Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
Data File : BM047245.D
Acq On : 19 Aug 2024 09:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 11:18:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	274830	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1117659	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	774502	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1666055	20.000	ng	0.00
76) Chrysene-d12	21.039	240	1393632	20.000	ng	0.00
86) Perylene-d12	23.744	264	1655413	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1082412	70.374	ng	0.00
7) Phenol-d6	6.581	99	1506202	71.069	ng	0.00
23) Nitrobenzene-d5	8.516	82	1544533	69.585	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	722218	80.421	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	3725750	74.203	ng	-0.01
79) Terphenyl-d14	19.462	244	5138818	79.011	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	204283	32.055	ng	96
3) Pyridine	3.405	79	618664	33.106	ng	97
4) n-Nitrosodimethylamine	3.322	42	249562	30.567	ng	96
6) Aniline	6.716	93	726743	36.280	ng	98
8) 2-Chlorophenol	6.946	128	613579	36.576	ng	97
9) Benzaldehyde	6.528	77	389532	32.528	ng	100
10) Phenol	6.610	94	743089	35.139	ng	98
11) bis(2-Chloroethyl)ether	6.816	93	624007	34.456	ng	98
12) 1,3-Dichlorobenzene	7.257	146	739956	37.119	ng	98
13) 1,4-Dichlorobenzene	7.399	146	750115	37.165	ng	99
14) 1,2-Dichlorobenzene	7.710	146	709235	37.243	ng	99
15) Benzyl Alcohol	7.616	79	595977m	39.512	ng	
16) 2,2'-oxybis(1-Chloropr...	7.904	45	770805m	33.169	ng	
17) 2-Methylphenol	7.828	107	522725	37.051	ng	98
18) Hexachloroethane	8.416	117	282269	36.104	ng	94
19) n-Nitroso-di-n-propyla...	8.175	70	490524	34.361	ng	98
20) 3+4-Methylphenols	8.157	107	730719	37.048	ng	99
22) Acetophenone	8.187	105	958453	35.527	ng	99
24) Nitrobenzene	8.557	77	785862	35.161	ng	96
25) Isophorone	9.081	82	1420787	36.763	ng	99
26) 2-Nitrophenol	9.257	139	391755	39.578	ng	95
27) 2,4-Dimethylphenol	9.340	122	445047	38.384	ng	99
28) bis(2-Chloroethoxy)met...	9.563	93	871685	35.845	ng	99
29) 2,4-Dichlorophenol	9.792	162	692233	40.237	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	768282	39.461	ng	99
31) Naphthalene	10.175	128	2030688	36.472	ng	100
32) Benzoic acid	9.534	122	560880	41.637	ng	97
33) 4-Chloroaniline	10.298	127	808887	37.779	ng	99
34) Hexachlorobutadiene	10.457	225	475986	41.770	ng	99
35) Caprolactam	11.110	113	235829	39.472	ng	92
36) 4-Chloro-3-methylphenol	11.451	107	706688	38.570	ng	99
37) 2-Methylnaphthalene	11.798	142	1491295	37.618	ng	99
38) 1-Methylnaphthalene	12.028	142	1462706	37.334	ng	98
40) 1,2,4,5-Tetrachloroben...	12.186	216	841763	39.847	ng	98
41) Hexachlorocyclopentadiene	12.157	237	239288	32.439	ng	95
43) 2,4,6-Trichlorophenol	12.445	196	599628	39.935	ng	98

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
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Instrument :
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ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	668381	40.092	ng	97
46) 1,1'-Biphenyl	12.851	154	1967045	35.675	ng	99
47) 2-Chloronaphthalene	12.886	162	1538296	35.695	ng	98
48) 2-Nitroaniline	13.110	65	470455	34.845	ng	96
49) Acenaphthylene	13.745	152	2296157	36.146	ng	100
50) Dimethylphthalate	13.510	163	1999459	36.964	ng	100
51) 2,6-Dinitrotoluene	13.628	165	481854	38.107	ng	88
52) Acenaphthene	14.092	154	1452604	36.049	ng	98
53) 3-Nitroaniline	13.957	138	473408	37.363	ng	97
54) 2,4-Dinitrophenol	14.180	184	274199	36.181	ng	92
55) Dibenzofuran	14.433	168	2296458	36.080	ng	98
56) 4-Nitrophenol	14.310	139	400919	36.695	ng	97
57) 2,4-Dinitrotoluene	14.433	165	635042	37.626	ng	97
58) Fluorene	15.092	166	1908826	36.346	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.680	232	550495	40.178	ng	93
60) Diethylphthalate	14.892	149	2006026	36.316	ng	98
61) 4-Chlorophenyl-phenyle...	15.098	204	943737	37.746	ng	96
62) 4-Nitroaniline	15.133	138	462456	37.048	ng	96
63) Azobenzene	15.392	77	1742713	33.274	ng	95
65) 4,6-Dinitro-2-methylph...	15.204	198	382355	39.198	ng	90
66) n-Nitrosodiphenylamine	15.316	169	1636928	36.072	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	621686	38.724	ng	98
68) Hexachlorobenzene	16.104	284	723291	37.617	ng	95
69) Atrazine	16.292	200	548707	40.182	ng	99
70) Pentachlorophenol	16.457	266	524917	38.946	ng	98
71) Phenanthrene	16.833	178	2985541	35.707	ng	100
72) Anthracene	16.927	178	2959126	36.372	ng	100
73) Carbazole	17.210	167	2971451	35.772	ng	99
74) Di-n-butylphthalate	17.792	149	3566712	36.901	ng	100
75) Fluoranthene	18.874	202	3736572	36.741	ng	99
77) Benzidine	19.080	184	1751945	74.129	ng	99
78) Pyrene	19.239	202	3870284	38.894	ng	99
80) Butylbenzylphthalate	20.174	149	1617756	39.837	ng	97
81) Benzo(a)anthracene	21.021	228	3372910	36.457	ng	99
82) 3,3'-Dichlorobenzidine	20.962	252	1158555	40.023	ng	99
83) Chrysene	21.080	228	3142558	35.801	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2219045	38.531	ng	99
85) Di-n-octyl phthalate	22.009	149	3946297	40.314	ng	98
87) Indeno(1,2,3-cd)pyrene	26.756	276	3492007	32.635	ng	98
88) Benzo(b)fluoranthene	22.898	252	3442805	35.020	ng	100
89) Benzo(k)fluoranthene	22.956	252	3246337	34.961	ng	99
90) Benzo(a)pyrene	23.621	252	2998995	35.215	ng	98
91) Dibenzo(a,h)anthracene	26.803	278	2874097	33.190	ng	99
92) Benzo(g,h,i)perylene	27.685	276	2876281	31.992	ng	98

