Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019932.D
Acq On : 29 Feb 2024 12:15
Operator : MA/JU
Sample : PB159345BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 29 12:51:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 29 12:18:35 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	101853	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	419490	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	298215	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	682314	20.000	ng		0.00
76) Chrysene-d12	21.428	240	524513	20.000	ng		0.00
86) Perylene-d12	23.863	264	515135	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	904640	145.784	ng		0.00
7) Phenol-d6	7.093	99	1241012	134.325	ng		0.00
23) Nitrobenzene-d5	9.087	82	819140	78.833	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	755256	147.703	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	2045356	92.668	ng		0.00
79) Terphenyl-d14	19.892	244	3373888	101.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	70075	32.649	ng		100
3) Pyridine	3.781	79	196561	29.942	ng		97
4) n-Nitrosodimethylamine	3.705	42	118774	43.906	ng		100
6) Aniline	7.246	93	276339	24.382	ng		97
8) 2-Chlorophenol	7.475	128	333042	49.771	ng		99
9) Benzaldehyde	7.058	77	57577m	10.918	ng		
10) Phenol	7.122	94	440859	47.854	ng		95
11) bis(2-Chloroethyl)ether	7.346	93	302499	41.691	ng		98
12) 1,3-Dichlorobenzene	7.793	146	342267	47.111	ng		99
13) 1,4-Dichlorobenzene	7.946	146	350894	47.696	ng		100
14) 1,2-Dichlorobenzene	8.258	146	342086	46.353	ng		100
15) Benzyl Alcohol	8.164	79	357347	43.843	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	300325m	38.767	ng		
17) 2-Methylphenol	8.369	107	297554	43.187	ng		97
18) Hexachloroethane	8.975	117	131800	46.232	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	273951	39.251	ng		98
20) 3+4-Methylphenols	8.699	107	410046	41.419	ng		98
22) Acetophenone	8.752	105	523156	40.155	ng	#	99
24) Nitrobenzene	9.128	77	408500	40.608	ng		98
25) Isophorone	9.658	82	747480	41.330	ng		99
26) 2-Nitrophenol	9.834	139	193042	47.959	ng		97
27) 2,4-Dimethylphenol	9.899	122	268488	40.405	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	426776	42.284	ng		99
29) 2,4-Dichlorophenol	10.375	162	372805	50.299	ng		96
30) 1,2,4-Trichlorobenzene	10.575	180	387061	47.535	ng		100
31) Naphthalene	10.769	128	995300	44.313	ng		99
32) Benzoic acid	10.110	122	259743	46.137	ng		97
33) 4-Chloroaniline	10.893	127	197358	19.341	ng		98
34) Hexachlorobutadiene	11.028	225	278649	47.058	ng		98
35) Caprolactam	11.734	113	112188m	41.045	ng		
36) 4-Chloro-3-methylphenol	12.028	107	408254	44.651	ng		100
37) 2-Methylnaphthalene	12.381	142	727580	41.730	ng		98
38) 1-Methylnaphthalene	12.599	142	698174	42.319	ng		96
40) 1,2,4,5-Tetrachloroben...	12.746	216	515272	50.583	ng		98
41) Hexachlorocyclopentadiene	12.704	237	538919	102.172	ng		98
43) 2,4,6-Trichlorophenol	12.993	196	346805	51.562	ng		98

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	382479	47.738	ng	97
46) 1,1'-Biphenyl	13.393	154	1022688	47.896	ng	100
47) 2-Chloronaphthalene	13.434	162	819277	49.433	ng	99
48) 2-Nitroaniline	13.657	65	265721	44.361	ng	95
49) Acenaphthylene	14.281	152	1312359	48.876	ng	99
50) Dimethylphthalate	14.034	163	1090097	44.778	ng	99
51) 2,6-Dinitrotoluene	14.157	165	242879	46.356	ng	98
52) Acenaphthene	14.622	154	727470	45.122	ng	99
53) 3-Nitroaniline	14.487	138	161344	31.109	ng	100
54) 2,4-Dinitrophenol	14.710	184	337217	98.735	ng	98
55) Dibenzofuran	14.963	168	1276936	46.409	ng	98
56) 4-Nitrophenol	14.816	139	368731	90.885	ng	96
57) 2,4-Dinitrotoluene	14.951	165	343453	46.059	ng	97
58) Fluorene	15.610	166	1044769	46.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	350776	47.719	ng	97
60) Diethylphthalate	15.398	149	1066919	44.362	ng	98
61) 4-Chlorophenyl-phenyle...	15.610	204	605012	47.407	ng	96
62) 4-Nitroaniline	15.657	138	224993m	41.650	ng	
63) Azobenzene	15.904	77	976665	43.622	ng	98
65) 4,6-Dinitro-2-methylph...	15.722	198	218652	47.214	ng	98
66) n-Nitrosodiphenylamine	15.834	169	914292	46.699	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	401694	47.613	ng	98
68) Hexachlorobenzene	16.616	284	466594	51.282	ng	97
69) Atrazine	16.798	200	331621	40.481	ng	100
70) Pentachlorophenol	16.969	266	606879	90.239	ng	99
71) Phenanthrene	17.363	178	1637073	44.950	ng	100
72) Anthracene	17.457	178	1648691	44.346	ng	100
73) Carbazole	17.734	167	1437165	43.646	ng	99
74) Di-n-butylphthalate	18.287	149	1759742	42.731	ng	100
75) Fluoranthene	19.334	202	1889343	39.973	ng	99
77) Benzidine	19.522	184	454714	30.180	ng	100
78) Pyrene	19.686	202	1881026	52.197	ng	100
80) Butylbenzylphthalate	20.569	149	661497	45.903	ng	100
81) Benzo(a)anthracene	21.410	228	1729047	46.440	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	515793	36.121	ng	99
83) Chrysene	21.463	228	1595331	45.728	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	919501	44.449	ng	100
85) Di-n-octyl phthalate	22.280	149	1527132	44.358	ng	100
87) Indeno(1,2,3-cd)pyrene	26.433	276	1673391	46.142	ng	99
88) Benzo(b)fluoranthene	23.122	252	1619313	51.273	ng	99
89) Benzo(k)fluoranthene	23.169	252	1544669	49.870	ng	99
90) Benzo(a)pyrene	23.757	252	1413688	46.839	ng	99
91) Dibenzo(a,h)anthracene	26.457	278	1409488	46.232	ng	98
92) Benzo(g,h,i)perylene	27.215	276	1282626	43.581	ng	98

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

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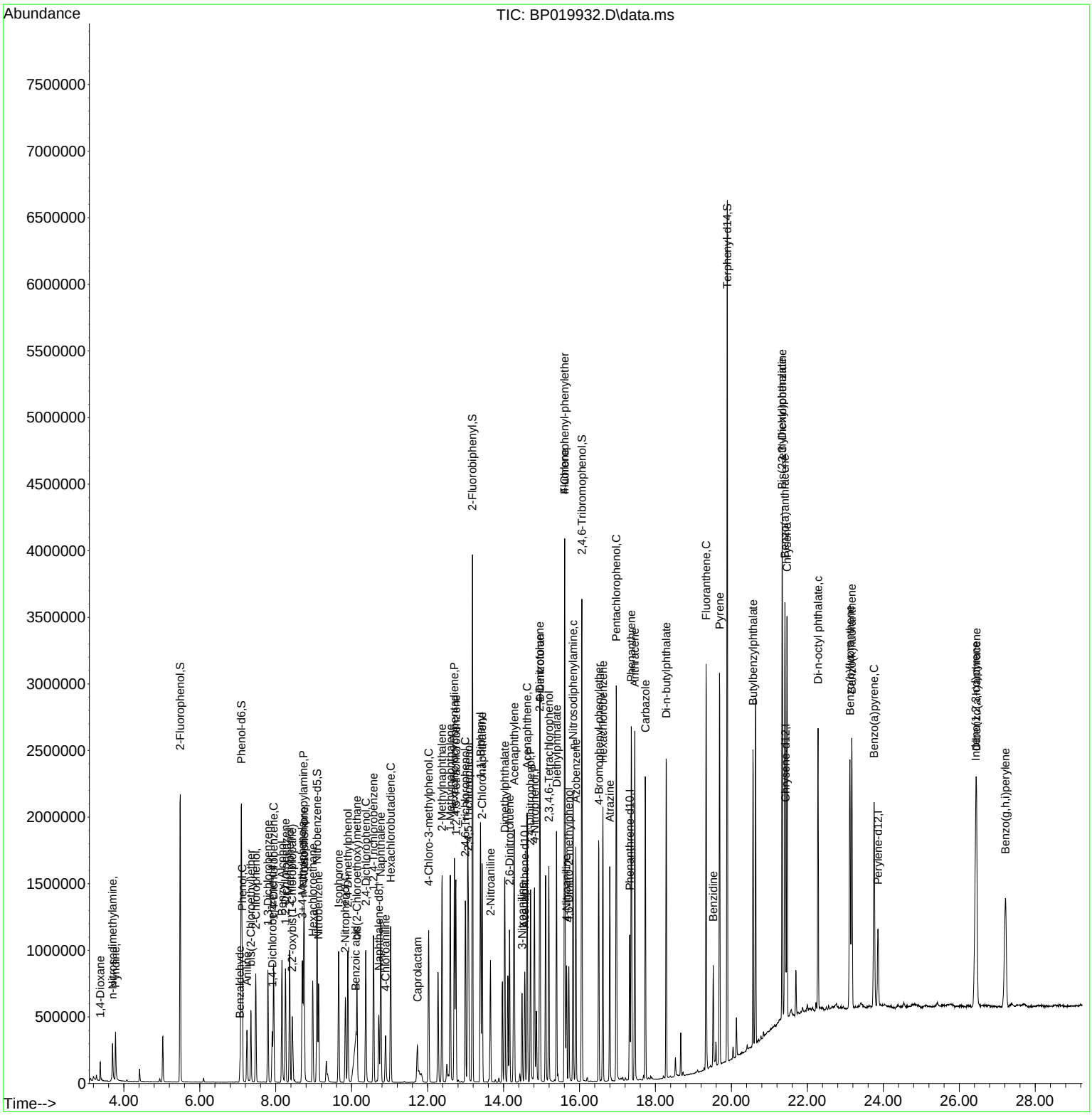
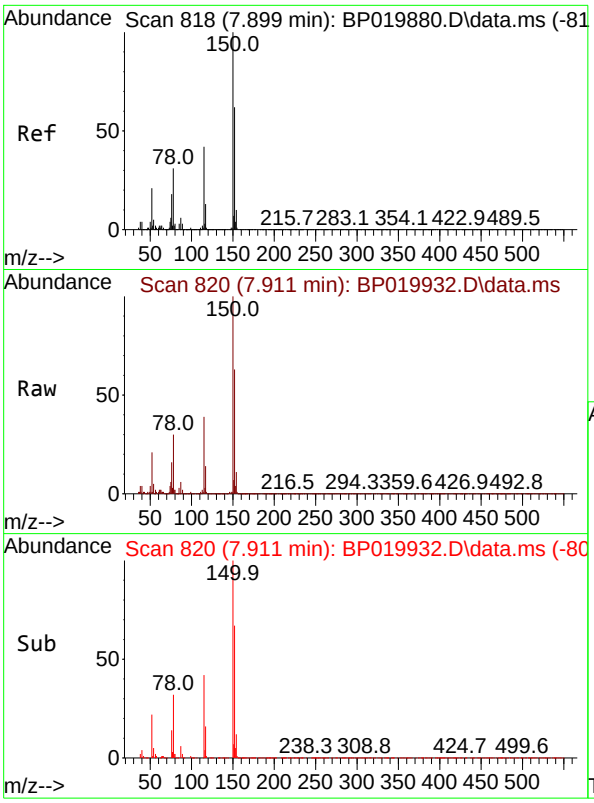
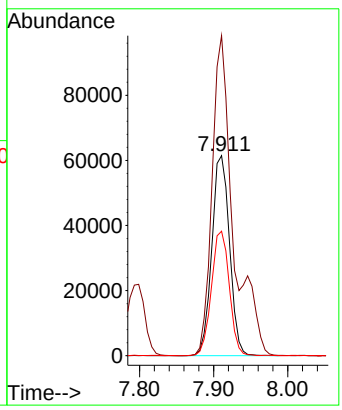




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 8
Delta R.T. 0.001 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:152 Resp: 10185

Ion	Ratio	Lower	Upper
152	100		
150	159.9	128.6	192.8
115	62.2	53.4	80.2



Instrument :
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Manual Integrations
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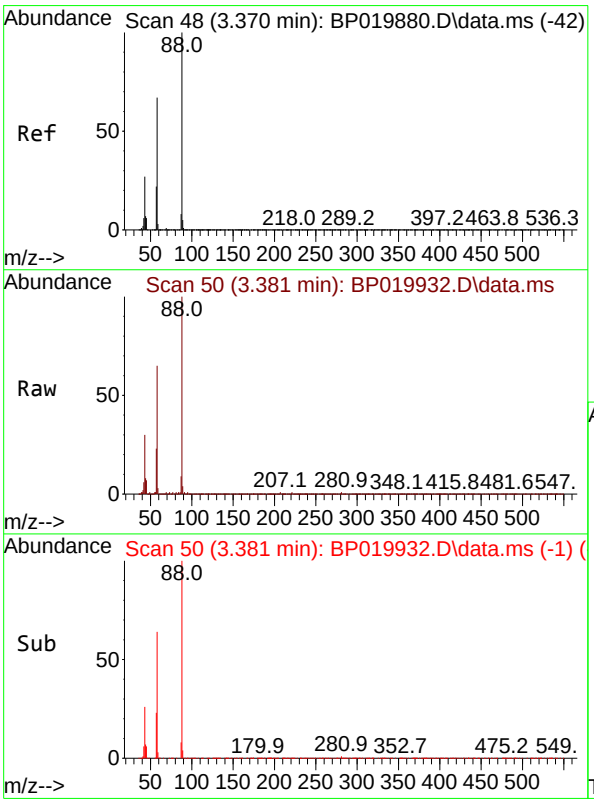
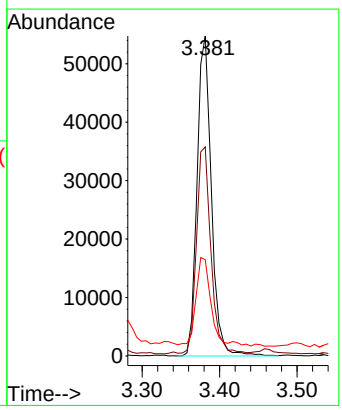
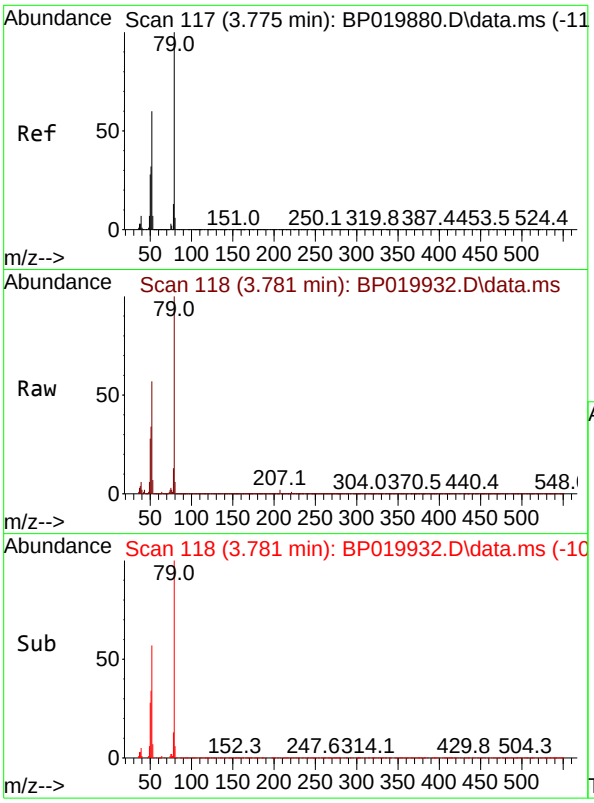


#2
1,4-Dioxane
Concen: 32.649 ng
RT: 3.381 min Scan# 50
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 88 Resp: 70075

Ion	Ratio	Lower	Upper
88	100		
58	65.4	52.0	78.0
43	27.2	21.6	32.4





#3
Pyridine
Concen: 29.942 ng
RT: 3.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Tgt Ion: 79 Resp: 19656

Ion	Ratio	Lower	Upper
79	100		
52	57.3	47.8	71.8
51	33.8	26.2	39.2

Manual Integrations
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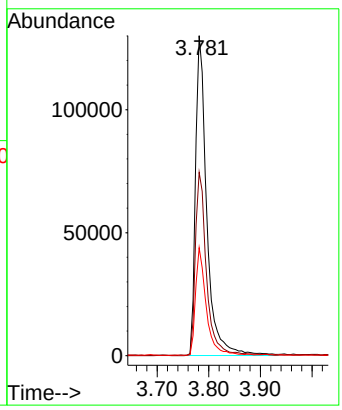
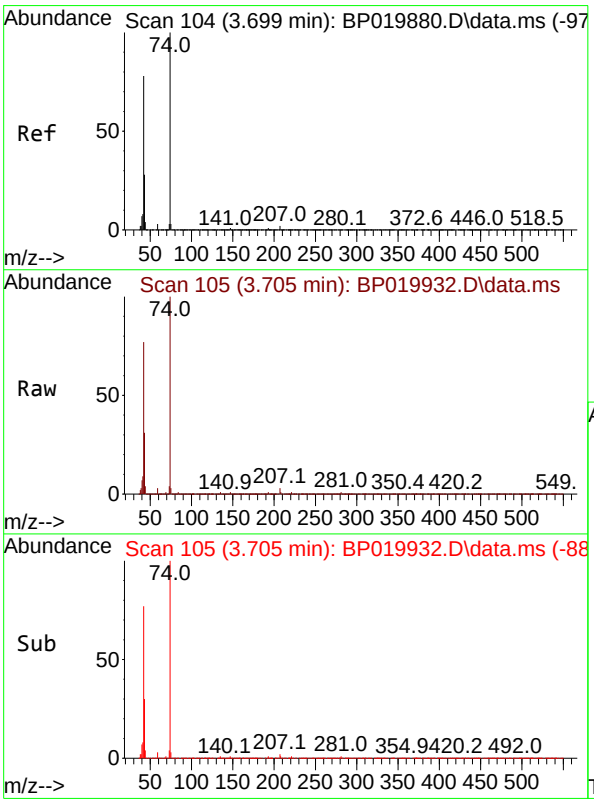
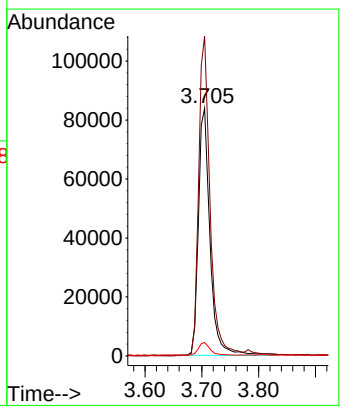


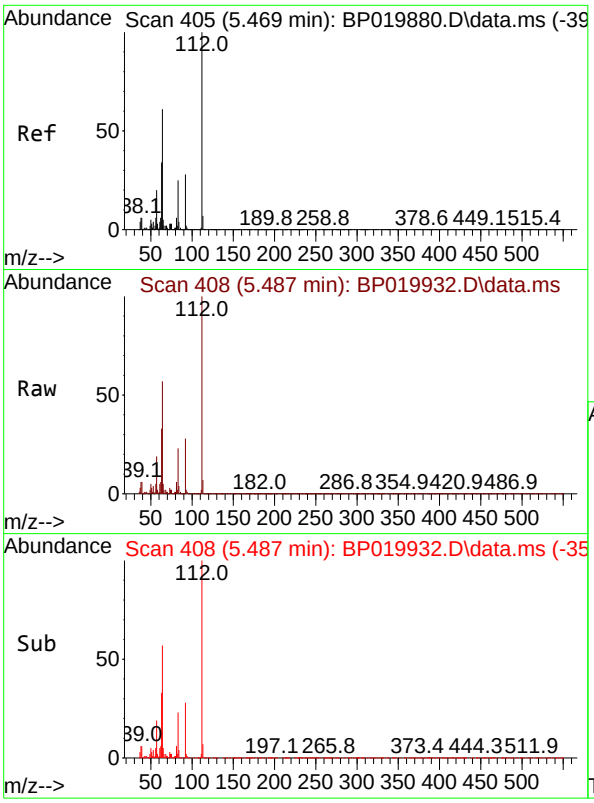


#4
n-Nitrosodimethylamine
Concen: 43.906 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 42 Resp: 118774

Ion	Ratio	Lower	Upper
42	100		
74	129.2	103.0	154.4
44	5.5	4.6	6.8





#5
2-Fluorophenol
Concen: 145.784 ng
RT: 5.487 min Scan# 4(
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Tgt Ion:112 Resp: 90464(

Ion	Ratio	Lower	Upper
112	100		
64	57.1	49.0	73.6
63	32.9	27.6	41.4

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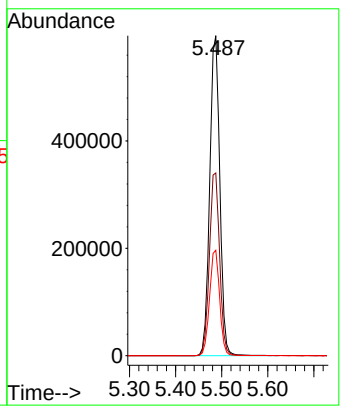
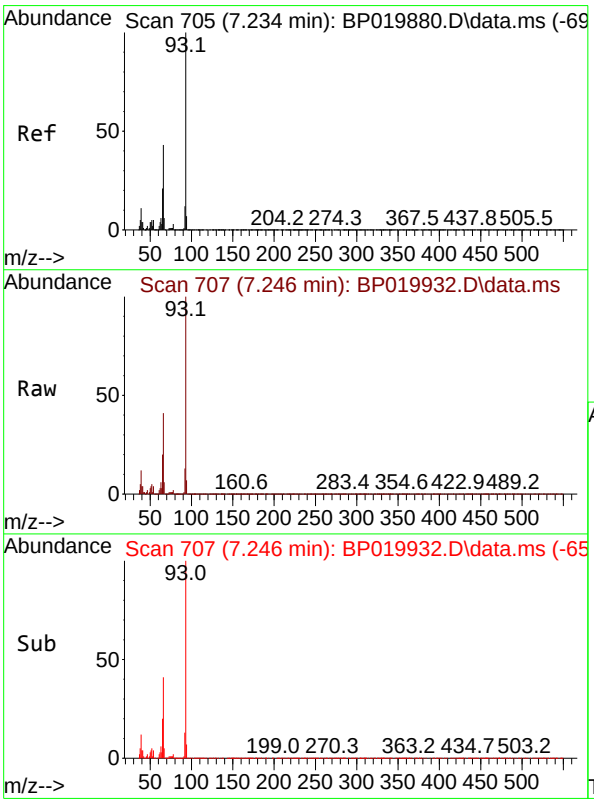
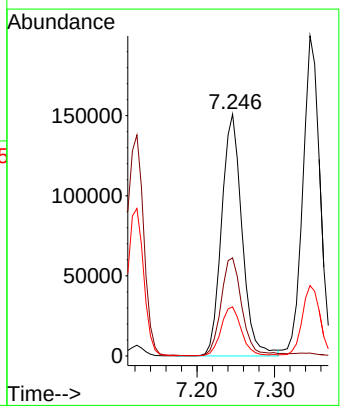


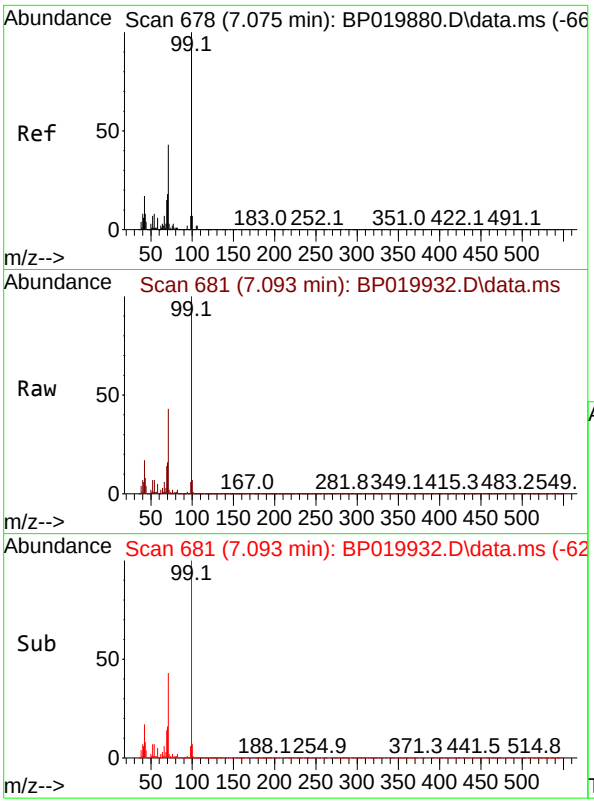


#6
Aniline
Concen: 24.382 ng
RT: 7.246 min Scan# 707
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 93 Resp: 276339

Ion	Ratio	Lower	Upper
93	100		
66	40.6	34.5	51.7
65	20.3	16.5	24.7

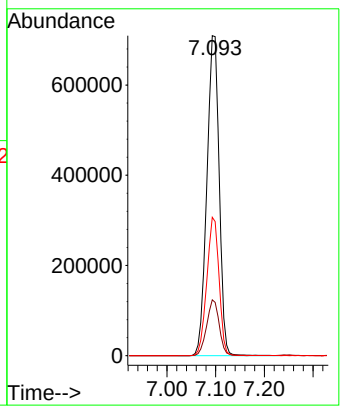




#7
Phenol-d6
Concen: 134.325 ng
RT: 7.093 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 99 Resp: 124101

