

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022943.D
 Acq On : 08 Nov 2024 21:36
 Operator : RC/JU
 Sample : SST04052
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040631

Quant Time: Nov 08 23:18:12 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	7.599	152	66545	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	270858	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	225603	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	575681	20.000	ng/u1	-0.02
79) Chrysene-d12	21.463	240	641900	20.000	ng/u1	0.00
88) Perylene-d12	24.698	264	744324	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	22298	13.021	ng/uL	0.00
4) Pyridine-d5	3.552	84	169243	36.001	ng/u1	0.00
7) Phenol-d5	6.793	99	201422	35.958	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	118657	36.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	153158	38.533	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	169498	37.916	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	80268	38.542	ng/u1	0.00
24) 2-Nitrophenol-d4	9.452	143	98215	40.734	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	202250	39.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	230364	38.043	ng/u1	0.00
46) Dimethylphthalate-d6	13.634	166	681842	38.039	ng/u1	0.02
49) Acenaphthylene-d8	13.904	160	708831	37.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	103454	34.403	ng/u1	-0.01
60) Fluorene-d10	15.216	176	585966	37.689	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	143327	37.855	ng/u1	0.00
73) Anthracene-d10	17.128	188	1015182	37.486	ng/u1	0.00
81) Pyrene-d10	19.510	212	1274907	37.558	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.474	264	1506945	37.910	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	24695	13.412	ng/uL	92
5) Pyridine	3.570	79	171959	35.675	ng/u1	96
6) Benzaldehyde	6.758	77	121187	40.034	ng/u1	97
8) Phenol	6.816	94	210911	36.190	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.034	93	159389	36.543	ng/u1	95
12) 2-Chlorophenol	7.169	128	155862	37.921	ng/u1	97
13) 2-Methylphenol	8.040	108	157847	37.321	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	180730	35.653	ng/u1	96
16) Acetophenone	8.405	105	284032	38.486	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.393	70	146385	39.150	ng/u1	100
18) 4-Methylphenol	8.369	108	176846	37.691	ng/u1	99
19) Hexachloroethane	8.646	117	73434	38.363	ng/u1	96
22) Nitrobenzene	8.775	77	225316	36.245	ng/u1	97
23) Isophorone	9.299	82	409851	36.771	ng/u1	99
25) 2-Nitrophenol	9.481	139	99553	38.311	ng/u1	96
26) 2,4-Dimethylphenol	9.540	107	208128	36.849	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.769	93	225349	35.607	ng/u1	98
29) 2,4-Dichlorophenol	10.010	162	200110	39.653	ng/u1	98
30) Naphthalene	10.399	128	535726	37.134	ng/u1	100
32) 4-Chloroaniline	10.516	127	223224	37.345	ng/u1	97
33) Hexachlorobutadiene	10.669	225	167359	39.348	ng/u1	98
34) Caprolactam	11.299	113	31195	19.174	ng/u1	96
35) 4-Chloro-3-methylphenol	11.651	107	213405	38.758	ng/u1	98
36) 2-Methylnaphthalene	12.004	142	408001	38.527	ng/u1	97

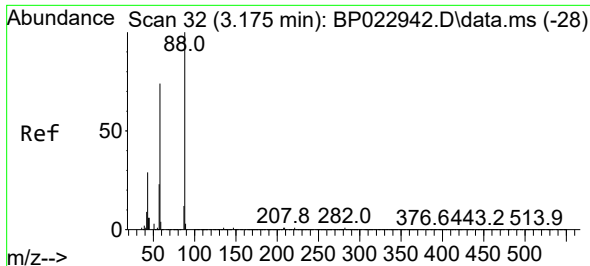
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	419525	38.813	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.375	216	313488	37.580	ng/ul	97
40) Hexachlorocyclopentadiene	12.351	237	167013	32.861	ng/ul	99
41) 2,4,6-Trichlorophenol	12.628	196	199193	37.962	ng/ul	96
42) 2,4,5-Trichlorophenol	12.716	196	215224	38.522	ng/ul	98
43) 1,1'-Biphenyl	13.028	154	599865	36.889	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	485201	36.449	ng/ul	100
45) 2-Nitroaniline	13.298	65	147524	37.115	ng/ul	91
47) Dimethylphthalate	13.675	163	665506	37.260	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	136553	40.420	ng/ul	97
50) Acenaphthylene	13.940	152	710795	35.974	ng/ul	99
51) 3-Nitroaniline	14.128	138	112706	35.520	ng/ul	97
52) Acenaphthene	14.287	153	518675	37.123	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	93276	37.526	ng/ul	96
55) 4-Nitrophenol	14.469	109	125217	37.518	ng/ul	98
56) Dibenzofuran	14.622	168	789700	37.627	ng/ul	97
57) 2,4-Dinitrotoluene	14.616	165	212757	40.527	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.851	232	208296	39.942	ng/ul	100
59) Diethylphthalate	15.063	149	664594	38.784	ng/ul	100
61) Fluorene	15.281	166	640611	37.461	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.281	204	378265	38.681	ng/ul	98
63) 4-Nitroaniline	15.328	138	98208	30.758	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.392	198	153112	37.544	ng/ul	98
67) N-Nitrosodiphenylamine	15.492	169	562904	36.514	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	277412	39.960	ng/ul	96
69) Hexachlorobenzene	16.310	284	332053	38.858	ng/ul	97
70) Atrazine	16.481	200	266806	41.636	ng/ul	98
71) Pentachlorophenol	16.669	266	208456	37.939	ng/ul	99
72) Phenanthrene	17.063	178	1115975	36.234	ng/ul	99
74) Anthracene	17.169	178	1115874	36.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.993	216	317905	36.268	ng/ul	99
76) Pentachlorobenzene	14.534	250	361176	37.273	ng/ul	98
77) Carbazole	17.451	167	972701	35.766	ng/ul	99
78) Di-n-butylphthalate	18.022	149	1118747	37.177	ng/ul	100
80) Fluoranthene	19.157	202	1471116	37.698	ng/ul	99
82) Pyrene	19.539	202	1573272	37.615	ng/ul	99
83) Butylbenzylphthalate	20.492	149	537660	36.922	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.369	252	585181	38.244	ng/ul	100
85) Benzo(a)anthracene	21.445	228	1628271	36.184	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	755823	36.160	ng/ul	99
87) Chrysene	21.510	228	1506823	36.113	ng/ul	100
89) Di-n-octyl phthalate	22.604	149	1267542	35.801	ng/ul	100
90) Benzo(b)fluoranthene	23.674	252	1713380	36.570	ng/ul	100
91) Benzo(k)fluoranthene	23.745	252	1747737	38.101	ng/ul#	98
93) Benzo(a)pyrene	24.545	252	1578672	36.610	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.356	276	2108871	36.649	ng/ul	98
95) Dibenzo(a,h)anthracene	28.421	278	1698460	36.450	ng/ul	98
96) Benzo(g,h,i)perylene	29.474	276	859705	19.208	ng/ul	99

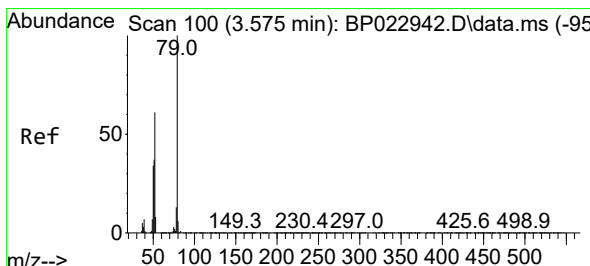
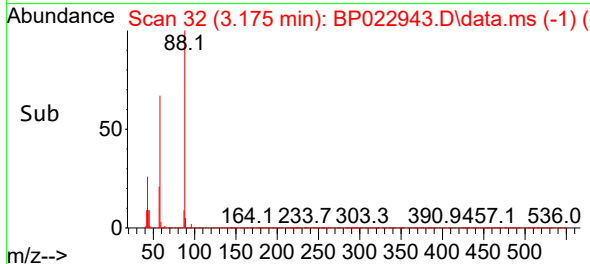
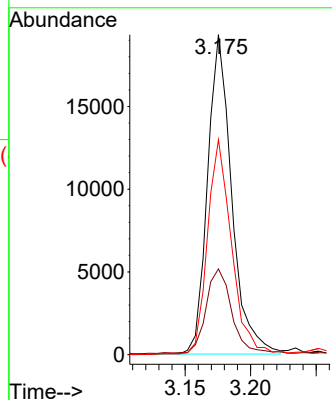
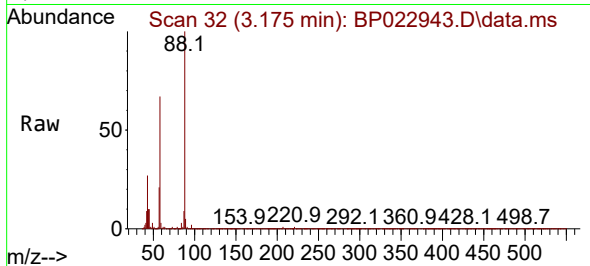
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#2
1,4-Dioxane
Concen: 13.412 ng/uL
RT: 3.175 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP022943.D
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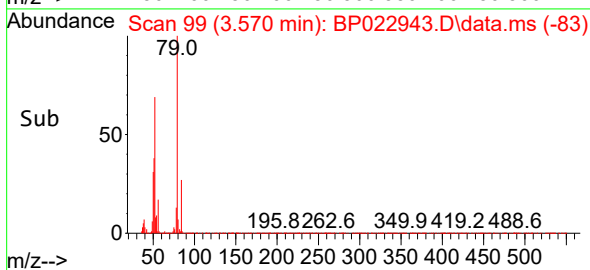
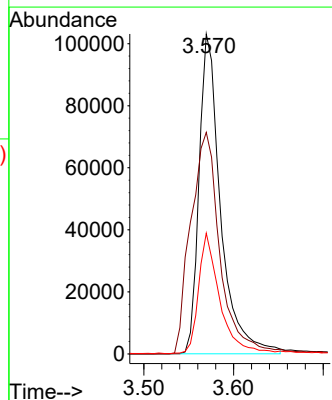
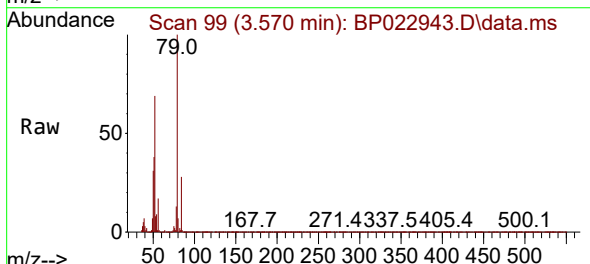
Instrument :
BNA_P
ClientSampleId :
SSTD040631

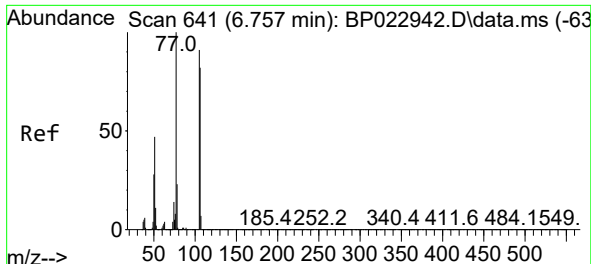
Tgt Ion: 88	Resp: 24695
Ion Ratio	Lower Upper
88 100	
43 26.8	24.2 36.4
58 67.2	59.2 88.8



#5
Pyridine
Concen: 35.675 ng/uL
RT: 3.570 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion: 79	Resp: 171959
Ion Ratio	Lower Upper
79 100	
52 69.2	59.5 89.3
51 37.8	30.4 45.6

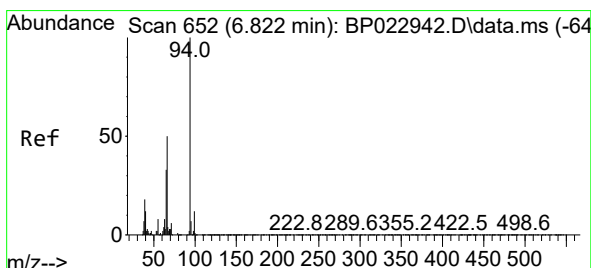
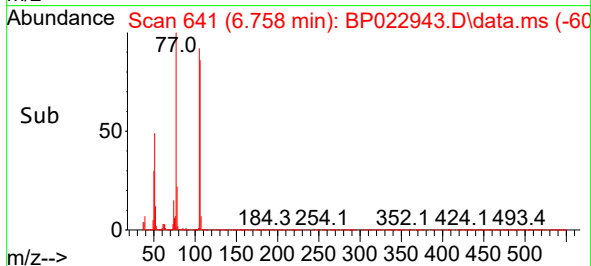
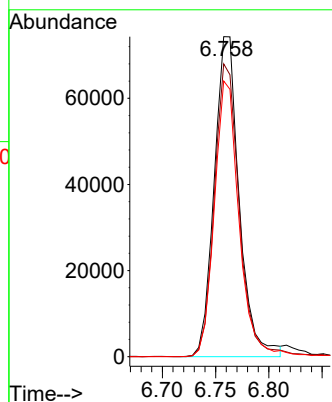
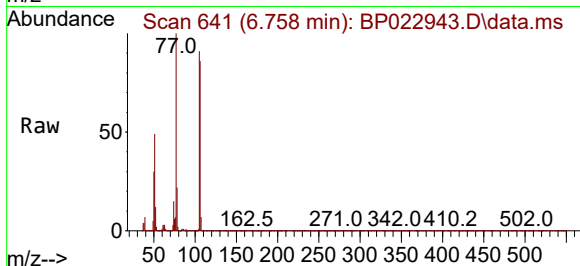




#6
Benzaldehyde
Concen: 40.034 ng/ul
RT: 6.758 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

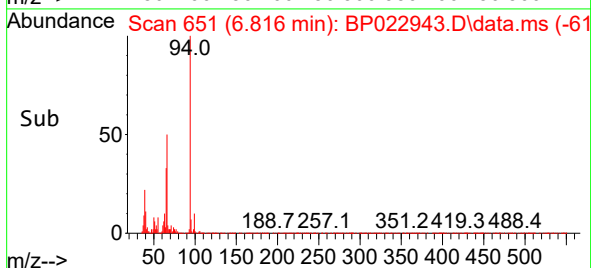
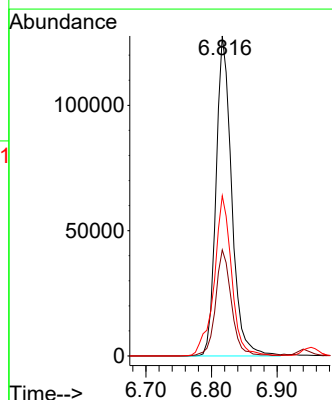
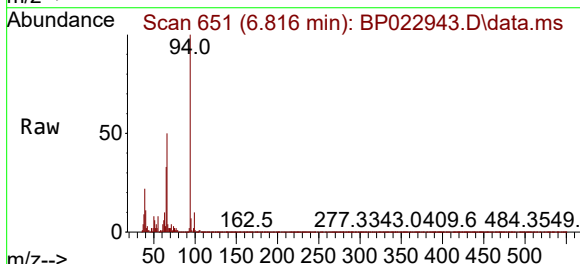
Instrument :
BNA_P
ClientSampleId :
SSTD040631

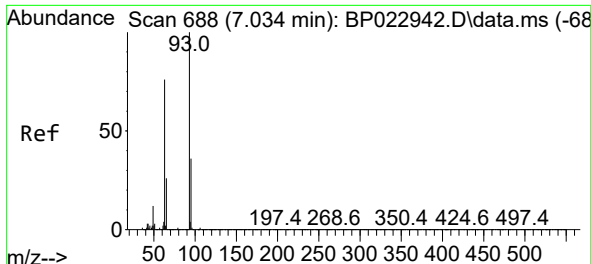
Tgt Ion: 77 Resp: 121187
Ion Ratio Lower Upper
77 100
105 91.5 72.5 108.7
106 86.1 65.5 98.3



#8
Phenol
Concen: 36.190 ng/ul
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion: 94 Resp: 210911
Ion Ratio Lower Upper
94 100
65 33.2 26.2 39.4
66 50.0 40.2 60.4

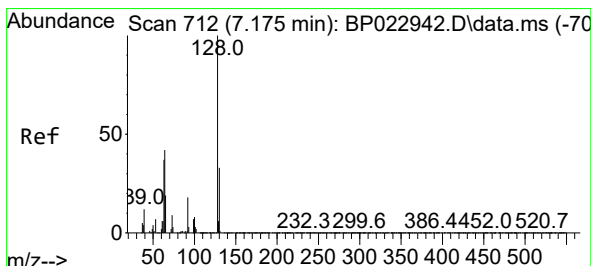
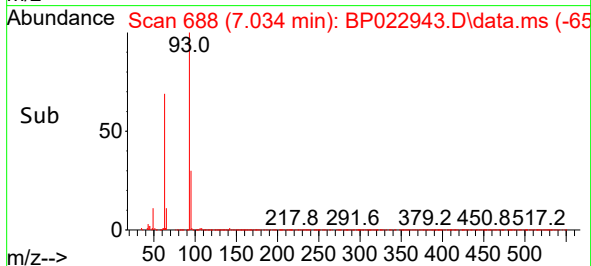
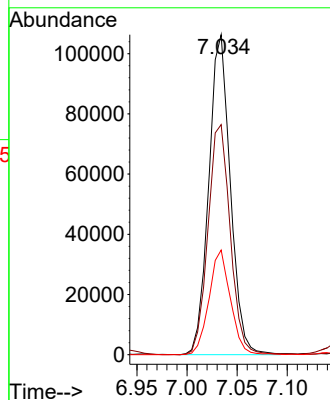
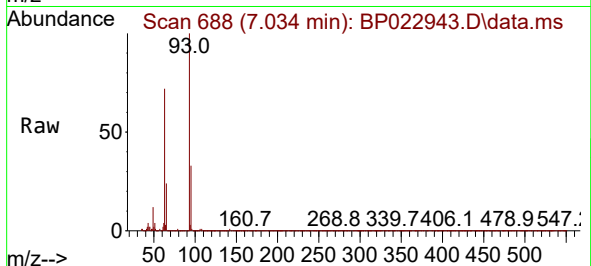




#10
Bis(2-Chloroethyl)ether
Concen: 36.543 ng/ul
RT: 7.034 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

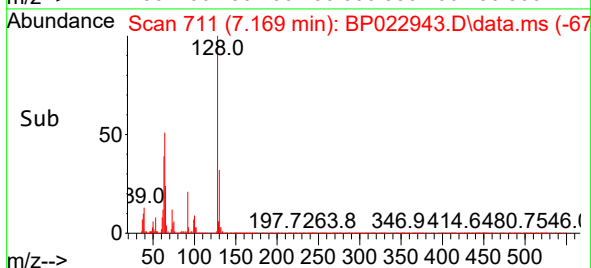
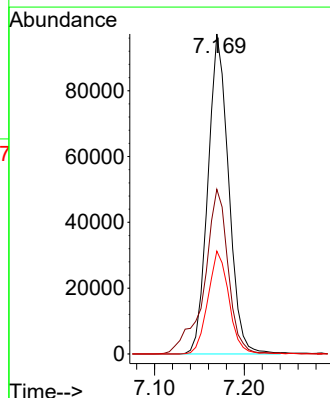
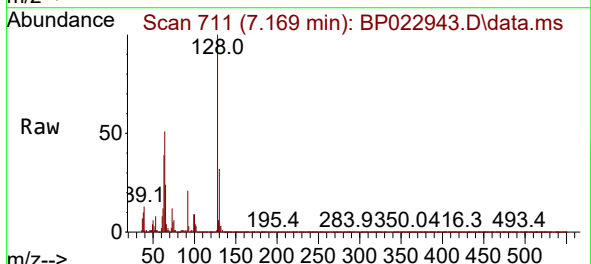
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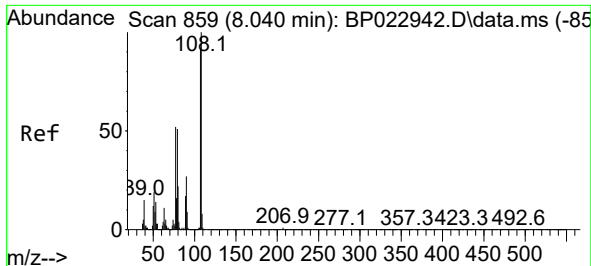
Tgt Ion: 93 Resp: 159389
Ion Ratio Lower Upper
93 100
63 71.9 60.6 91.0
95 32.7 29.0 43.4



#12
2-Chlorophenol
Concen: 37.921 ng/ul
RT: 7.169 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion: 128 Resp: 155862
Ion Ratio Lower Upper
128 100
64 51.5 39.0 58.6
130 32.2 26.4 39.6