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

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ClientSampleId :
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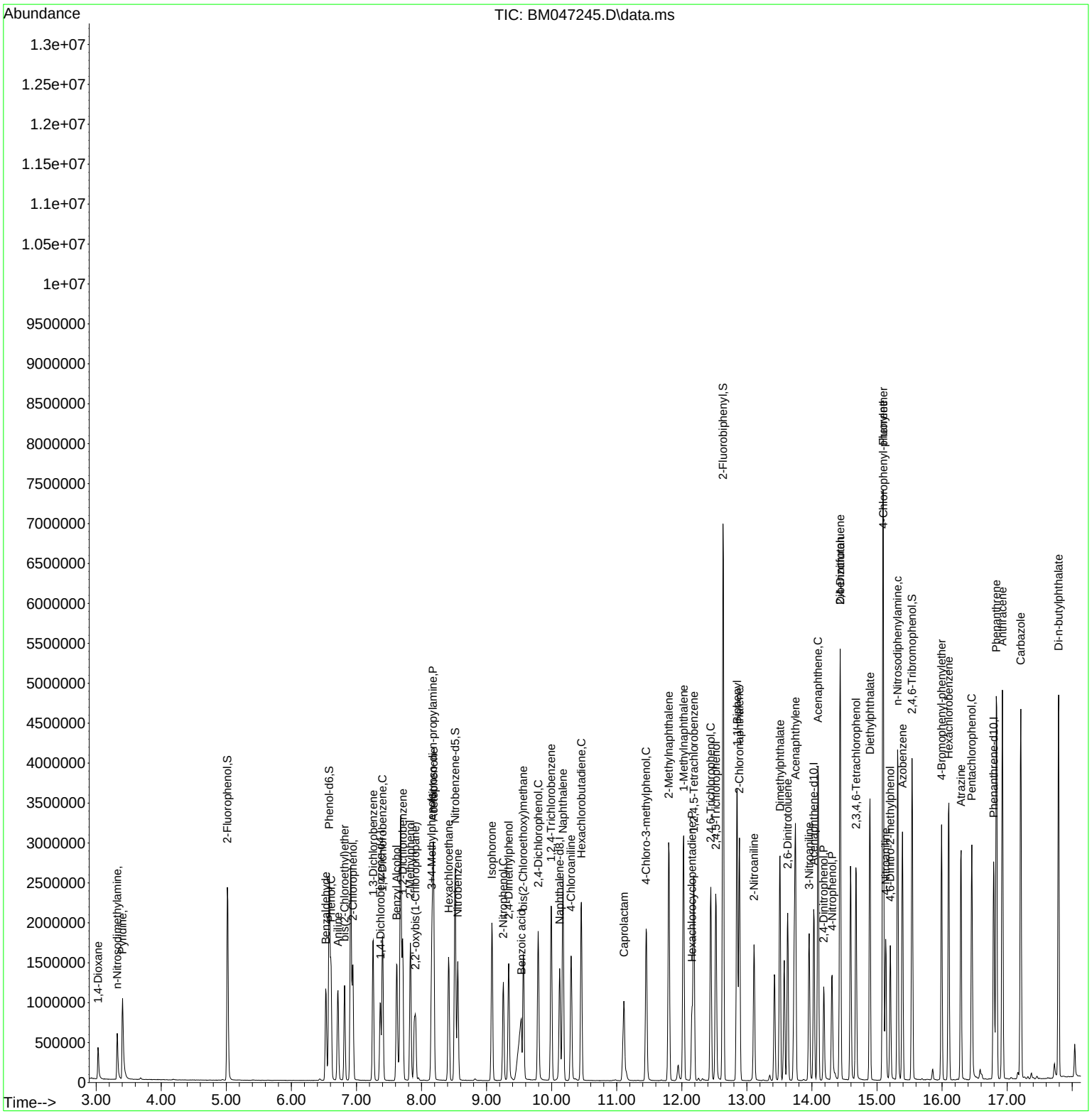
Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



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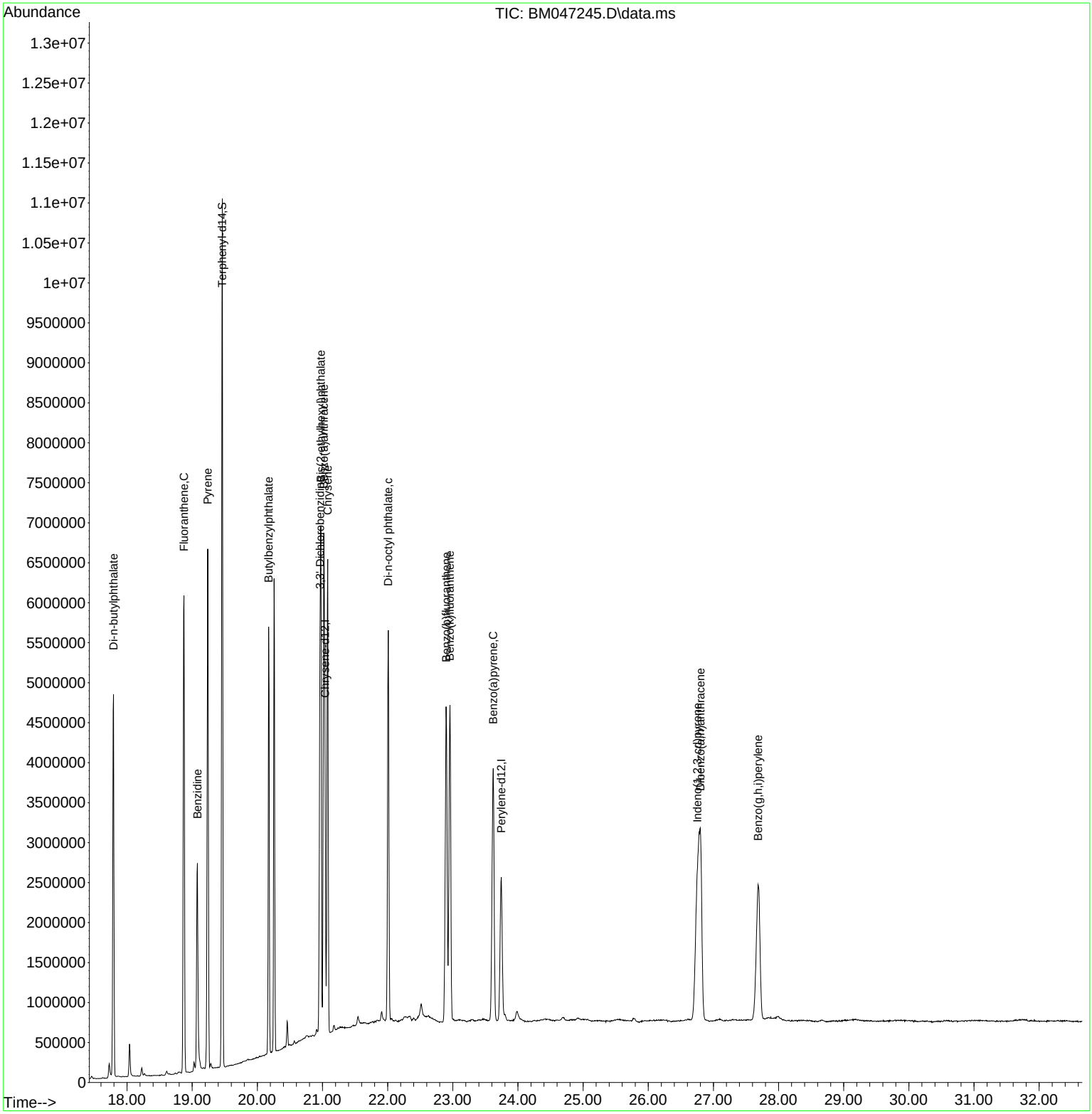
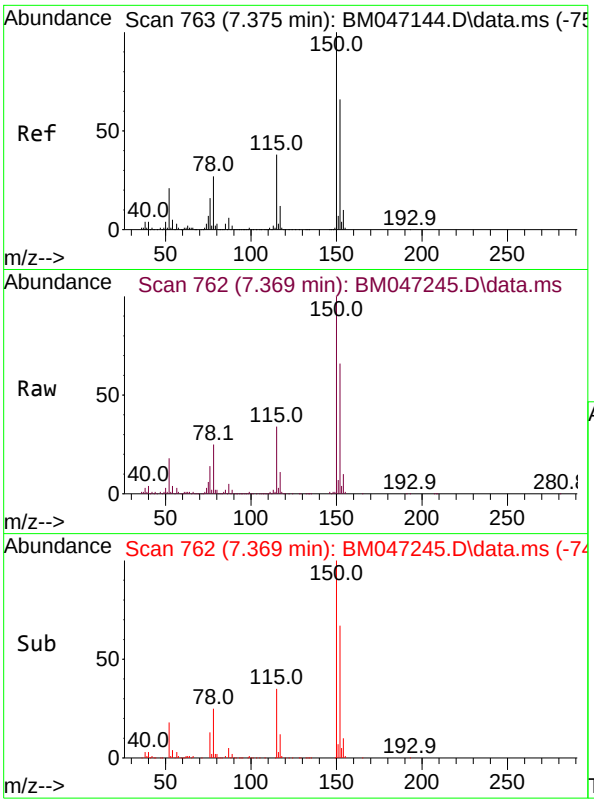
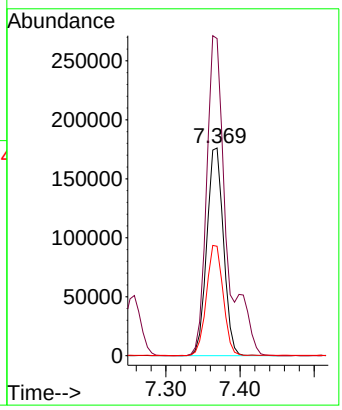