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	43.3	34.5	51.7



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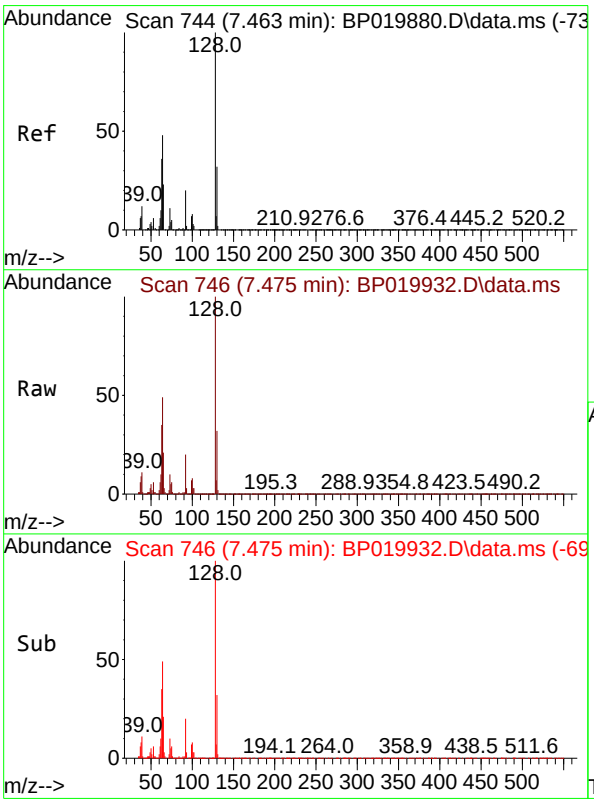
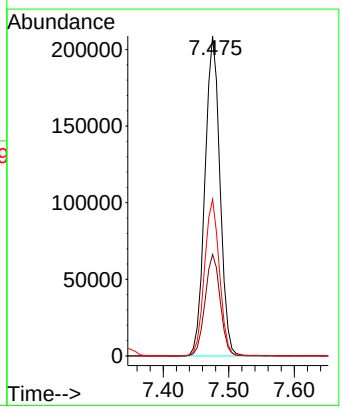
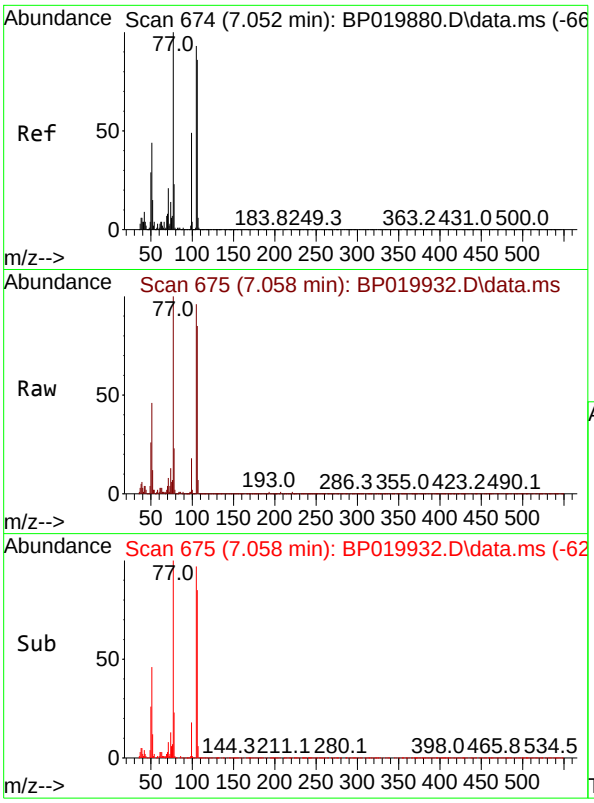


#8
2-Chlorophenol
Concen: 49.771 ng
RT: 7.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:128 Resp: 333042

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	49.0	29.2	69.2

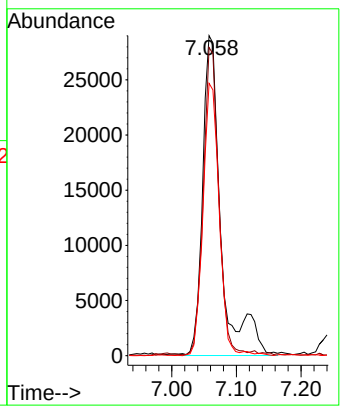




#9
Benzaldehyde
Concen: 10.918 ng m
RT: 7.058 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 77 Resp: 5757

Ion	Ratio	Lower	Upper
77	100		
105	96.3	73.2	113.2
106	85.1	66.3	106.3



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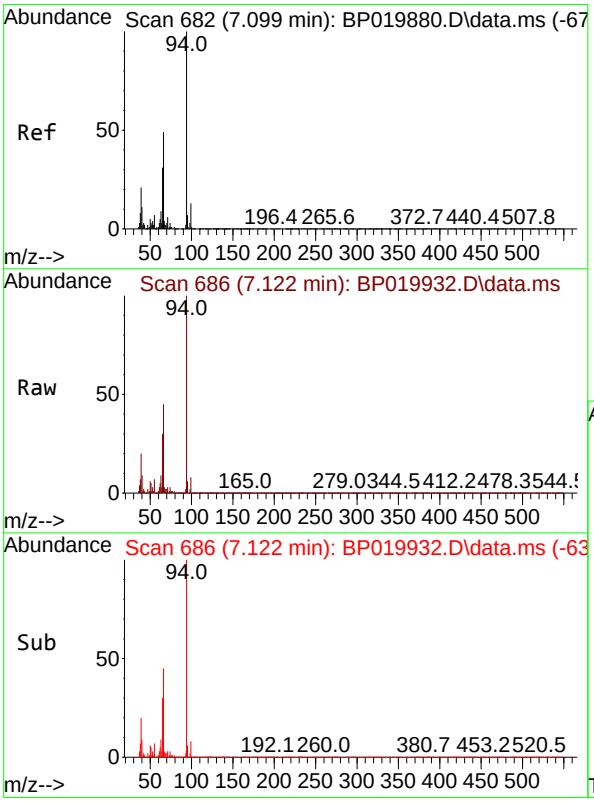
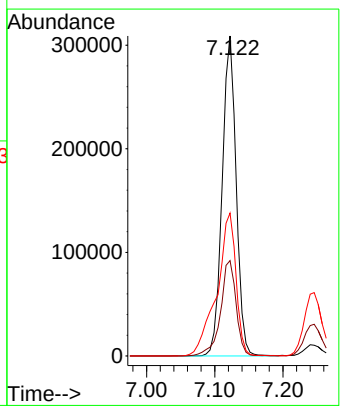
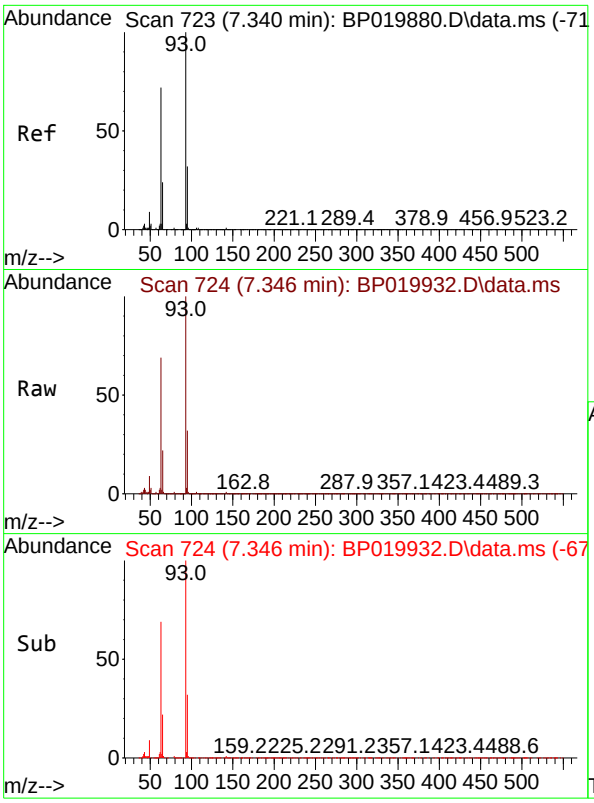


#10
Phenol
Concen: 47.854 ng
RT: 7.122 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 94 Resp: 440859

Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.5	51.5
66	44.6	29.2	69.2





#11
bis(2-Chloroethyl)ether
Concen: 41.691 ng
RT: 7.346 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 93 Resp: 30249

Ion	Ratio	Lower	Upper
93	100		
63	69.3	52.0	92.0
95	31.8	11.6	51.6

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Manual Integrations
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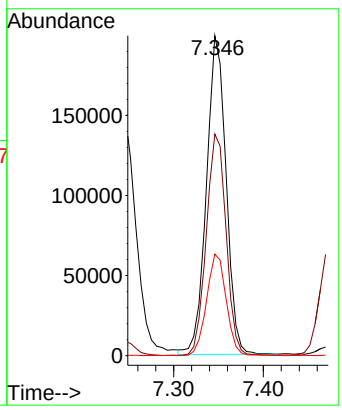
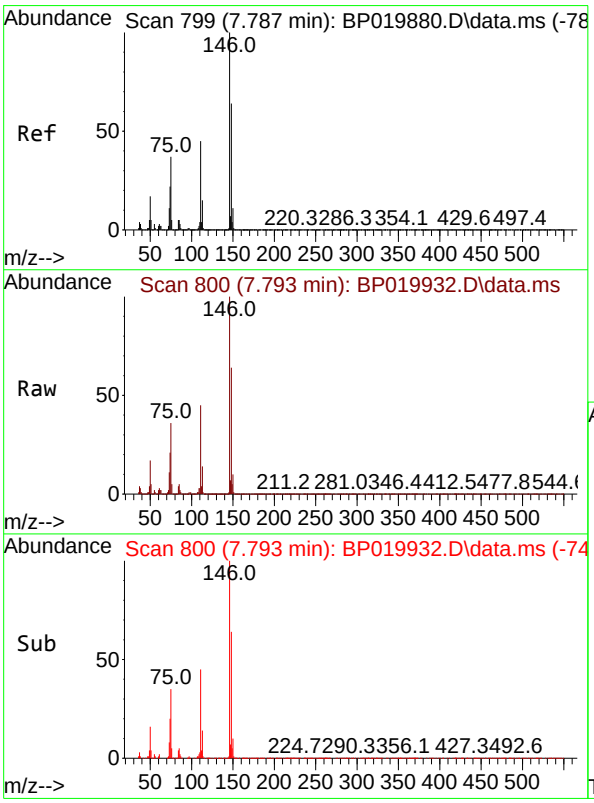
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

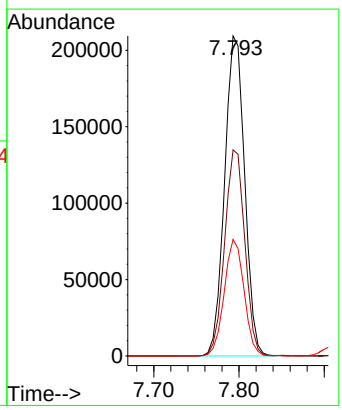


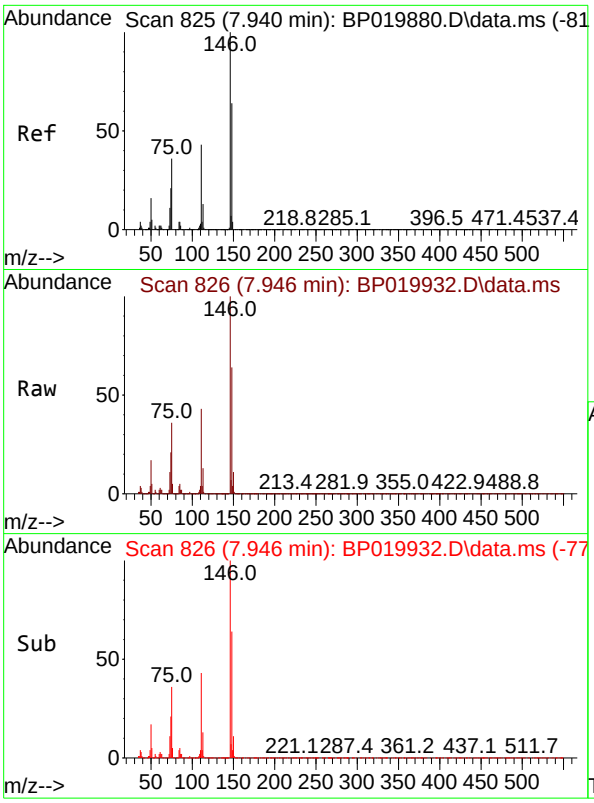


#12
1,3-Dichlorobenzene
Concen: 47.111 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:146 Resp: 342267

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
75	36.4	29.8	44.8

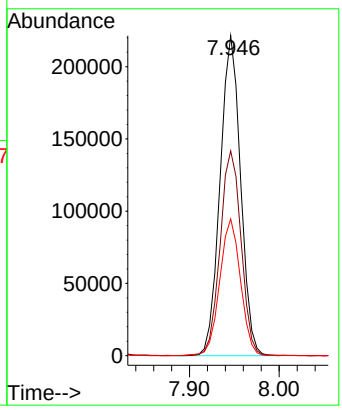




#13
1,4-Dichlorobenzene
Concen: 47.696 ng
RT: 7.946 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:146 Resp: 35089

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	42.8	34.6	52.0



Instrument :
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ClientSampleId :
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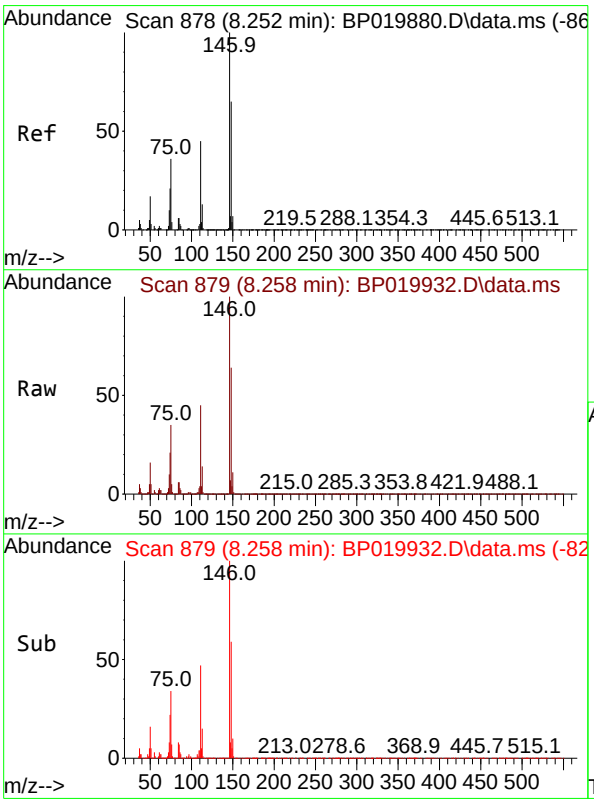
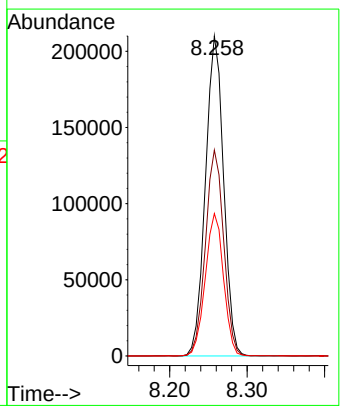
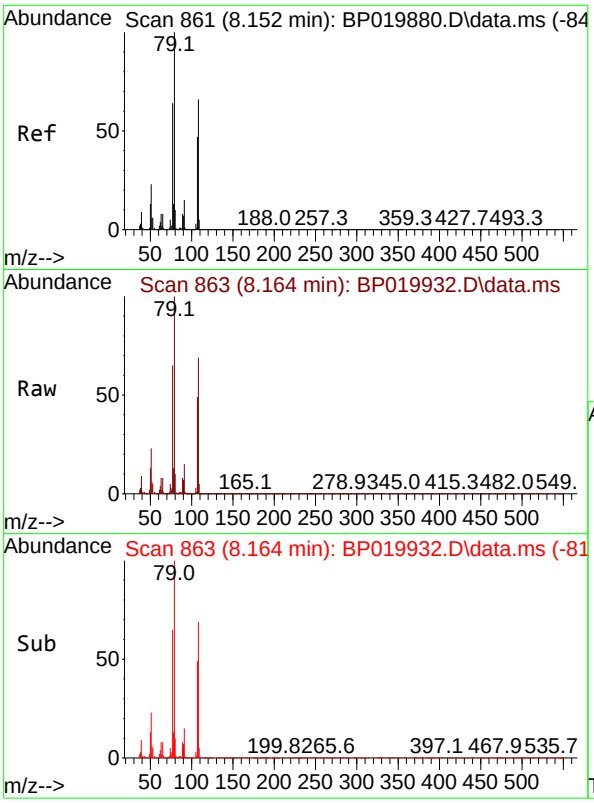


#14
1,2-Dichlorobenzene
Concen: 46.353 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:146 Resp: 342086

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
111	44.5	35.9	53.9





#15
Benzyl Alcohol
Concen: 43.843 ng
RT: 8.164 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 79 Resp: 35734

Ion	Ratio	Lower	Upper
79	100		
108	68.6	52.5	78.7
77	65.0	51.0	76.4

Instrument :
BNA_P
ClientSampleId :
PB159345BS

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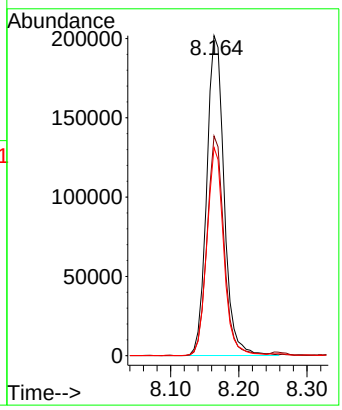
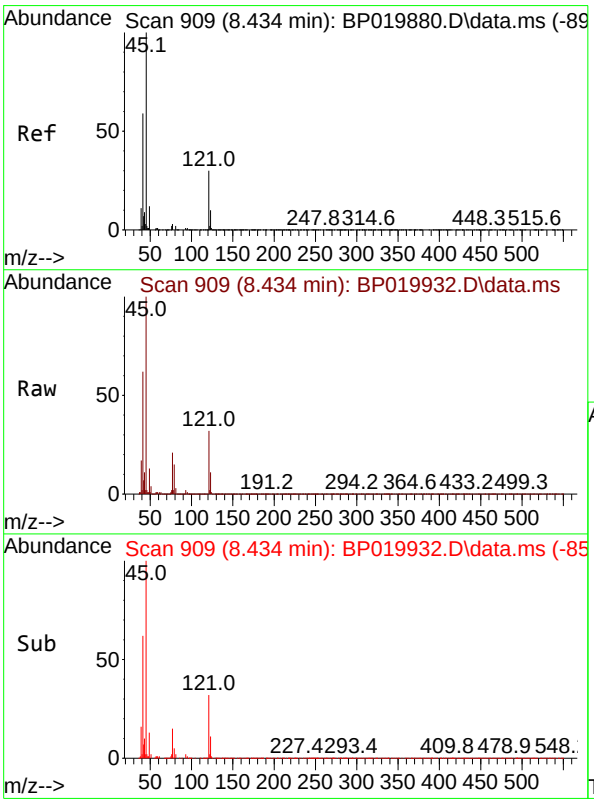
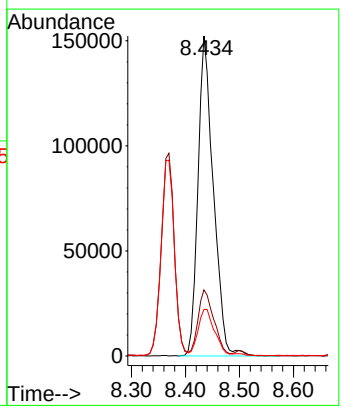


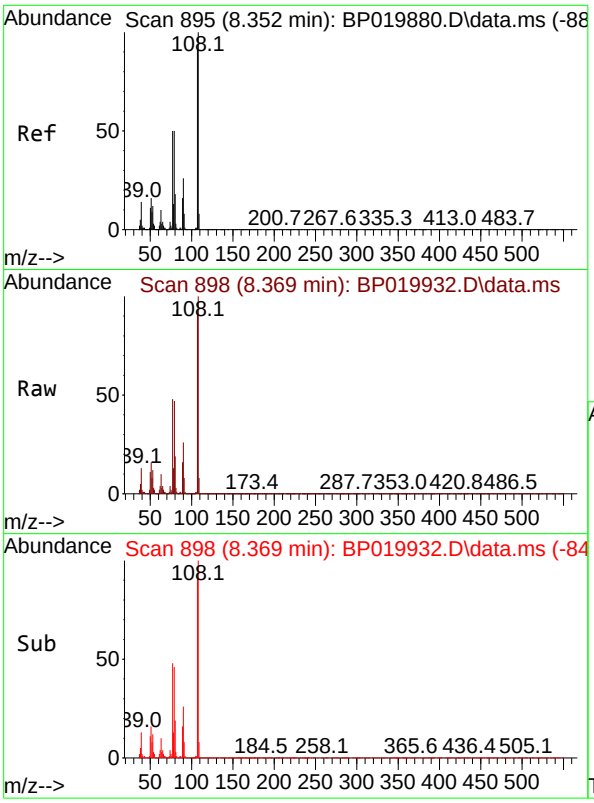


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.767 ng m
RT: 8.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 45 Resp: 300325

Ion	Ratio	Lower	Upper
45	100		
77	20.7	0.8	40.8
79	14.6	0.0	34.7

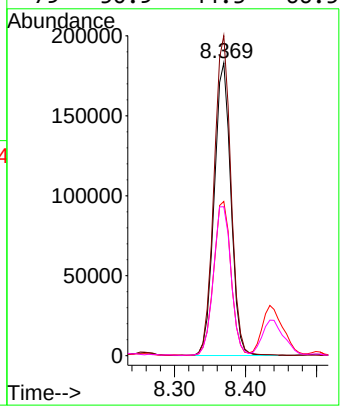




#17
2-Methylphenol
Concen: 43.187 ng
RT: 8.369 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:107 Resp: 29755

Ion	Ratio	Lower	Upper
107	100		
108	109.3	88.4	132.6
77	52.7	43.8	65.8
79	50.9	44.3	66.5



Instrument :
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ClientSampleId :
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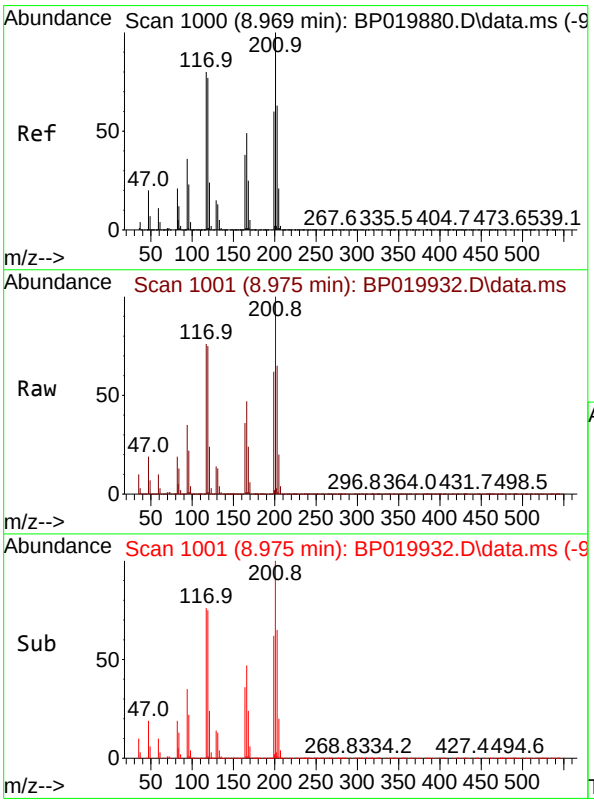
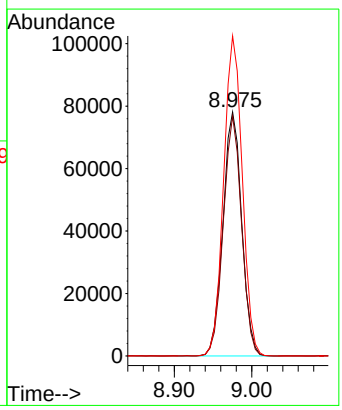
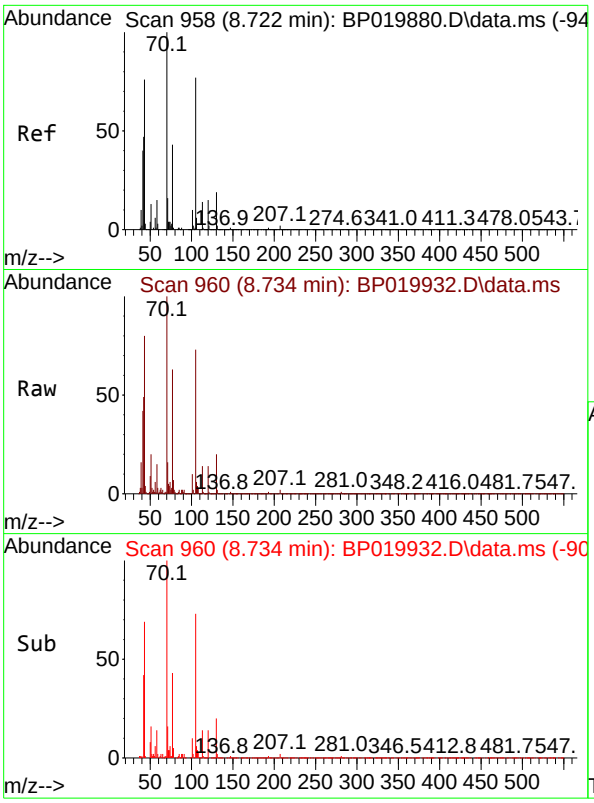


#18
Hexachloroethane
Concen: 46.232 ng
RT: 8.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:117 Resp: 131800

Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.9	115.3
201	131.2	99.6	149.4

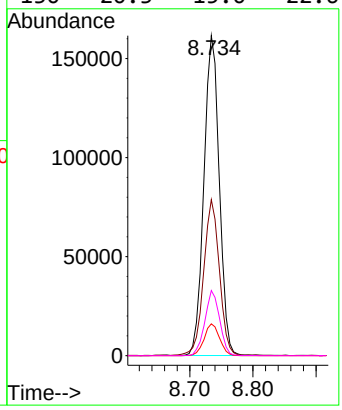




#19
n-Nitroso-di-n-propylamine
Concen: 39.251 ng
RT: 8.734 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 70 Resp: 27395

Ion	Ratio	Lower	Upper
70	100		
42	48.7	38.2	57.2
101	10.0	8.0	12.0
130	20.3	15.0	22.6