#13

2-Methylphenol

Concen: 37.321 ng/ul

RT: 8.040 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

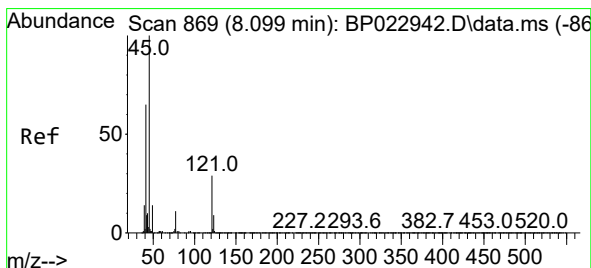
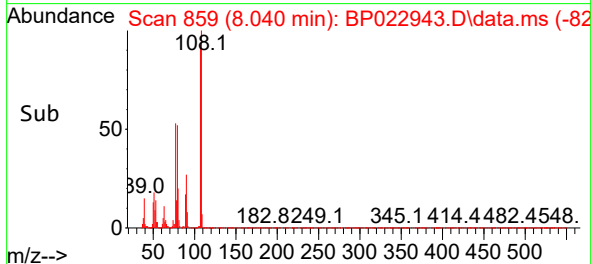
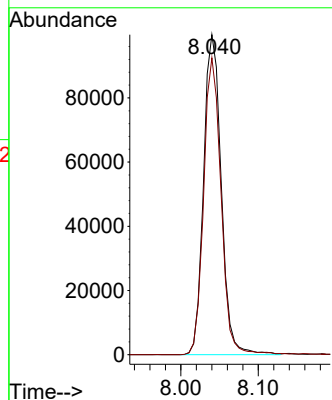
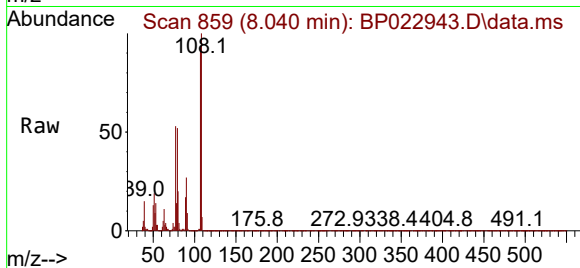
SSTD040631

Tgt Ion:108 Resp: 157847

Ion Ratio Lower Upper

108 100

107 92.8 73.3 109.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.653 ng/ul

RT: 8.099 min Scan# 869

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

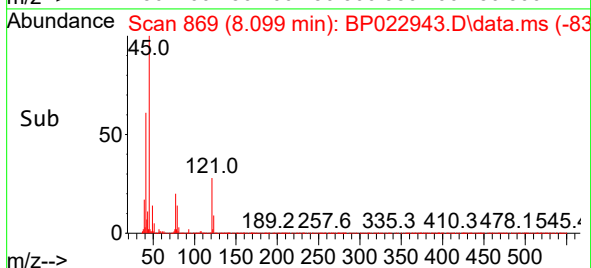
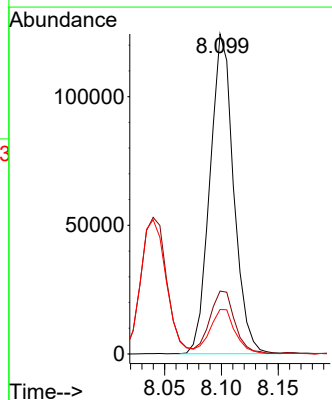
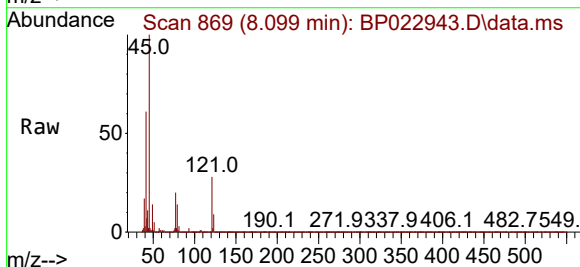
Tgt Ion: 45 Resp: 180730

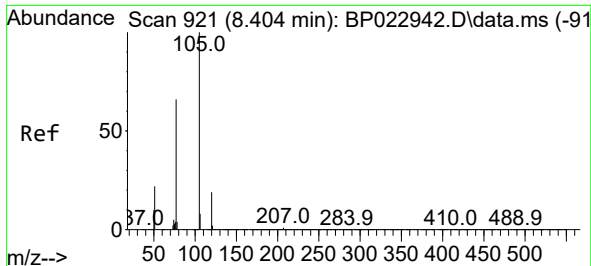
Ion Ratio Lower Upper

45 100

77 19.7 18.2 27.2

79 13.9 11.7 17.5

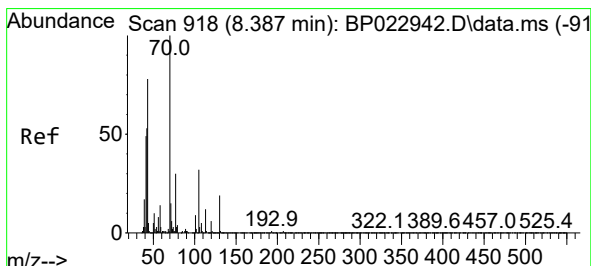
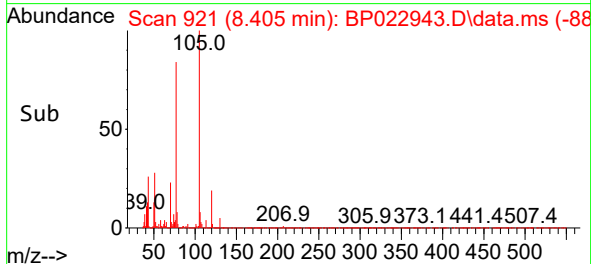
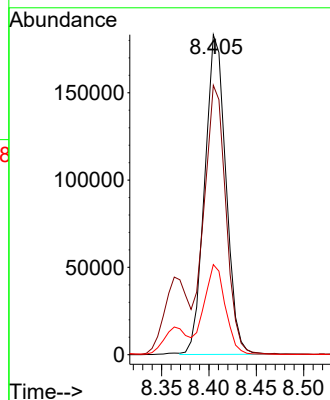
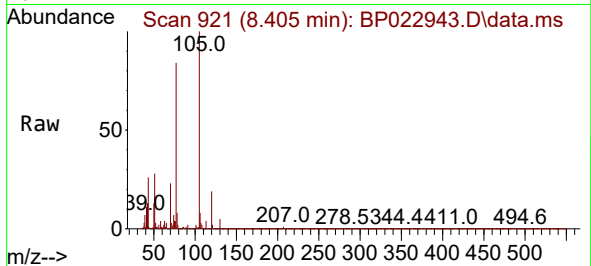




#16
Acetophenone
Concen: 38.486 ng/ul
RT: 8.405 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

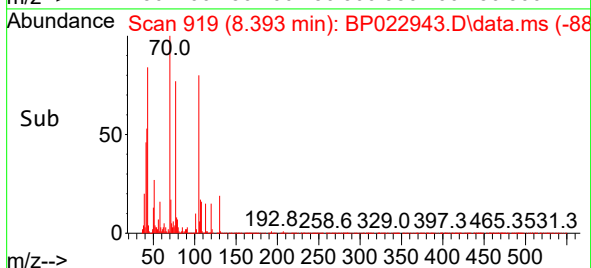
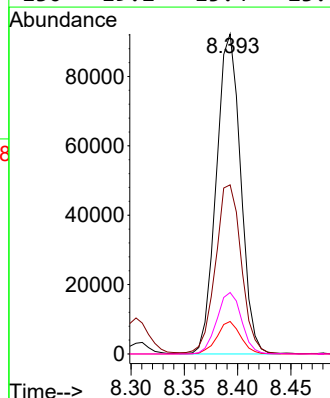
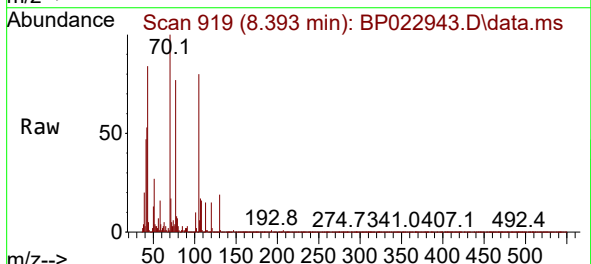
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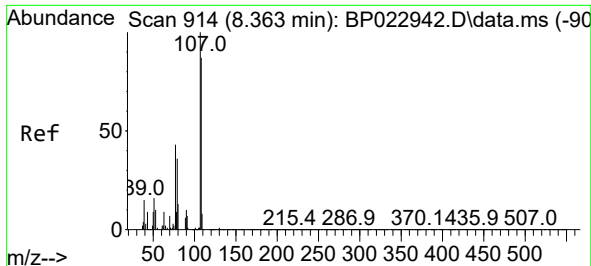
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Ion Ratio Lower Upper
105 100
77 84.2 69.4 104.0
51 28.1 23.2 34.8



#17
N-Nitroso-di-n-propylamine
Concen: 39.150 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. 0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion: 70 Resp: 146385
Ion Ratio Lower Upper
70 100
42 52.9 42.3 63.5
101 10.1 7.4 11.2
130 19.2 15.4 23.0

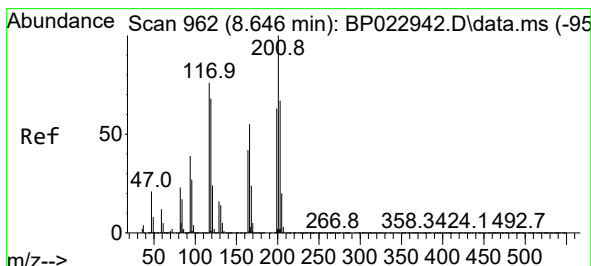
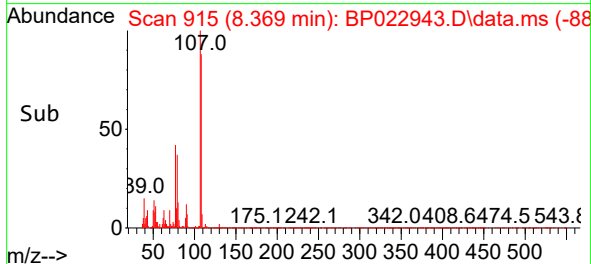
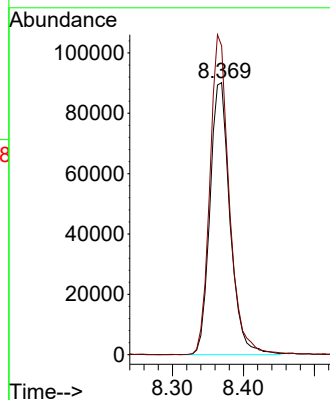
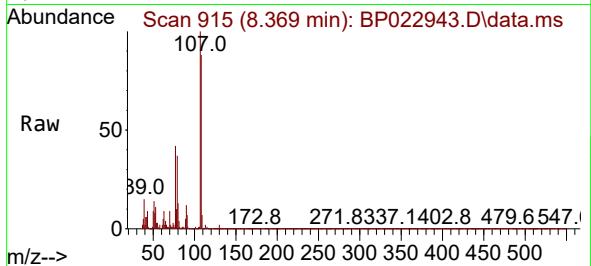




#18
4-Methylphenol
Concen: 37.691 ng/ul
RT: 8.369 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

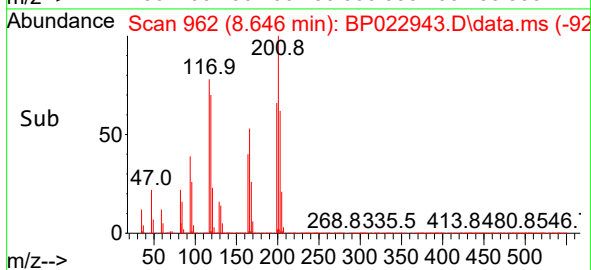
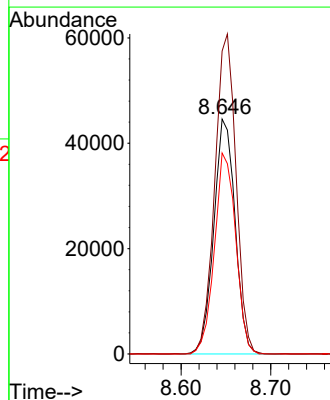
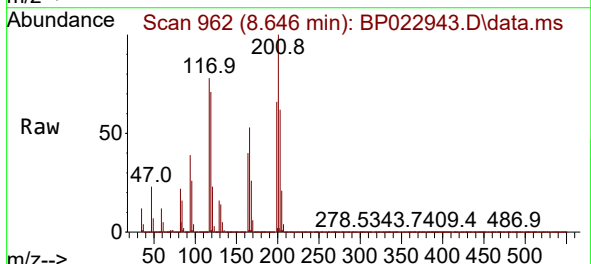
Instrument :
BNA_P
ClientSampleId :
SSTD040631

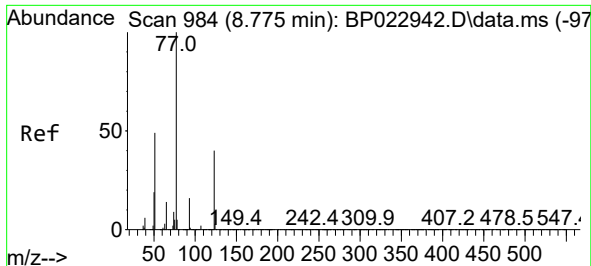
Tgt Ion:108 Resp: 176846
Ion Ratio Lower Upper
108 100
107 113.5 91.5 137.3



#19
Hexachloroethane
Concen: 38.363 ng/ul
RT: 8.646 min Scan# 962
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:117 Resp: 73434
Ion Ratio Lower Upper
117 100
201 128.9 105.0 157.6
199 88.0 65.9 98.9

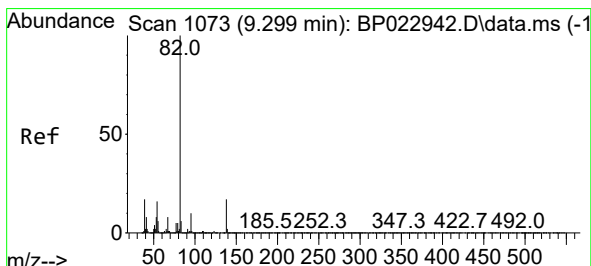
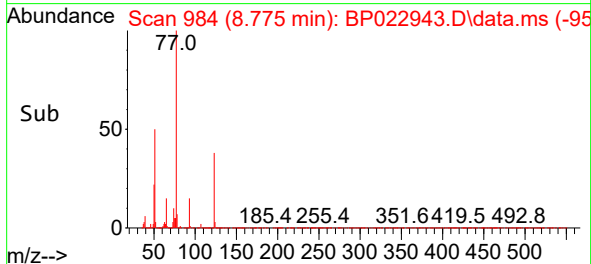
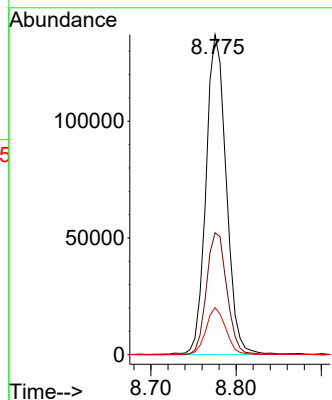
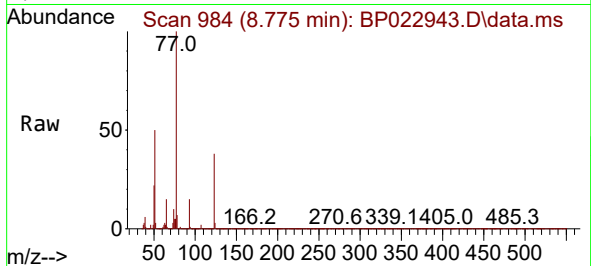




#22
Nitrobenzene
Concen: 36.245 ng/ul
RT: 8.775 min Scan# 984
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

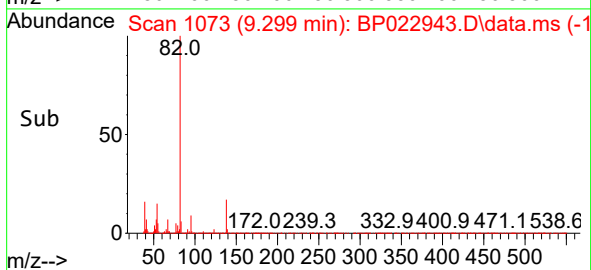
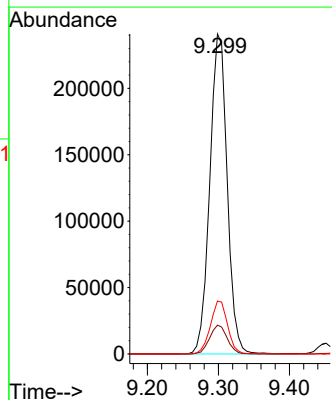
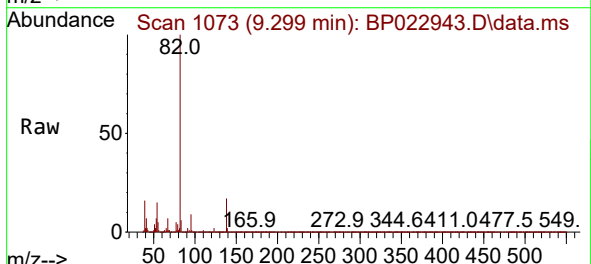
Instrument :
BNA_P
ClientSampleId :
SSTD040631

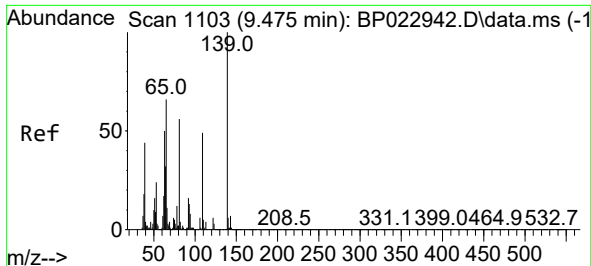
Tgt Ion: 77 Resp: 225316
Ion Ratio Lower Upper
77 100
123 38.1 32.2 48.4
65 14.7 10.9 16.3



#23
Isophorone
Concen: 36.771 ng/ul
RT: 9.299 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion: 82 Resp: 409851
Ion Ratio Lower Upper
82 100
95 9.0 7.6 11.4
138 16.5 13.4 20.2

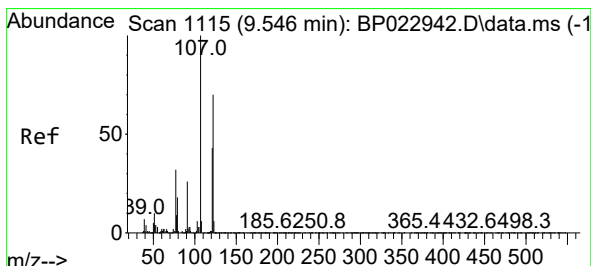
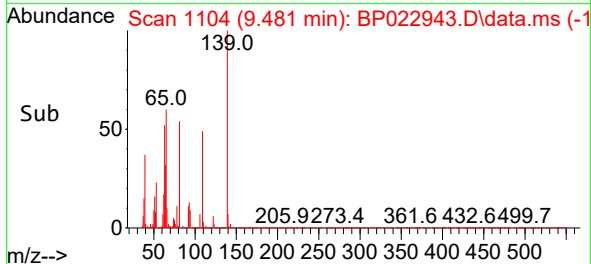
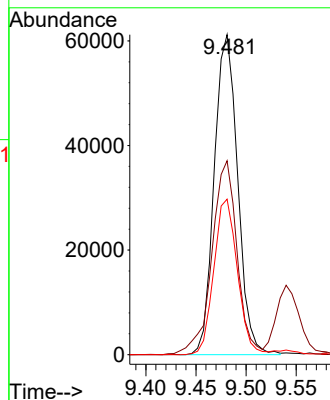
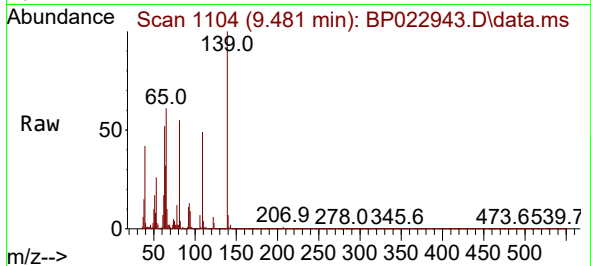




#25
2-Nitrophenol
Concen: 38.311 ng/ul
RT: 9.481 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

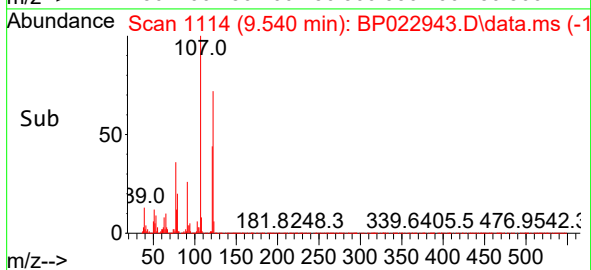
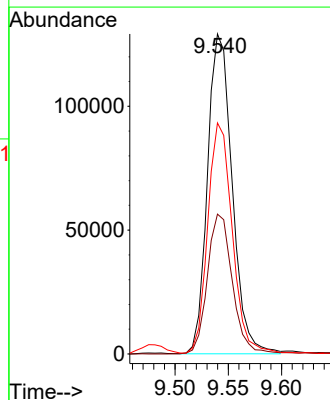
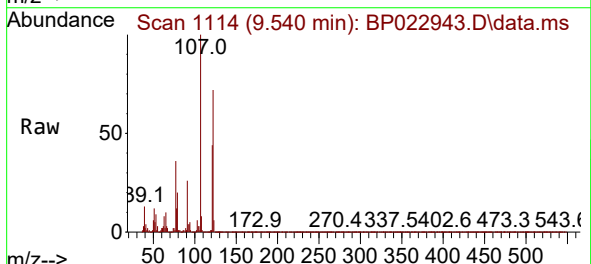
Instrument :
BNA_P
ClientSampleId :
SSTD040631