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7(
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:152 Resp: 27483(

Ion	Ratio	Lower	Upper
152	100		
150	152.7	120.5	180.7
115	52.7	45.5	68.3



Instrument :
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Manual Integrations
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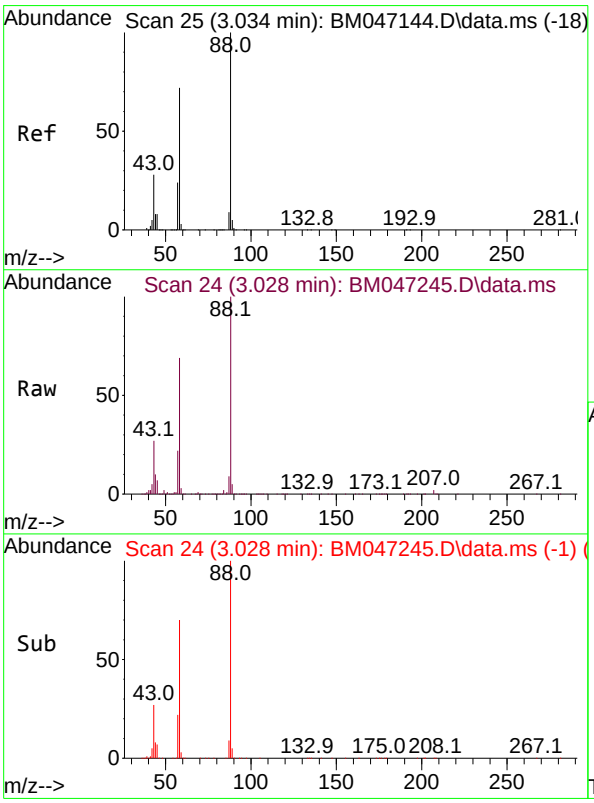
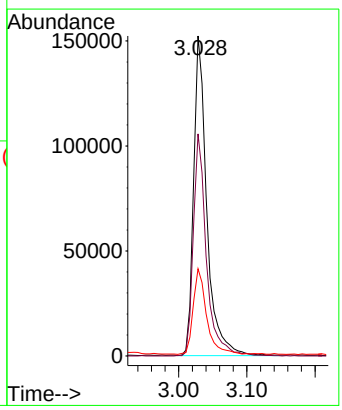
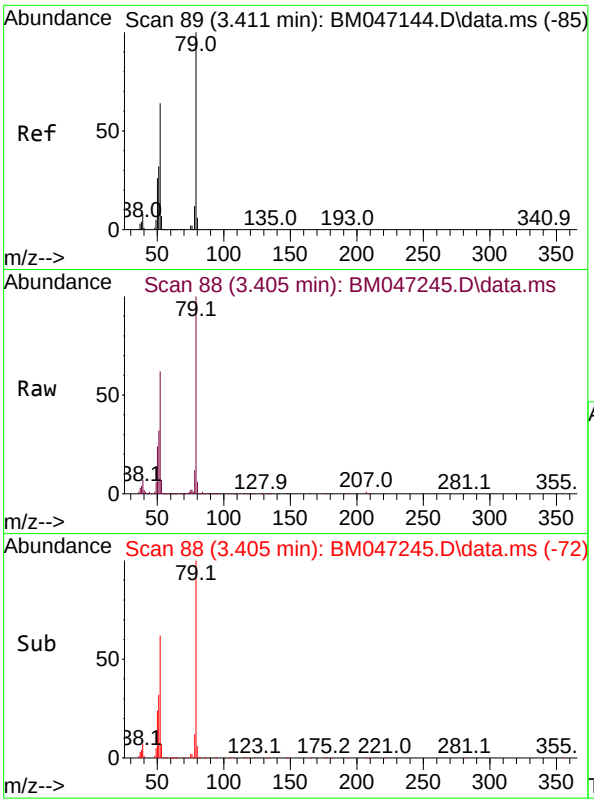


#2
1,4-Dioxane
Concen: 32.055 ng
RT: 3.028 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 88 Resp: 204283

Ion	Ratio	Lower	Upper
88	100		
58	69.1	58.2	87.4
43	27.2	22.5	33.7

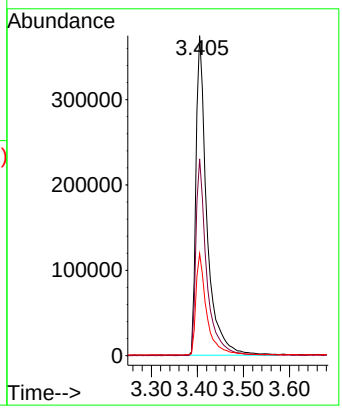




#3
Pyridine
Concen: 33.106 ng
RT: 3.405 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 79 Resp: 61866