Instrument :
BNA_P
ClientSampleId :
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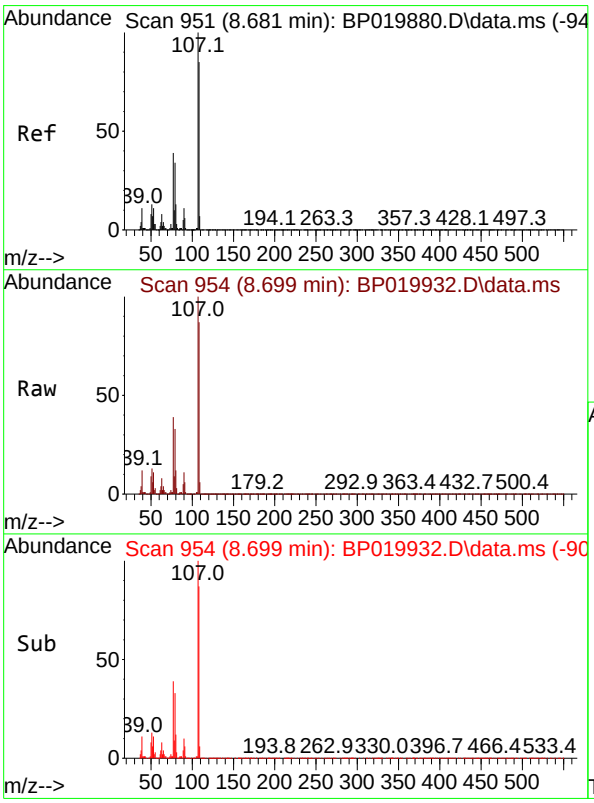
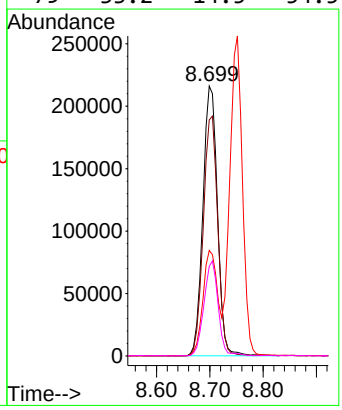
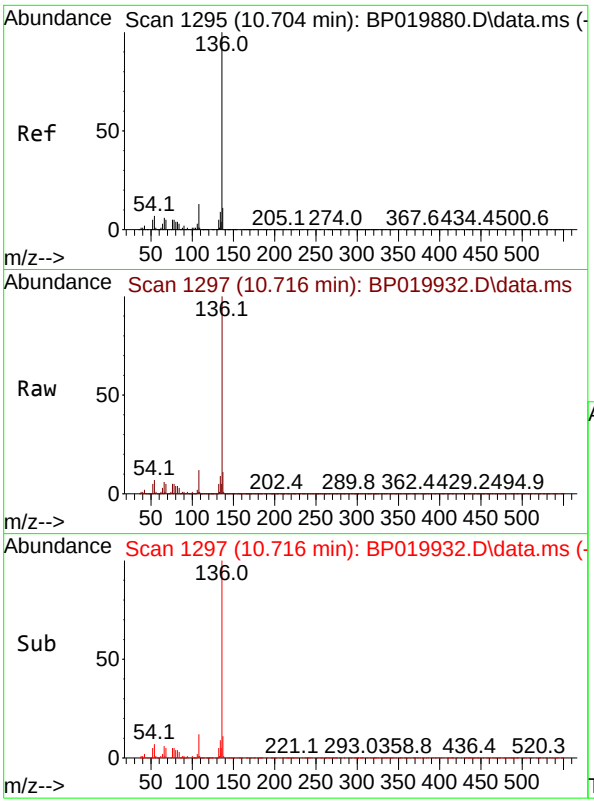


#20
3+4-Methylphenols
Concen: 41.419 ng
RT: 8.699 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:107 Resp: 410046

Ion	Ratio	Lower	Upper
107	100		
108	87.4	64.8	104.8
77	39.0	18.8	58.8
79	33.2	14.5	54.5

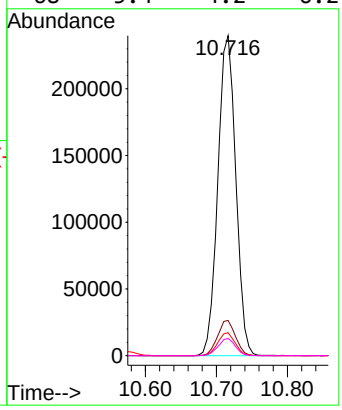




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:136 Resp: 41949

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	6.0	9.0
68	5.4	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
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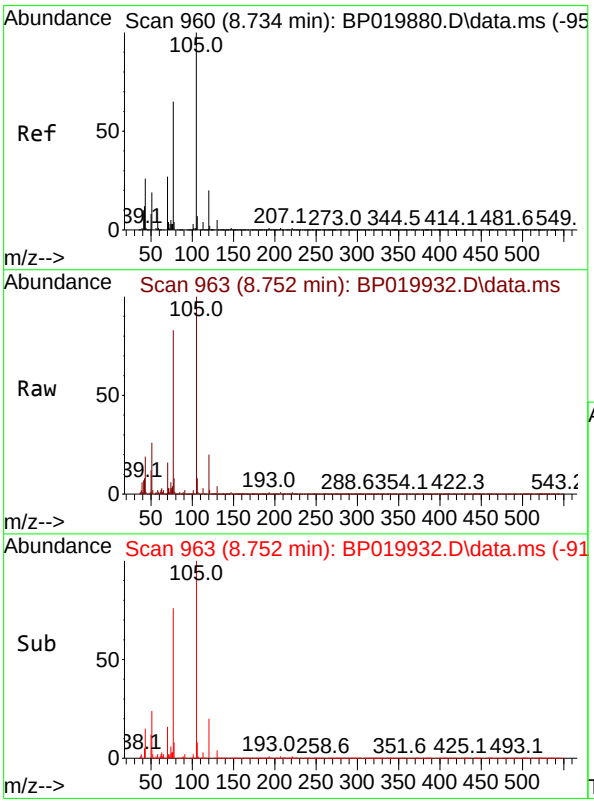
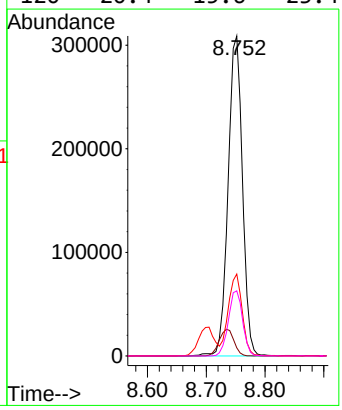
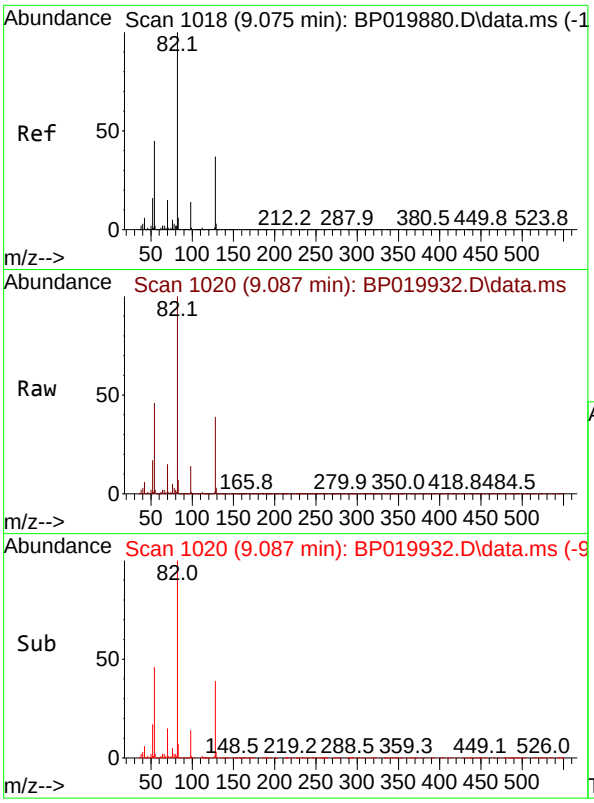


#22
Acetophenone
Concen: 40.155 ng
RT: 8.752 min Scan# 963
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:105 Resp: 523156

Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.7	5.5#
51	25.6	20.5	30.7
120	20.4	15.6	23.4

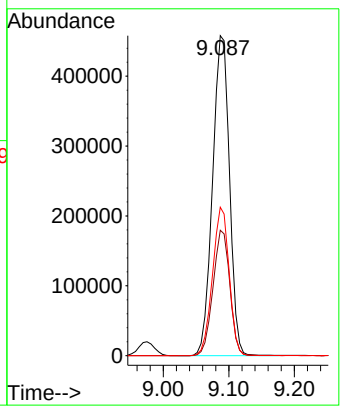




#23
Nitrobenzene-d5
Concen: 78.833 ng
RT: 9.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 82 Resp: 81914

Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.6	44.4
54	46.4	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
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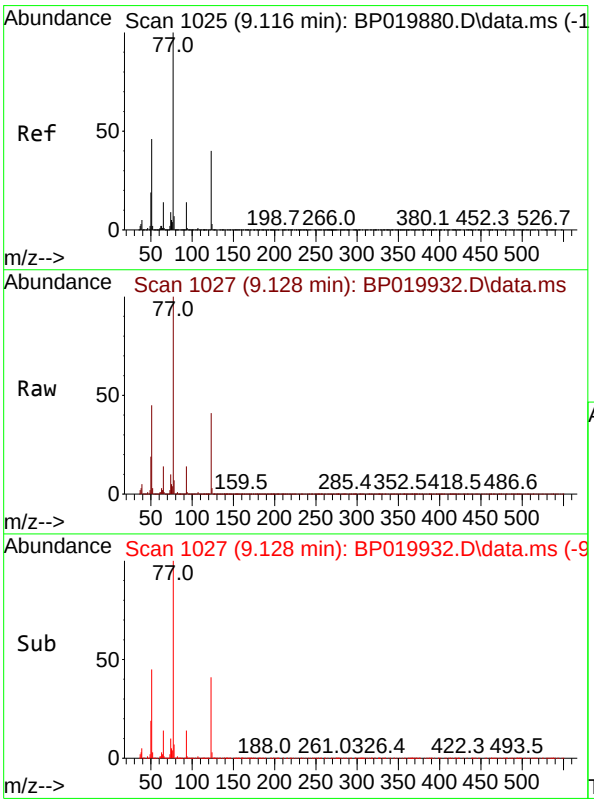
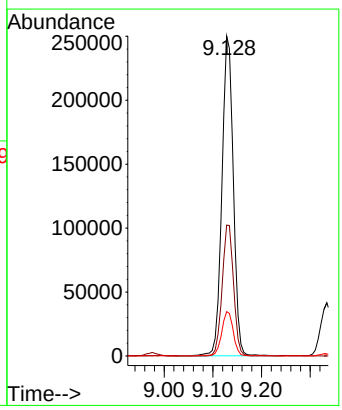
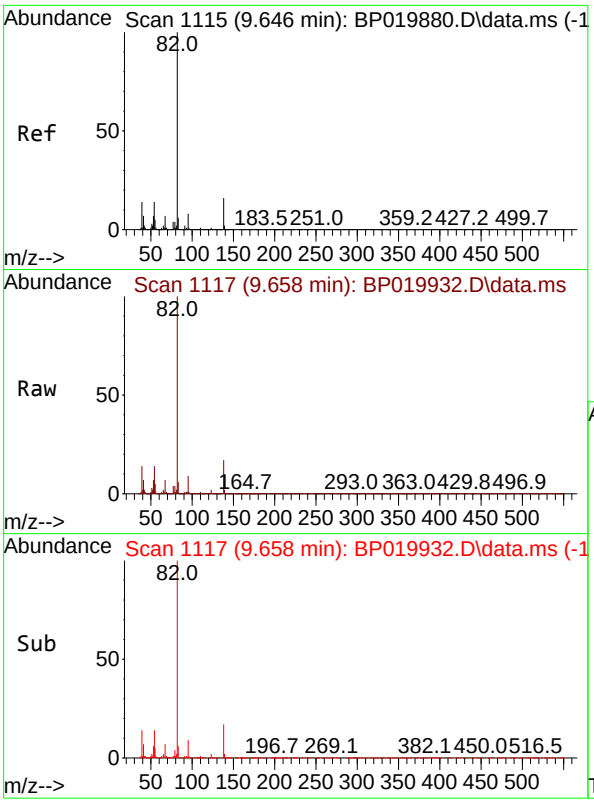


#24
Nitrobenzene
Concen: 40.608 ng
RT: 9.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 77 Resp: 408500

Ion	Ratio	Lower	Upper
77	100		
123	40.9	31.8	47.6
65	13.9	11.0	16.6

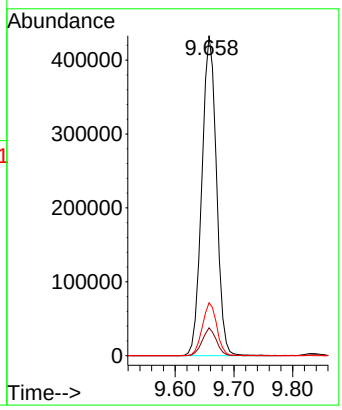




#25
Isophorone
Concen: 41.330 ng
RT: 9.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 82 Resp: 74748

Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.6	10.0
138	16.6	12.8	19.2



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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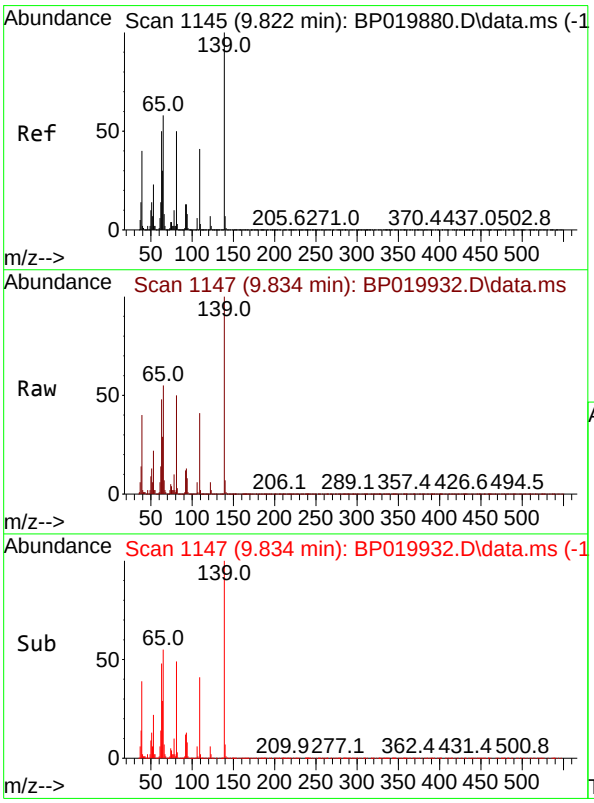
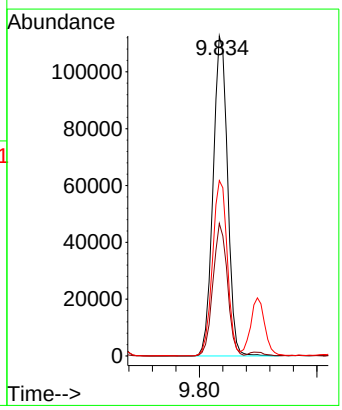
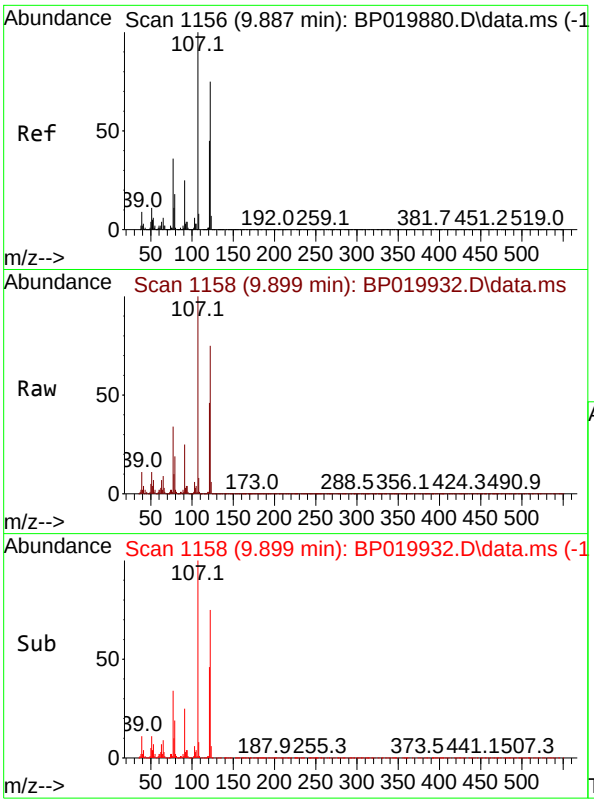


#26
2-Nitrophenol
Concen: 47.959 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:139 Resp: 193042

Ion	Ratio	Lower	Upper
139	100		
109	41.4	32.9	49.3
65	54.8	46.7	70.1

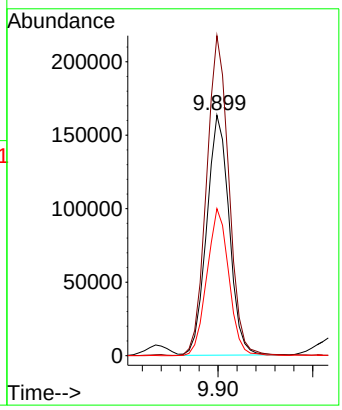




#27
2,4-Dimethylphenol
Concen: 40.405 ng
RT: 9.899 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:122 Resp: 26848

Ion	Ratio	Lower	Upper
122	100		
107	133.1	105.7	158.5
121	61.2	47.5	71.3



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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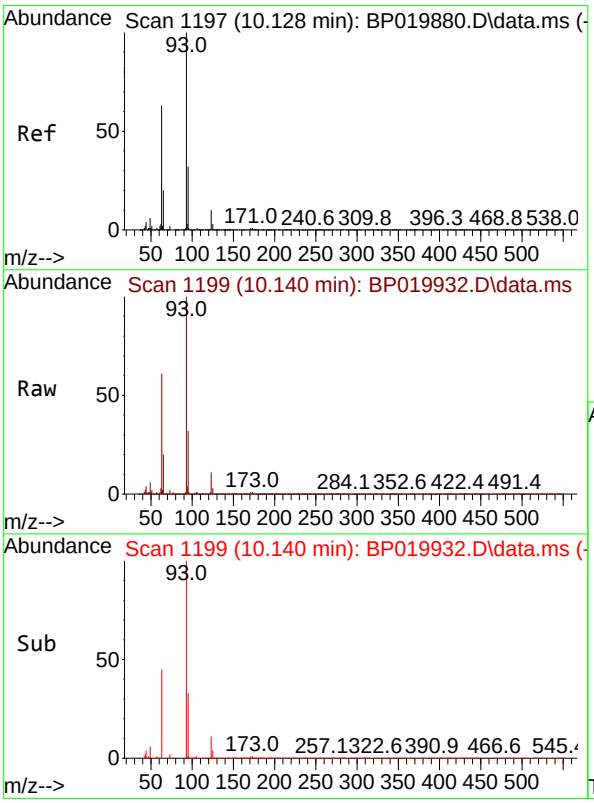
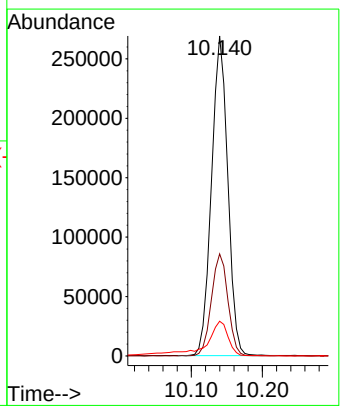
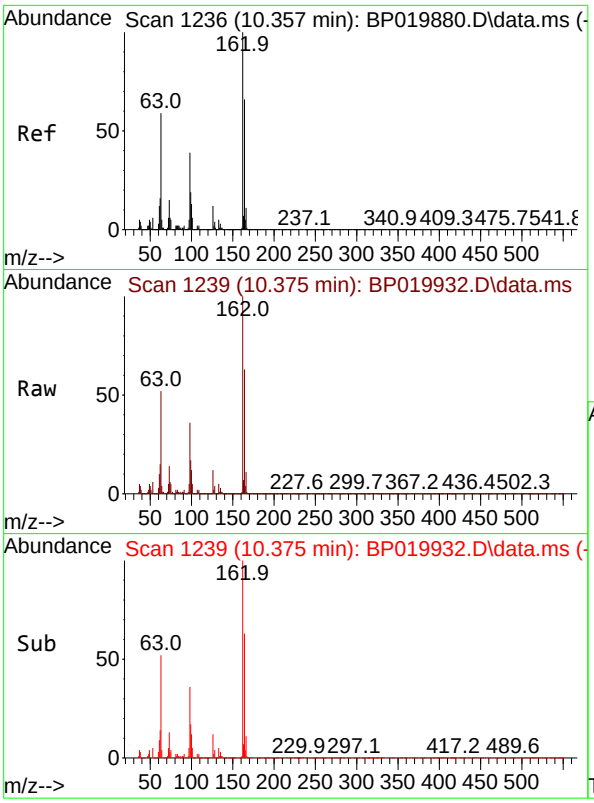


#28
bis(2-Chloroethoxy)methane
Concen: 42.284 ng
RT: 10.140 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 93 Resp: 426776

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	10.8	7.8	11.6

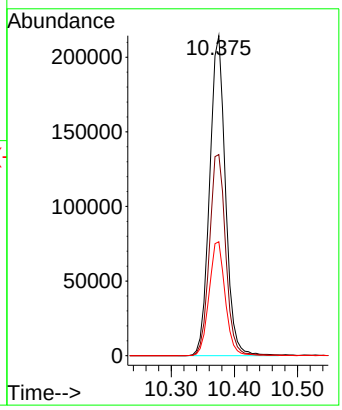




#29
2,4-Dichlorophenol
Concen: 50.299 ng
RT: 10.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:162 Resp: 37280

Ion	Ratio	Lower	Upper
162	100		
164	62.9	45.8	85.8
98	35.6	18.6	58.6



Instrument :
BNA_P
ClientSampleId :
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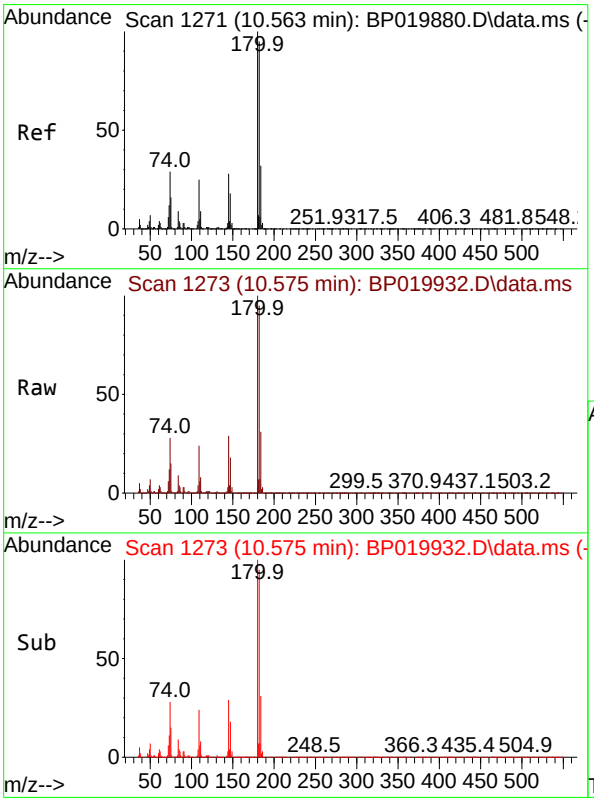
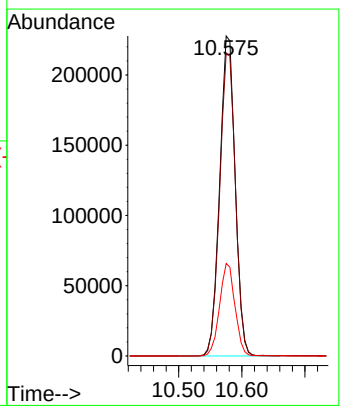
Supervised By :mohammad ahmed 03/02/2024

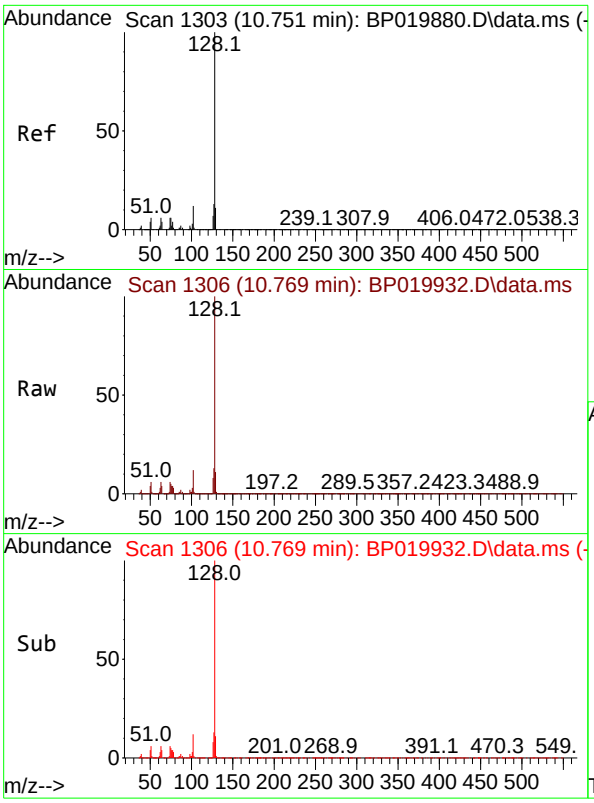


#30
1,2,4-Trichlorobenzene
Concen: 47.535 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:180 Resp: 387061

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.7	113.5
145	28.9	22.8	34.2

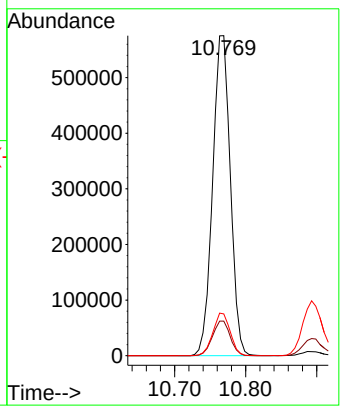




#31
Naphthalene
Concen: 44.313 ng
RT: 10.769 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:128 Resp: 99530