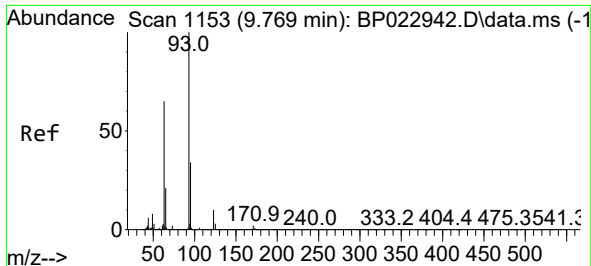
Tgt Ion:139 Resp: 99553
Ion Ratio Lower Upper
139 100
65 60.6 52.8 79.2
109 48.6 38.9 58.3



#26
2,4-Dimethylphenol
Concen: 36.849 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:107 Resp: 208128
Ion Ratio Lower Upper
107 100
121 43.7 34.4 51.6
122 72.2 56.7 85.1

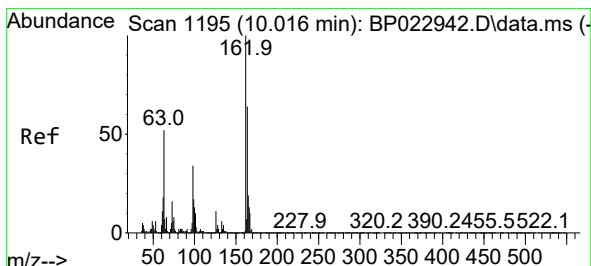
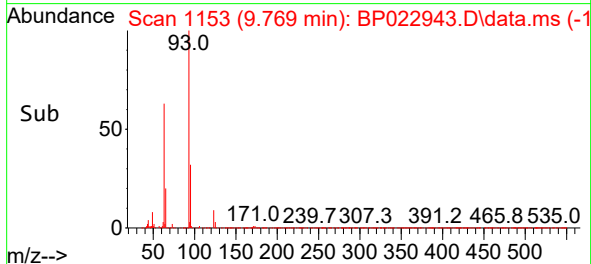
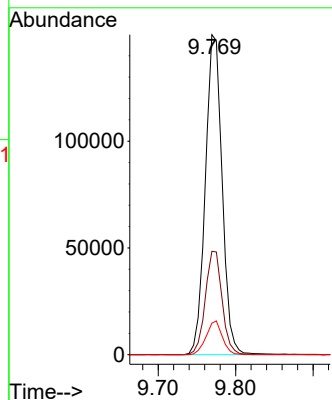
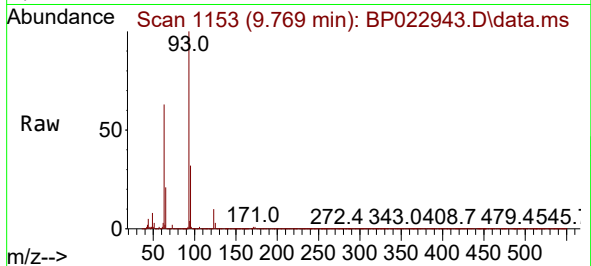




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.607 ng/ul
 RT: 9.769 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BP022943.D
 Acq: 08 Nov 2024 21:36

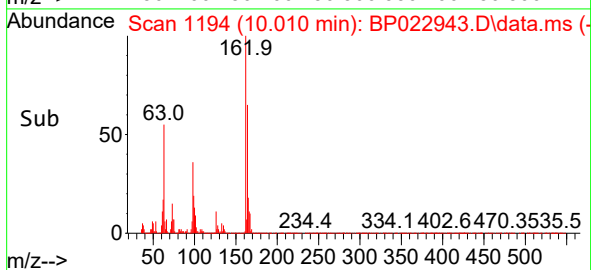
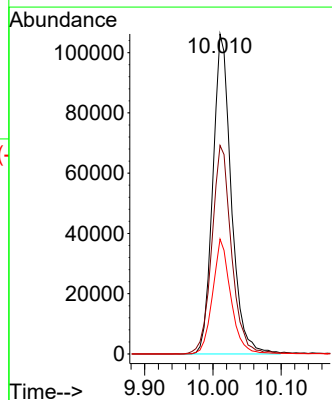
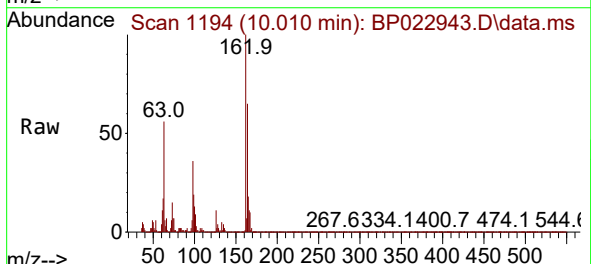
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040631

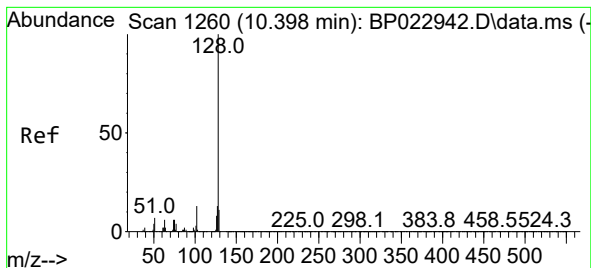
Tgt Ion:	93	Resp:	225349
Ion	Ratio	Lower	Upper
93	100		
95	32.3	27.0	40.6
123	9.9	8.2	12.4



#29
 2,4-Dichlorophenol
 Concen: 39.653 ng/ul
 RT: 10.010 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BP022943.D
 Acq: 08 Nov 2024 21:36

Tgt Ion:	162	Resp:	200110
Ion	Ratio	Lower	Upper
162	100		
164	65.2	51.4	77.0
98	35.9	27.0	40.6





#30

Naphthalene

Concen: 37.134 ng/ul

RT: 10.399 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

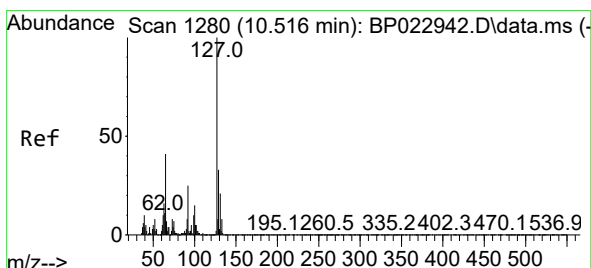
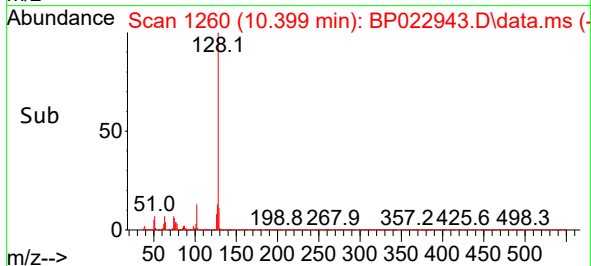
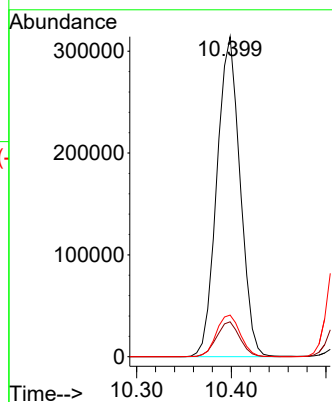
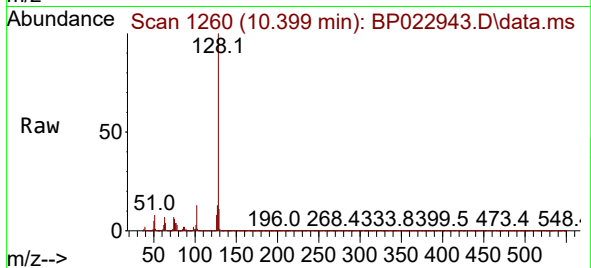
Tgt Ion:128 Resp: 535726

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.0 10.2 15.2



#32

4-Chloroaniline

Concen: 37.345 ng/ul

RT: 10.516 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BP022943.D

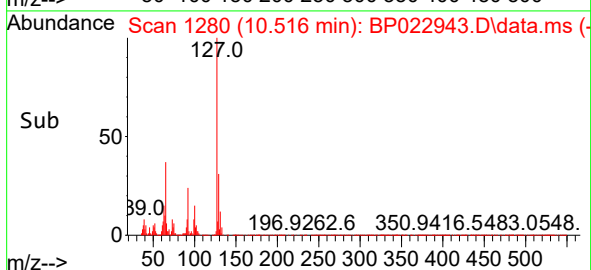
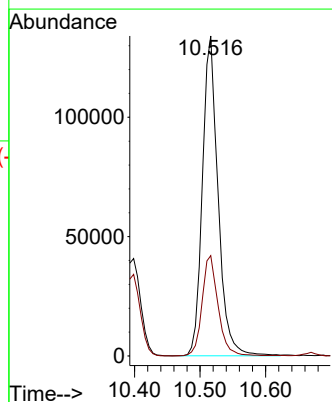
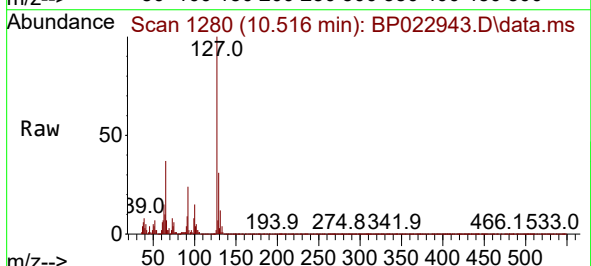
Acq: 08 Nov 2024 21:36

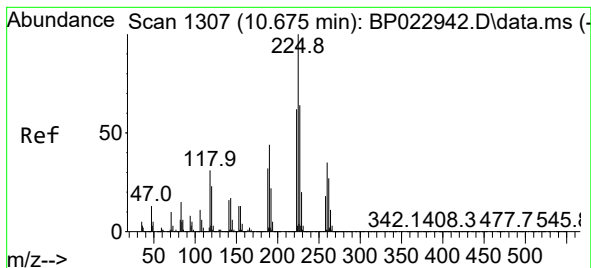
Tgt Ion:127 Resp: 223224

Ion Ratio Lower Upper

127 100

129 31.3 26.4 39.6





#33

Hexachlorobutadiene

Concen: 39.348 ng/ul

RT: 10.669 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

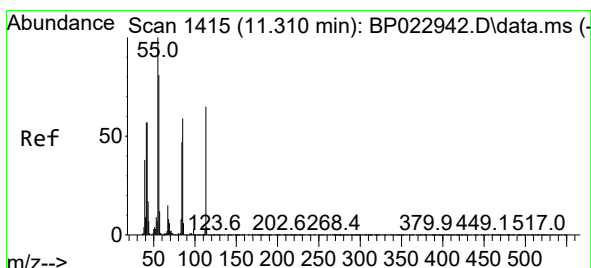
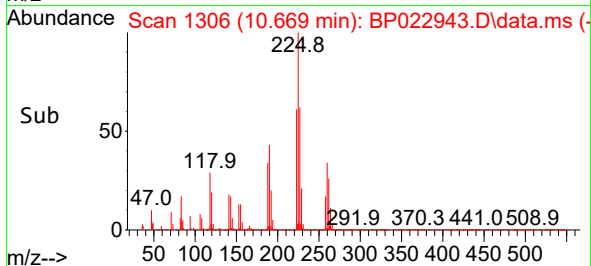
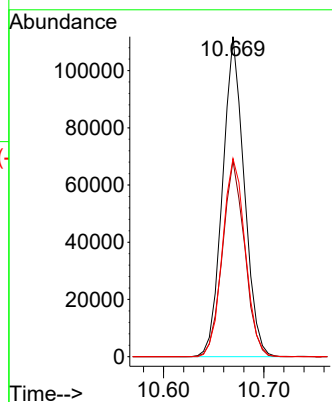
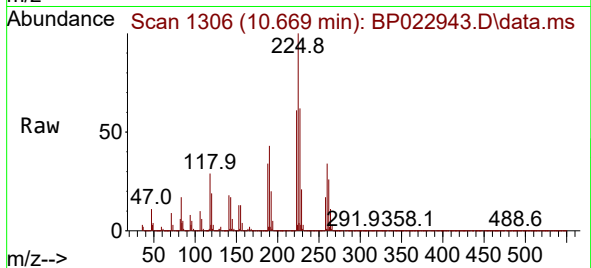
Tgt Ion:225 Resp: 167359

Ion Ratio Lower Upper

225 100

223 61.3 49.7 74.5

227 61.9 51.4 77.0



#34

Caprolactam

Concen: 19.174 ng/ul

RT: 11.299 min Scan# 1413

Delta R.T. -0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

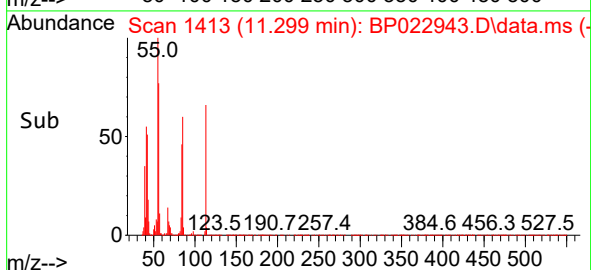
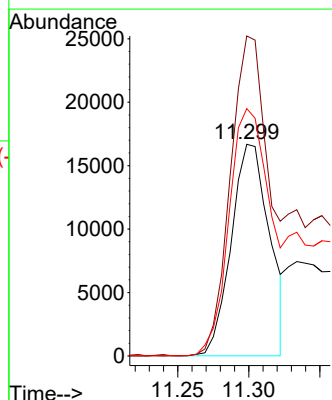
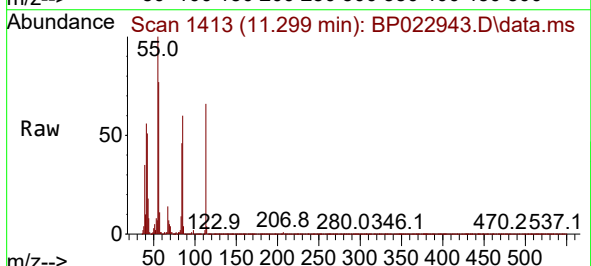
Tgt Ion:113 Resp: 31195

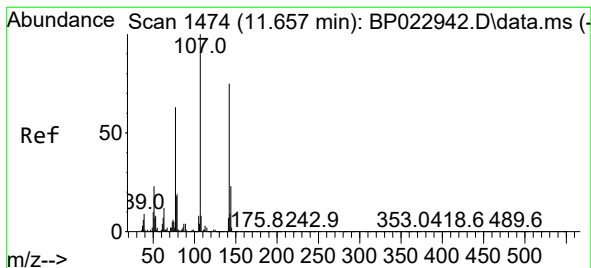
Ion Ratio Lower Upper

113 100

55 151.2 123.0 184.6

56 116.9 99.8 149.8

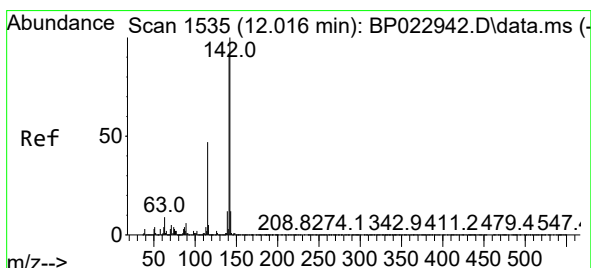
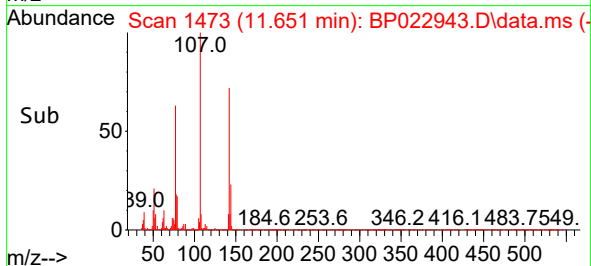
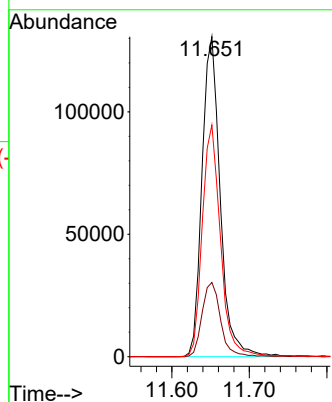
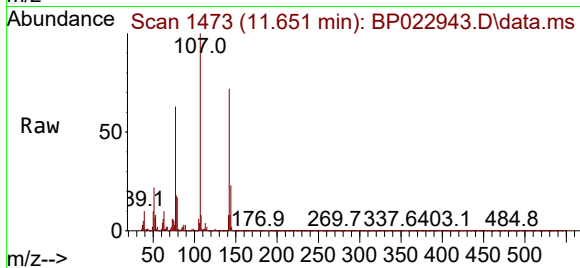




#35
4-Chloro-3-methylphenol
Concen: 38.758 ng/ul
RT: 11.651 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

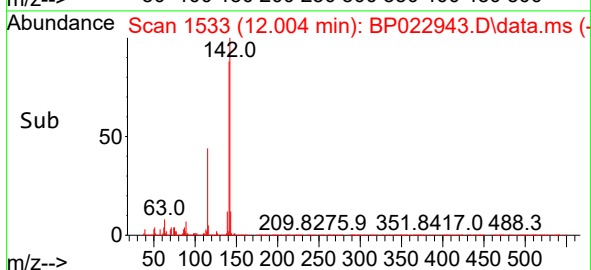
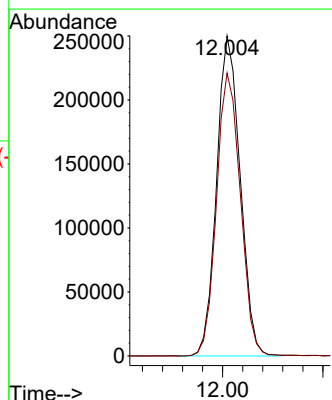
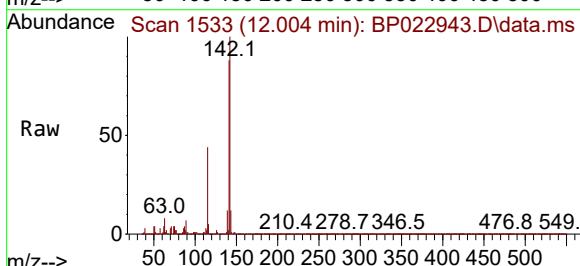
Instrument :
BNA_P
ClientSampleId :
SSTD040631

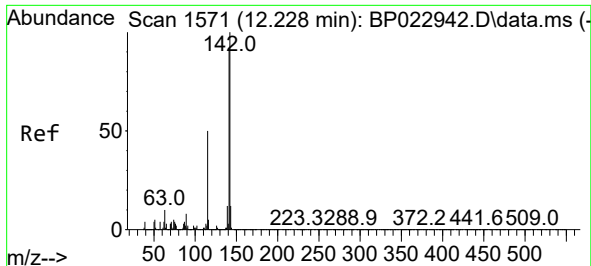
Tgt Ion:107 Resp: 213405
Ion Ratio Lower Upper
107 100
144 23.2 18.8 28.2
142 72.4 59.8 89.8



#36
2-Methylnaphthalene
Concen: 38.527 ng/ul
RT: 12.004 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:142 Resp: 408001
Ion Ratio Lower Upper
142 100
141 88.4 73.1 109.7





#37

1-Methylnaphthalene

Concen: 38.813 ng/ul

RT: 12.228 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

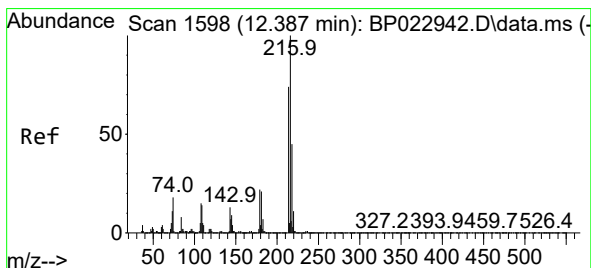
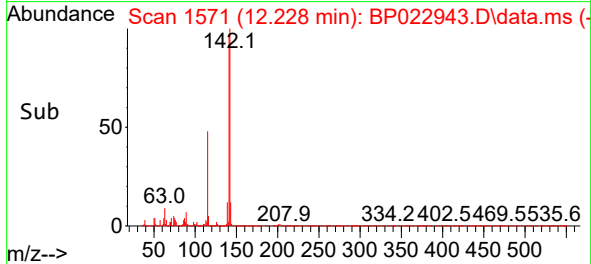
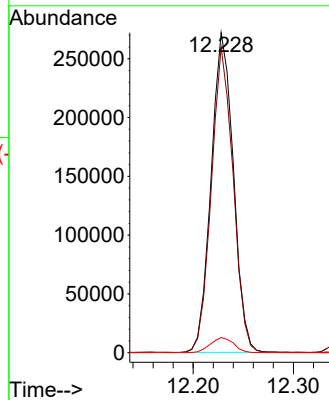
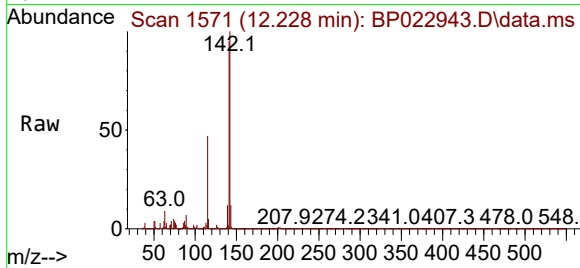
Tgt Ion:142 Resp: 419525