Ion	Ratio	Lower	Upper
79	100		
52	61.5	51.2	76.8
51	31.9	26.1	39.1



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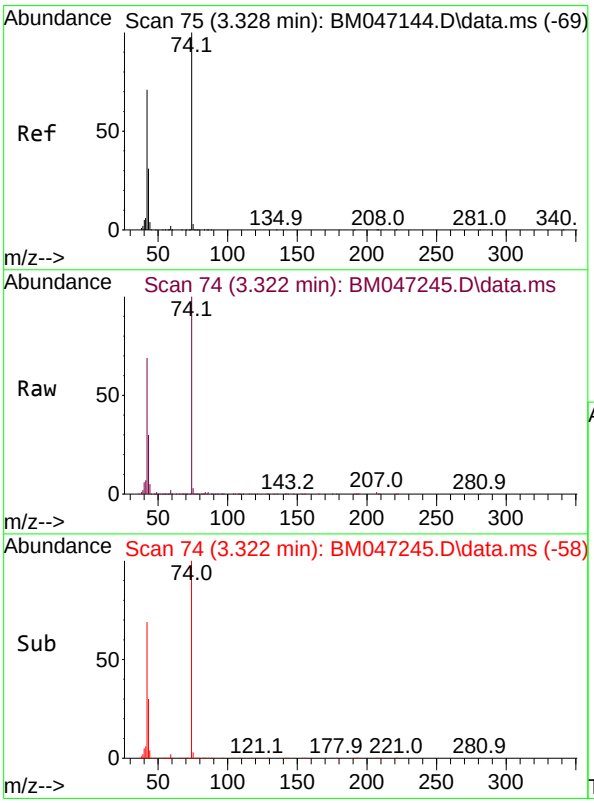
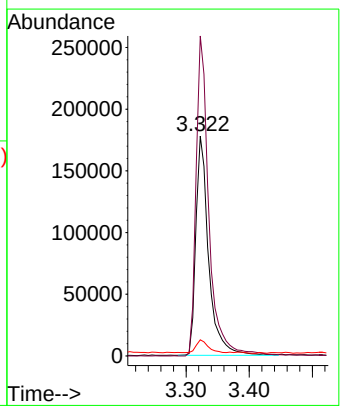
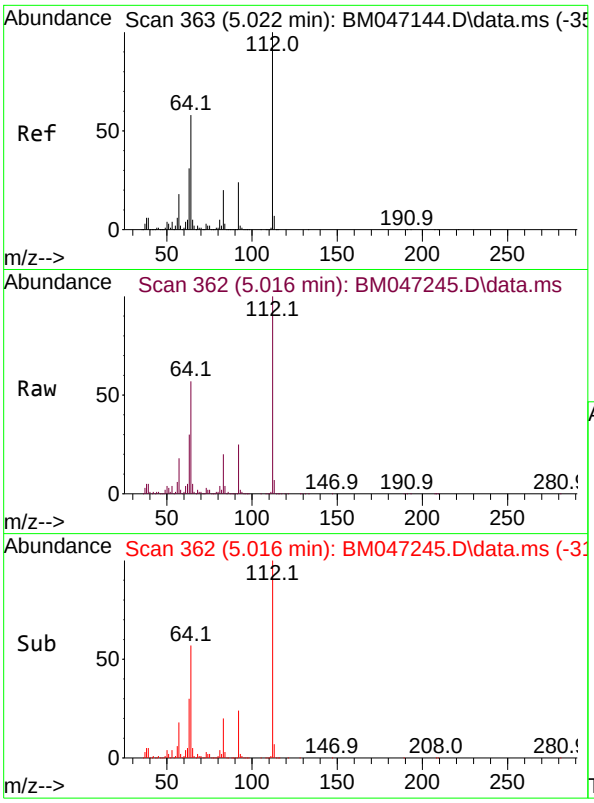


#4
n-Nitrosodimethylamine
Concen: 30.567 ng
RT: 3.322 min Scan# 74
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 42 Resp: 249562

Ion	Ratio	Lower	Upper
42	100		
74	145.5	112.9	169.3
44	7.3	5.3	7.9





#5
2-Fluorophenol
Concen: 70.374 ng
RT: 5.016 min Scan# 3(
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:112 Resp: 108241

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.7	70.1
63	30.0	24.8	37.2

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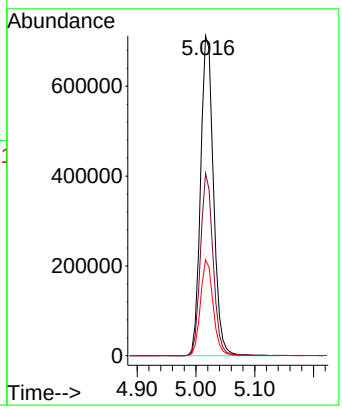
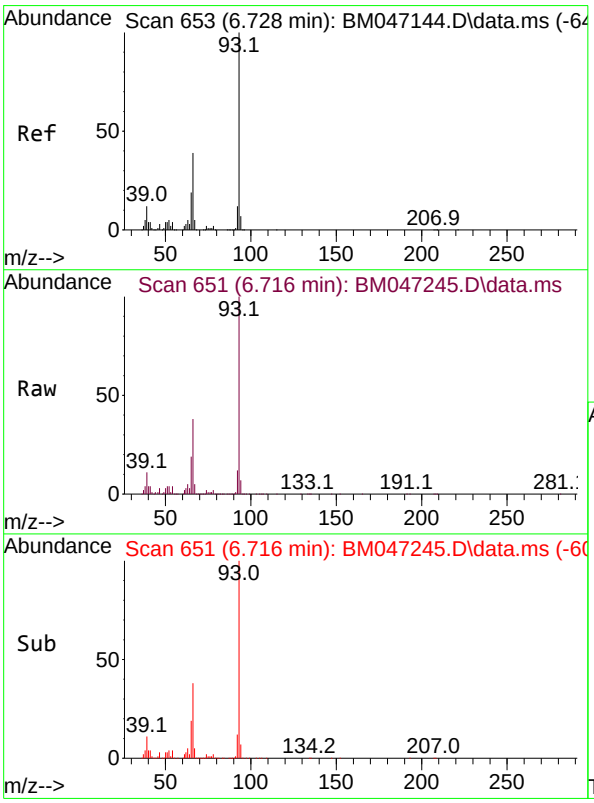
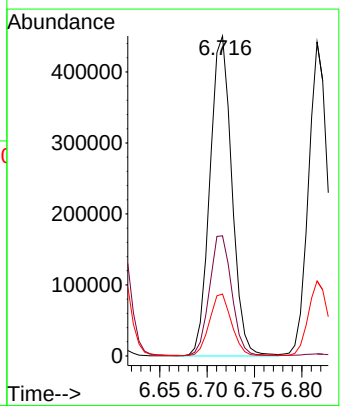


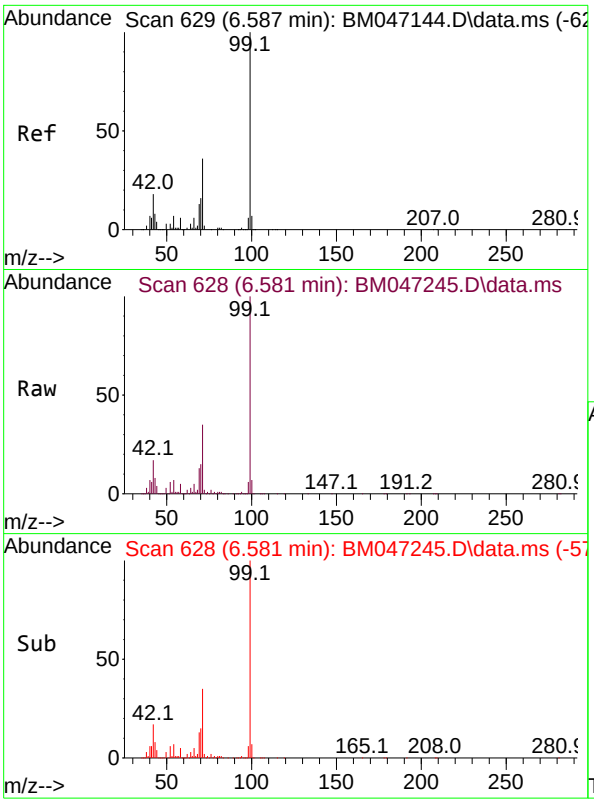


#6
Aniline
Concen: 36.280 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 93 Resp: 726743

Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.4	47.2
65	19.3	15.6	23.4

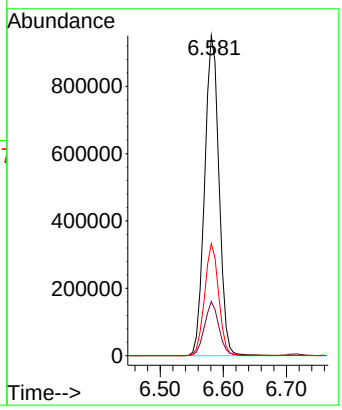




#7
Phenol-d6
Concen: 71.069 ng
RT: 6.581 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 99 Resp: 150620

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	35.0	28.5	42.7



Instrument :
BNA_M
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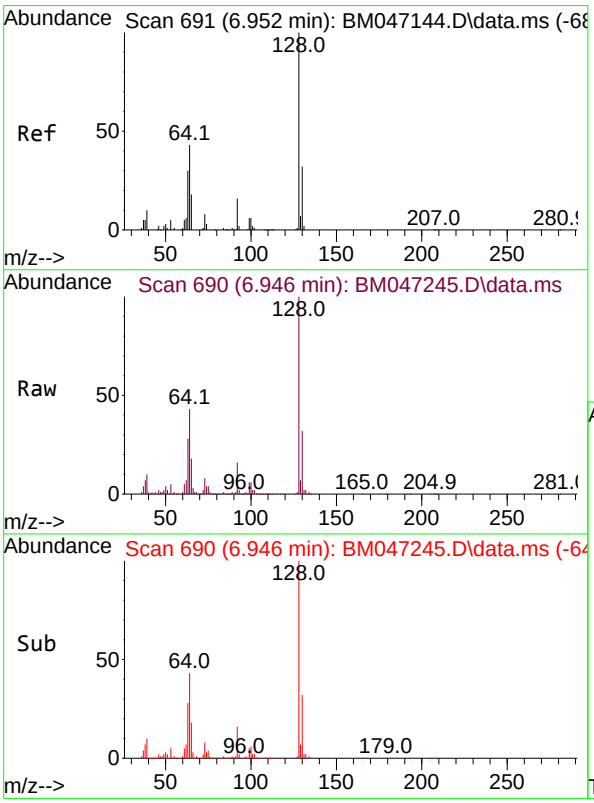
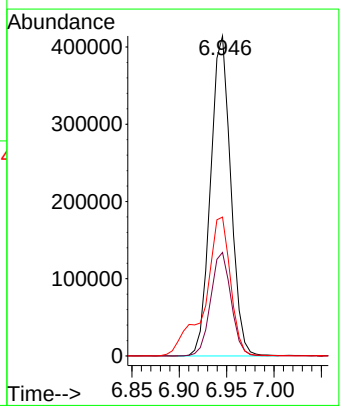
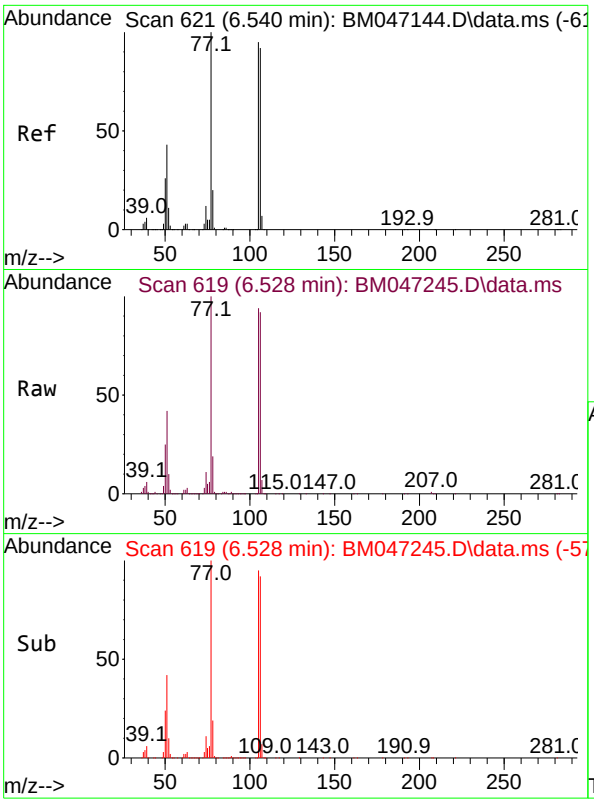


#8
2-Chlorophenol
Concen: 36.576 ng
RT: 6.946 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:128 Resp: 613579

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.1	52.1
64	43.4	26.6	66.6

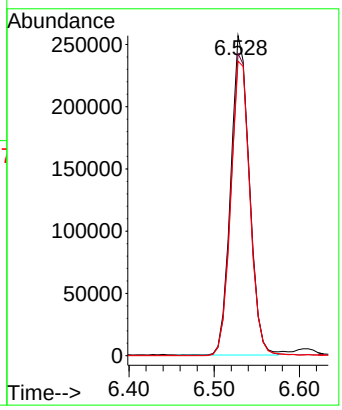




#9
Benzaldehyde
Concen: 32.528 ng
RT: 6.528 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 77 Resp: 38953

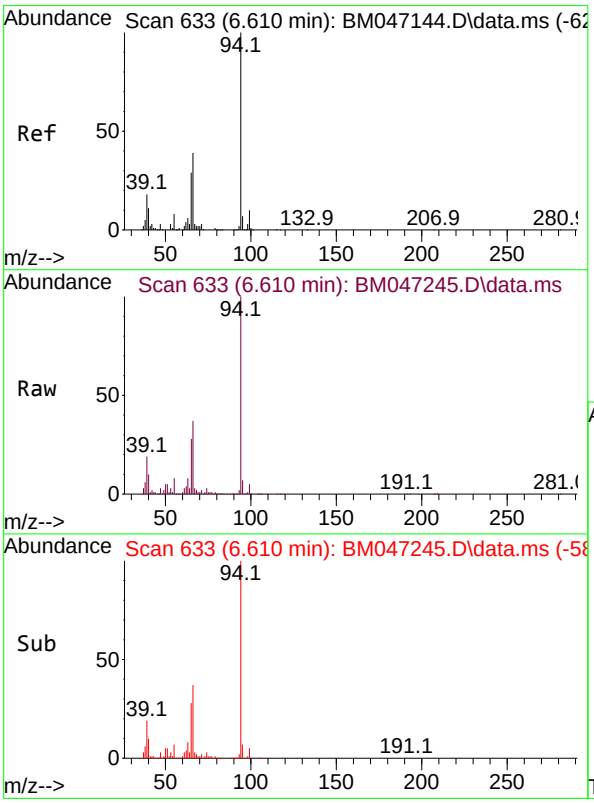
Ion	Ratio	Lower	Upper
77	100		
105	94.4	74.5	114.5
106	92.0	72.3	112.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

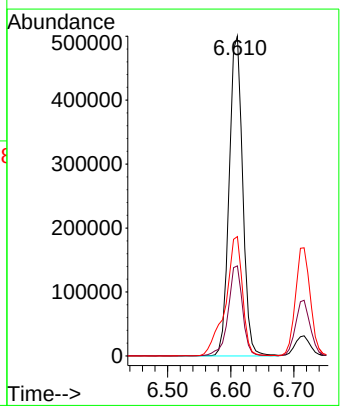
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