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.2	15.2



Instrument :
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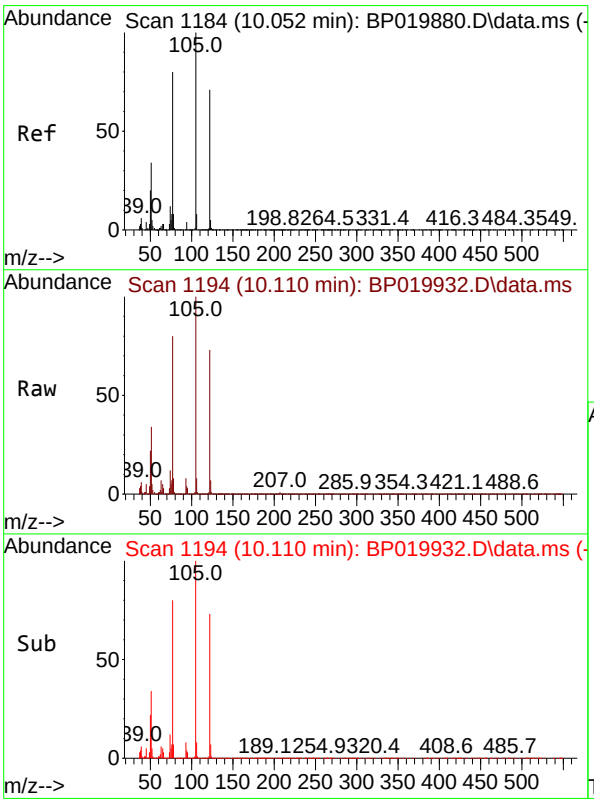
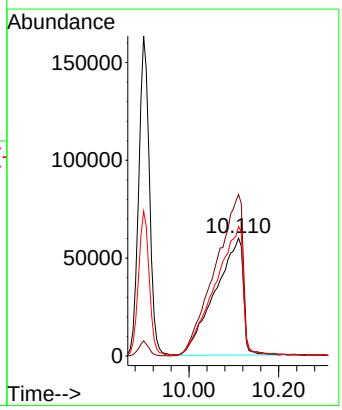
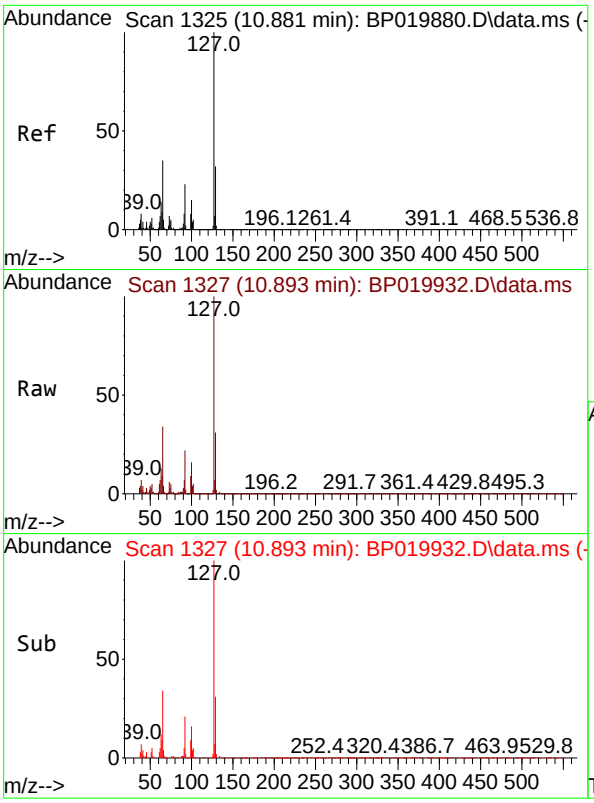


#32
Benzoic acid
Concen: 46.137 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.018 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:122 Resp: 259743

Ion	Ratio	Lower	Upper
122	100		
105	136.9	120.8	160.8
77	109.7	93.5	133.5

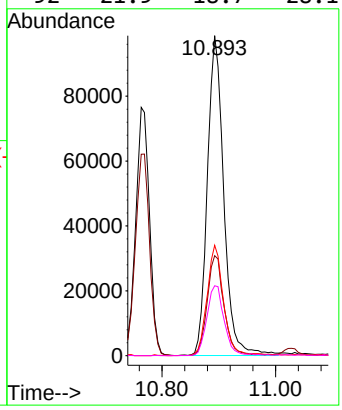




#33
4-Chloroaniline
Concen: 19.341 ng
RT: 10.893 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:127 Resp: 19735

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	34.5	28.2	42.4
92	21.9	18.7	28.1



Instrument :
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ClientSampleId :
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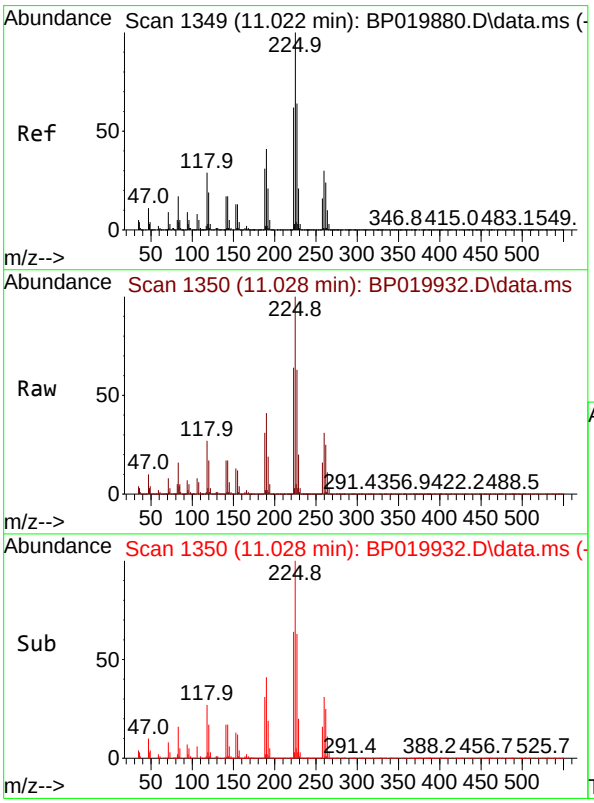
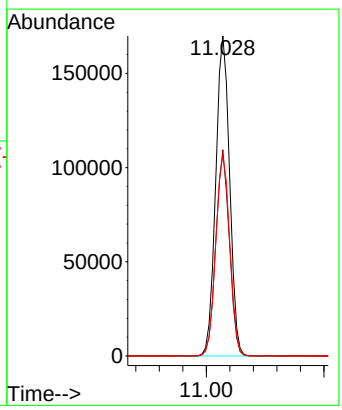
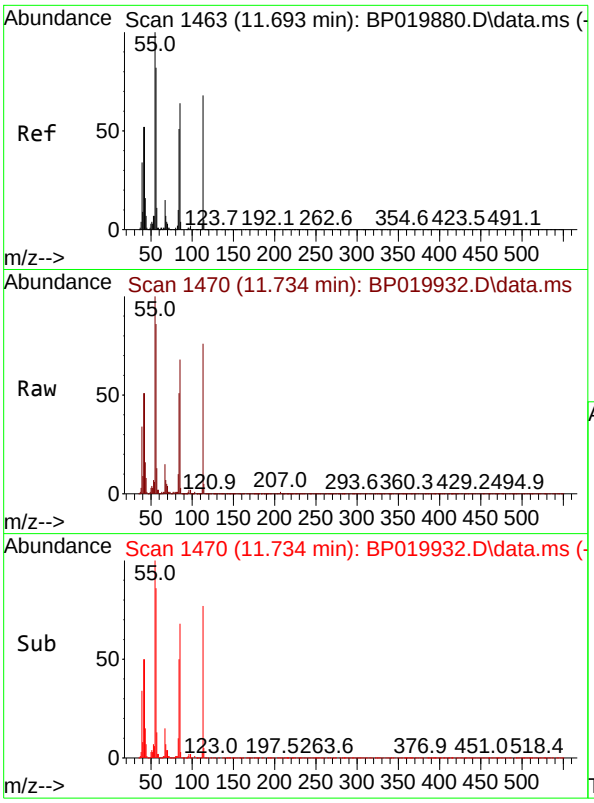


#34
Hexachlorobutadiene
Concen: 47.058 ng
RT: 11.028 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:225 Resp: 278649

Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.8	74.6
227	62.7	51.1	76.7

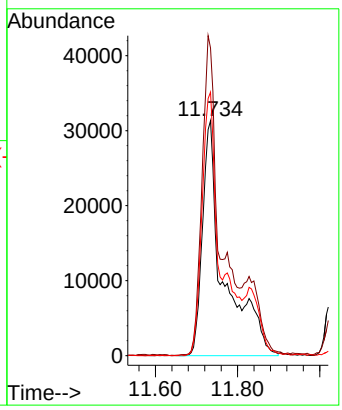




#35
Caprolactam
Concen: 41.045 ng m
RT: 11.734 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:113 Resp: 11218

Ion	Ratio	Lower	Upper
113	100		
55	131.0	127.6	167.6
56	112.2	100.9	140.9



Instrument :
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ClientSampleId :
PB159345BS

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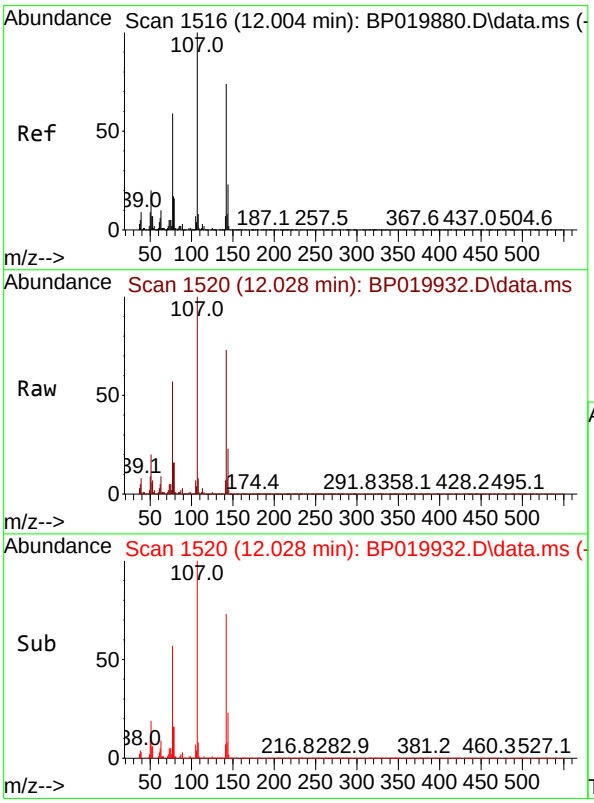
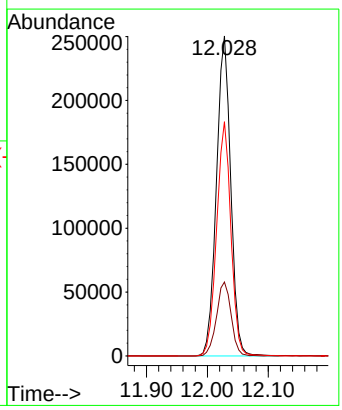
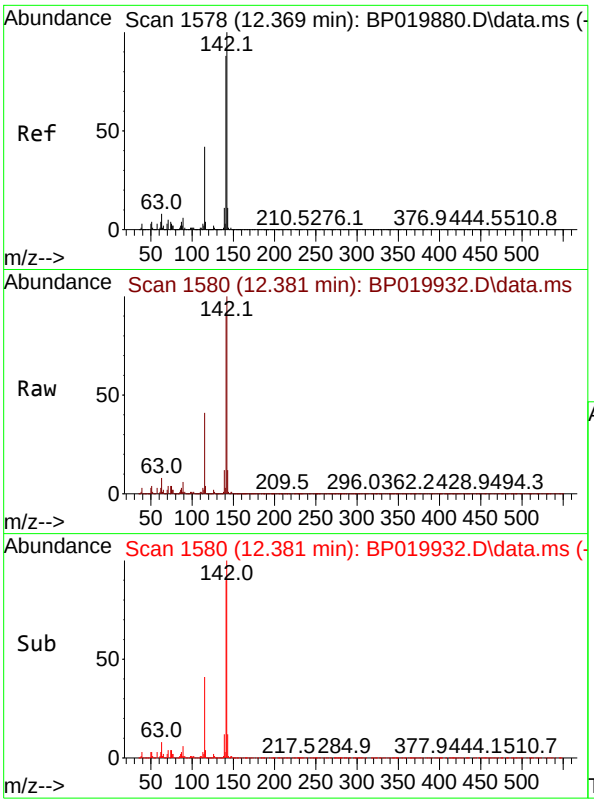


#36
4-Chloro-3-methylphenol
Concen: 44.651 ng
RT: 12.028 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:107 Resp: 408254

Ion	Ratio	Lower	Upper
107	100		
144	23.1	18.6	28.0
142	73.2	58.8	88.2

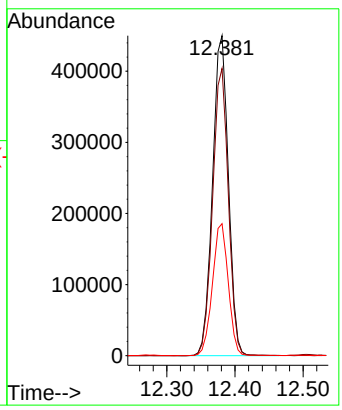




#37
2-Methylnaphthalene
Concen: 41.730 ng
RT: 12.381 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:142 Resp: 72758

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.0	105.0
115	41.2	33.7	50.5



Instrument :
BNA_P
ClientSampleId :
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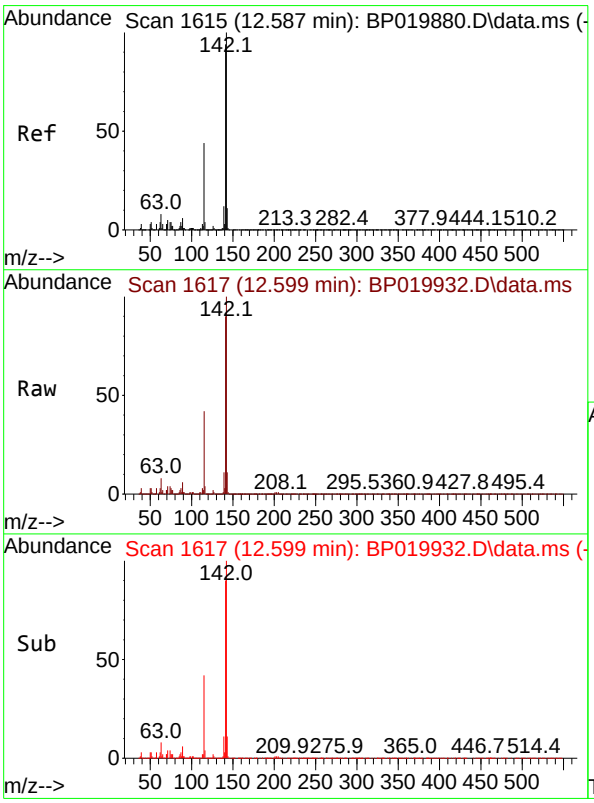
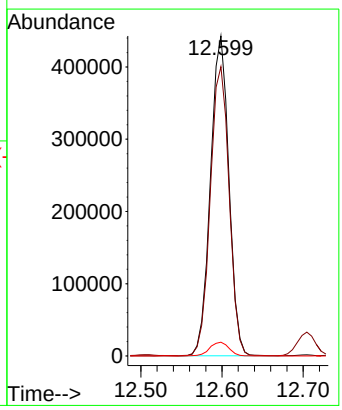
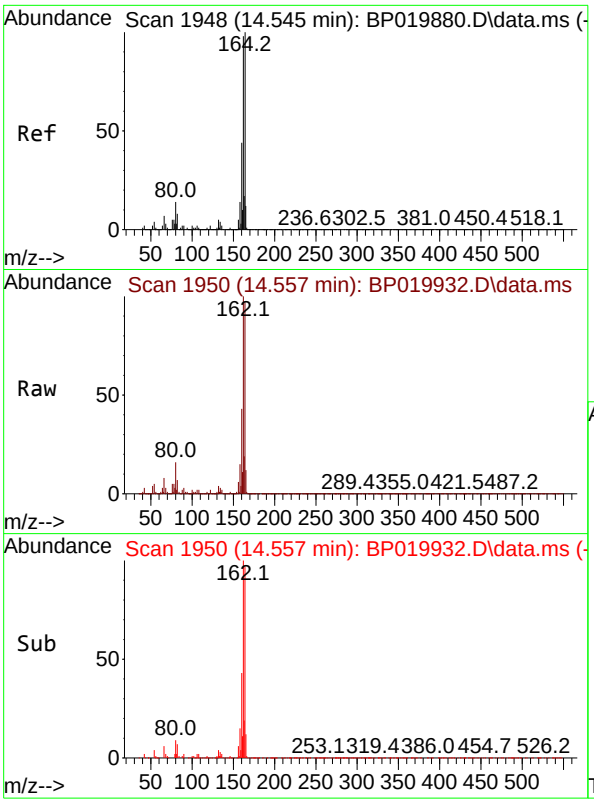


#38
1-Methylnaphthalene
Concen: 42.319 ng
RT: 12.599 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:142 Resp: 698174

Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.5	113.3
116	4.3	3.5	5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Tgt Ion:164 Resp: 29821

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.1	117.1
160	44.5	35.3	52.9

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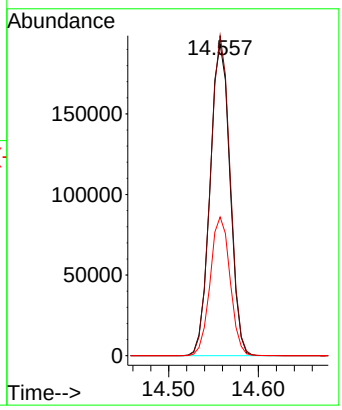
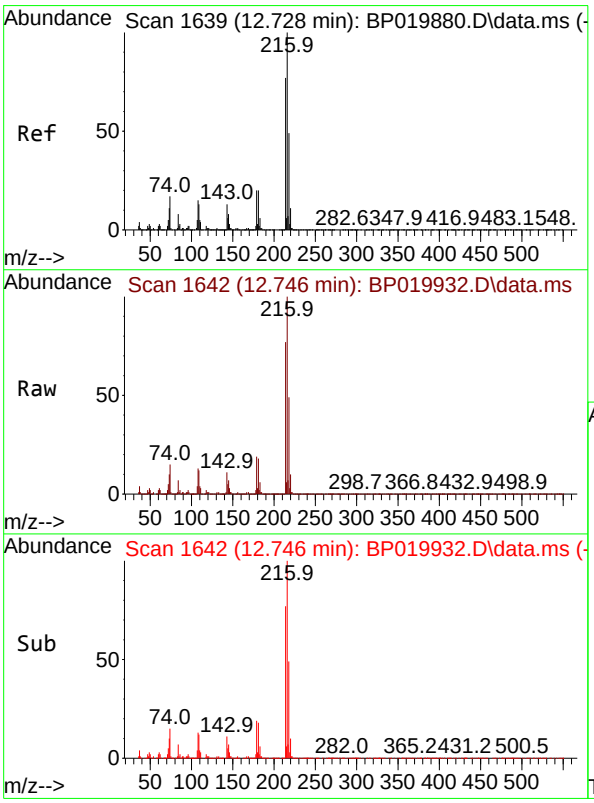
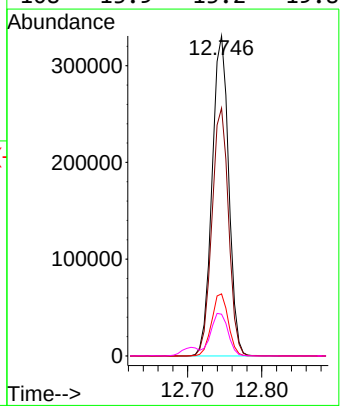


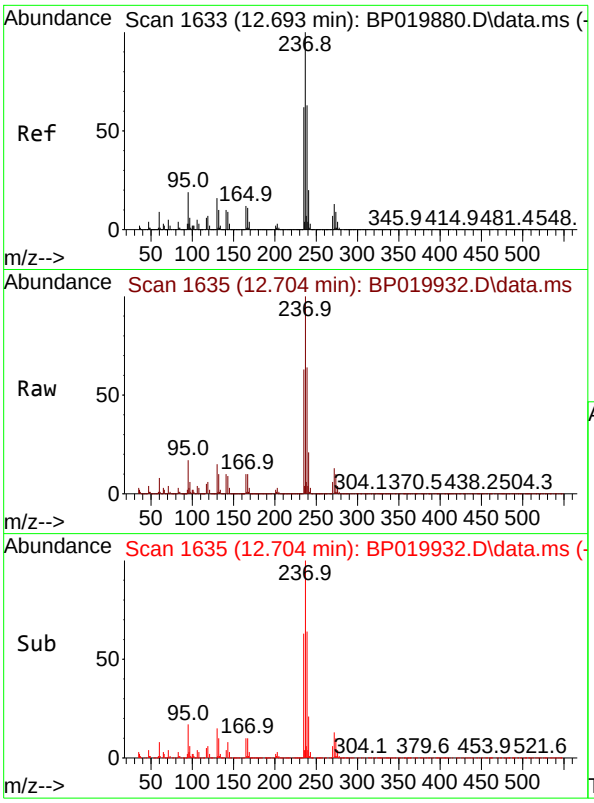


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.583 ng
RT: 12.746 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:216 Resp: 515272

Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.5	93.7
179	19.5	15.8	23.6
108	13.9	13.2	19.8

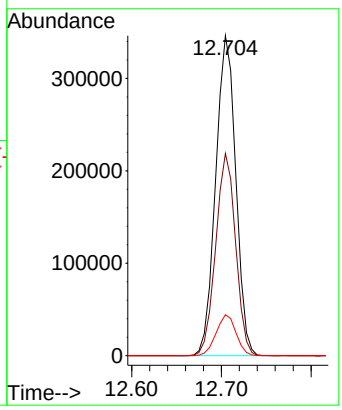




#41
Hexachlorocyclopentadiene
Concen: 102.172 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:237 Resp: 53891

Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.5	81.5
272	12.8	0.0	32.5



Instrument :
BNA_P
ClientSampleId :
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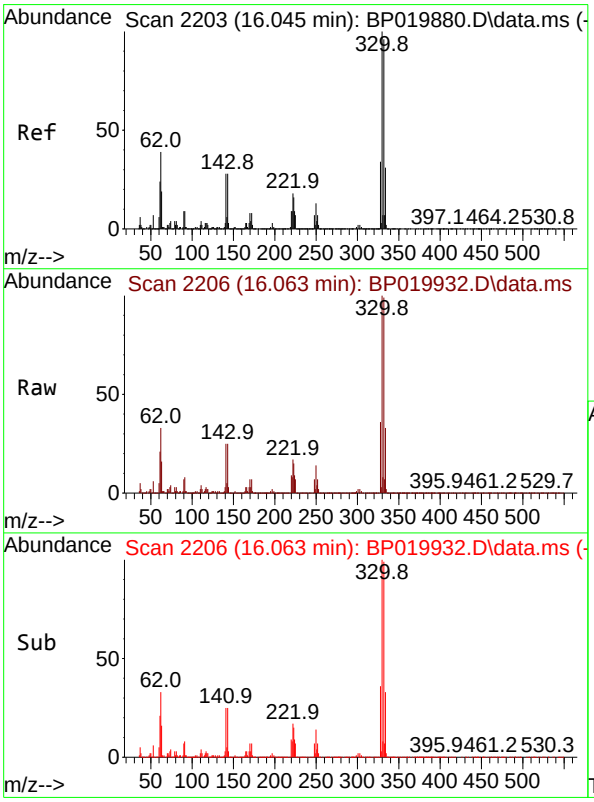
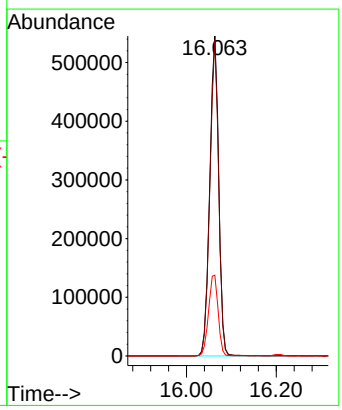
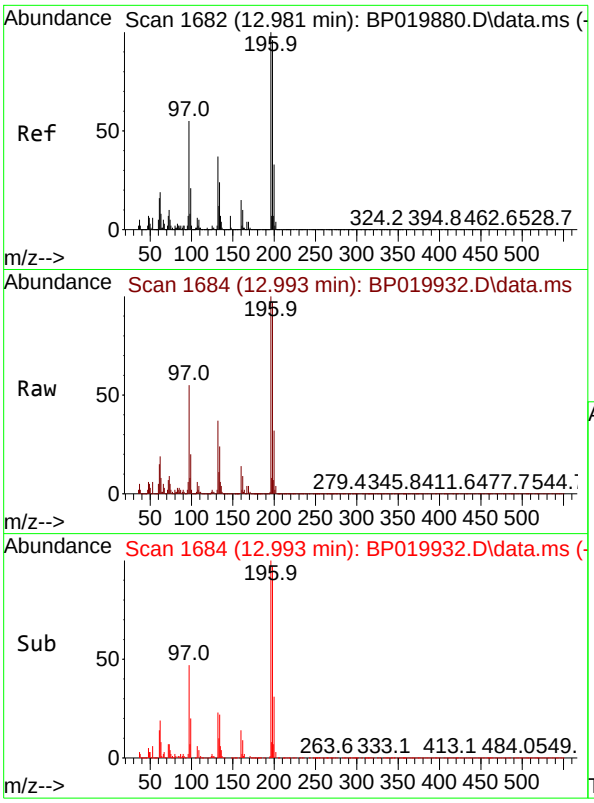


#42
2,4,6-Tribromophenol
Concen: 147.703 ng
RT: 16.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:330 Resp: 755256

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	27.0	24.6	37.0





#43
2,4,6-Trichlorophenol
Concen: 51.562 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:196 Resp: 34680

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.5	114.7
200	31.8	26.2	39.4

Instrument :
BNA_P
ClientSampleId :
PB159345BS

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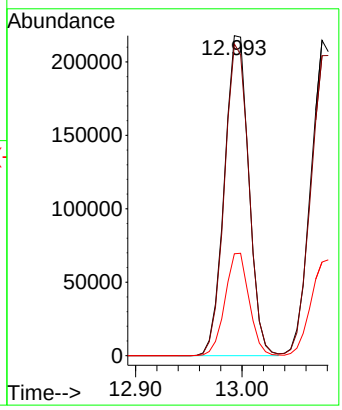
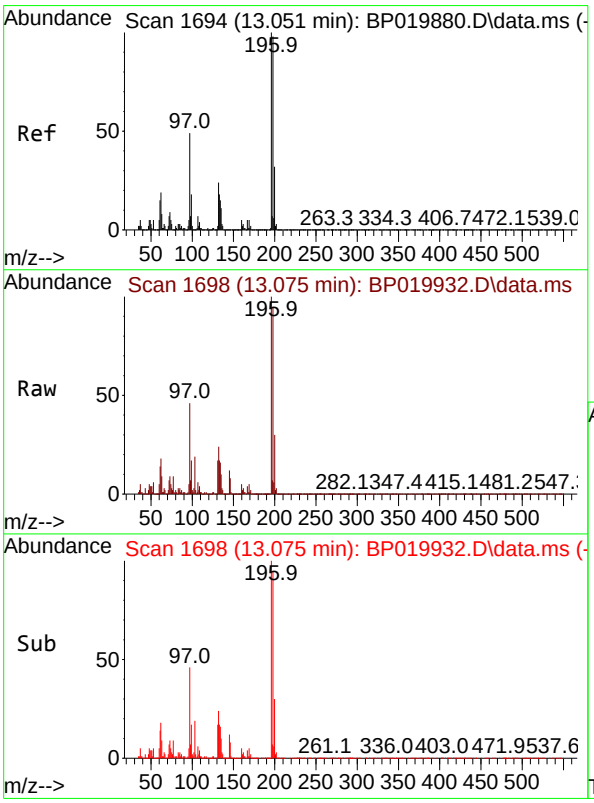
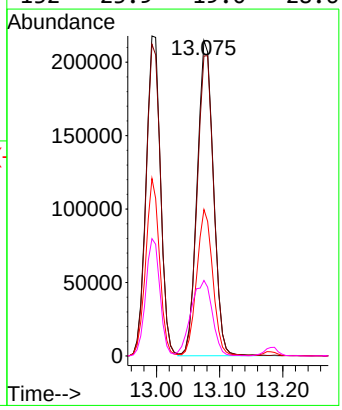