Ion Ratio Lower Upper

142 100

141 95.5 73.8 110.8

116 4.7 4.2 6.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.580 ng/ul

RT: 12.375 min Scan# 1596

Delta R.T. -0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Tgt Ion:216 Resp: 313488

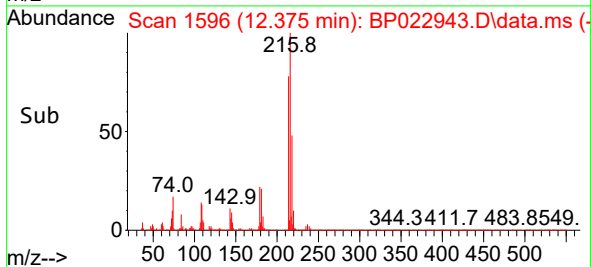
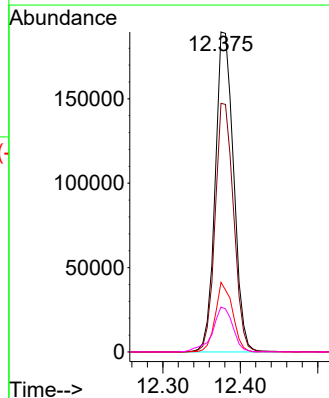
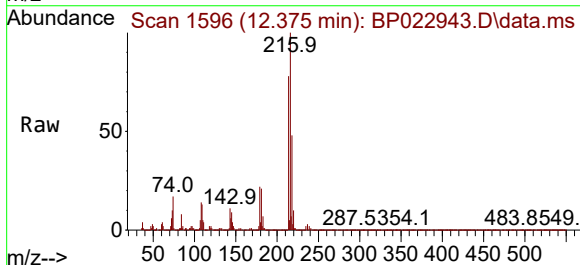
Ion Ratio Lower Upper

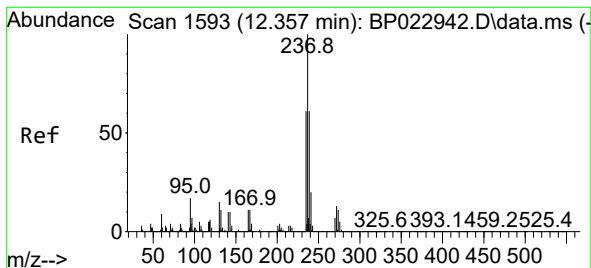
216 100

214 77.7 59.4 89.2

179 21.8 17.3 25.9

108 14.0 11.8 17.6





#40

Hexachlorocyclopentadiene

Concen: 32.861 ng/ul

RT: 12.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

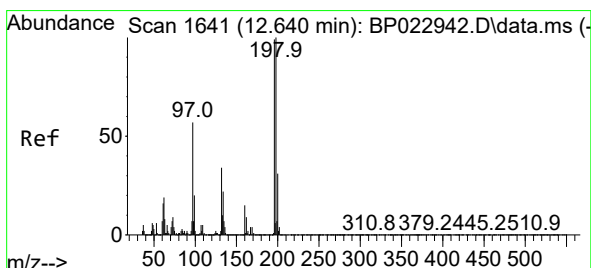
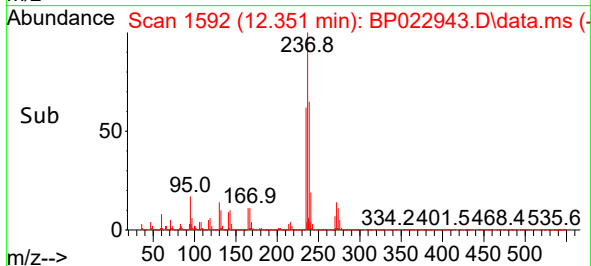
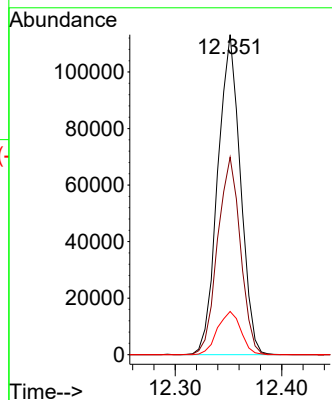
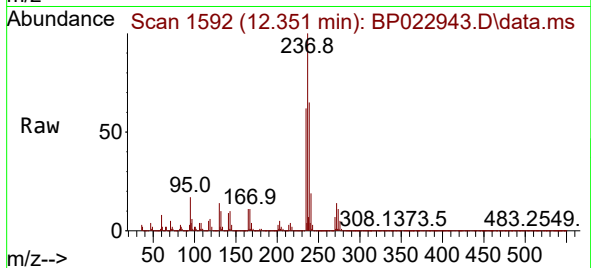
Tgt Ion:237 Resp: 167013

Ion Ratio Lower Upper

237 100

235 61.7 48.6 73.0

272 13.5 10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 37.962 ng/ul

RT: 12.628 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

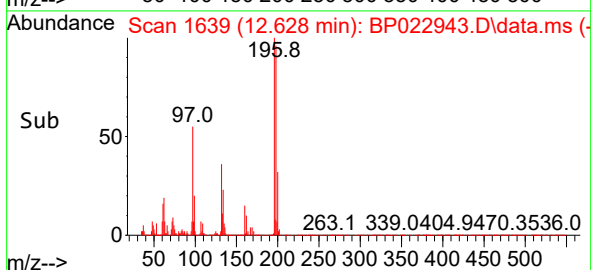
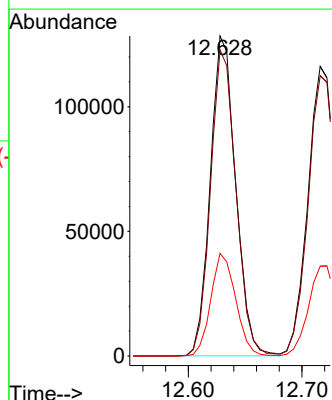
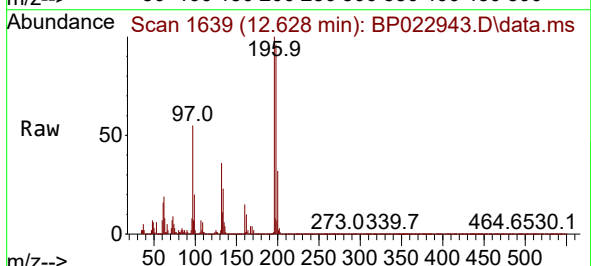
Tgt Ion:196 Resp: 199193

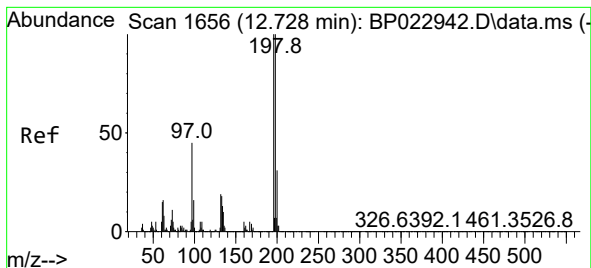
Ion Ratio Lower Upper

196 100

198 95.7 80.5 120.7

200 32.0 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 38.522 ng/ul

RT: 12.716 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

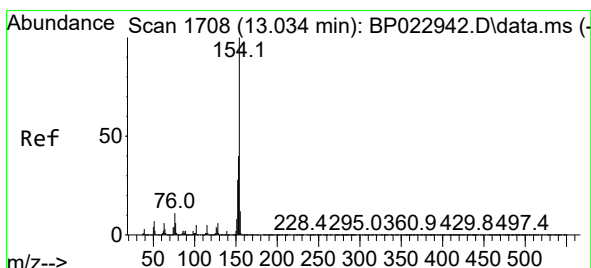
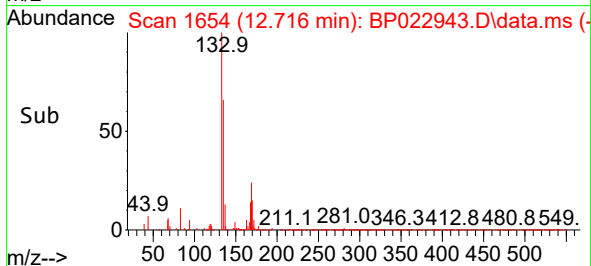
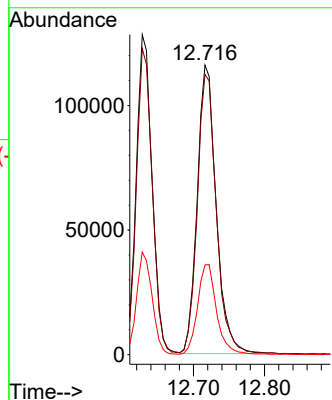
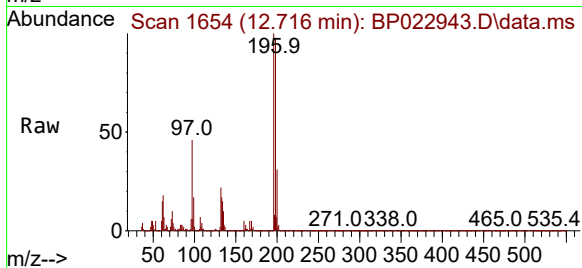
Tgt Ion:196 Resp: 215224

Ion Ratio Lower Upper

196 100

198 96.8 79.6 119.4

200 31.0 25.0 37.6



#43

1,1'-Biphenyl

Concen: 36.889 ng/ul

RT: 13.028 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

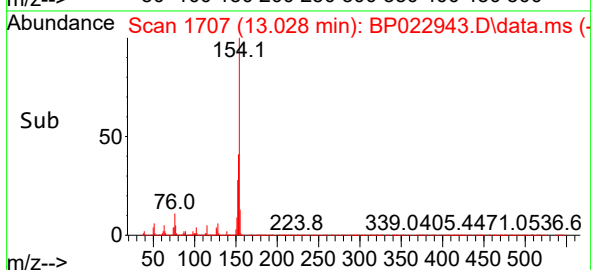
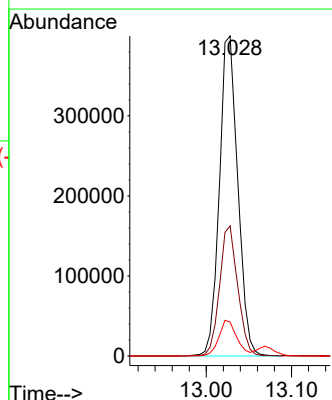
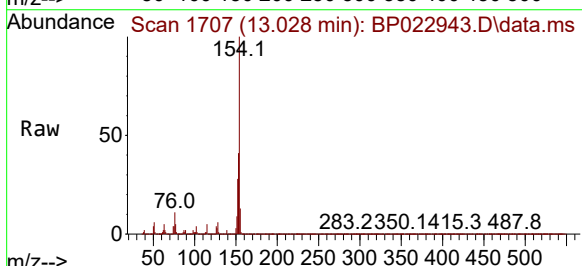
Tgt Ion:154 Resp: 599865

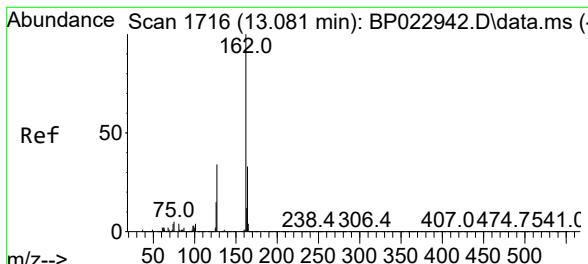
Ion Ratio Lower Upper

154 100

153 40.6 32.0 48.0

76 10.6 8.4 12.6



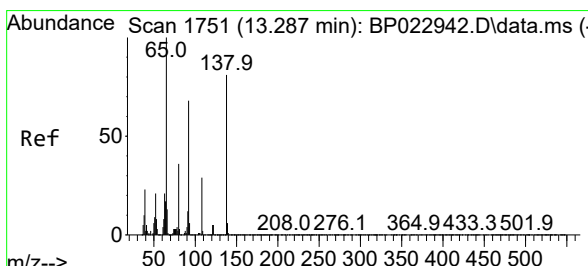
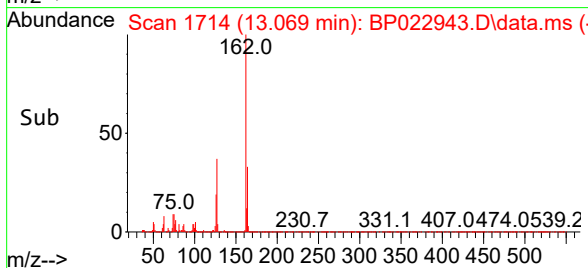
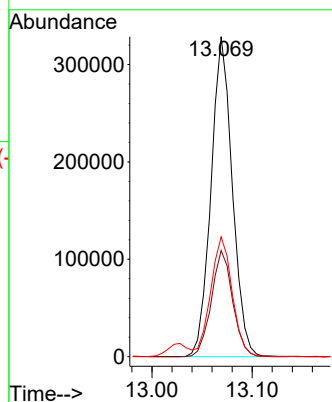
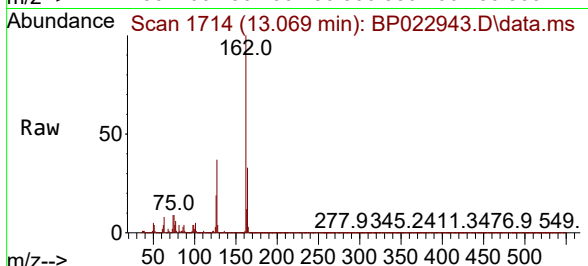


#44
2-Chloronaphthalene
Concen: 36.449 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Instrument :
BNA_P
ClientSampleId :
SSTD040631

Tgt Ion:162 Resp: 485201

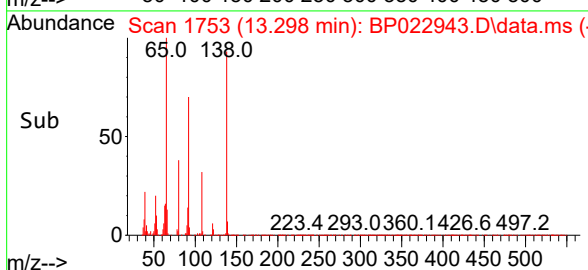
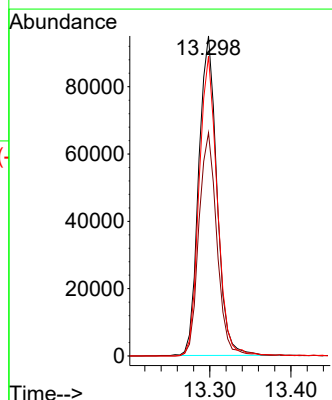
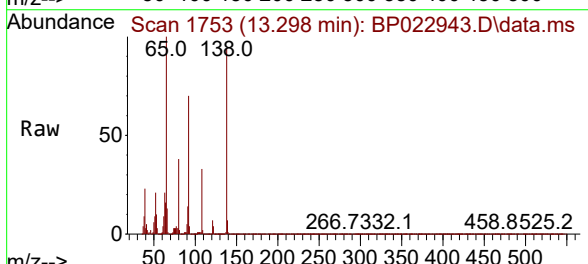
Ion	Ratio	Lower	Upper
162	100		
164	33.1	26.6	40.0
127	37.5	30.2	45.2

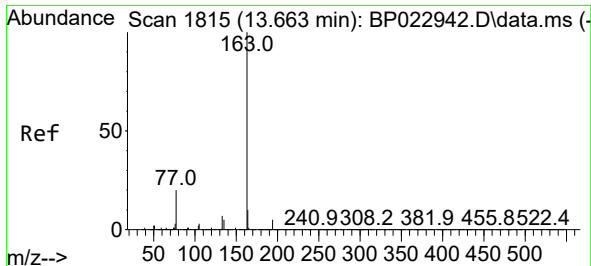


#45
2-Nitroaniline
Concen: 37.115 ng/ul
RT: 13.298 min Scan# 1753
Delta R.T. 0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion: 65 Resp: 147524

Ion	Ratio	Lower	Upper
65	100		
92	69.7	54.2	81.2
138	93.7	65.1	97.7

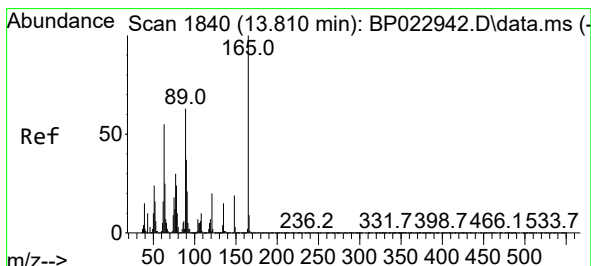
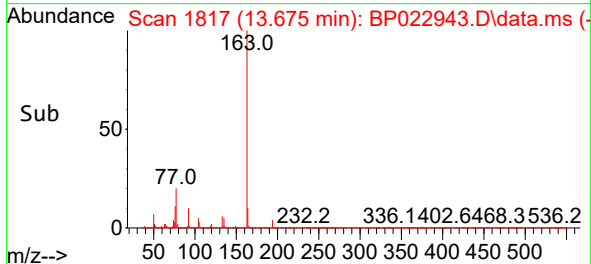
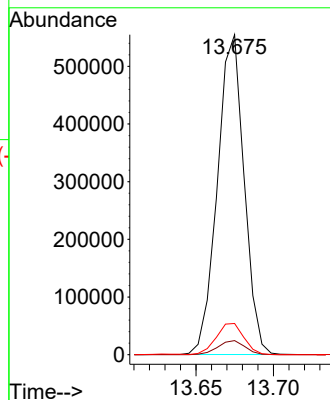
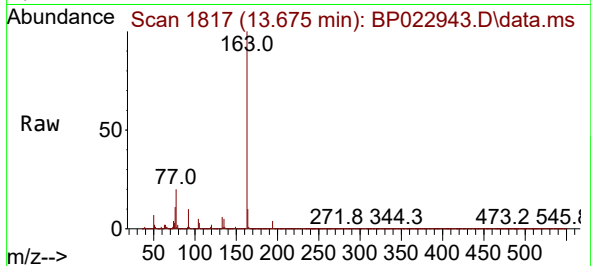




#47
Dimethylphthalate
Concen: 37.260 ng/ul
RT: 13.675 min Scan# 1815
Delta R.T. 0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

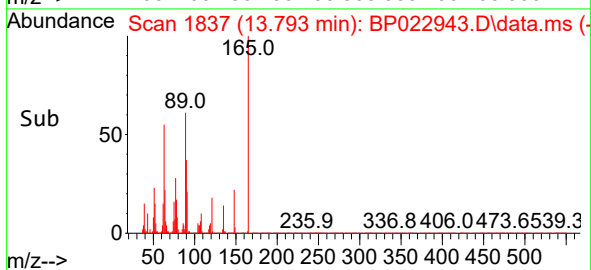
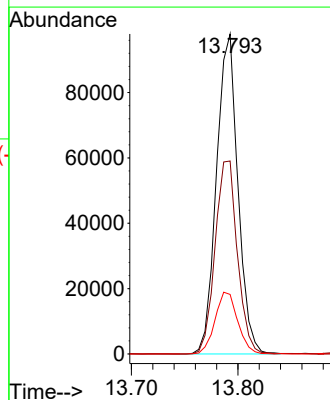
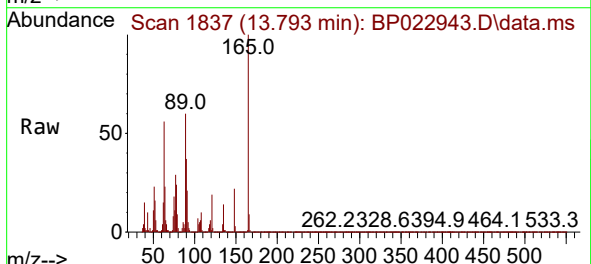
Instrument :
BNA_P
ClientSampleId :
SSTD040631

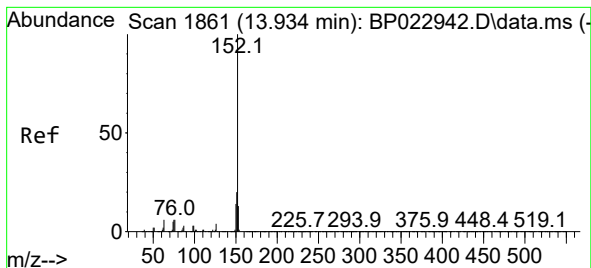
Tgt Ion:163 Resp: 665506
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 9.7 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.420 ng/ul
RT: 13.793 min Scan# 1837
Delta R.T. -0.018 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:165 Resp: 136553
Ion Ratio Lower Upper
165 100
89 60.3 50.6 75.8
121 18.6 15.8 23.8