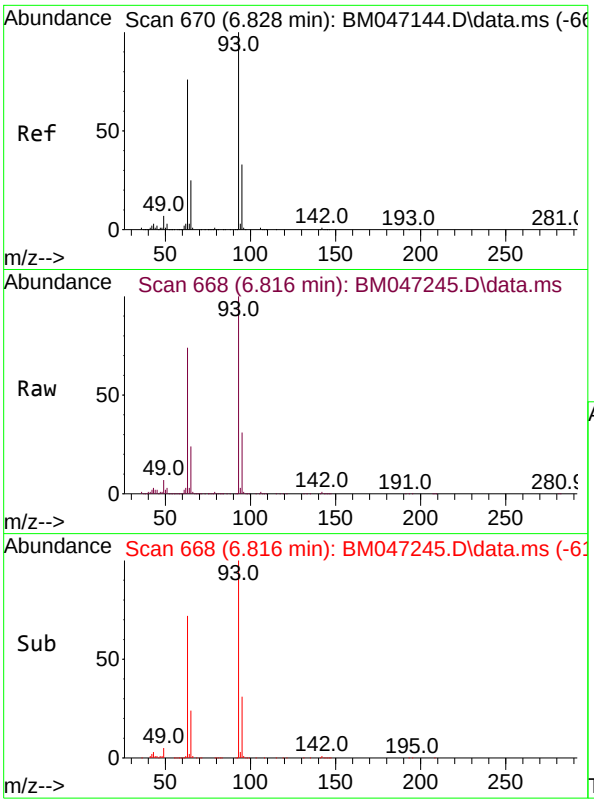


#10
Phenol
Concen: 35.139 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 94 Resp: 743089

Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.0	49.0
66	37.3	18.9	58.9

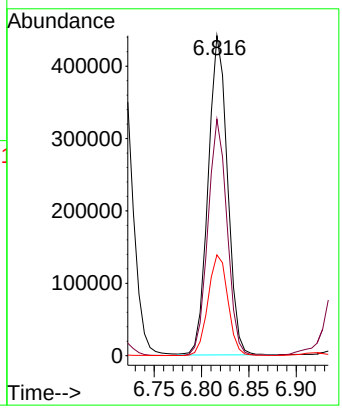




#11
bis(2-Chloroethyl)ether
Concen: 34.456 ng
RT: 6.816 min Scan# 6(
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 93 Resp: 62400

Ion	Ratio	Lower	Upper
93	100		
63	73.9	55.8	95.8
95	31.5	12.7	52.7



Instrument :
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ClientSampleId :
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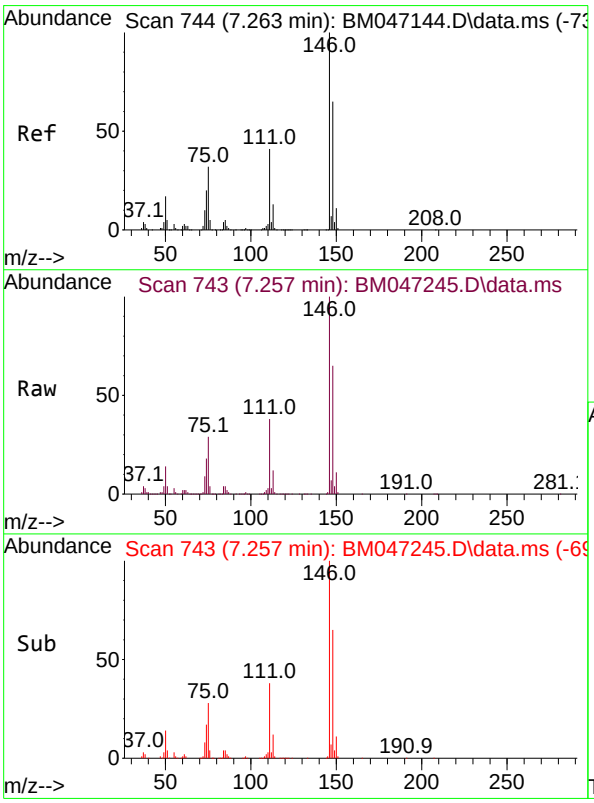
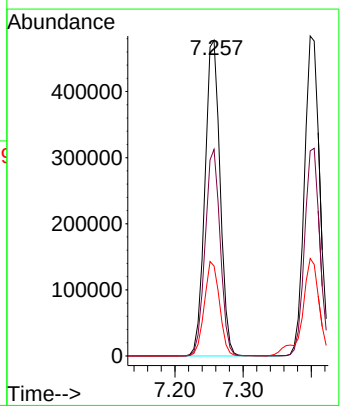
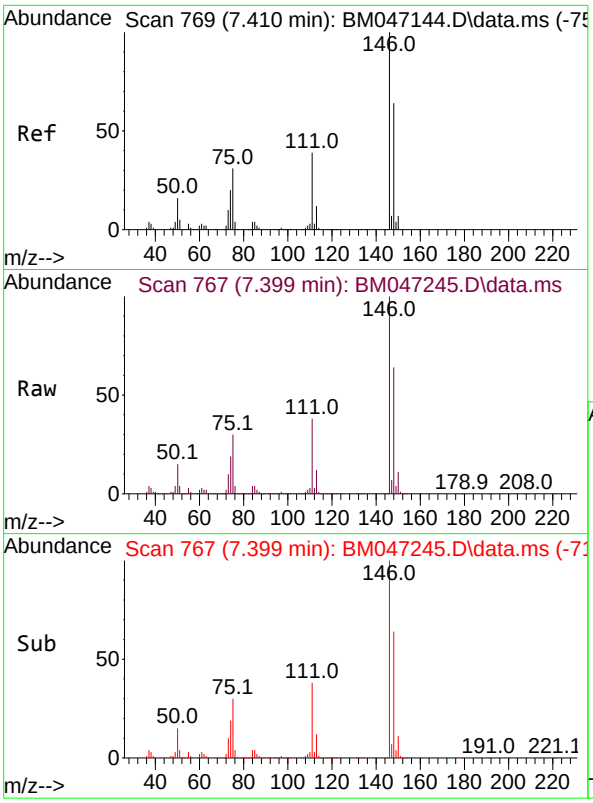


#12
1,3-Dichlorobenzene
Concen: 37.119 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:146 Resp: 739956

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
75	28.5	25.8	38.6

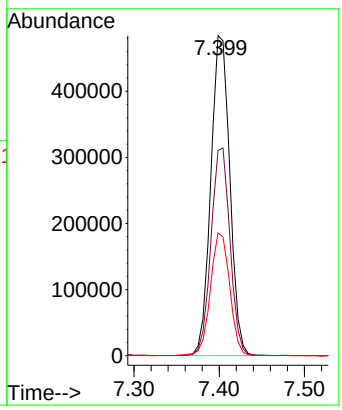




#13
1,4-Dichlorobenzene
Concen: 37.165 ng
RT: 7.399 min Scan# 7
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:146 Resp: 75011