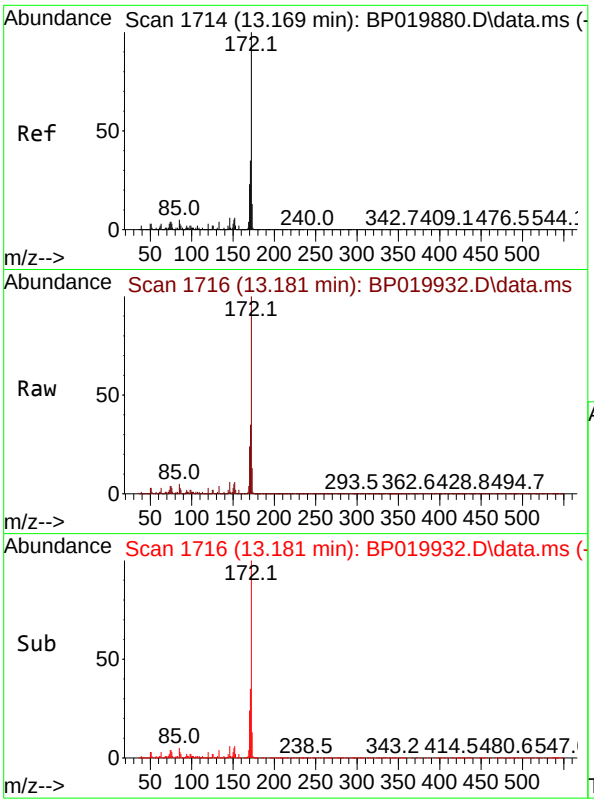


#44
2,4,5-Trichlorophenol
Concen: 47.738 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:196 Resp: 382479

Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.2	117.4
97	46.4	39.4	59.2
132	23.9	19.0	28.6

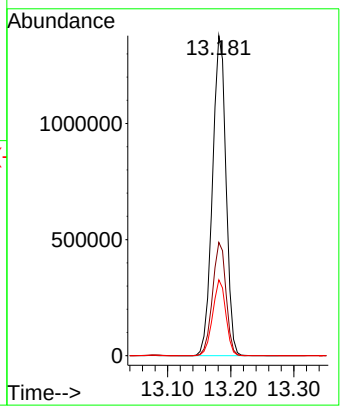




#45
2-Fluorobiphenyl
Concen: 92.668 ng
RT: 13.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:172 Resp: 204535

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	23.7	18.4	27.6



Instrument :
BNA_P
ClientSampleId :
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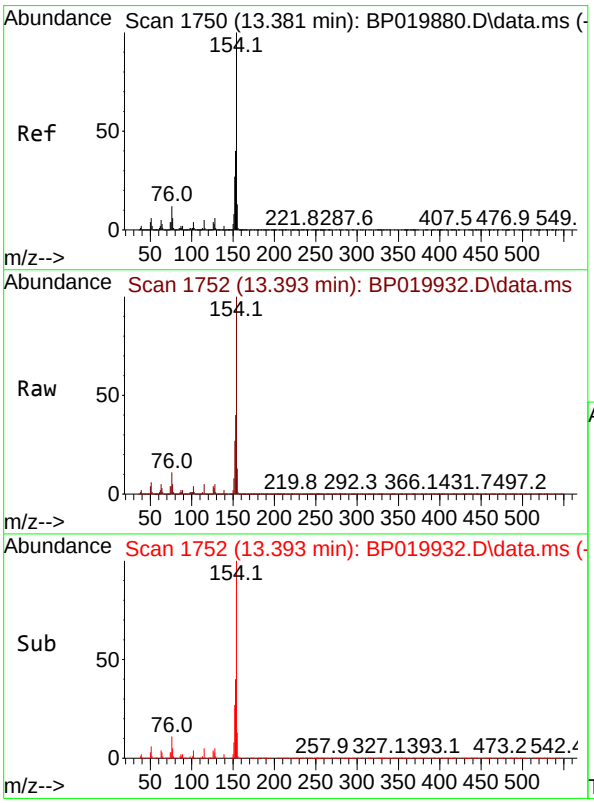
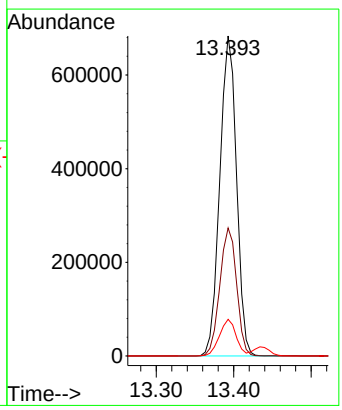
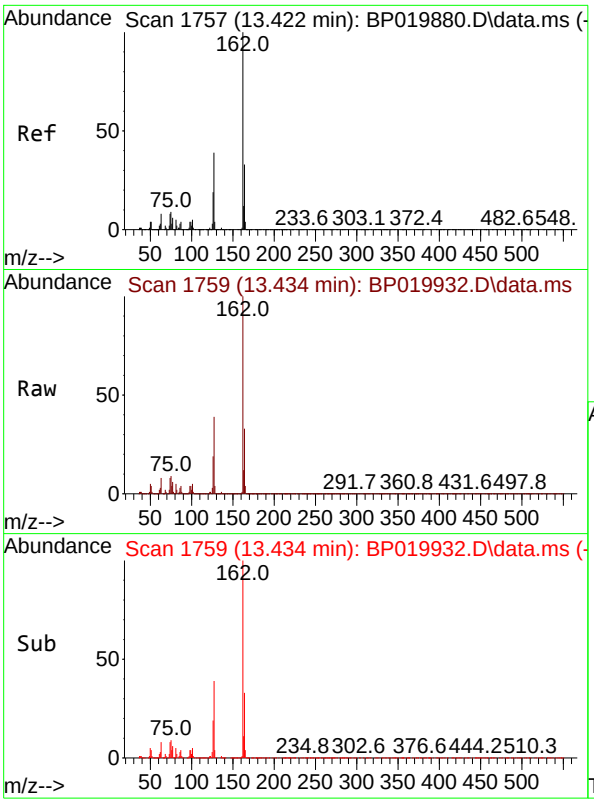


#46
1,1'-Biphenyl
Concen: 47.896 ng
RT: 13.393 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:154 Resp: 1022688

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.8	59.8
76	11.5	0.0	31.8

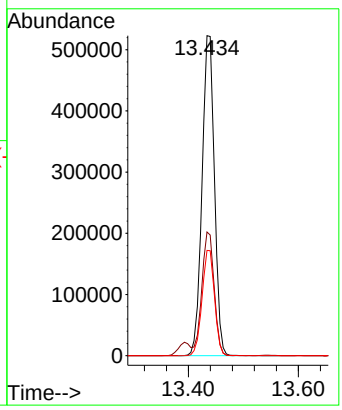




#47
2-Chloronaphthalene
Concen: 49.433 ng
RT: 13.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:162 Resp: 81927

Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.4	47.2
164	32.9	26.2	39.4



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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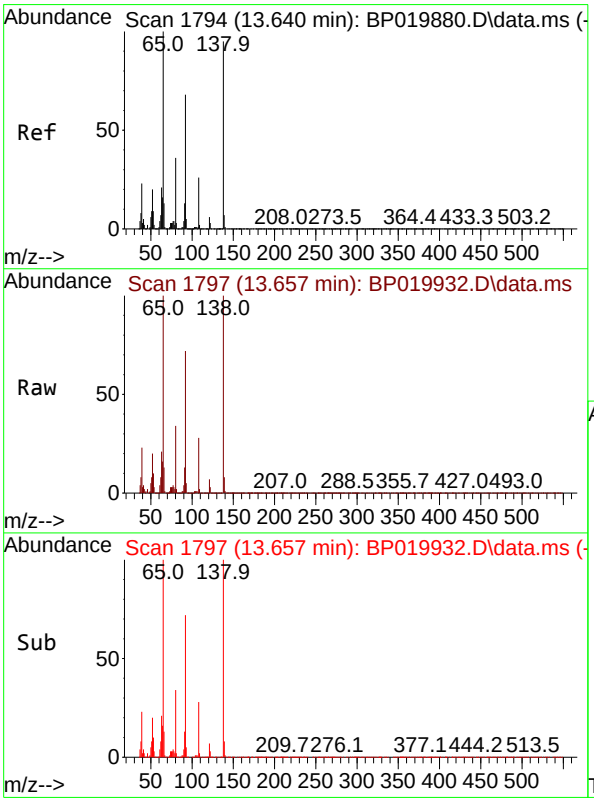
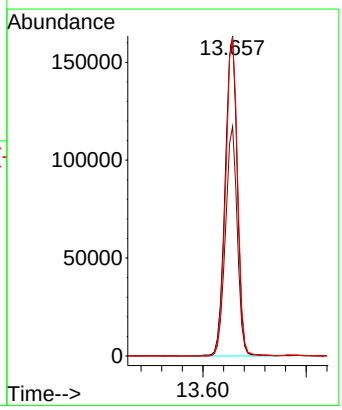
Supervised By :mohammad ahmed 03/02/2024

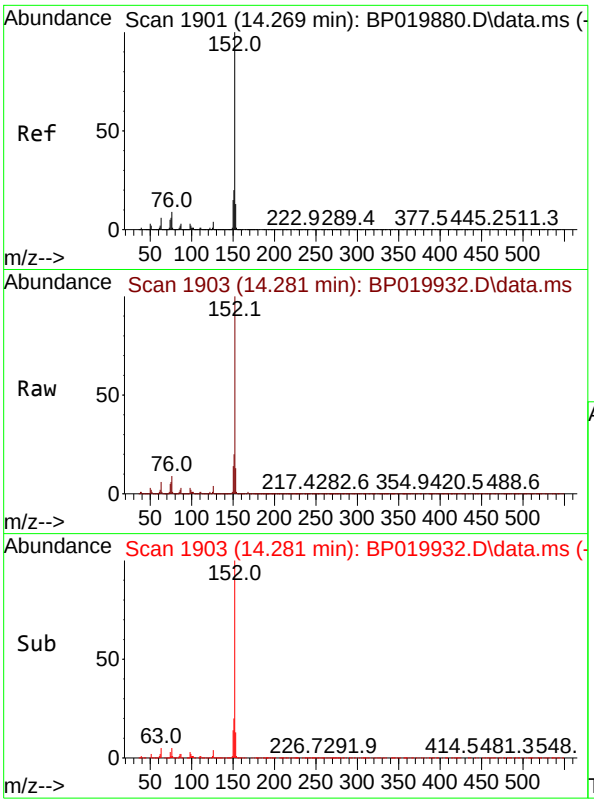


#48
2-Nitroaniline
Concen: 44.361 ng
RT: 13.657 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 65 Resp: 265721

Ion	Ratio	Lower	Upper
65	100		
92	71.7	54.3	81.5
138	99.6	75.7	113.5

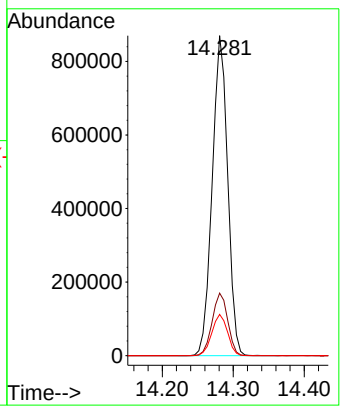




#49
Acenaphthylene
Concen: 48.876 ng
RT: 14.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:152 Resp: 131235

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.9	10.4	15.6



Instrument :
BNA_P
ClientSampleId :
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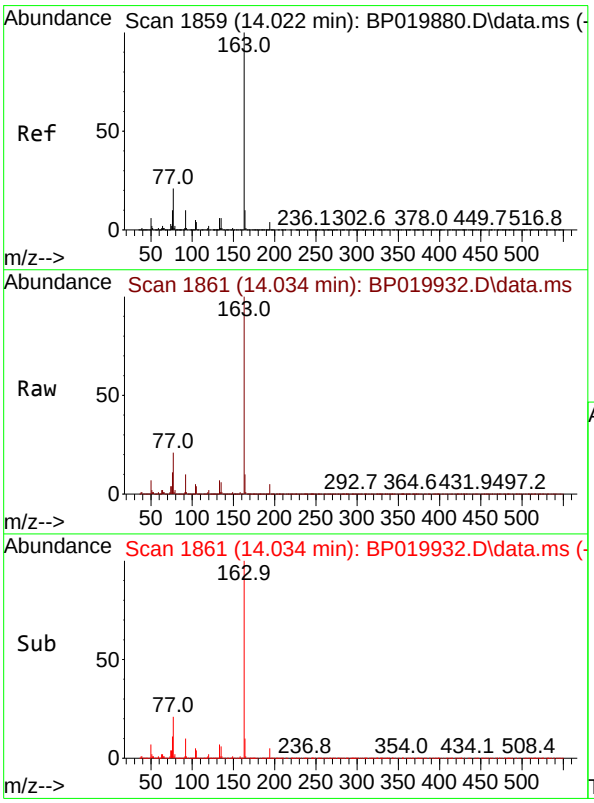
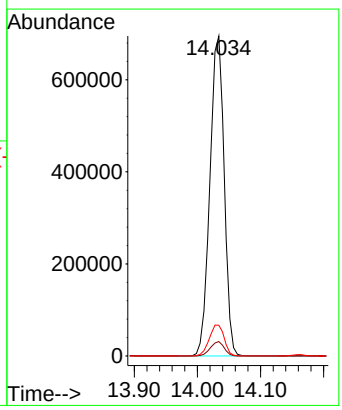
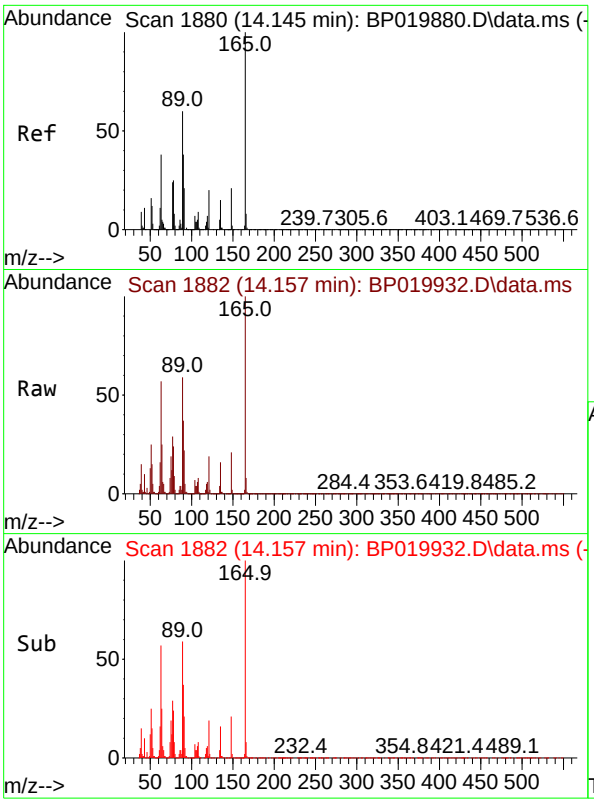


#50
Dimethylphthalate
Concen: 44.778 ng
RT: 14.034 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:163 Resp: 1090097

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.6	8.0	12.0

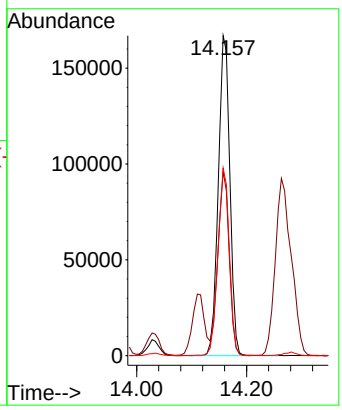




#51
2,6-Dinitrotoluene
Concen: 46.356 ng
RT: 14.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:165 Resp: 24287

Ion	Ratio	Lower	Upper
165	100		
63	57.5	46.9	70.3
89	58.6	48.3	72.5



Instrument :
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ClientSampleId :
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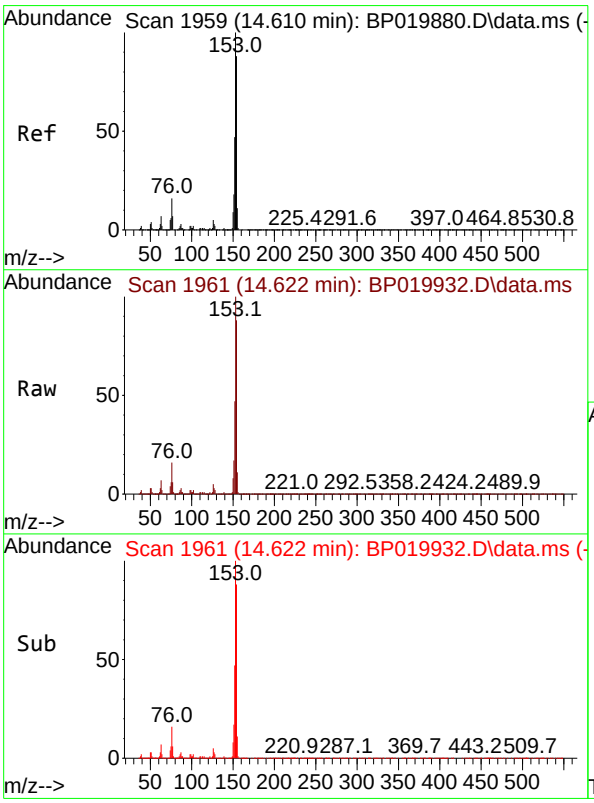
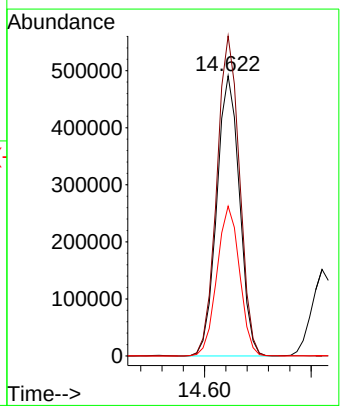
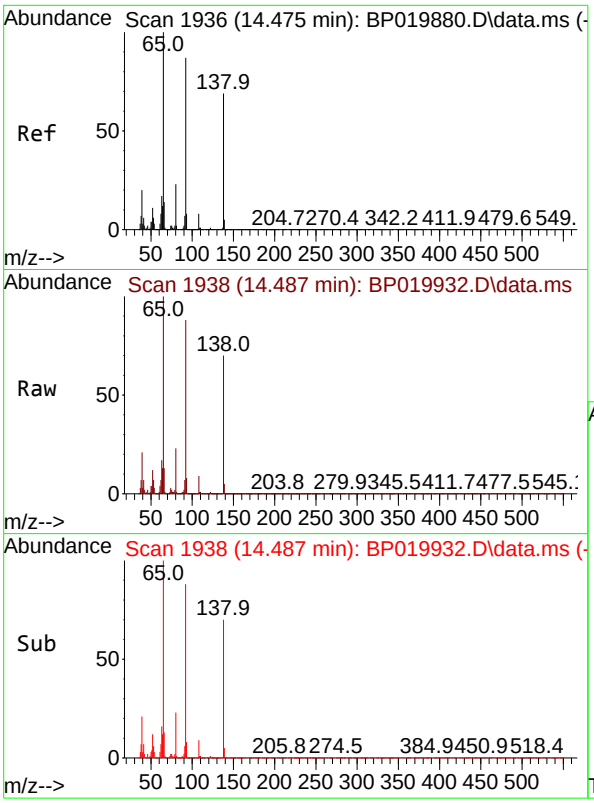


#52
Acenaphthene
Concen: 45.122 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:154 Resp: 727470

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.9	136.3
152	53.4	42.3	63.5





#53
3-Nitroaniline
Concen: 31.109 ng
RT: 14.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:138 Resp: 16134

Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.2	13.8
92	125.3	100.3	150.5

Instrument :
BNA_P
ClientSampleId :
PB159345BS

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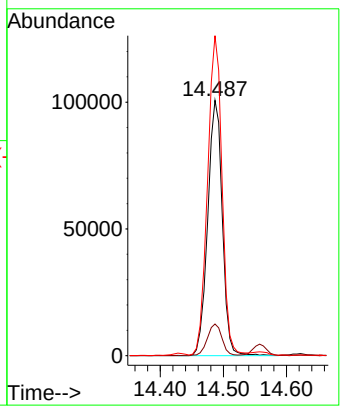
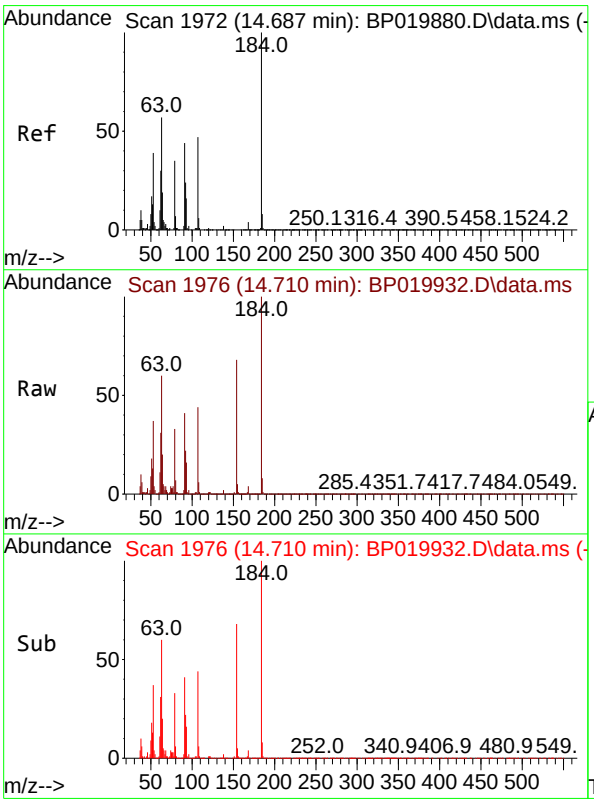
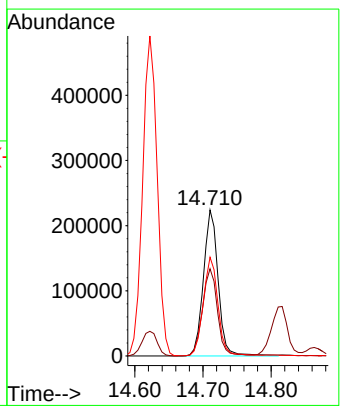


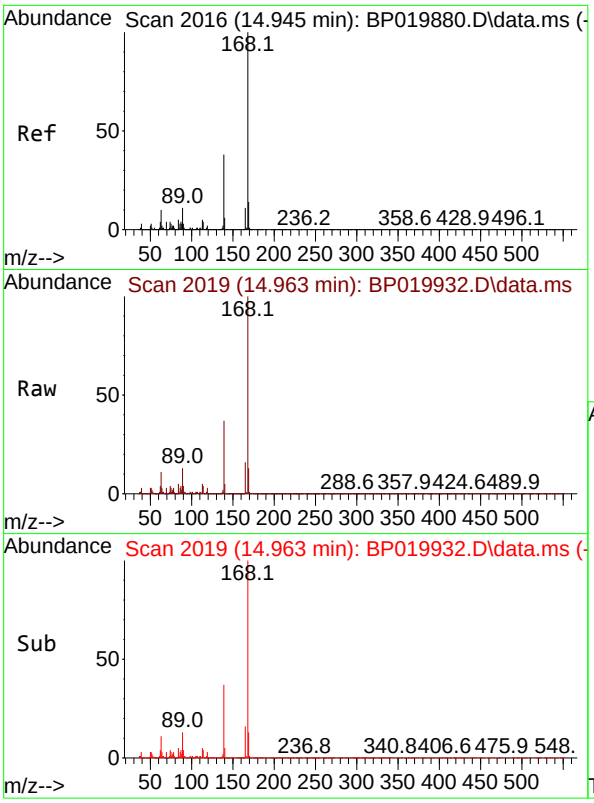


#54
2,4-Dinitrophenol
Concen: 98.735 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:184 Resp: 337217

Ion	Ratio	Lower	Upper
184	100		
63	59.7	49.6	74.4
154	67.7	54.6	82.0

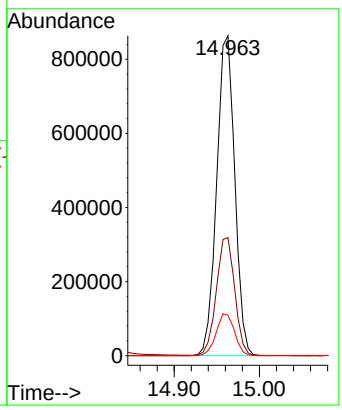




#55
Dibenzofuran
Concen: 46.409 ng
RT: 14.963 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:168 Resp: 127693(