#50

Acenaphthylene

Concen: 35.974 ng/ul

RT: 13.940 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

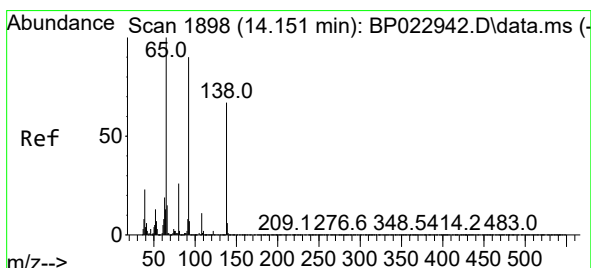
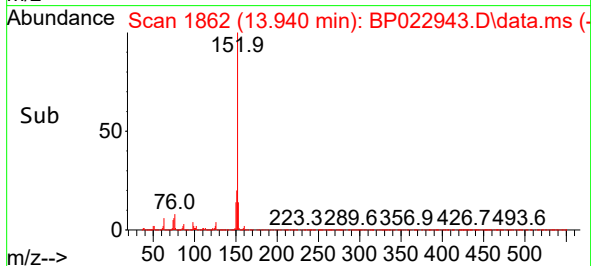
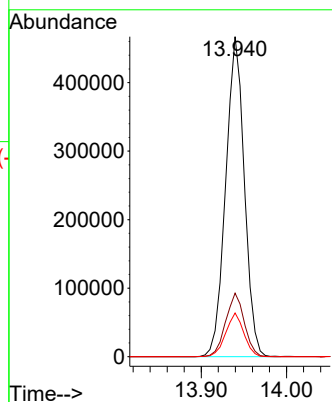
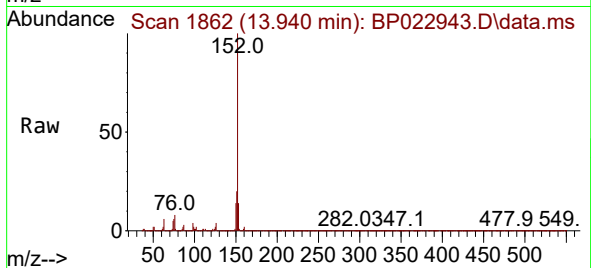
Tgt Ion:152 Resp: 710795

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.7 10.2 15.2



#51

3-Nitroaniline

Concen: 35.520 ng/ul

RT: 14.128 min Scan# 1894

Delta R.T. -0.023 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

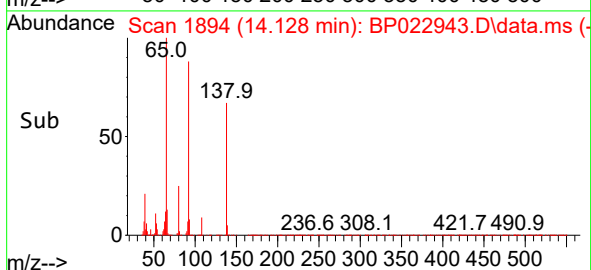
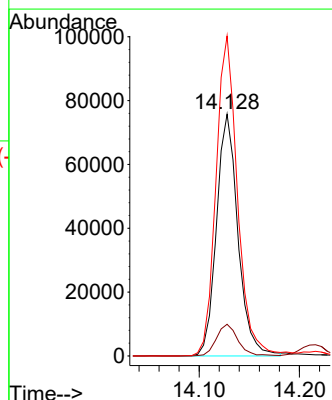
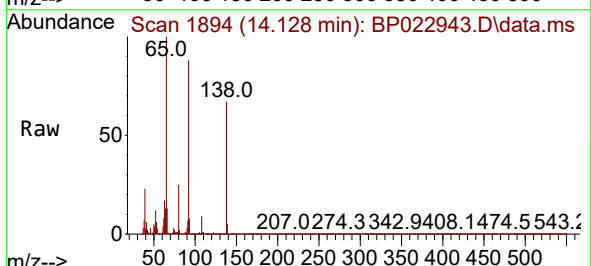
Tgt Ion:138 Resp: 112706

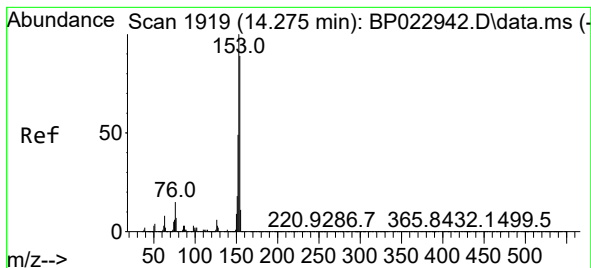
Ion Ratio Lower Upper

138 100

108 13.1 12.7 19.1

92 132.4 107.8 161.8





#52

Acenaphthene

Concen: 37.123 ng/ul

RT: 14.287 min Scan# 1919

Delta R.T. 0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

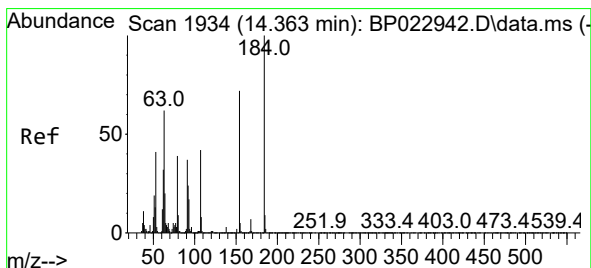
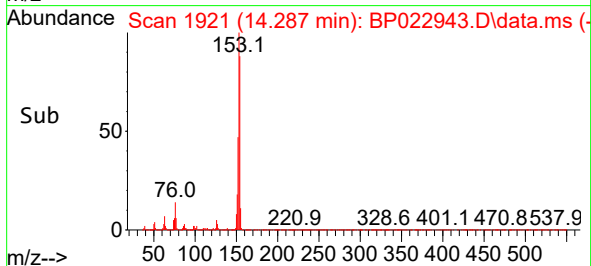
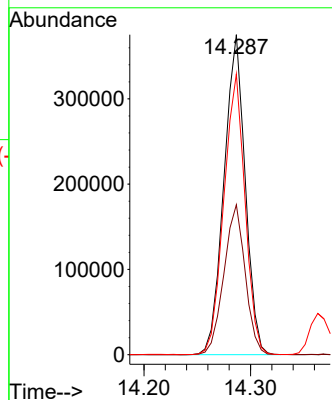
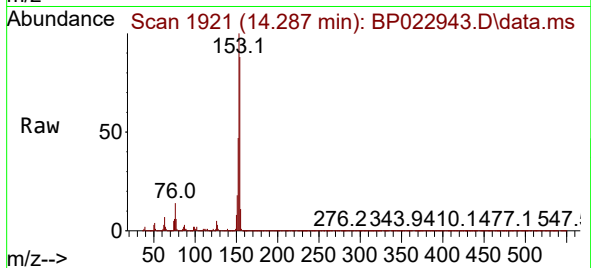
Tgt Ion:153 Resp: 518675

Ion Ratio Lower Upper

153 100

152 46.8 39.6 59.4

154 87.7 70.9 106.3



#53

2,4-Dinitrophenol

Concen: 37.526 ng/ul

RT: 14.363 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

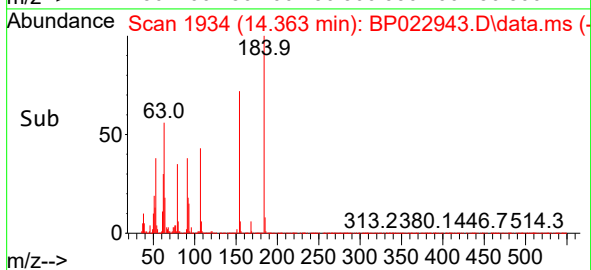
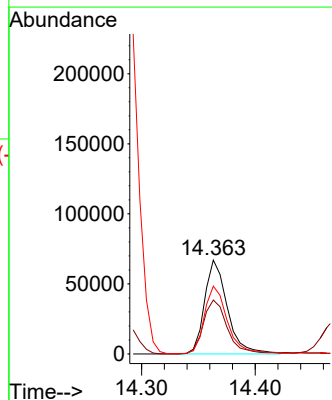
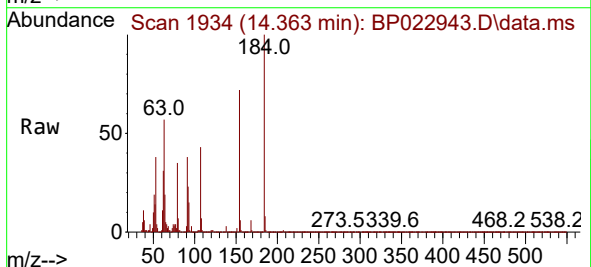
Tgt Ion:184 Resp: 93276

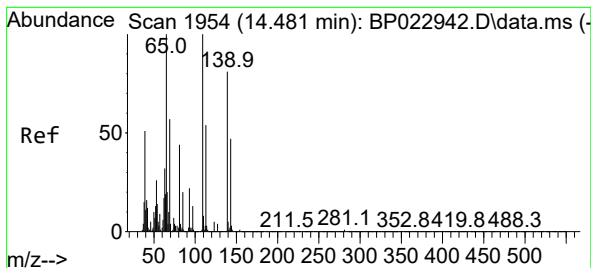
Ion Ratio Lower Upper

184 100

63 57.4 50.1 75.1

154 72.2 58.2 87.4

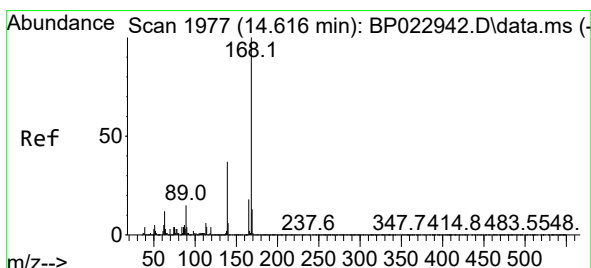
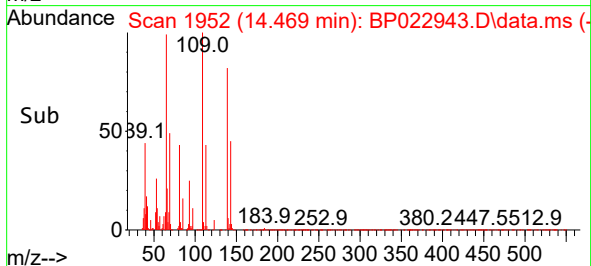
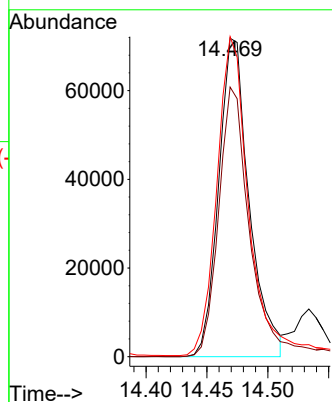
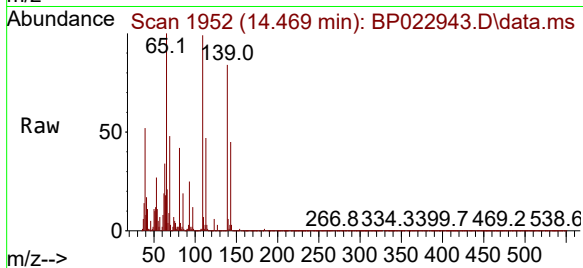




#55
4-Nitrophenol
Concen: 37.518 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

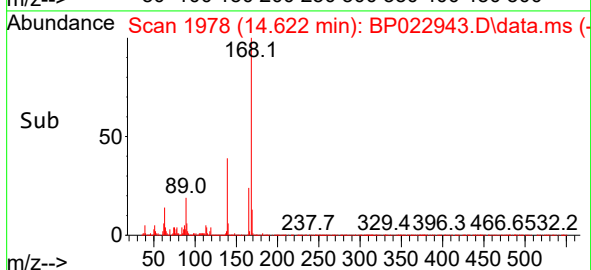
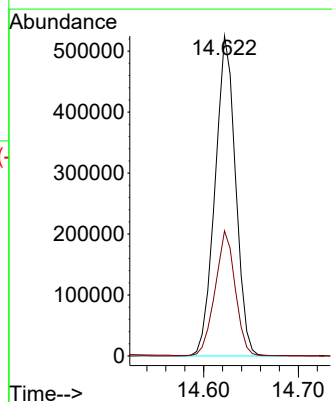
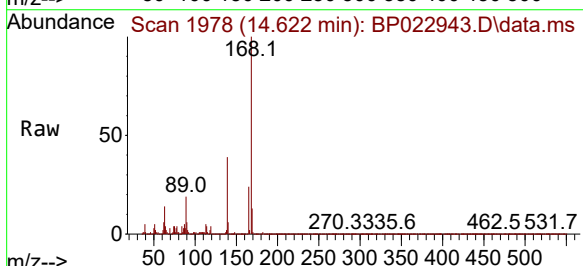
Instrument :
BNA_P
ClientSampleId :
SSTD040631

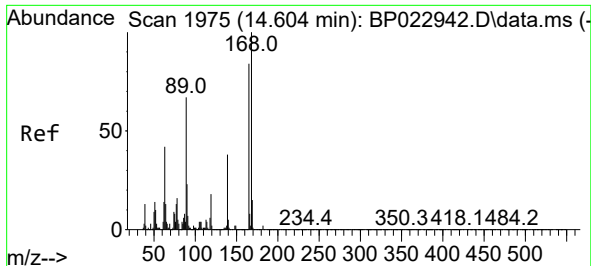
Tgt Ion:109 Resp: 125217
Ion Ratio Lower Upper
109 100
139 84.7 64.6 96.8
65 100.5 80.6 120.8



#56
Dibenzofuran
Concen: 37.627 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:168 Resp: 789700
Ion Ratio Lower Upper
168 100
139 39.1 29.7 44.5

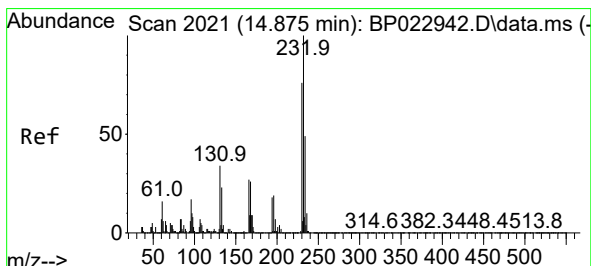
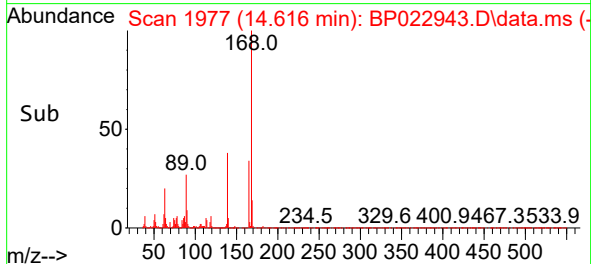
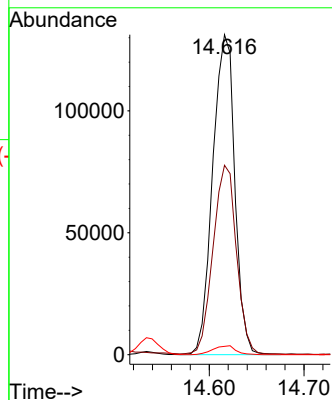
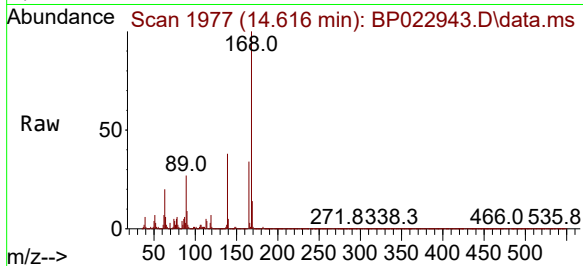




#57
2,4-Dinitrotoluene
Concen: 40.527 ng/ul
RT: 14.616 min Scan# 1975
Delta R.T. 0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

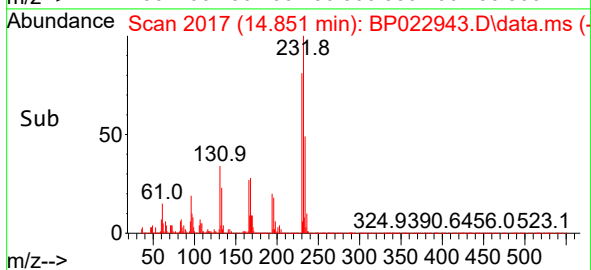
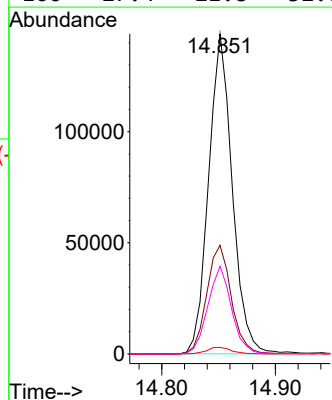
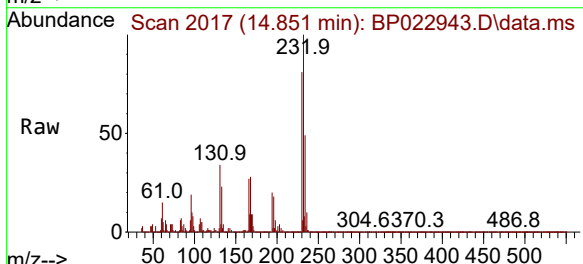
Instrument :
BNA_P
ClientSampleId :
SSTD040631

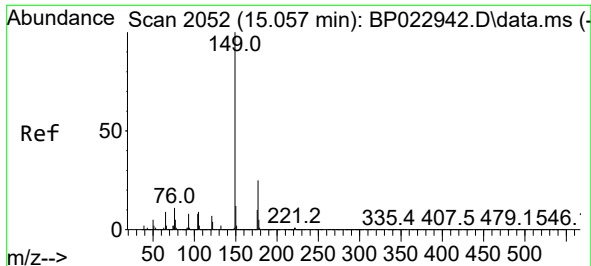
Tgt Ion:165 Resp: 212757
Ion Ratio Lower Upper
165 100
63 59.2 41.3 61.9
182 2.6 2.5 3.7



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.942 ng/ul
RT: 14.851 min Scan# 2017
Delta R.T. -0.023 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:232 Resp: 208296
Ion Ratio Lower Upper
232 100
131 34.0 27.0 40.6
130 2.1 1.9 2.9
166 27.4 21.8 32.6

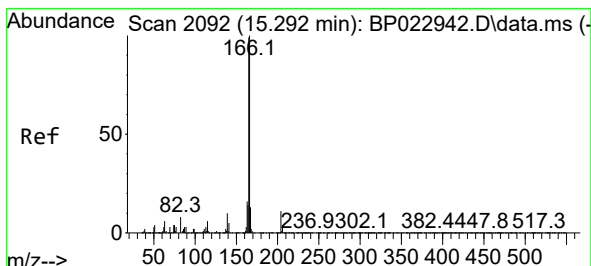
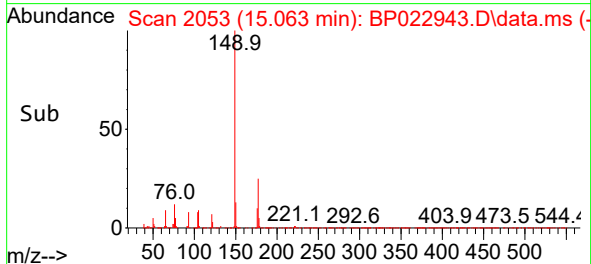
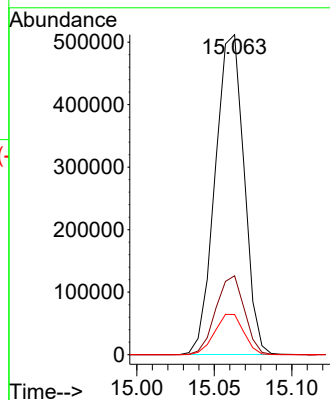
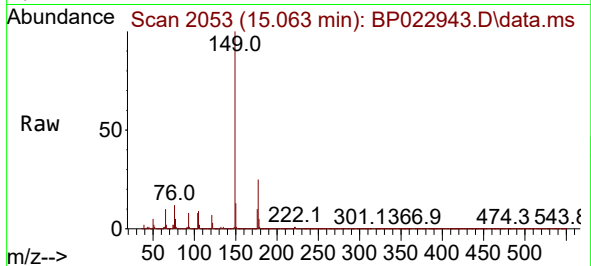




#59
Diethylphthalate
Concen: 38.784 ng/ul
RT: 15.063 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

