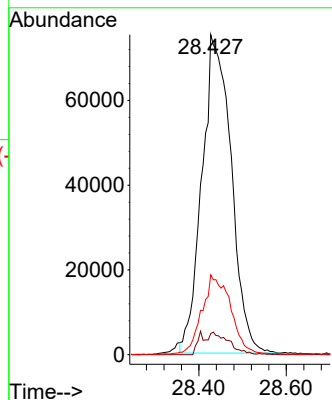
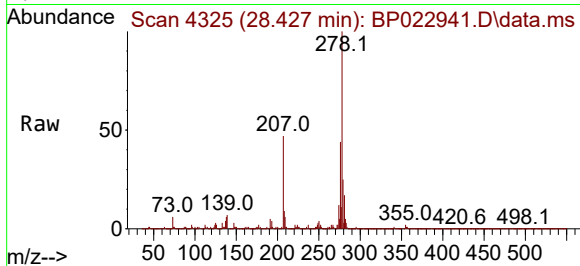




#95
 Dibenzo(a,h)anthracene
 Concen: 8.559 ng/ul
 RT: 28.427 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BP022941.D
 Acq: 08 Nov 2024 19:34

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010629

Tgt Ion:278 Resp: 348519
 Ion Ratio Lower Upper
 278 100
 139 6.6 5.4 8.0
 279 24.9 19.4 29.2



#96
 Benzo(g,h,i)perylene
 Concen: 8.407 ng/ul
 RT: 29.492 min Scan# 4506
 Delta R.T. 0.012 min
 Lab File: BP022941.D
 Acq: 08 Nov 2024 19:34

Tgt Ion:276 Resp: 328812
 Ion Ratio Lower Upper
 276 100
 138 9.8 7.1 10.7
 277 22.5 19.4 29.2