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	45.8
169	12.6	10.9	16.3



Instrument :
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ClientSampleId :
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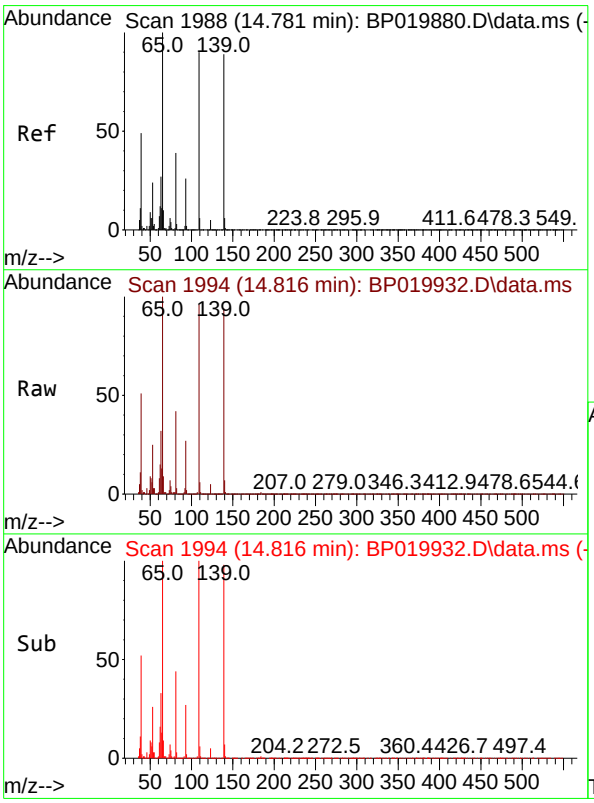
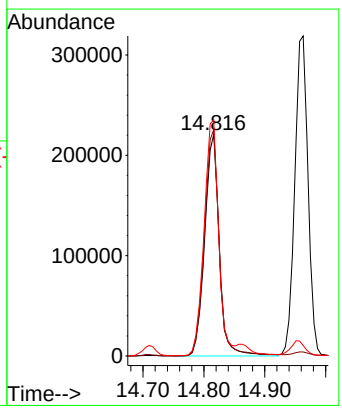
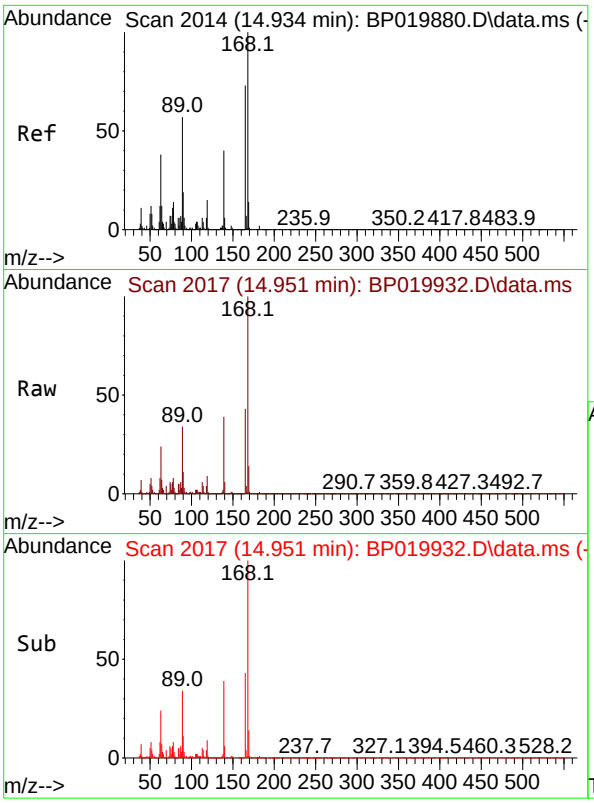


#56
4-Nitrophenol
Concen: 90.885 ng
RT: 14.816 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:139 Resp: 368731

Ion	Ratio	Lower	Upper
139	100		
109	102.2	81.3	121.3
65	106.4	93.5	133.5

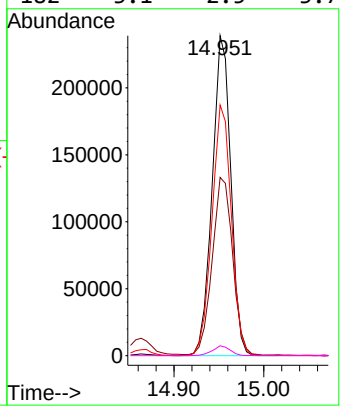




#57
2,4-Dinitrotoluene
Concen: 46.059 ng
RT: 14.951 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:165 Resp: 34345

Ion	Ratio	Lower	Upper
165	100		
63	55.7	41.4	62.0
89	78.3	62.1	93.1
182	3.1	2.5	3.7



Instrument :
BNA_P
ClientSampleId :
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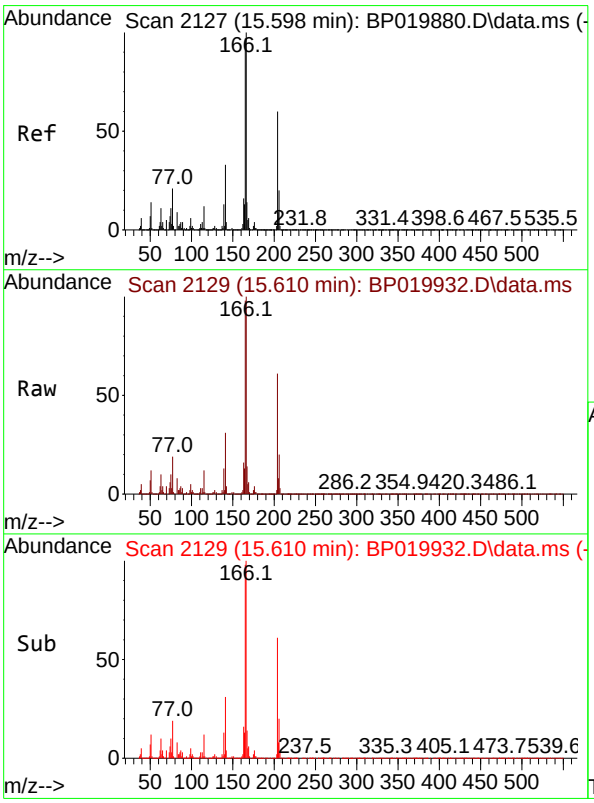
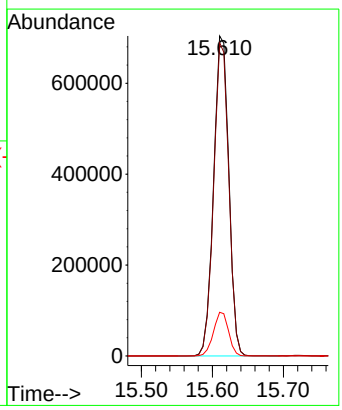
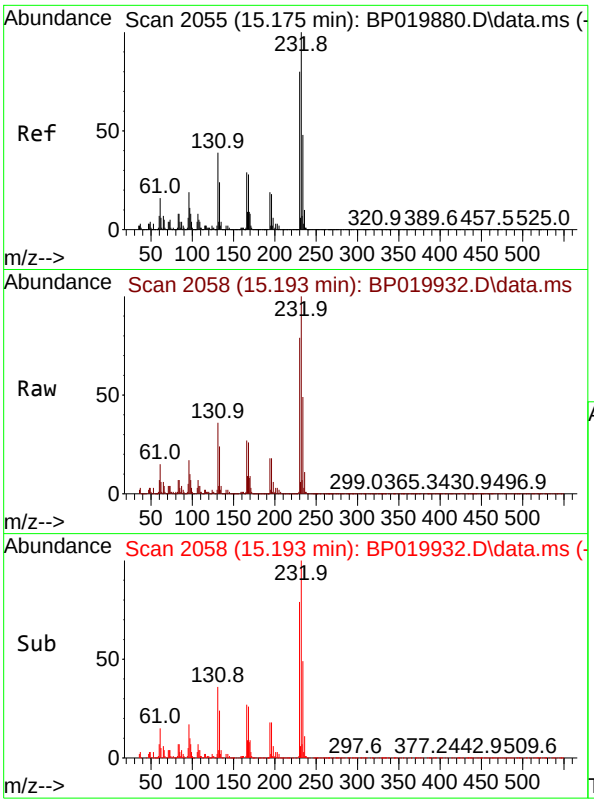


#58
Fluorene
Concen: 46.818 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:166 Resp: 1044769

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.6	10.8	16.2

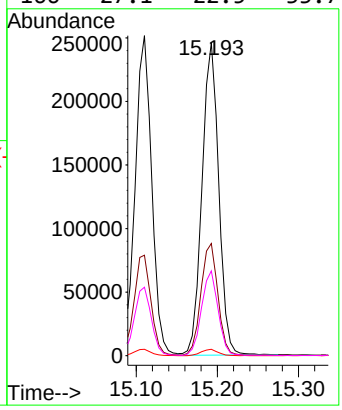




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.719 ng
RT: 15.193 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:232 Resp: 35077

Ion	Ratio	Lower	Upper
232	100		
131	36.1	30.7	46.1
130	2.1	1.8	2.6
166	27.1	22.5	33.7



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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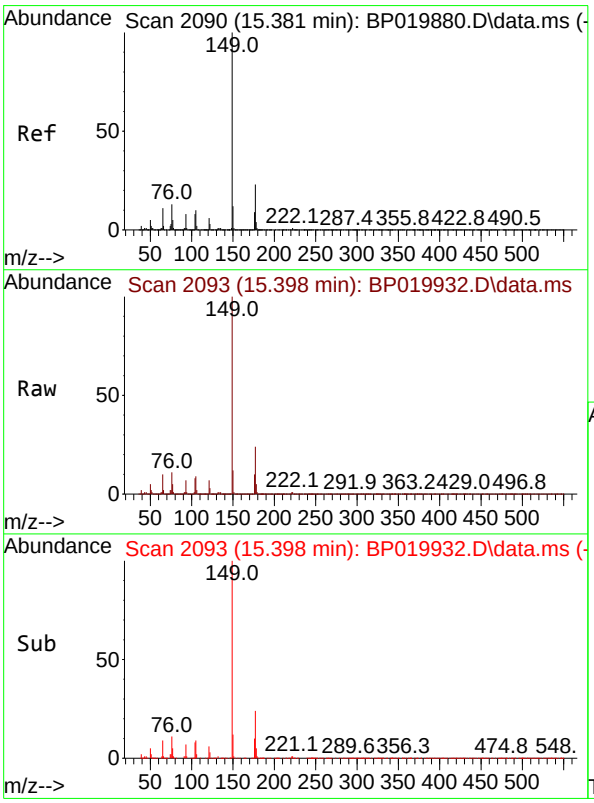
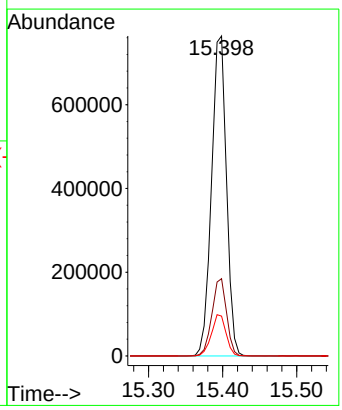
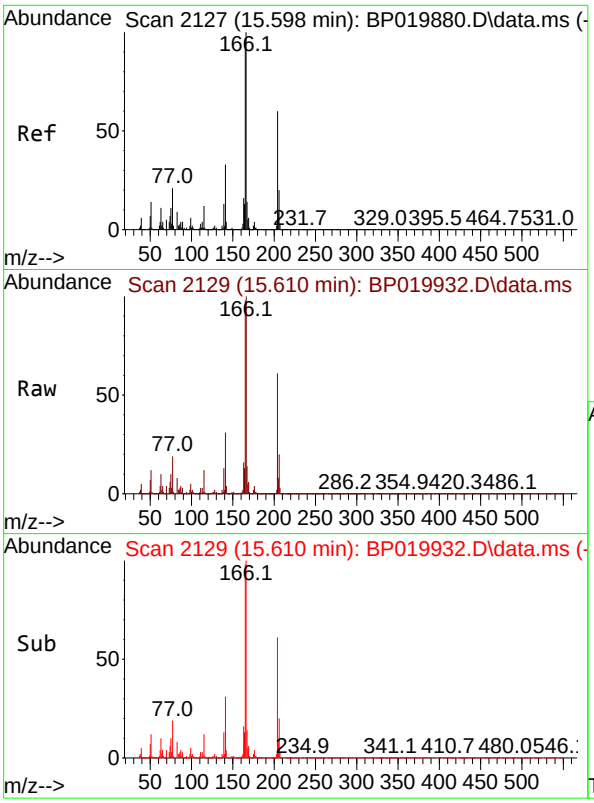


#60
Diethylphthalate
Concen: 44.362 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:149 Resp: 1066919

Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.4	27.6
150	12.5	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.407 ng
RT: 15.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:204 Resp: 60501

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	51.4	44.2	66.4

Instrument :
BNA_P
ClientSampleId :
PB159345BS

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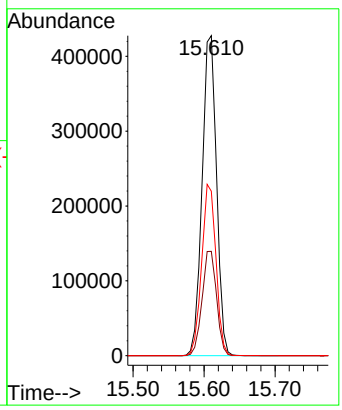
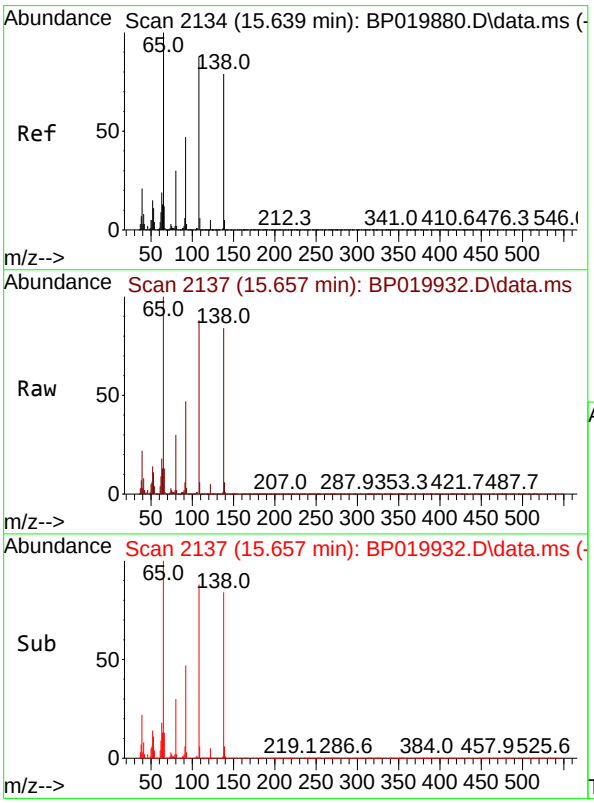
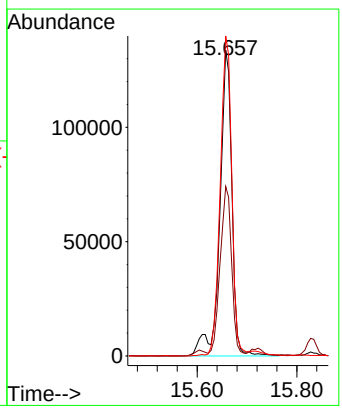


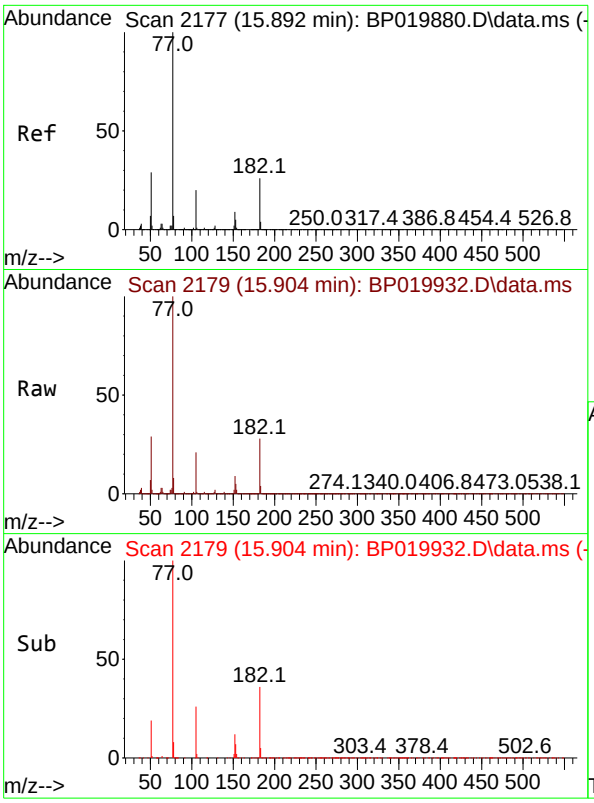


#62
4-Nitroaniline
Concen: 41.650 ng m
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:138 Resp: 224993

Ion	Ratio	Lower	Upper
138	100		
92	55.4	39.5	79.5
108	104.6	90.7	130.7

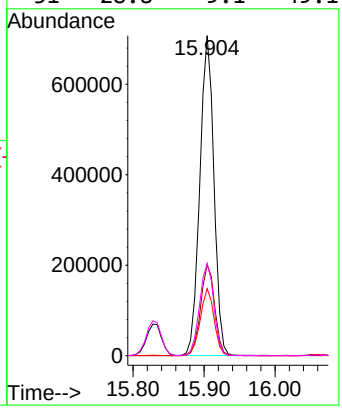




#63
Azobenzene
Concen: 43.622 ng
RT: 15.904 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion: 77 Resp: 97666

Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.3	46.3
105	21.0	0.0	40.0
51	28.8	9.1	49.1



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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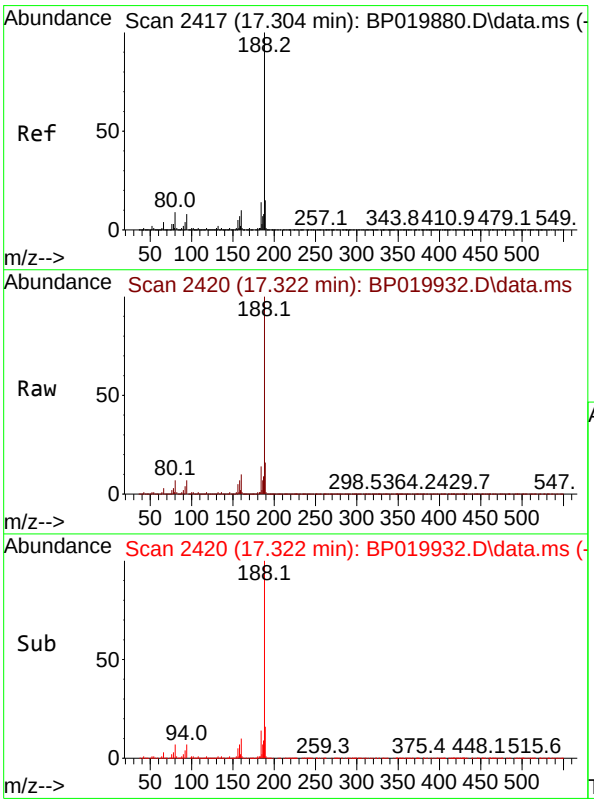
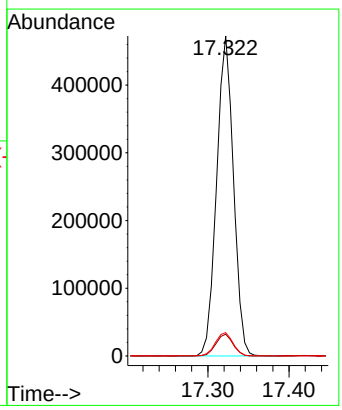
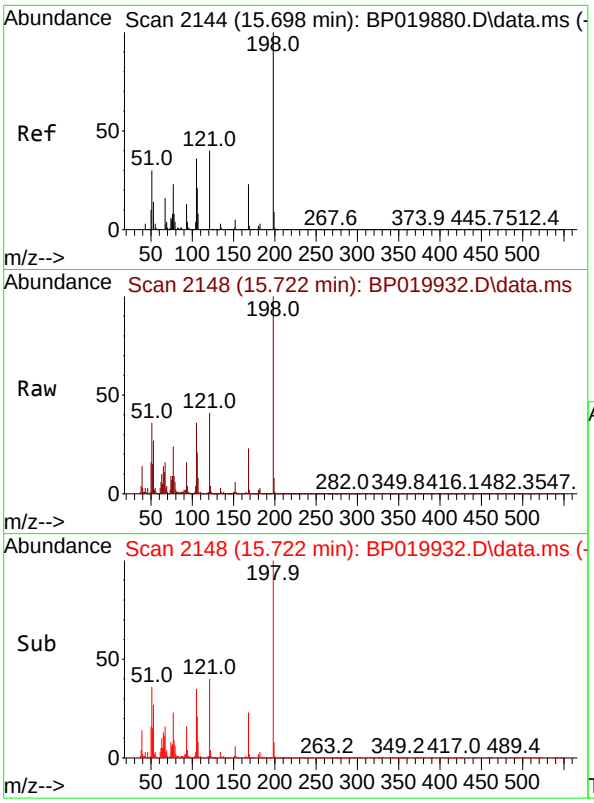


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:188 Resp: 682314

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	7.3	7.0	10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 47.214 ng
RT: 15.722 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:198 Resp: 21865

Ion	Ratio	Lower	Upper
198	100		
51	36.5	16.3	56.3
105	36.2	17.8	57.8

Instrument :
BNA_P
ClientSampleId :
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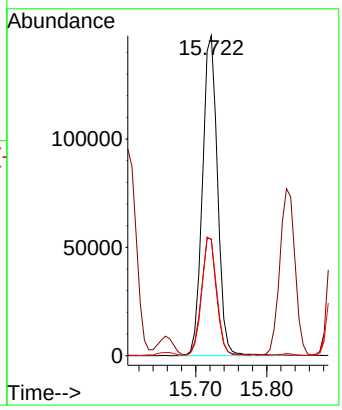
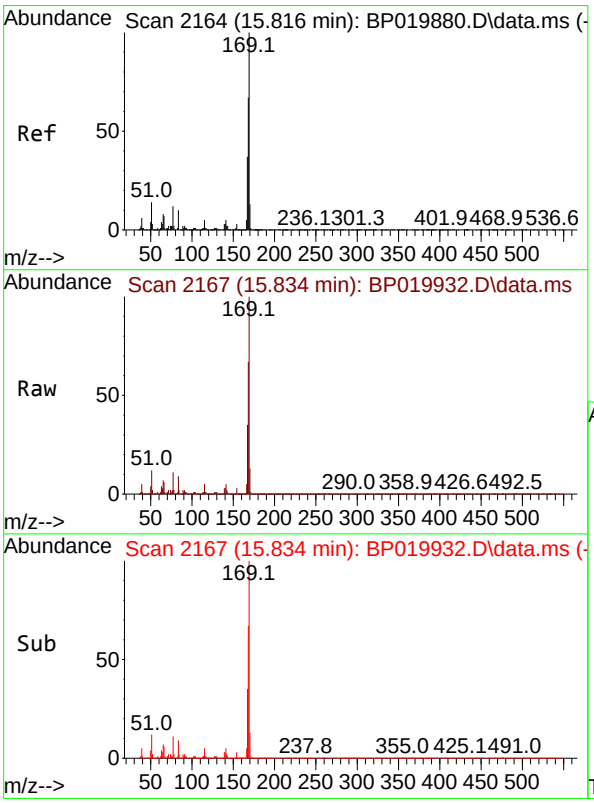
Supervised By :mohammad ahmed 03/02/2024

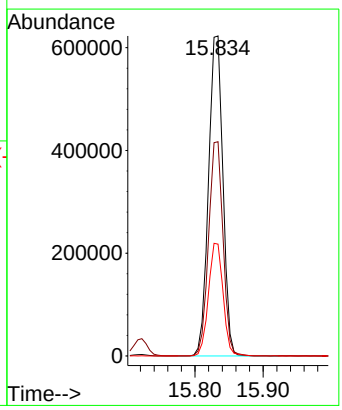


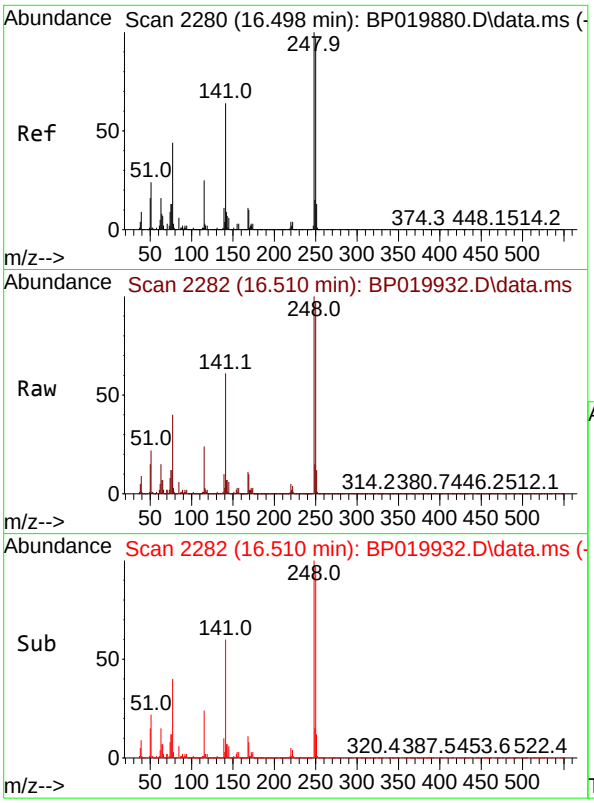


#66
n-Nitrosodiphenylamine
Concen: 46.699 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:169 Resp: 914292

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.6	80.4
167	35.0	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 47.613 ng
RT: 16.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:248 Resp: 40169

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.0	117.0
141	60.8	51.6	77.4

Instrument :
BNA_P
ClientSampleId :
PB159345BS

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Reviewed By :Jagrut Upadhyay 03/01/2024
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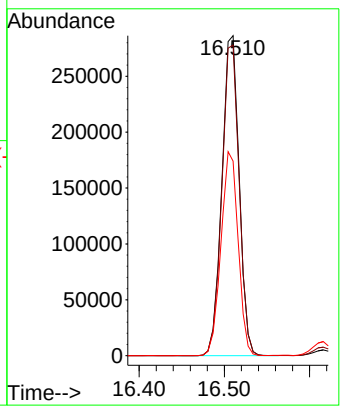
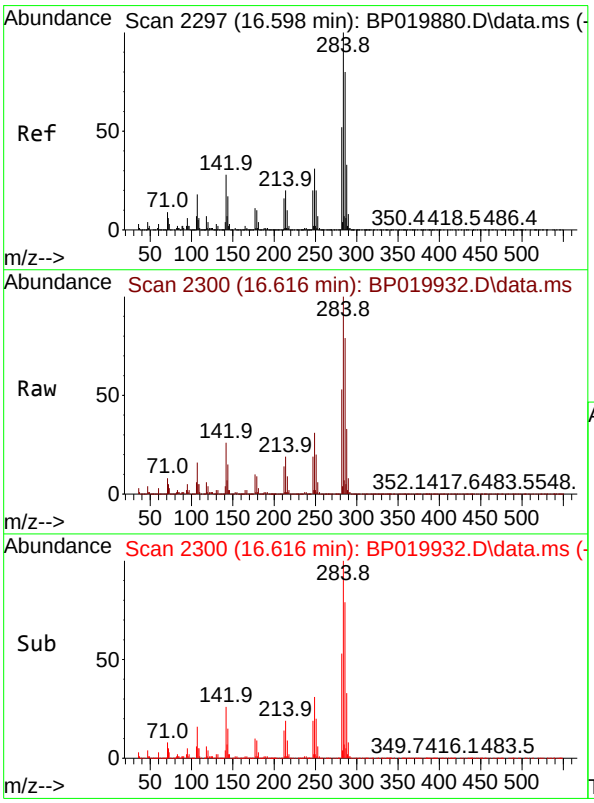
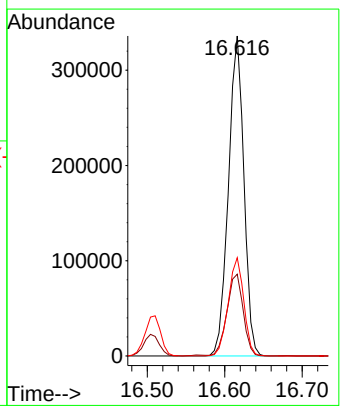