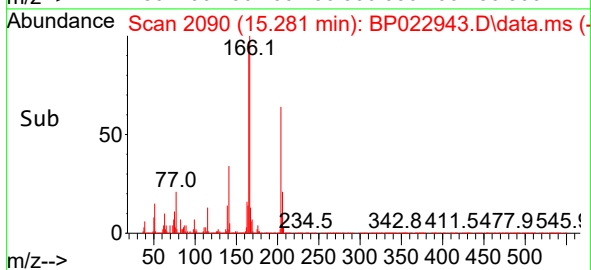
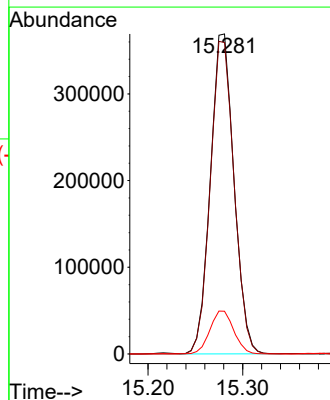
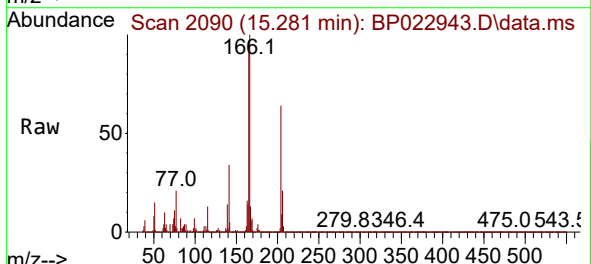
Instrument :
BNA_P
ClientSampleId :
SSTD040631

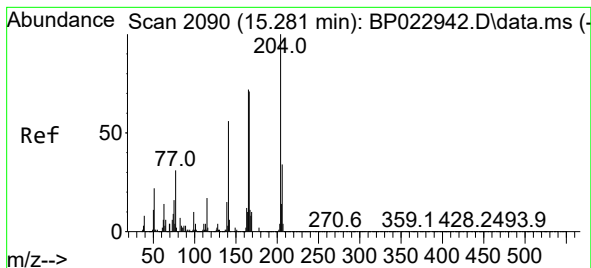
Tgt Ion:149 Resp: 664594
Ion Ratio Lower Upper
149 100
177 24.7 19.7 29.5
150 12.6 9.8 14.6



#61
Fluorene
Concen: 37.461 ng/ul
RT: 15.281 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:166 Resp: 640611
Ion Ratio Lower Upper
166 100
165 97.3 79.5 119.3
167 13.4 10.3 15.5

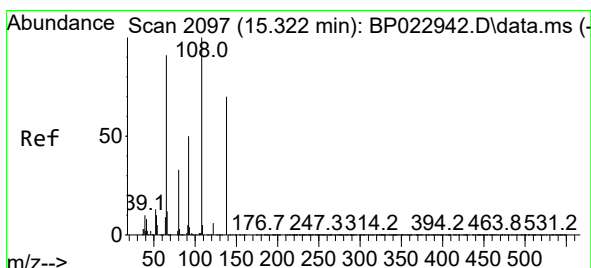
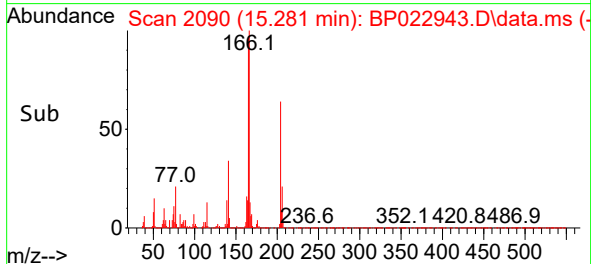
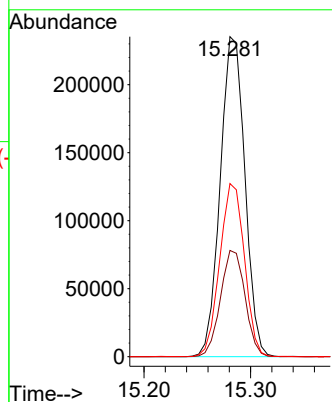
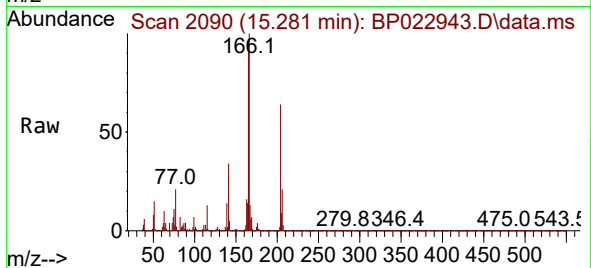




#62
4-Chlorophenyl-phenylether
Concen: 38.681 ng/ul
RT: 15.281 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

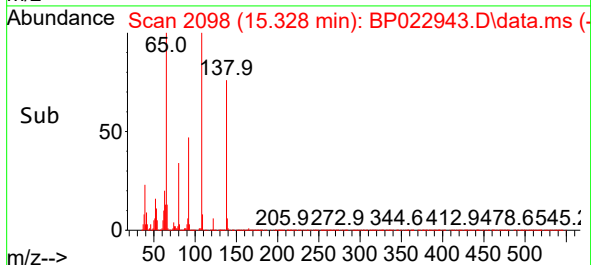
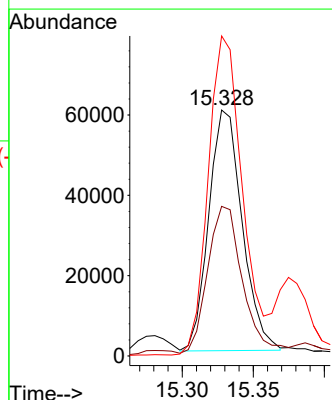
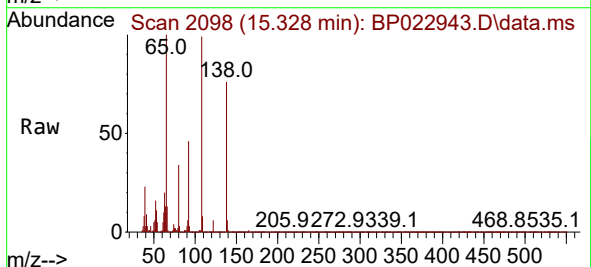
Instrument :
BNA_P
ClientSampleId :
SSTD040631

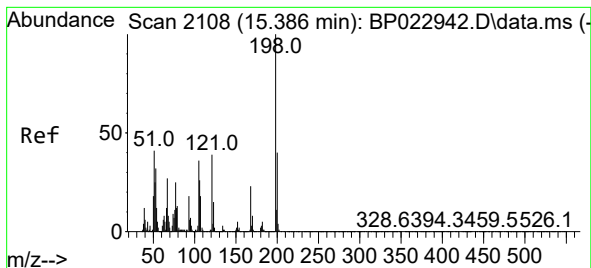
Tgt Ion:204 Resp: 378265
Ion Ratio Lower Upper
204 100
206 33.2 27.2 40.8
141 54.1 44.6 66.8



#63
4-Nitroaniline
Concen: 30.758 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:138 Resp: 98208
Ion Ratio Lower Upper
138 100
92 60.8 53.9 80.9
108 130.1 106.6 159.8

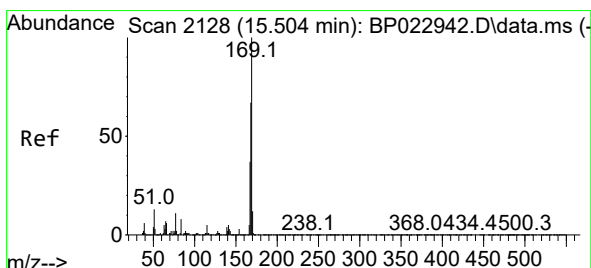
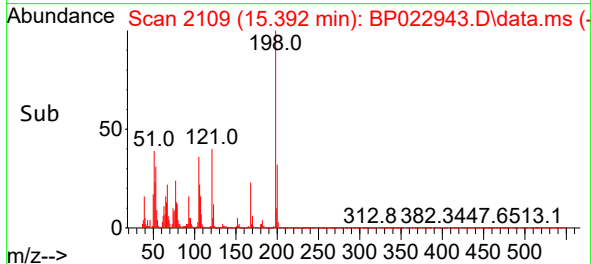
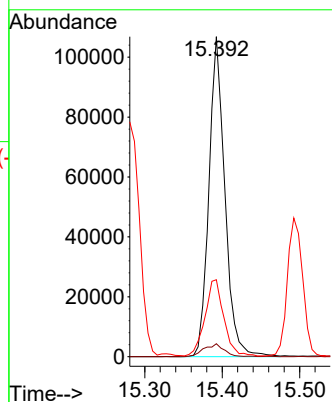
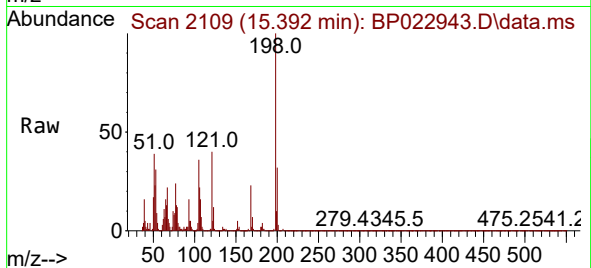




#66
4,6-Dinitro-2-methylphenol
Concen: 37.544 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

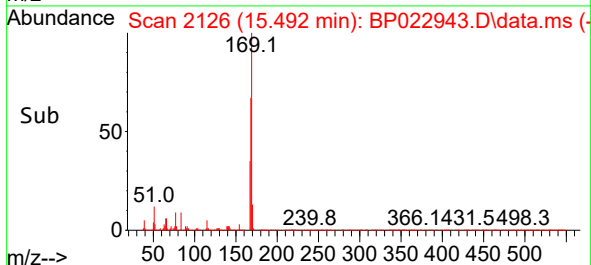
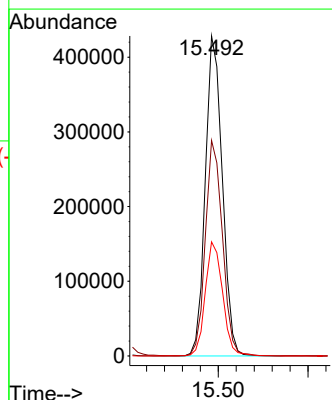
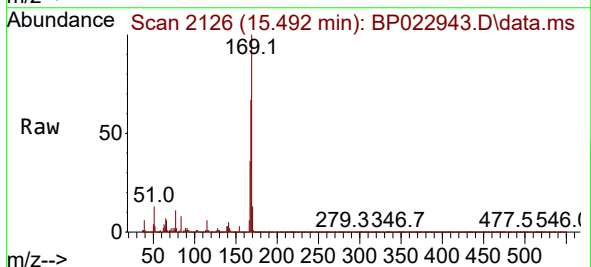
Instrument :
BNA_P
ClientSampleId :
SSTD040631

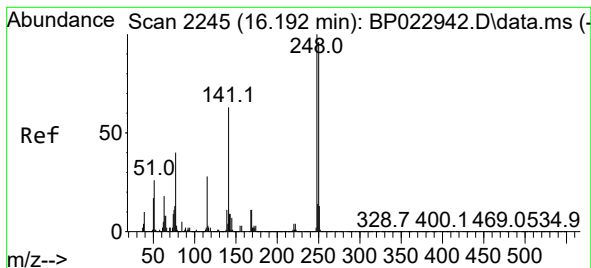
Tgt Ion:198 Resp: 153112
Ion Ratio Lower Upper
198 100
182 4.1 3.8 5.8
77 24.1 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 36.514 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:169 Resp: 562904
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 35.7 29.4 44.2

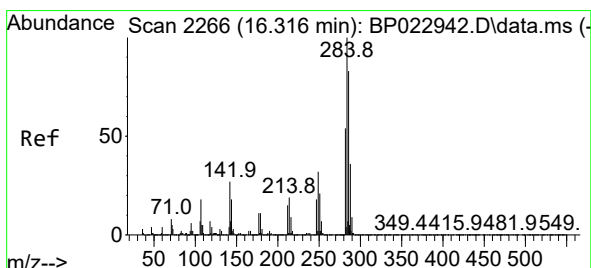
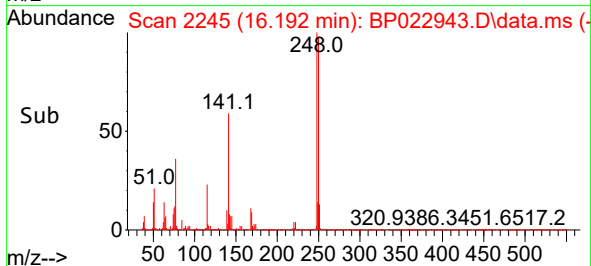
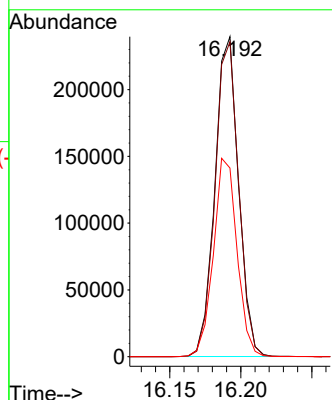
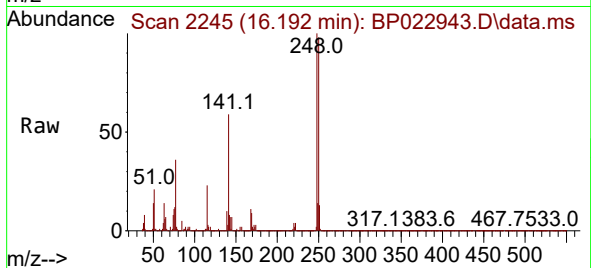




#68
4-Bromophenyl-phenylether
Concen: 39.960 ng/ul
RT: 16.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

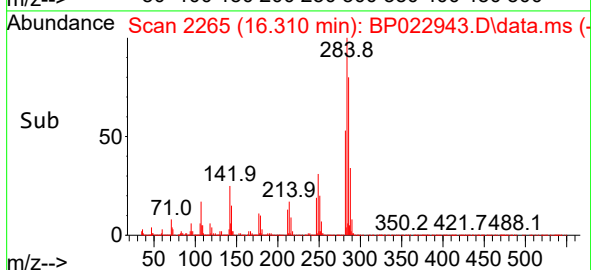
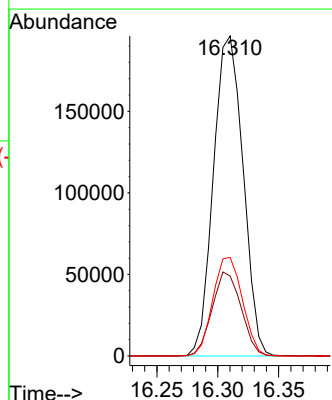
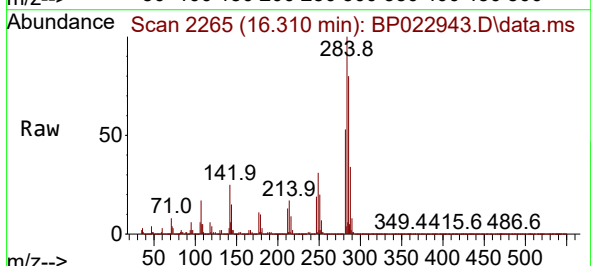
Instrument :
BNA_P
ClientSampleId :
SSTD040631

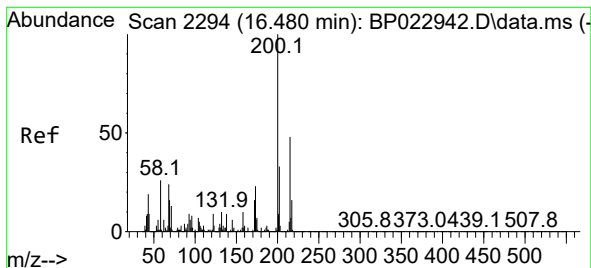
Tgt Ion:248 Resp: 277412
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 58.9 50.7 76.1



#69
Hexachlorobenzene
Concen: 38.858 ng/ul
RT: 16.310 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:284 Resp: 332053
Ion Ratio Lower Upper
284 100
142 25.0 21.5 32.3
249 30.8 25.6 38.4





#70

Atrazine

Concen: 41.636 ng/ul

RT: 16.481 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

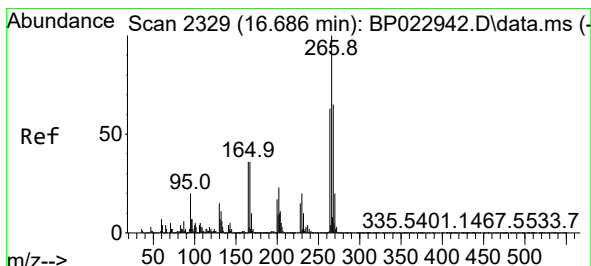
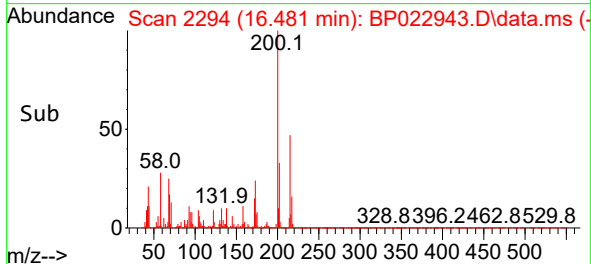
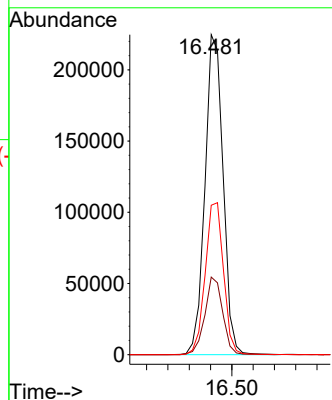
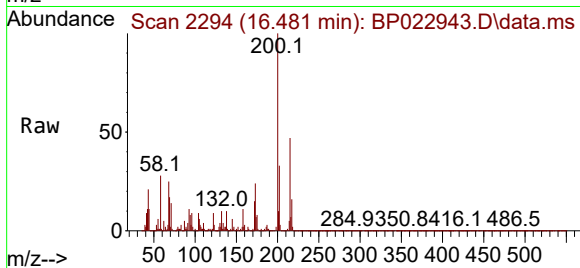
Tgt Ion:200 Resp: 266806

Ion Ratio Lower Upper

200 100

173 24.3 18.6 27.8

215 46.7 38.3 57.5



#71

Pentachlorophenol

Concen: 37.939 ng/ul

RT: 16.669 min Scan# 2326

Delta R.T. -0.018 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

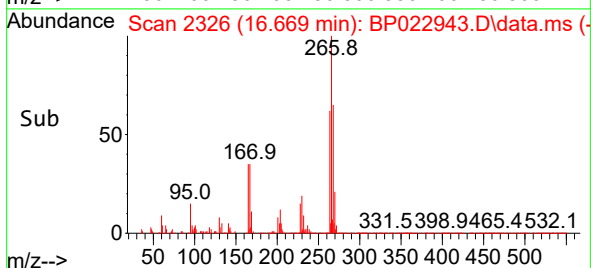
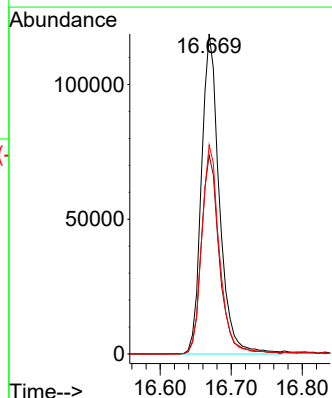
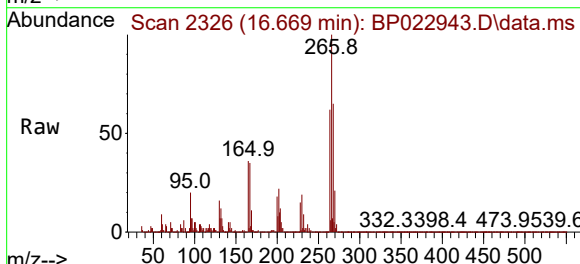
Tgt Ion:266 Resp: 208456

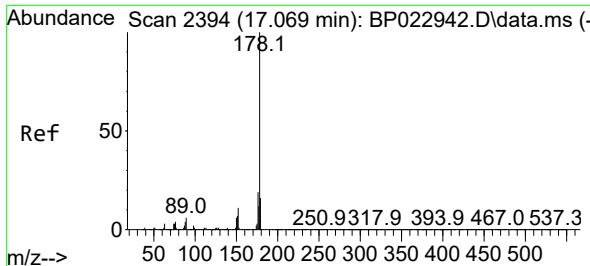
Ion Ratio Lower Upper

266 100

264 62.1 50.7 76.1

268 65.4 51.9 77.9

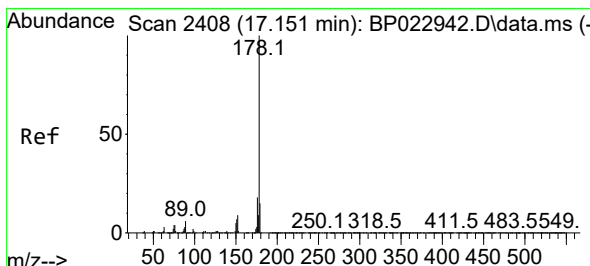
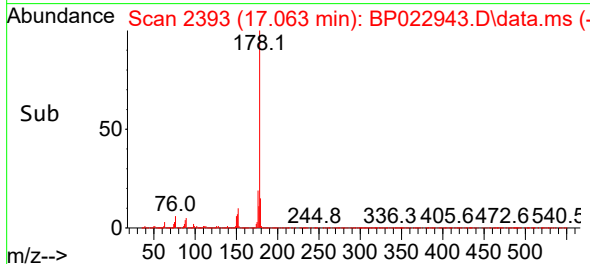
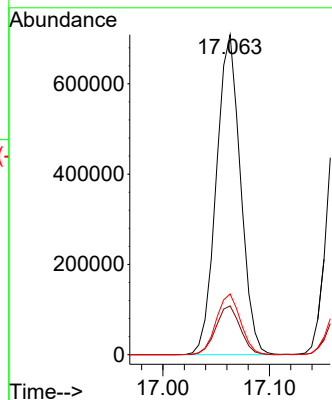
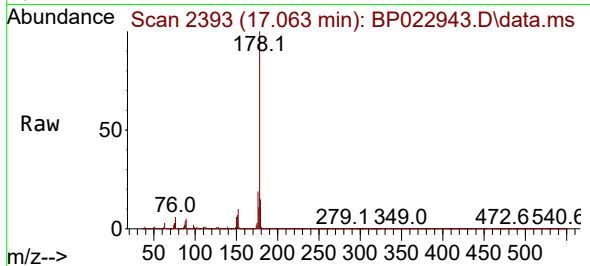