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	38.4	31.5	47.3



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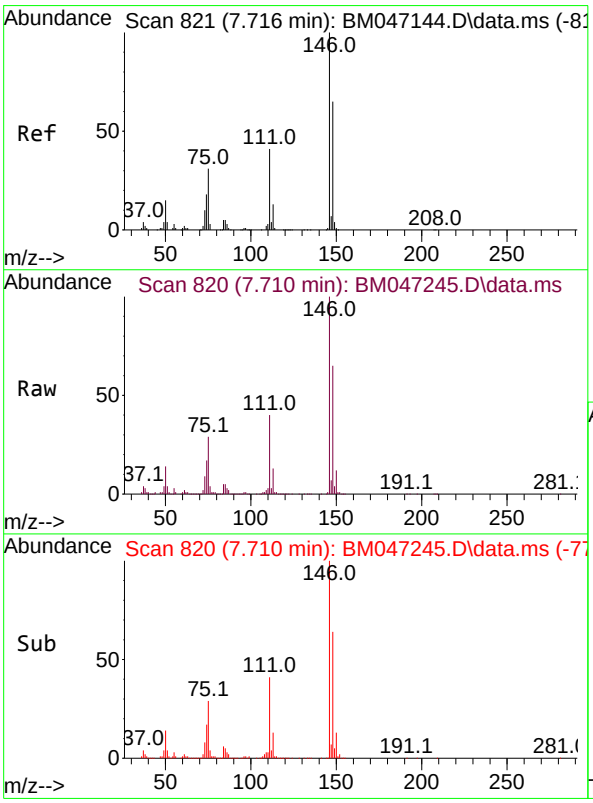
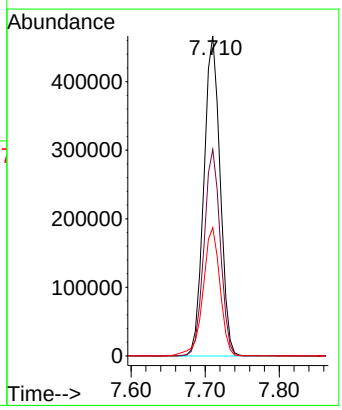
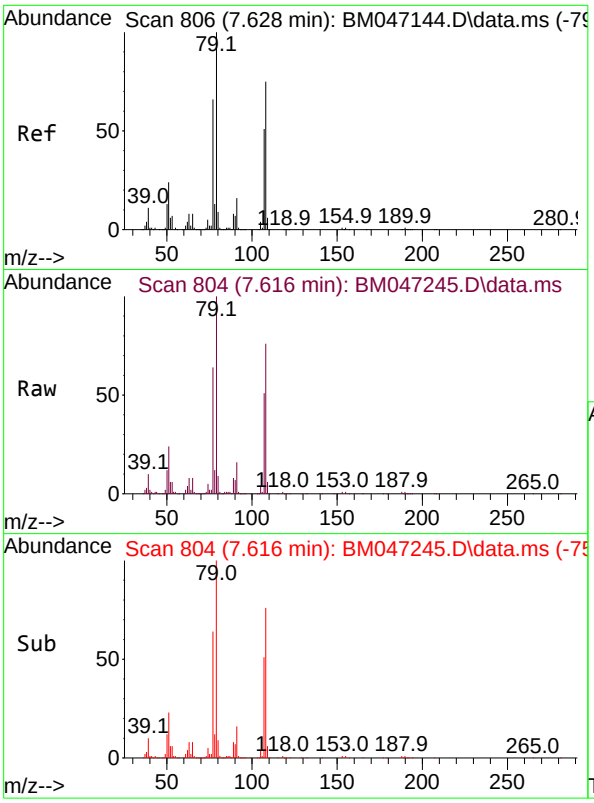


#14
1,2-Dichlorobenzene
Concen: 37.243 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:146 Resp: 709235

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
111	40.1	33.3	49.9





#15
Benzyl Alcohol
Concen: 39.512 ng m
RT: 7.616 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 79 Resp: 59597

Ion	Ratio	Lower	Upper
79	100		
108	75.6	59.7	89.5
77	63.6	52.9	79.3

Instrument :
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ClientSampleId :
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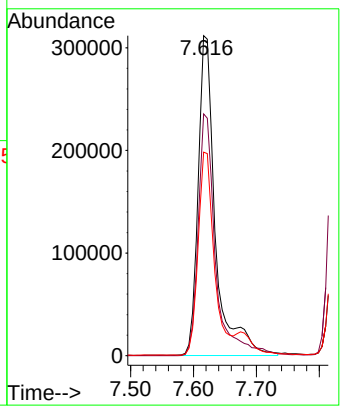
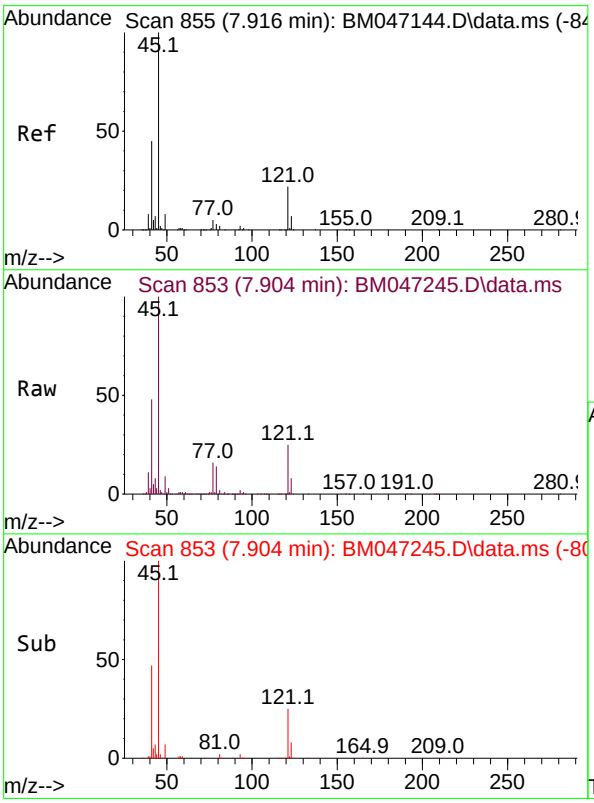
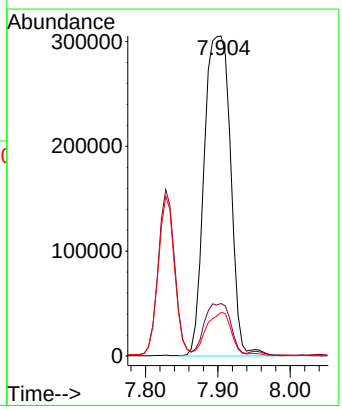


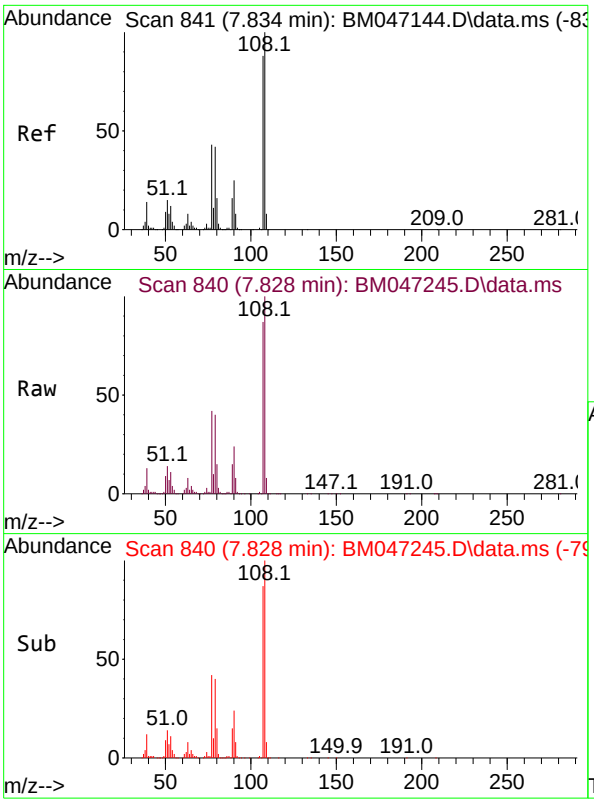


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.169 ng m
RT: 7.904 min Scan# 853
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 45 Resp: 770805