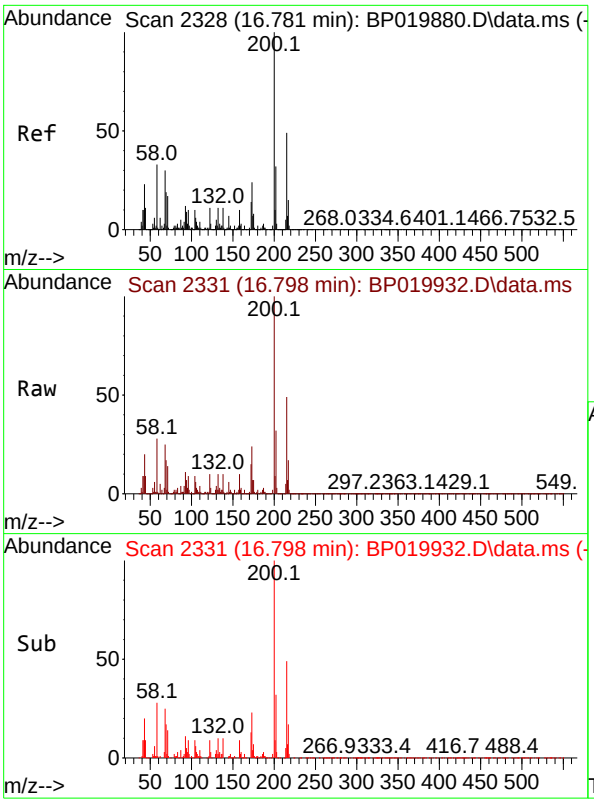


#68
Hexachlorobenzene
Concen: 51.282 ng
RT: 16.616 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:284 Resp: 466594

Ion	Ratio	Lower	Upper
284	100		
142	25.6	22.6	33.8
249	30.7	25.2	37.8

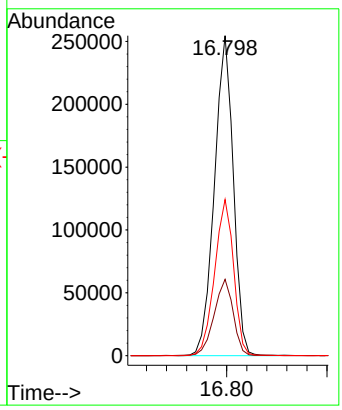




#69
Atrazine
Concen: 40.481 ng
RT: 16.798 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:200 Resp: 33162

Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.1	44.1
215	48.8	29.1	69.1



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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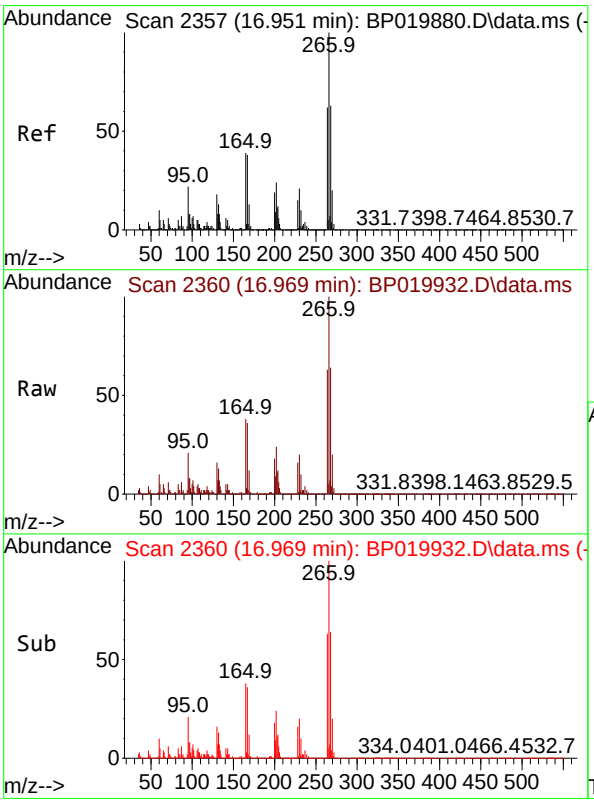
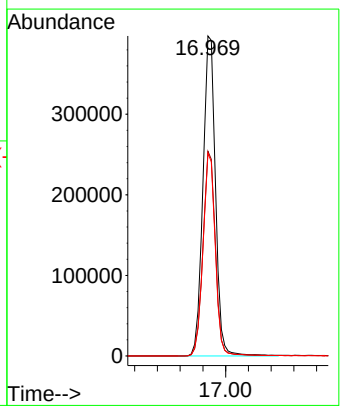
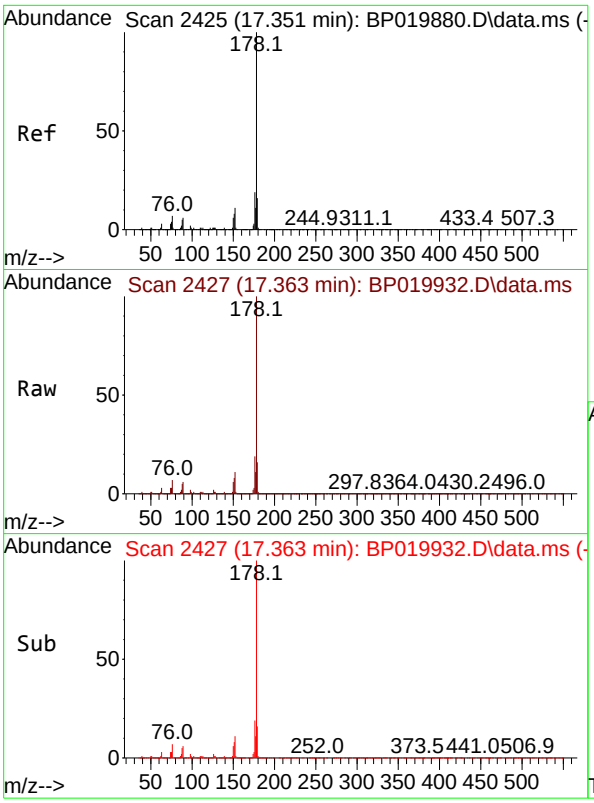


#70
Pentachlorophenol
Concen: 90.239 ng
RT: 16.969 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:266 Resp: 606879

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	76.0
264	63.4	49.7	74.5





#71
Phenanthrene
Concen: 44.950 ng
RT: 17.363 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Tgt Ion:178 Resp: 163707

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.7	12.5	18.7

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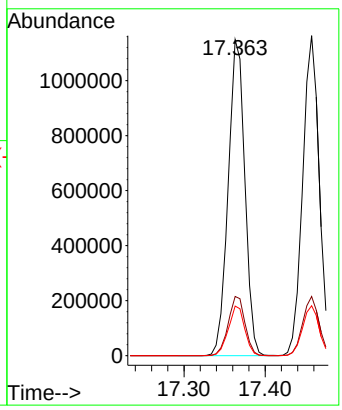
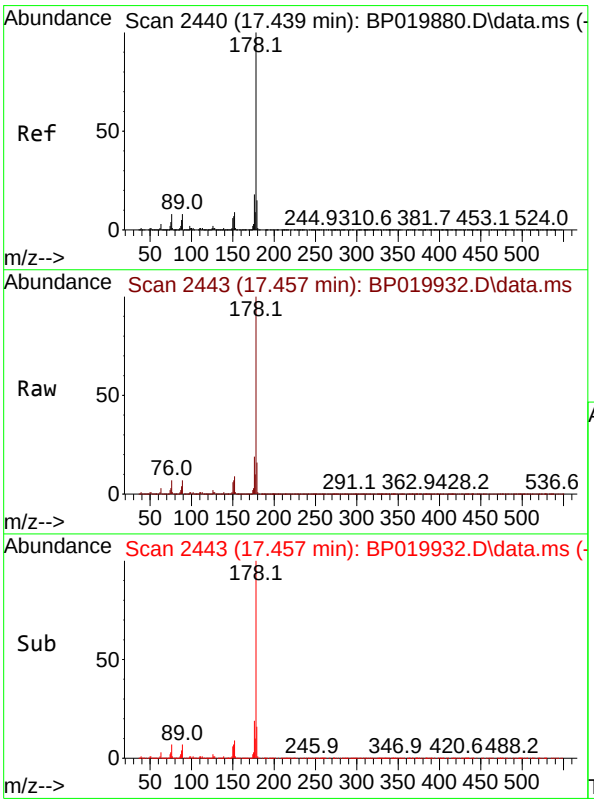
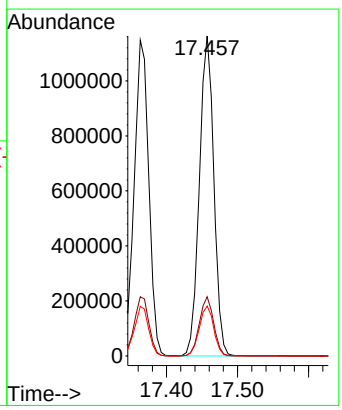


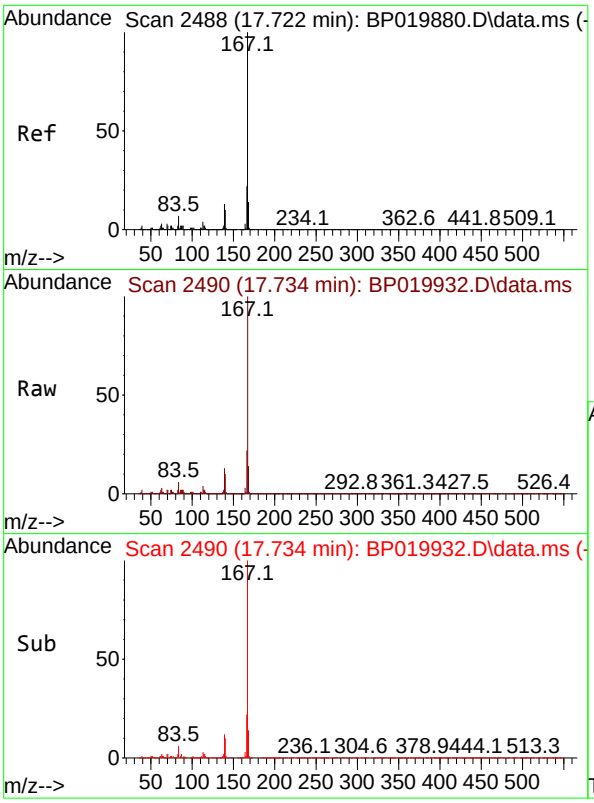


#72
Anthracene
Concen: 44.346 ng
RT: 17.457 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:178 Resp: 1648691

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.6	12.2	18.4

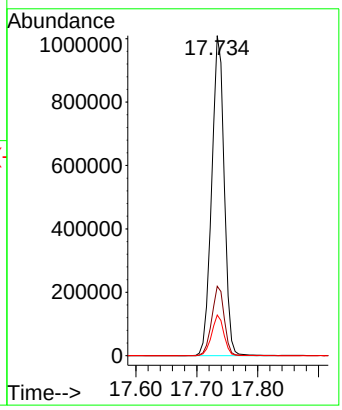




#73
Carbazole
Concen: 43.646 ng
RT: 17.734 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:167 Resp: 143716

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.7	10.5	15.7



Instrument :
BNA_P
ClientSampleId :
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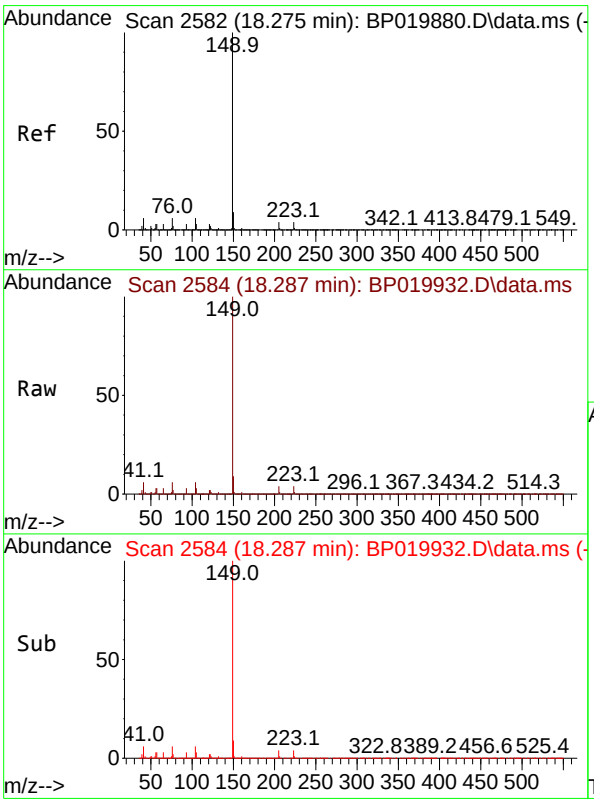
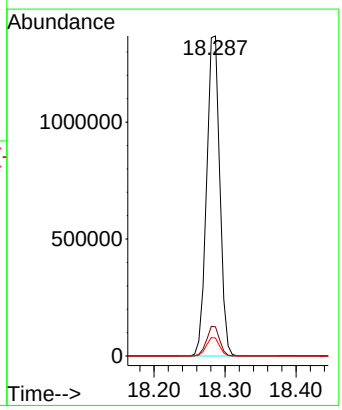
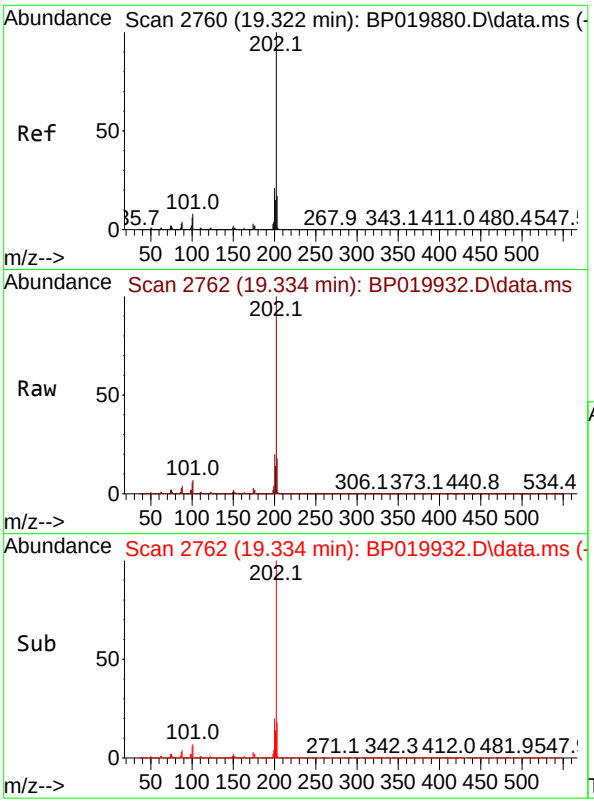


#74
Di-n-butylphthalate
Concen: 42.731 ng
RT: 18.287 min Scan# 2584
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:149 Resp: 1759742

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.6	4.6	7.0

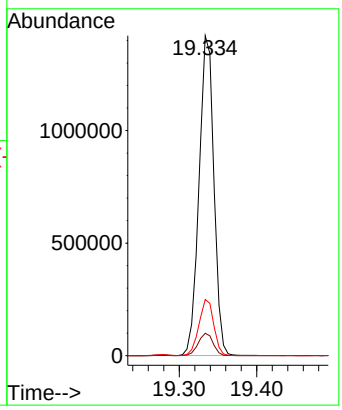




#75
Fluoranthene
Concen: 39.973 ng
RT: 19.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:202 Resp: 188934

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.7
203	17.6	0.0	37.5



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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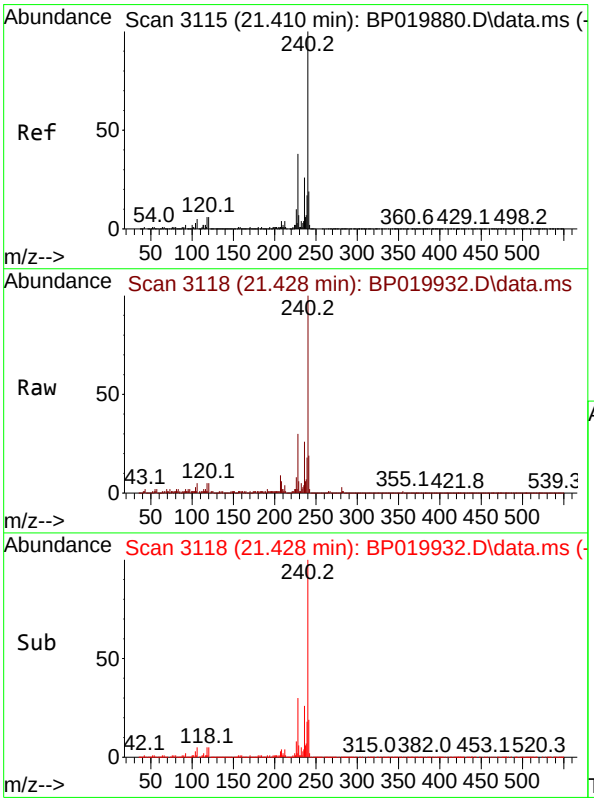
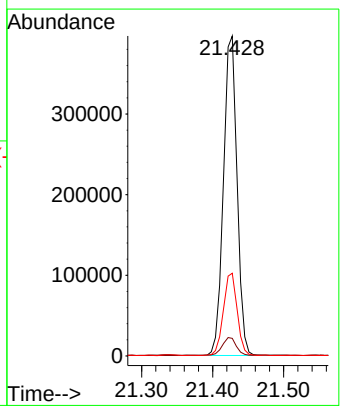
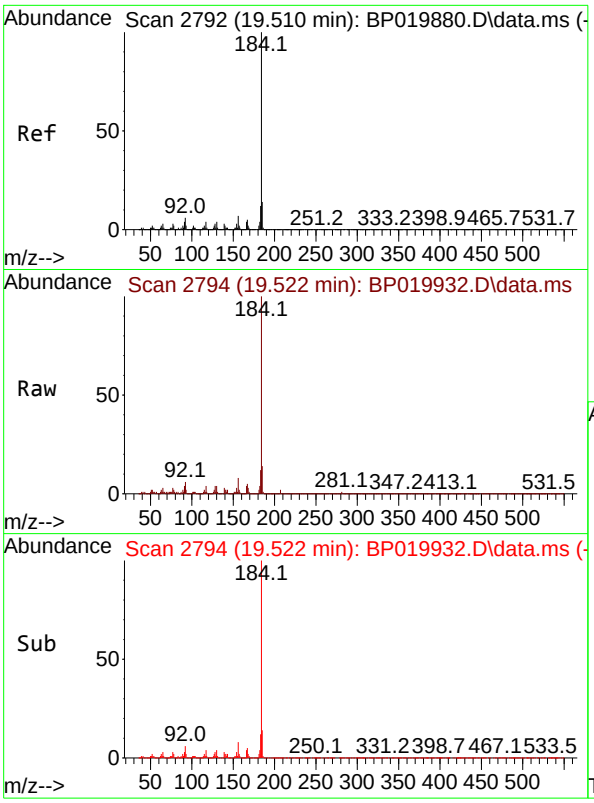


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:240 Resp: 524513

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.1	7.7
236	25.8	20.5	30.7

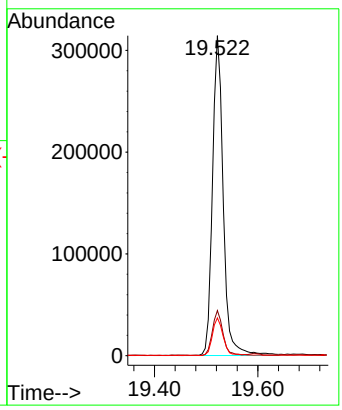




#77
Benzidine
Concen: 30.180 ng
RT: 19.522 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:184 Resp: 45471

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	11.8	9.3	13.9



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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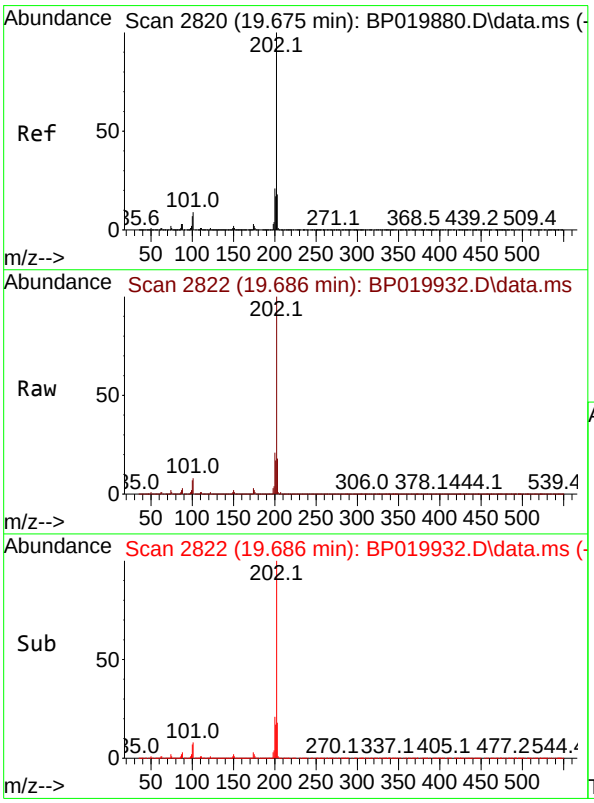
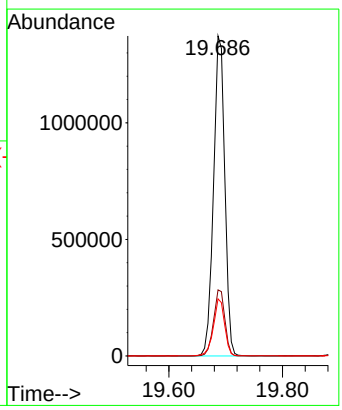
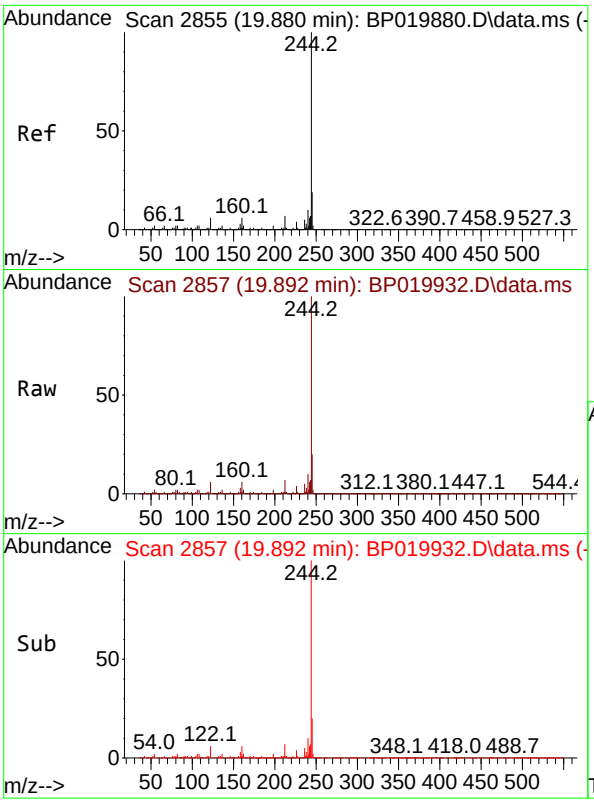


#78
Pyrene
Concen: 52.197 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:202 Resp: 1881026

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.8	14.2	21.2

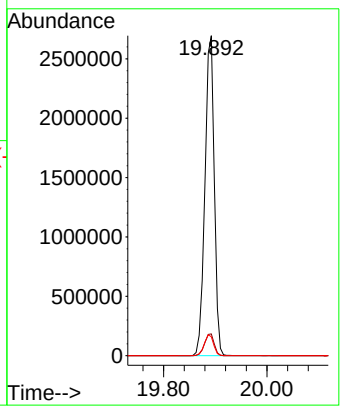




#79
Terphenyl-d14
Concen: 101.384 ng
RT: 19.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:244 Resp: 337388

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	5.9	5.0	7.6



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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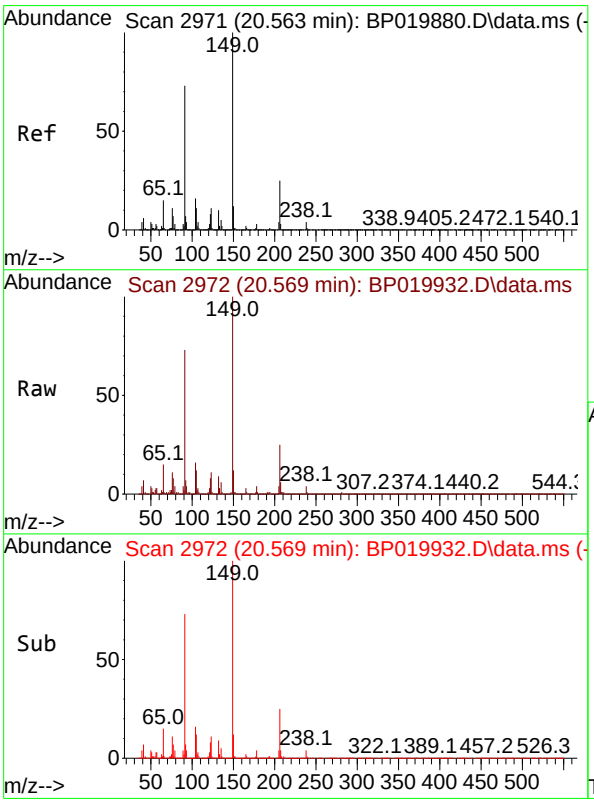
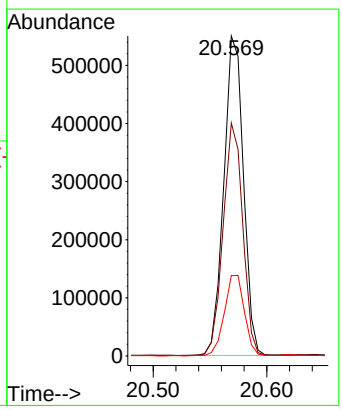
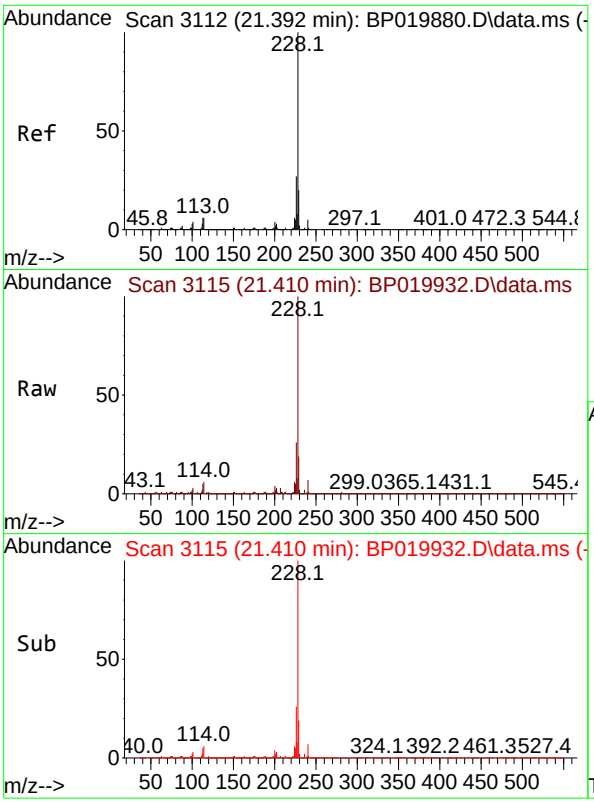