#72
Phenanthrene
Concen: 36.234 ng/ul
RT: 17.063 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

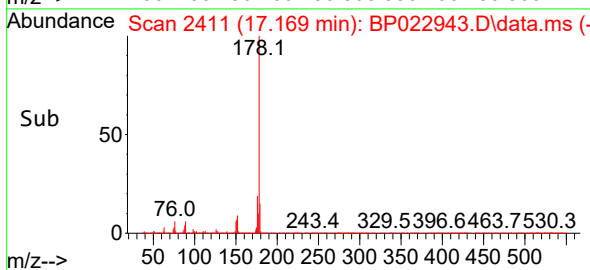
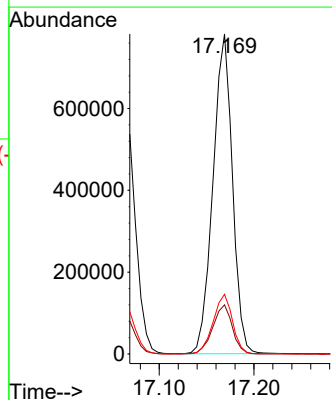
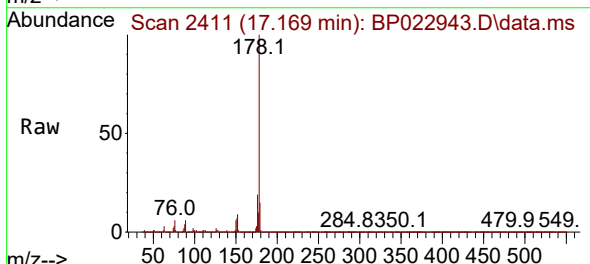
Instrument :
BNA_P
ClientSampleId :
SSTD040631

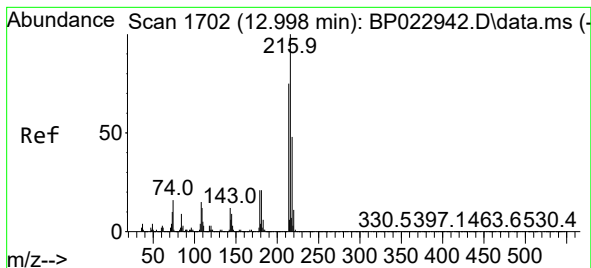
Tgt Ion:178 Resp: 1115975
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.0 15.4 23.2



#74
Anthracene
Concen: 36.305 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.018 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:178 Resp: 1115874
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.7 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 36.268 ng/uL

RT: 12.993 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

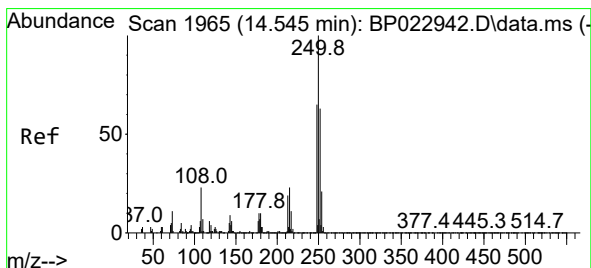
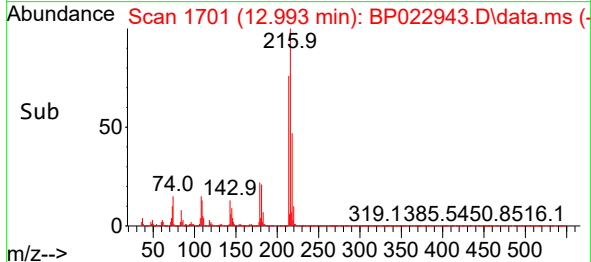
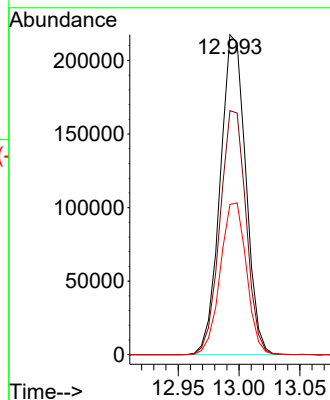
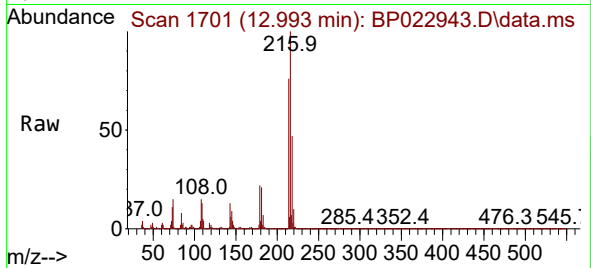
Tgt Ion:216 Resp: 317905

Ion Ratio Lower Upper

216 100

214 76.3 60.2 90.2

218 46.9 38.1 57.1



#76

Pentachlorobenzene

Concen: 37.273 ng/uL

RT: 14.534 min Scan# 1963

Delta R.T. -0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

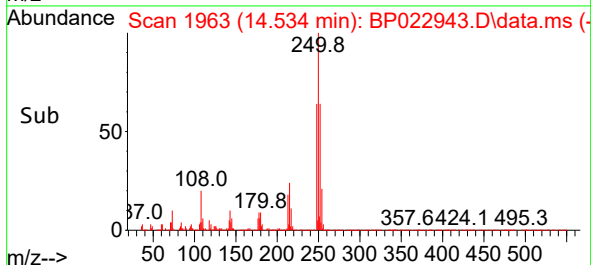
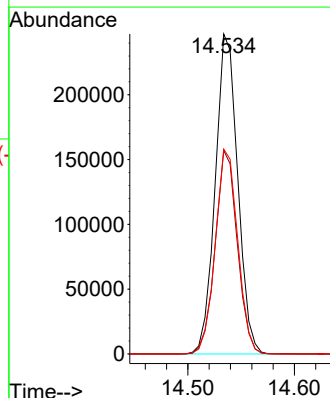
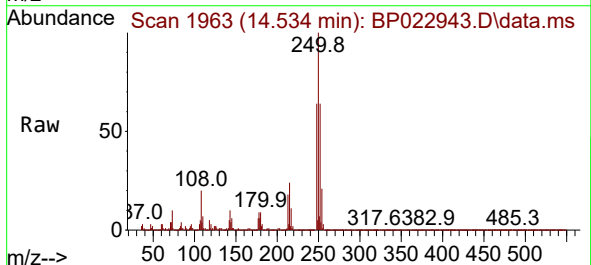
Tgt Ion:250 Resp: 361176

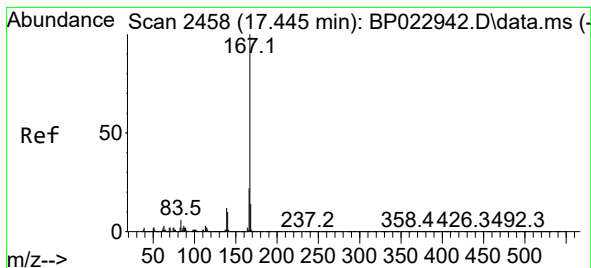
Ion Ratio Lower Upper

250 100

248 63.6 52.2 78.2

252 64.0 50.1 75.1





#77

Carbazole

Concen: 35.766 ng/ul

RT: 17.451 min Scan# 2458

Delta R.T. 0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

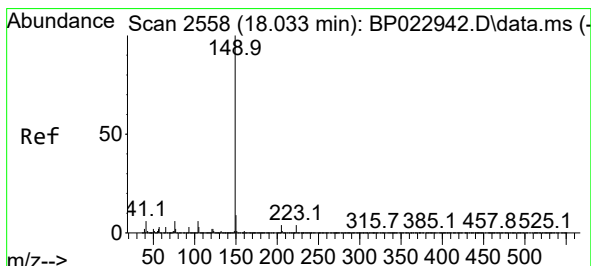
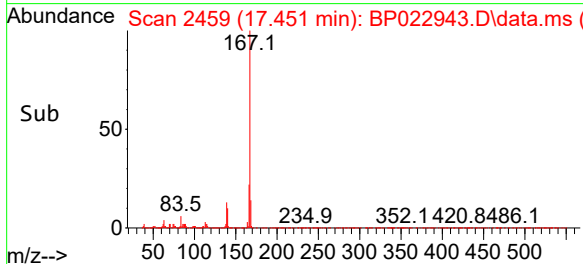
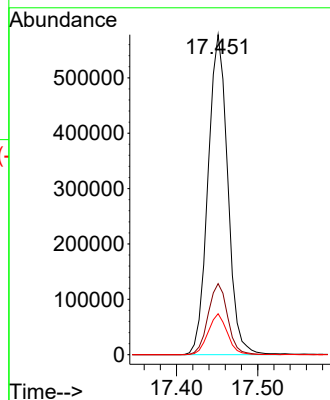
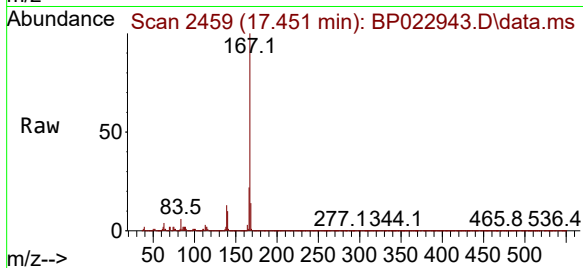
Tgt Ion:167 Resp: 972701

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

139 12.8 9.6 14.4



#78

Di-n-butylphthalate

Concen: 37.177 ng/ul

RT: 18.022 min Scan# 2556

Delta R.T. -0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

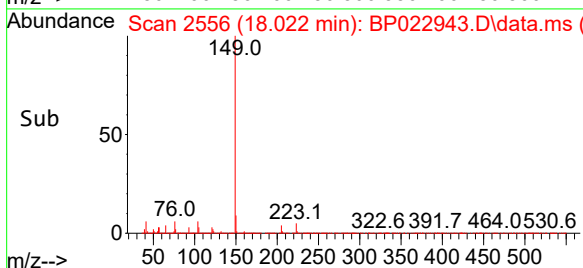
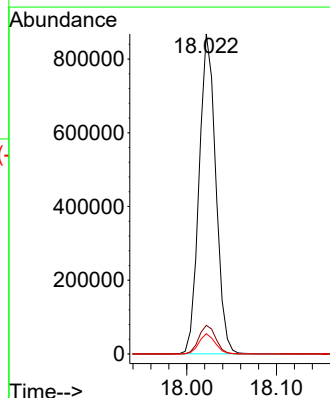
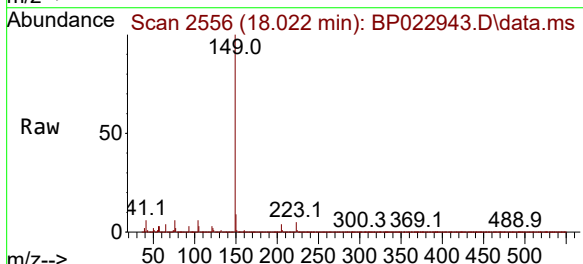
Tgt Ion:149 Resp: 1118747

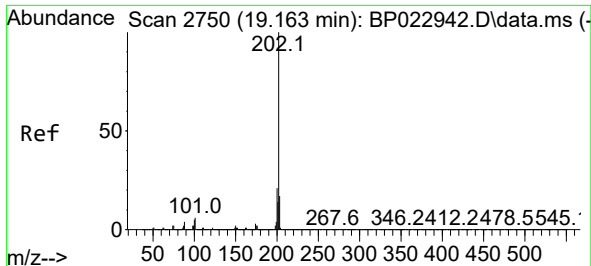
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 6.4 5.0 7.4

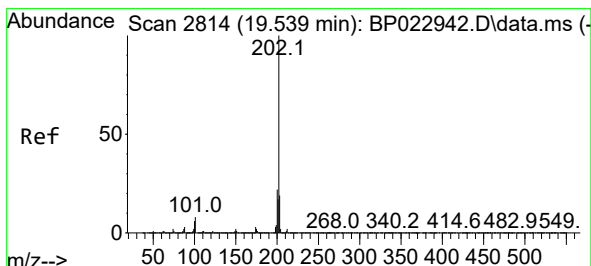
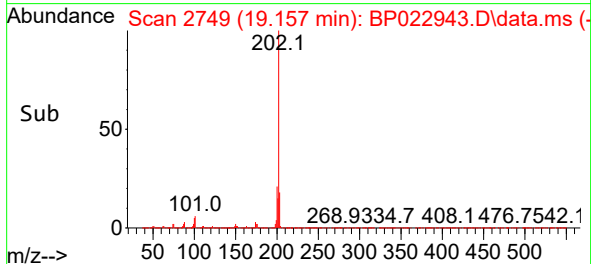
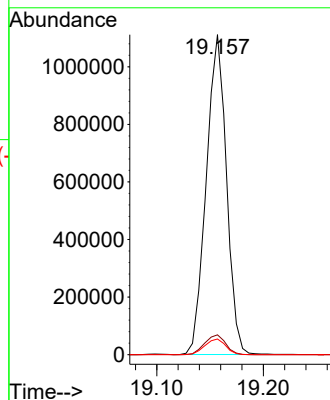
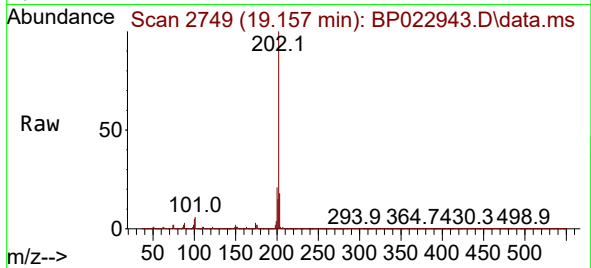




#80
Fluoranthene
Concen: 37.698 ng/ul
RT: 19.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

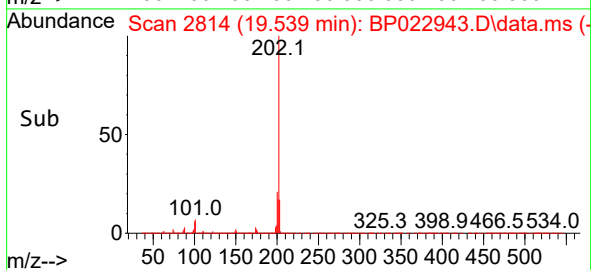
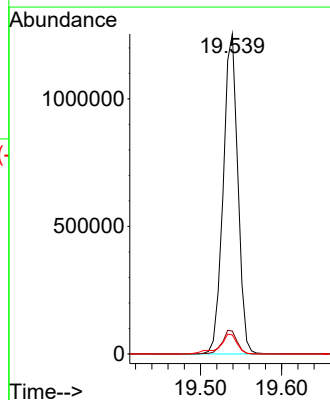
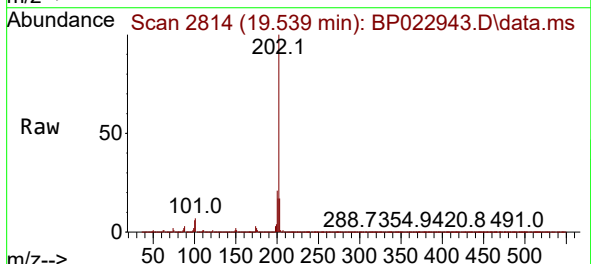
Instrument :
BNA_P
ClientSampleId :
SSTD040631

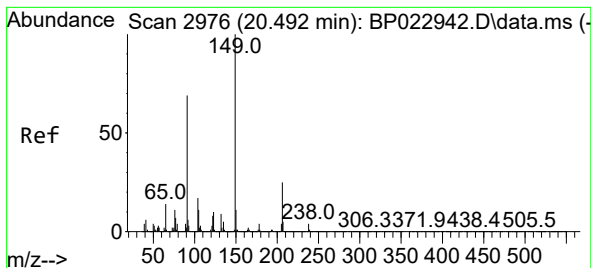
Tgt Ion:202 Resp: 1471116
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 4.9 4.1 6.1



#82
Pyrene
Concen: 37.615 ng/ul
RT: 19.539 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP022943.D
Acq: 08 Nov 2024 21:36

Tgt Ion:202 Resp: 1573272
Ion Ratio Lower Upper
202 100
101 7.2 6.2 9.2
100 6.0 4.9 7.3





#83

Butylbenzylphthalate

Concen: 36.922 ng/ul

RT: 20.492 min Scan# 2976

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

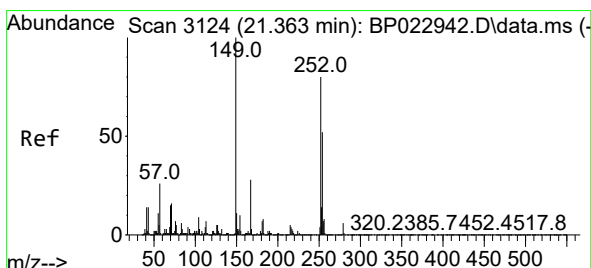
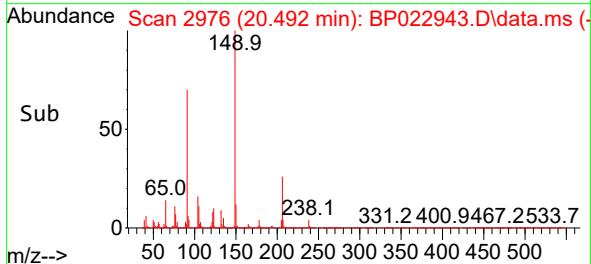
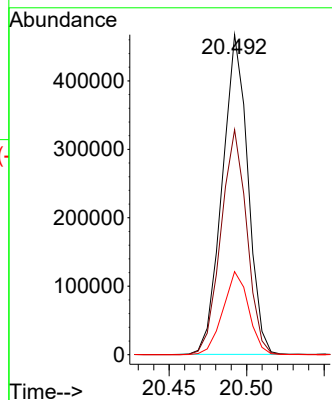
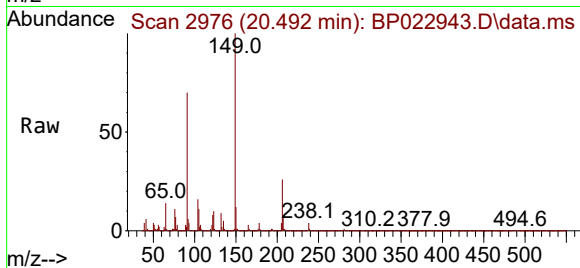
Tgt Ion:149 Resp: 537660

Ion Ratio Lower Upper

149 100

91 70.3 55.6 83.4

206 26.0 20.2 30.2



#84

3,3'-Dichlorobenzidine

Concen: 38.244 ng/ul

RT: 21.369 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

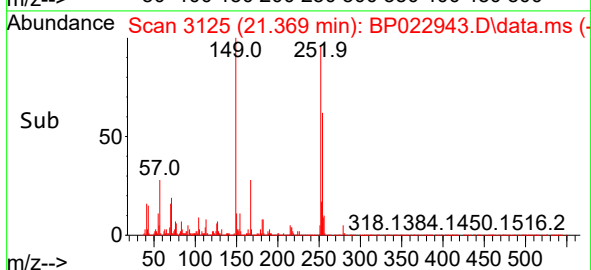
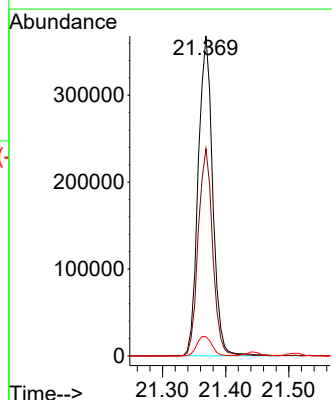
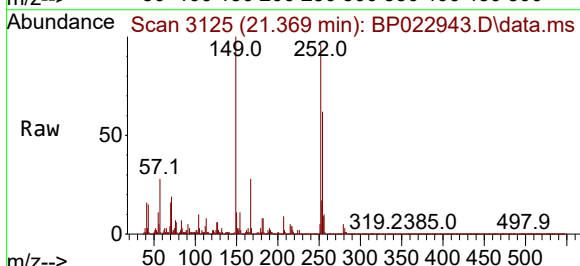
Tgt Ion:252 Resp: 585181

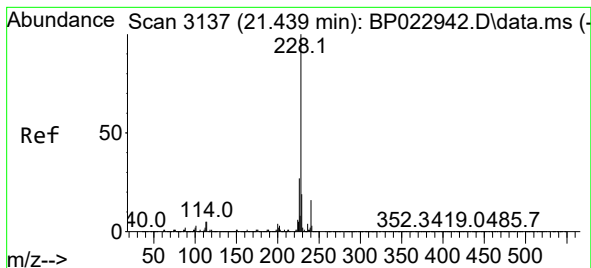
Ion Ratio Lower Upper

252 100

254 64.7 52.0 78.0

126 6.0 5.0 7.6





#85

Benzo(a)anthracene

Concen: 36.184 ng/ul

RT: 21.445 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

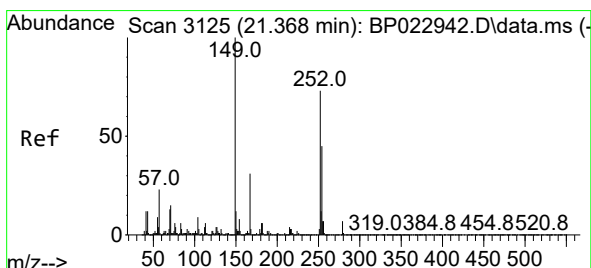
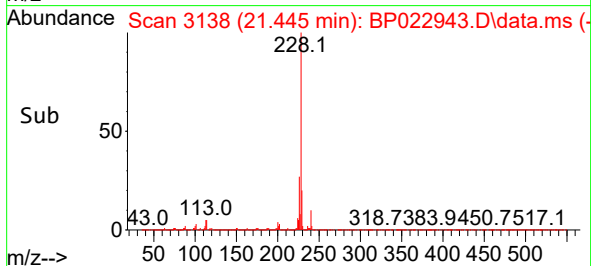
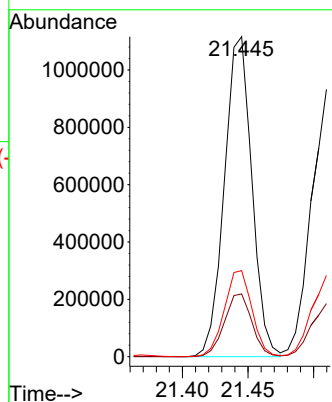
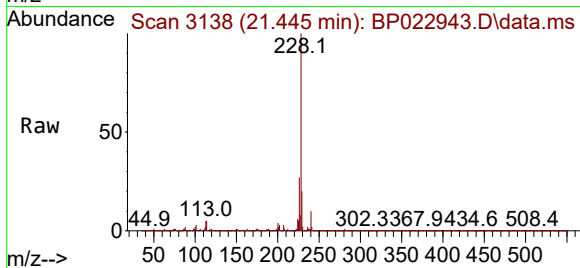
Tgt Ion:228 Resp: 1628271

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.160 ng/ul

RT: 21.375 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

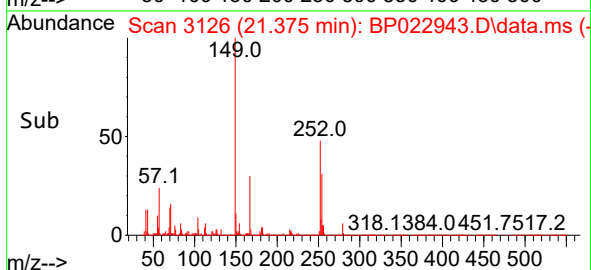
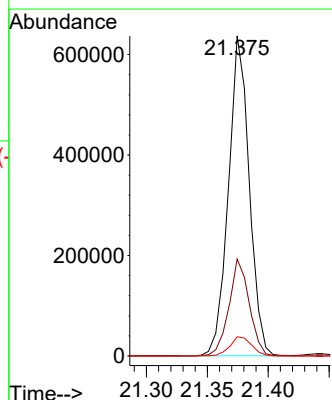
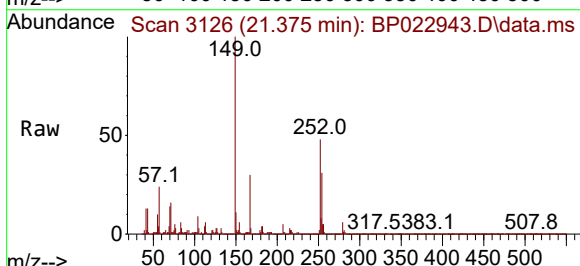
Tgt Ion:149 Resp: 755823

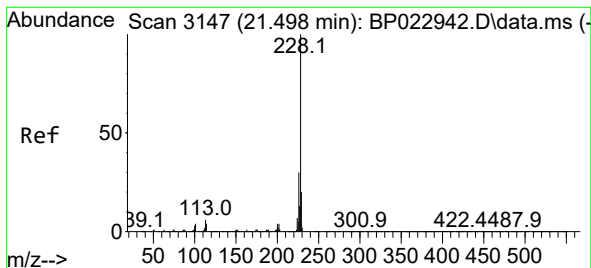
Ion Ratio Lower Upper

149 100

167 30.3 24.5 36.7

279 6.0 5.5 8.3





#87

Chrysene

Concen: 36.113 ng/ul

RT: 21.510 min Scan# 3149

Delta R.T. 0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

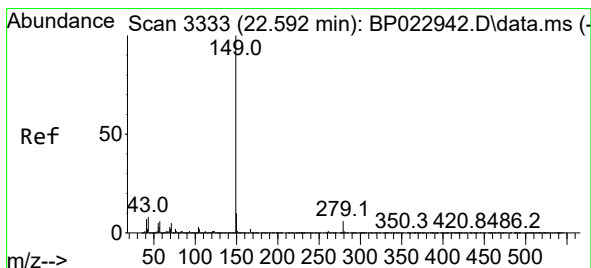
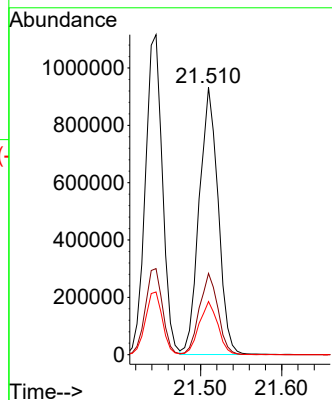
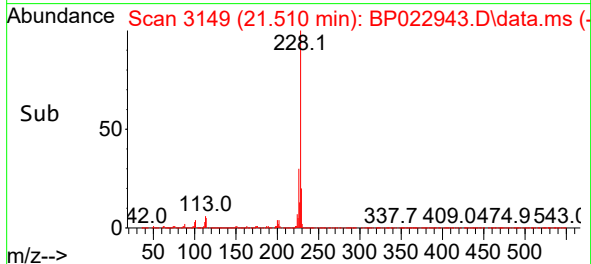
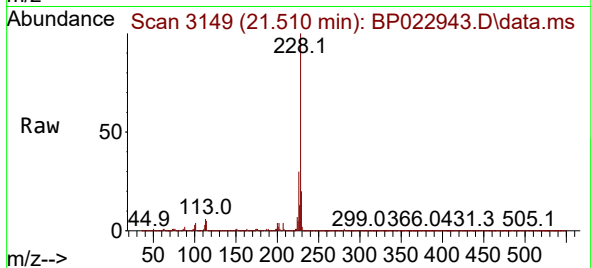
Tgt Ion:228 Resp: 1506823

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.9 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 35.801 ng/ul

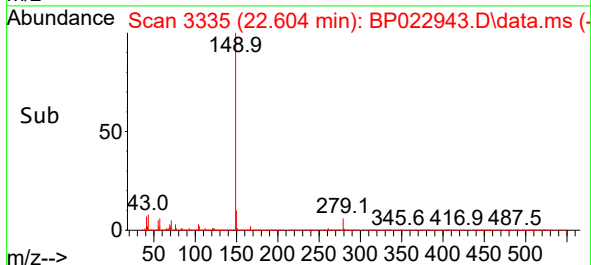
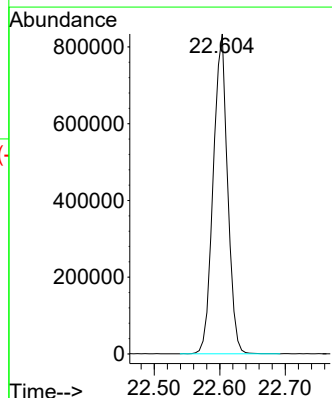
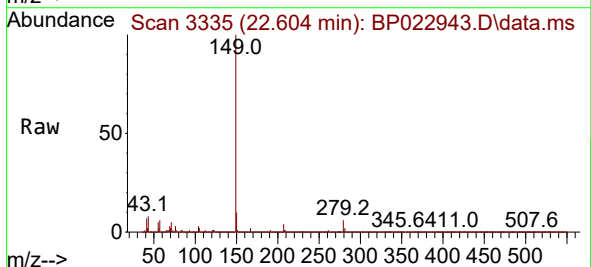
RT: 22.604 min Scan# 3335

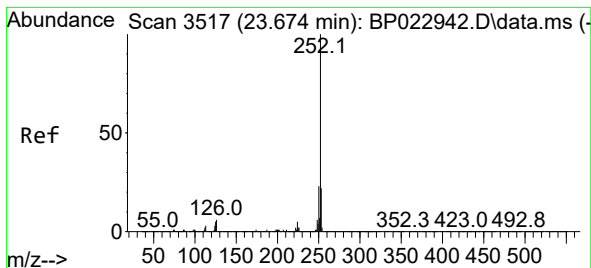
Delta R.T. 0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Tgt Ion:149 Resp: 1267542





#90

Benzo(b)fluoranthene

Concen: 36.570 ng/ul

RT: 23.674 min Scan# 3517

Delta R.T. 0.000 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

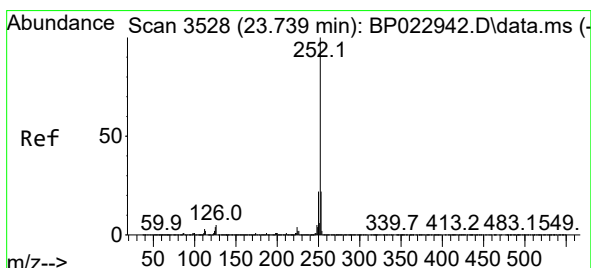
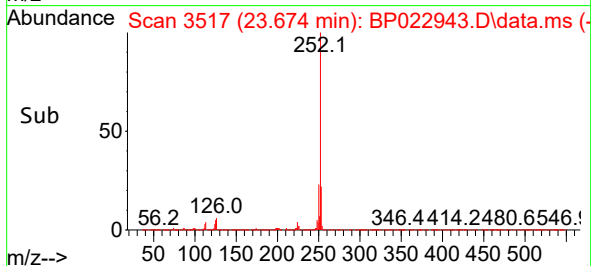
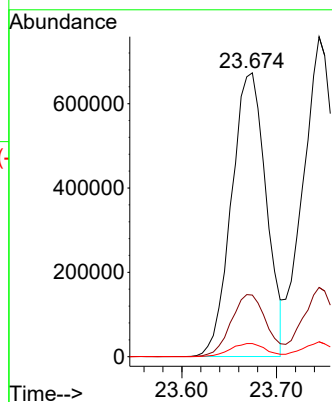
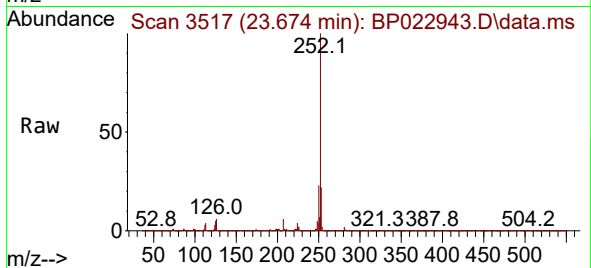
Tgt Ion:252 Resp: 1713380

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 4.6 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 38.101 ng/ul

RT: 23.745 min Scan# 3529

Delta R.T. 0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

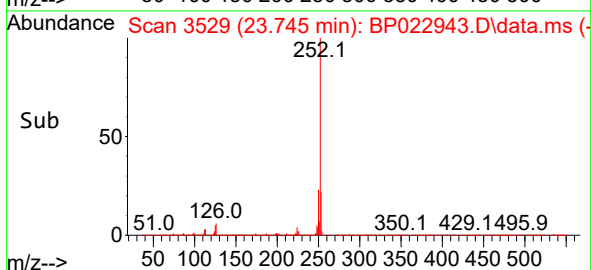
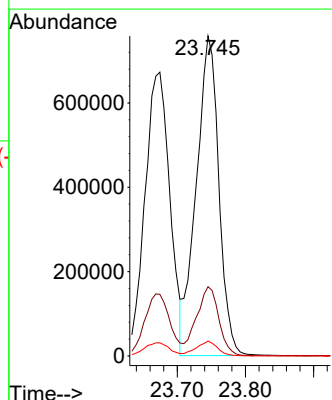
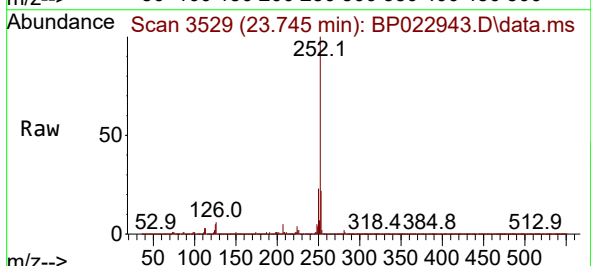
Tgt Ion:252 Resp: 1747737

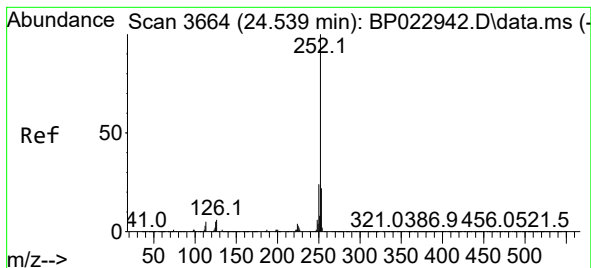
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 4.7 3.0 4.4#





#93

Benzo(a)pyrene

Concen: 36.610 ng/ul

RT: 24.545 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

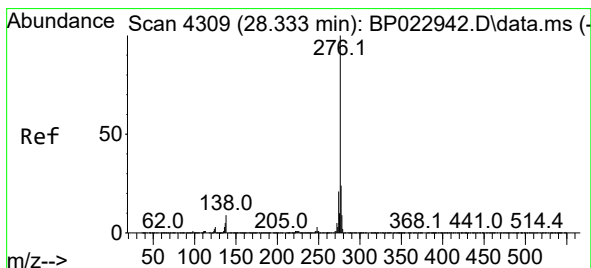
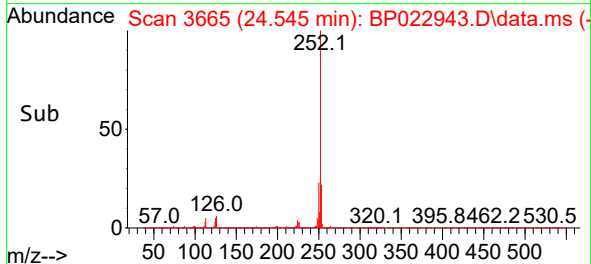
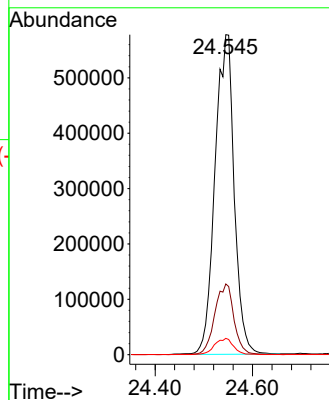
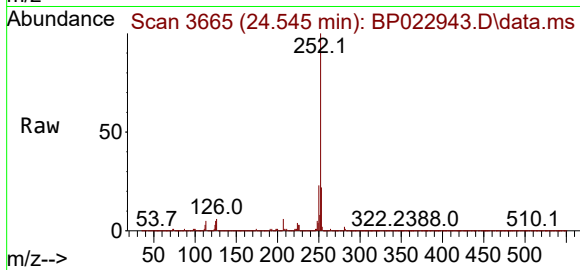
Tgt Ion:252 Resp: 1578672

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 5.1 4.2 6.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.649 ng/ul

RT: 28.356 min Scan# 4313

Delta R.T. 0.012 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

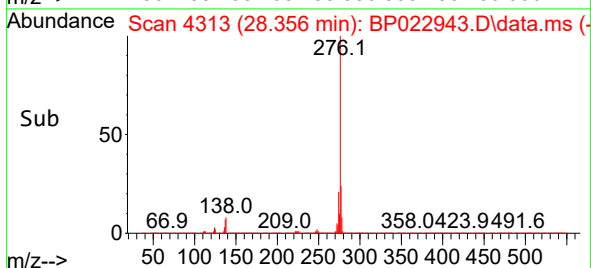
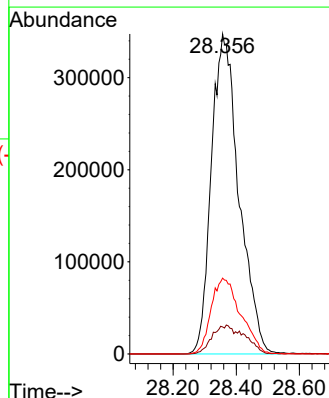
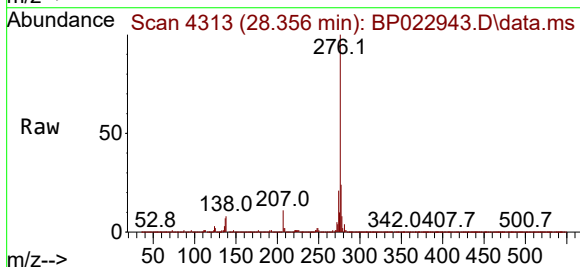
Tgt Ion:276 Resp: 2108871

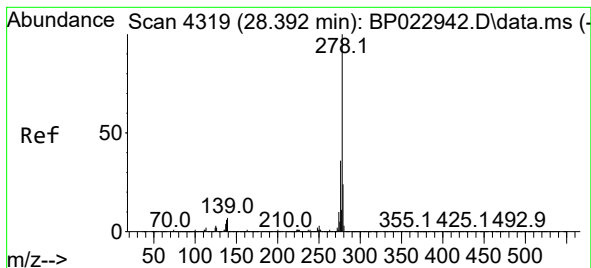
Ion Ratio Lower Upper

276 100

138 8.4 7.0 10.4

277 23.7 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 36.450 ng/ul

RT: 28.421 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Instrument :

BNA_P

ClientSampleId :

SSTD040631

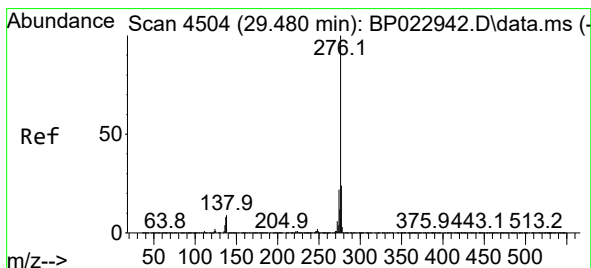
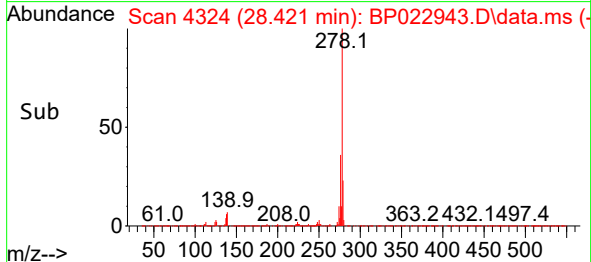
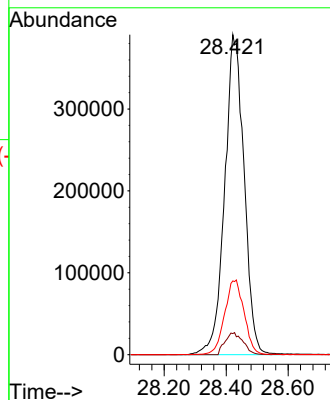
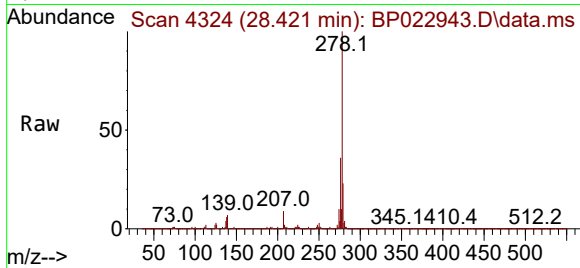
Tgt Ion:278 Resp: 1698460

Ion Ratio Lower Upper

278 100

139 6.6 5.4 8.0

279 23.1 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 19.208 ng/ul

RT: 29.474 min Scan# 4503

Delta R.T. -0.006 min

Lab File: BP022943.D

Acq: 08 Nov 2024 21:36

Tgt Ion:276 Resp: 859705

Ion Ratio Lower Upper

276 100

138 9.4 7.1 10.7

277 23.9 19.4 29.2