#80
Butylbenzylphthalate
Concen: 45.903 ng
RT: 20.569 min Scan# 2972
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:149 Resp: 661497

Ion	Ratio	Lower	Upper
149	100		
91	72.8	58.3	87.5
206	25.1	19.8	29.8

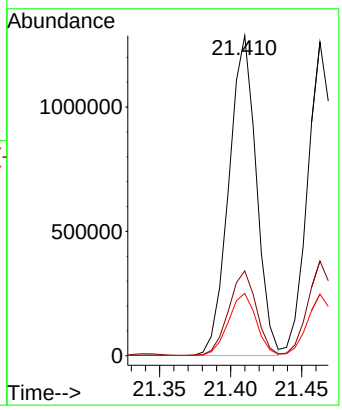




#81
Benzo(a)anthracene
Concen: 46.440 ng
RT: 21.410 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:228 Resp: 172904

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.5	32.3
229	19.4	15.6	23.4



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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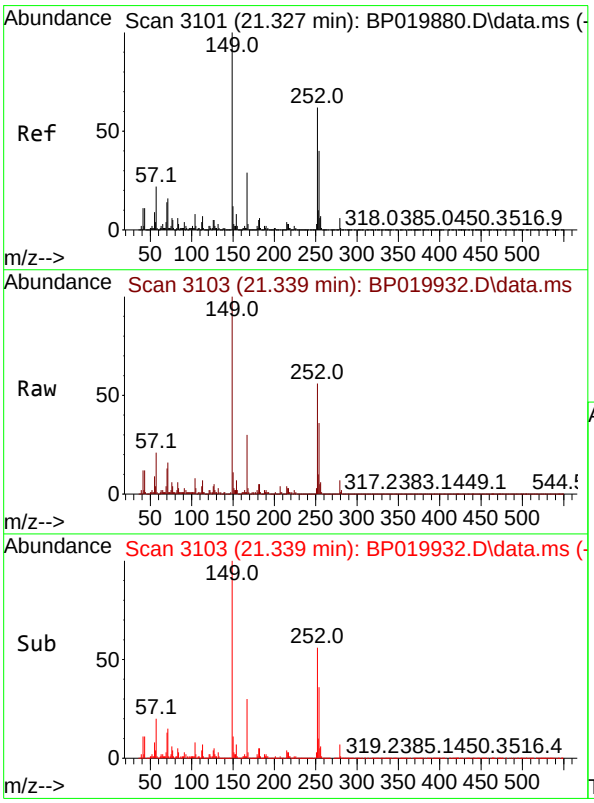
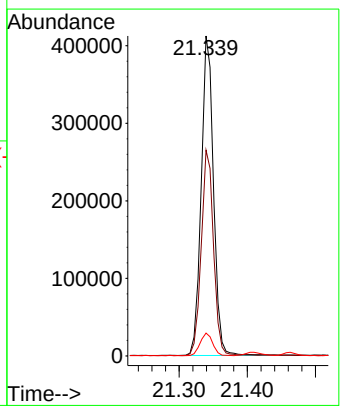
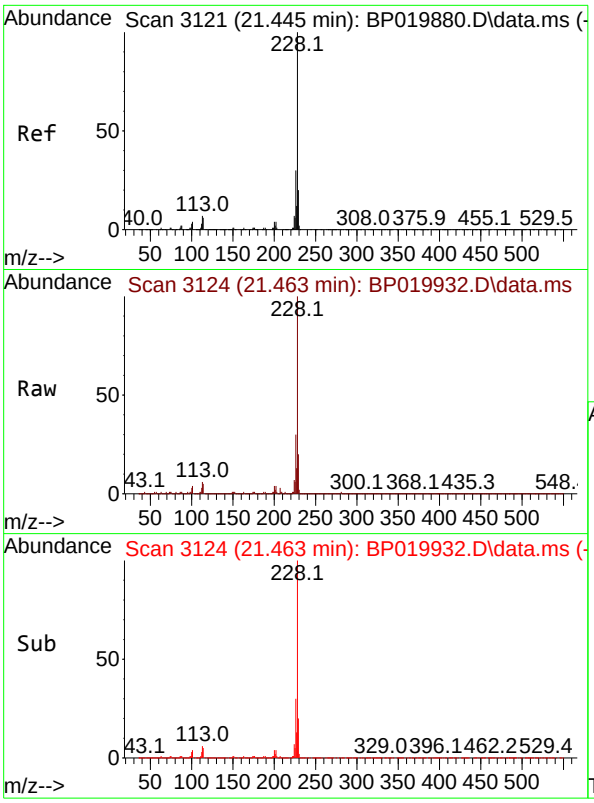


#82
3,3'-Dichlorobenzidine
Concen: 36.121 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:252 Resp: 515793

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.0	78.0
126	7.2	6.1	9.1

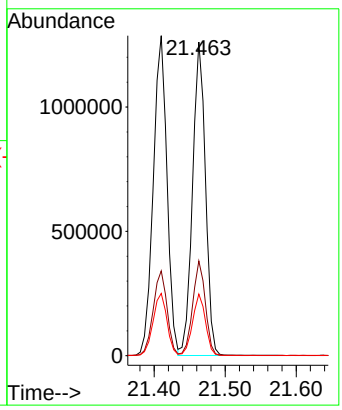




#83
Chrysene
Concen: 45.728 ng
RT: 21.463 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:228 Resp: 159533

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.6	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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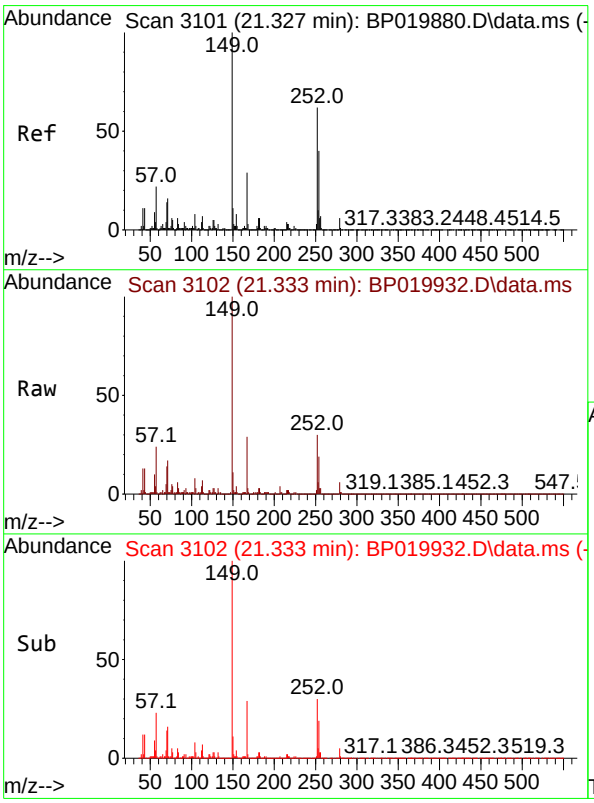
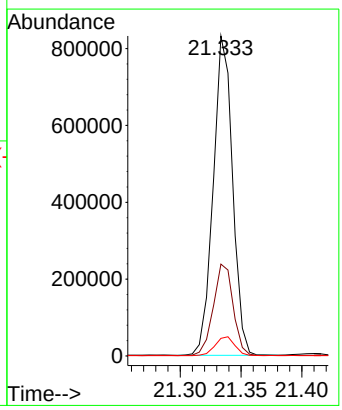
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

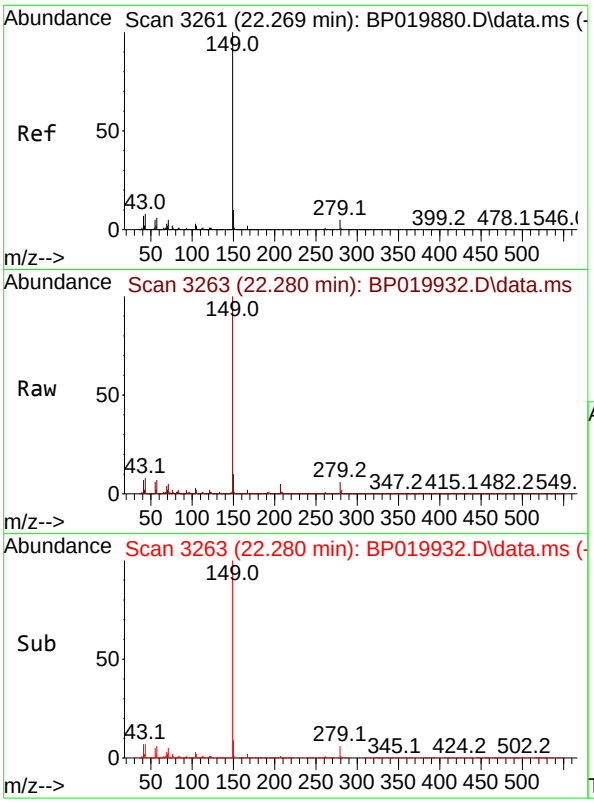


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.449 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:149 Resp: 919501

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.5	4.6	6.8





#85
Di-n-octyl phthalate
Concen: 44.358 ng
RT: 22.280 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:149 Resp: 152713

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.7	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Manual Integrations
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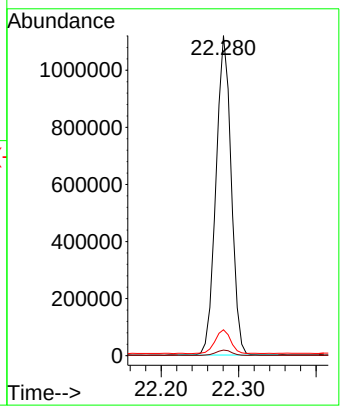
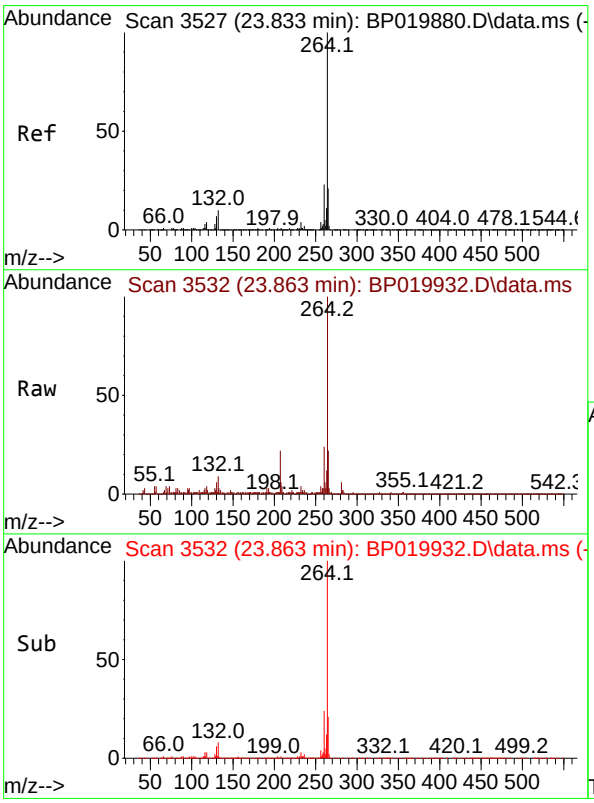
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

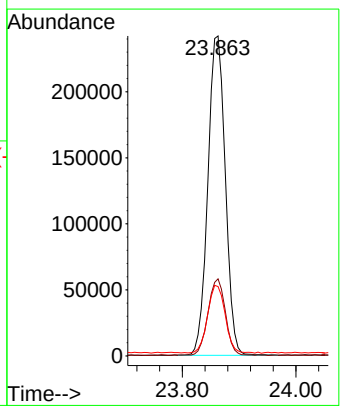


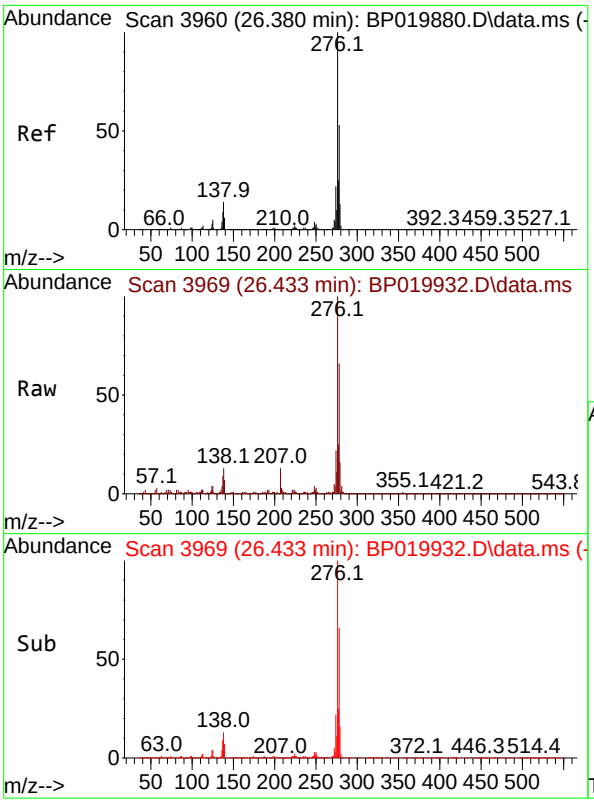


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:264 Resp: 515135

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	17.4	26.2

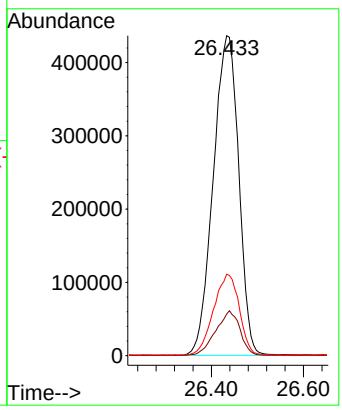




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.142 ng
RT: 26.433 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:276 Resp: 167339

Ion	Ratio	Lower	Upper
276	100		
138	13.2	11.7	17.5
277	25.4	20.2	30.4



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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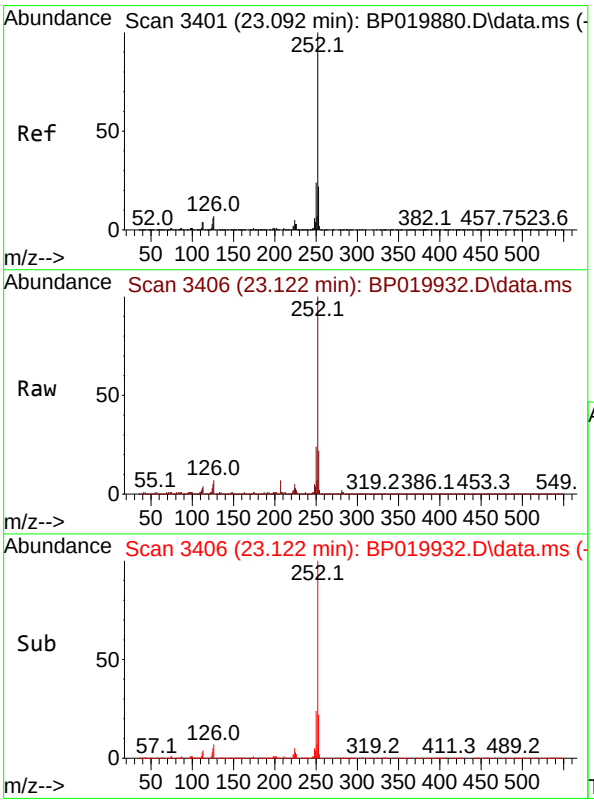
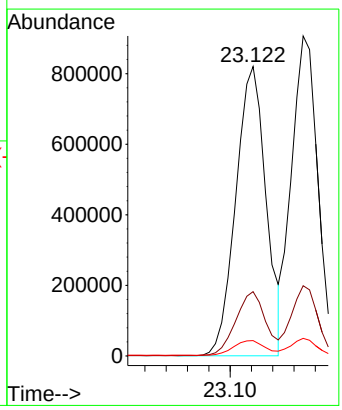
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

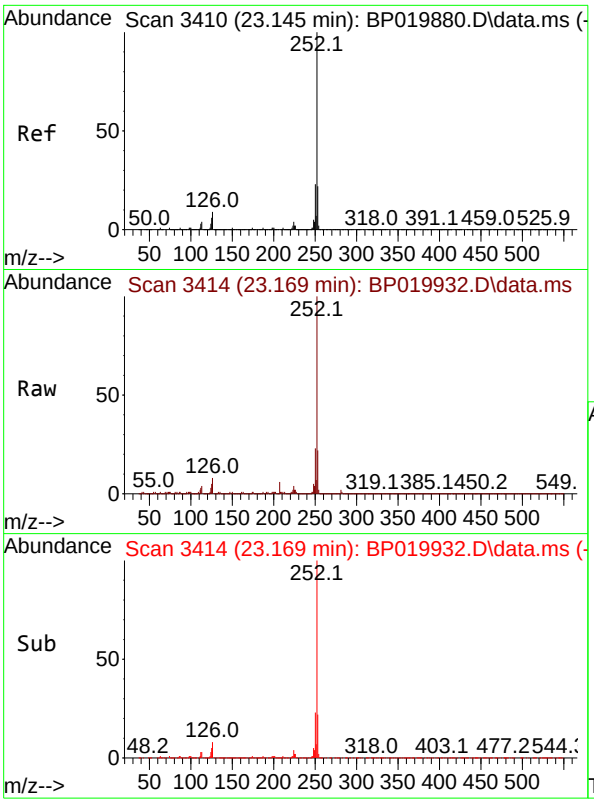


#88
Benzo(b)fluoranthene
Concen: 51.273 ng
RT: 23.122 min Scan# 3406
Delta R.T. 0.000 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:252 Resp: 1619313

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	5.3	4.6	7.0

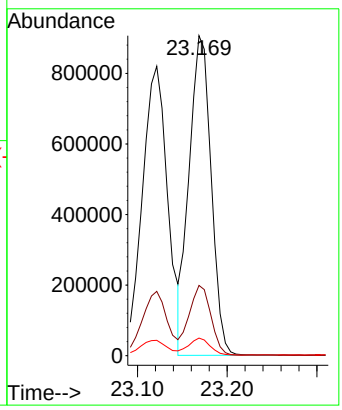




#89
Benzo(k)fluoranthene
Concen: 49.870 ng
RT: 23.169 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:252 Resp: 154466

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	5.5	4.6	6.8



Instrument :
BNA_P
ClientSampleId :
PB159345BS

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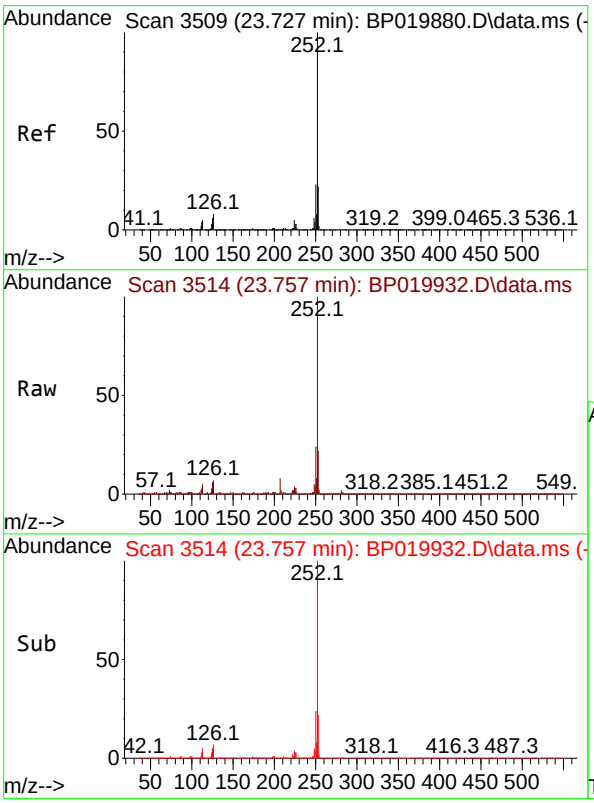
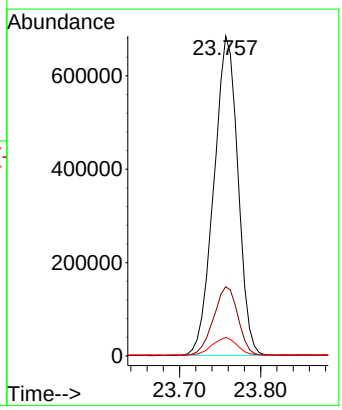
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

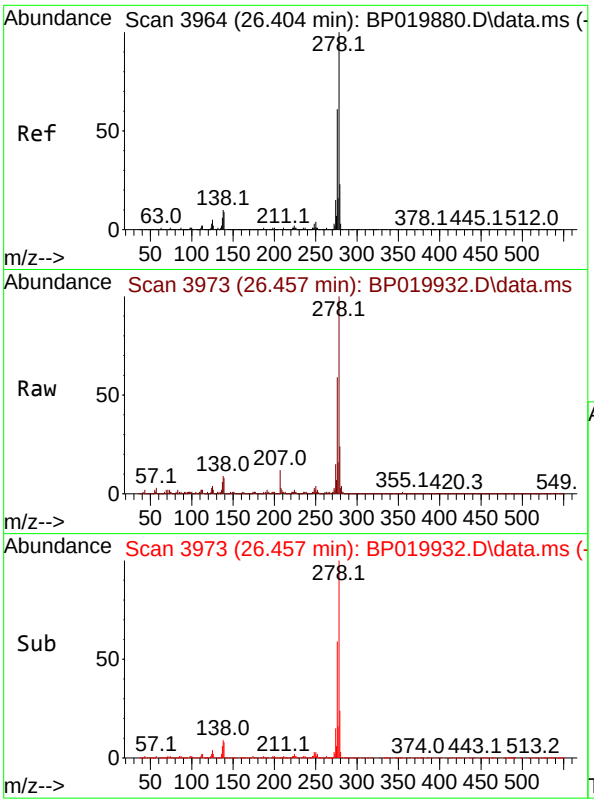


#90
Benzo(a)pyrene
Concen: 46.839 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:252 Resp: 1413688

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	5.8	5.2	7.8





#91
Dibenzo(a,h)anthracene
Concen: 46.232 ng
RT: 26.457 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:278 Resp: 140948

Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.4	11.0
279	24.2	18.7	28.1

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Manual Integrations
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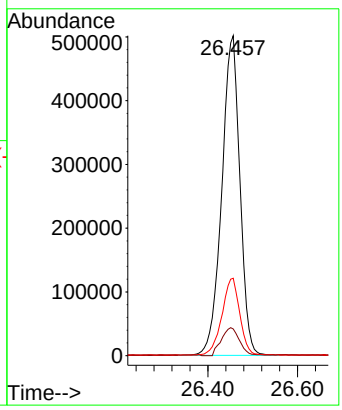
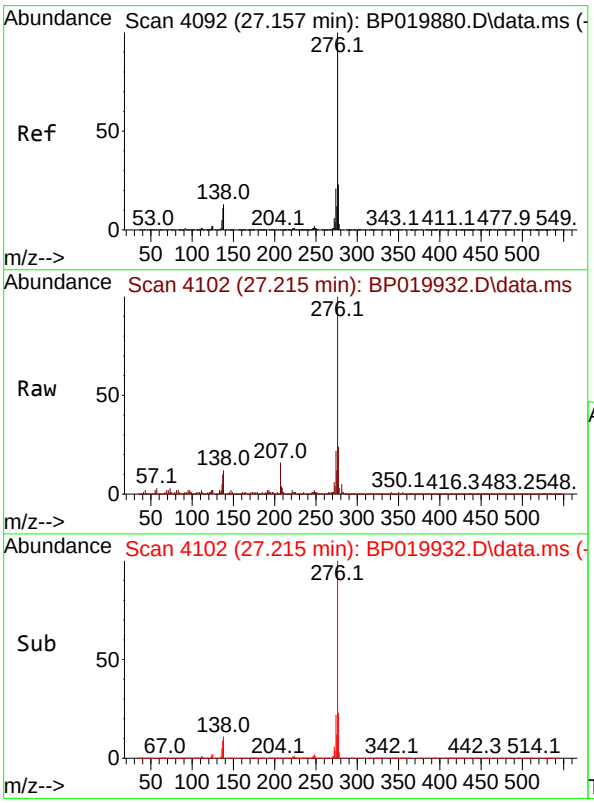
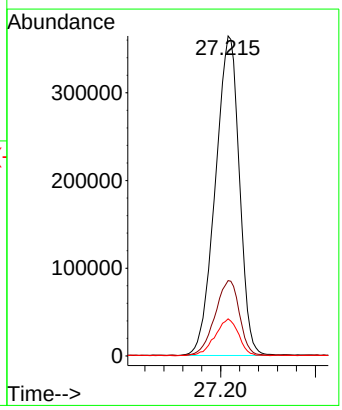
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024





#92
Benzo(g,h,i)perylene
Concen: 43.581 ng
RT: 27.215 min Scan# 4102
Delta R.T. -0.012 min
Lab File: BP019932.D
Acq: 29 Feb 2024 12:15

Tgt Ion:276 Resp: 1282626

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	11.6	10.2	15.2