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	35.6
79	13.6	0.0	32.4

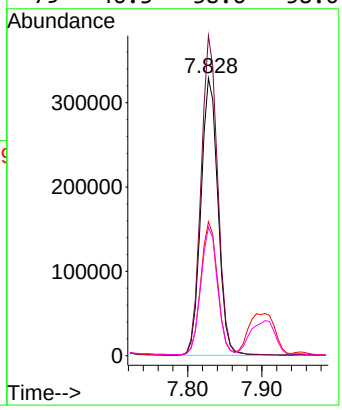




#17
2-Methylphenol
Concen: 37.051 ng
RT: 7.828 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:107 Resp: 52272

Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.6	135.8
77	48.2	39.3	58.9
79	46.3	38.6	58.0



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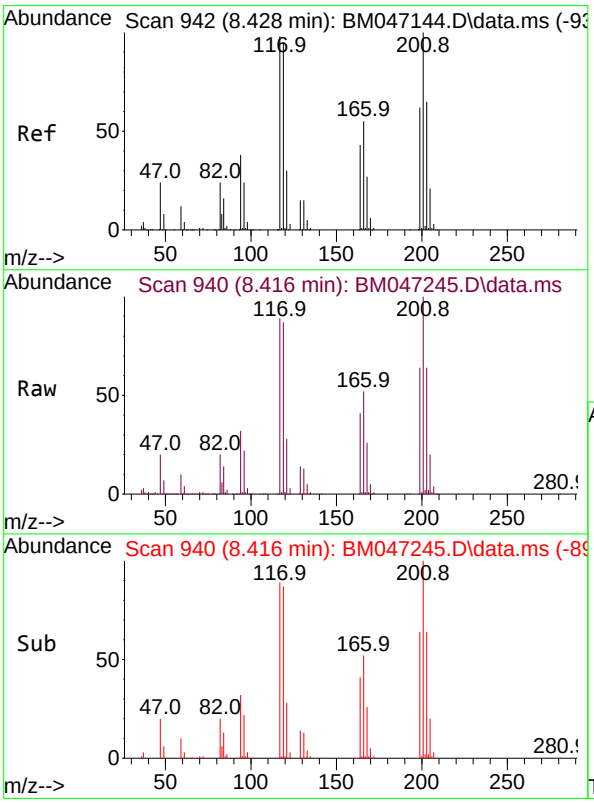
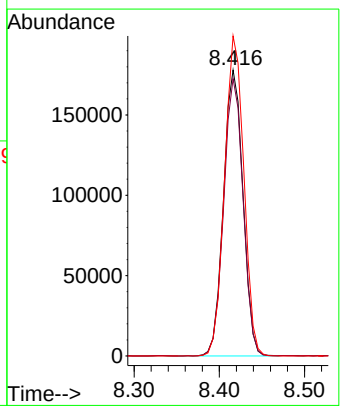
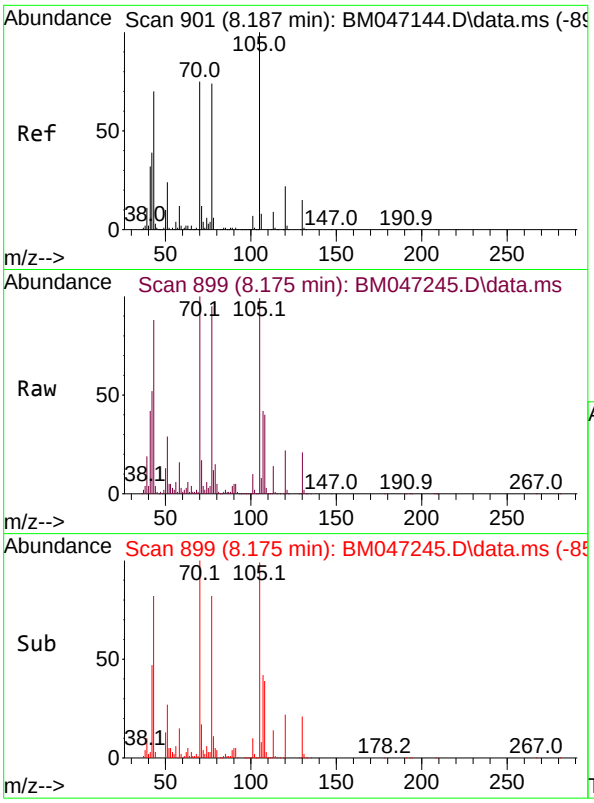


#18
Hexachloroethane
Concen: 36.104 ng
RT: 8.416 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:117 Resp: 282269

Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.0	115.4
201	111.9	81.3	121.9

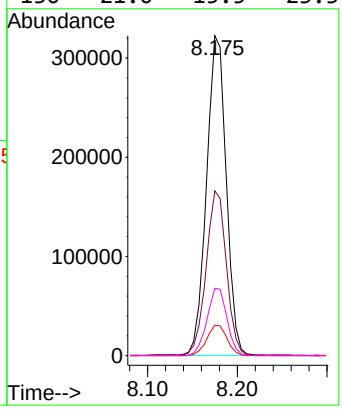




#19
n-Nitroso-di-n-propylamine
Concen: 34.361 ng
RT: 8.175 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 70 Resp: 49052

Ion	Ratio	Lower	Upper
70	100		
42	51.5	42.0	63.0
101	9.6	7.2	10.8
130	21.0	15.5	23.3



Instrument :
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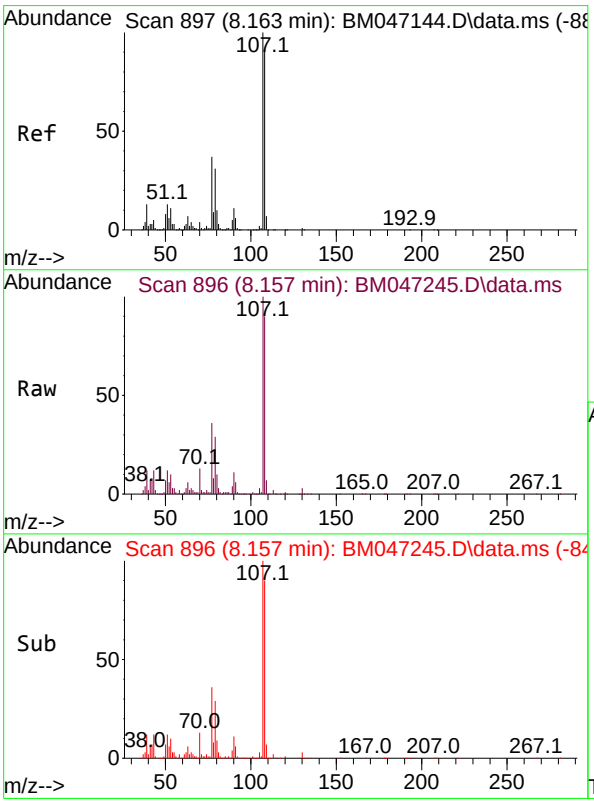
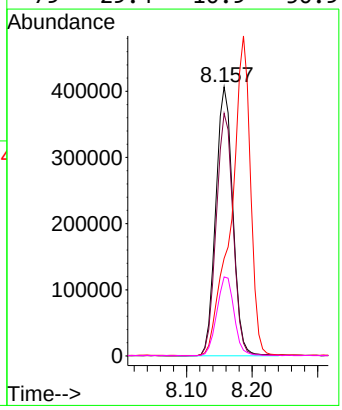
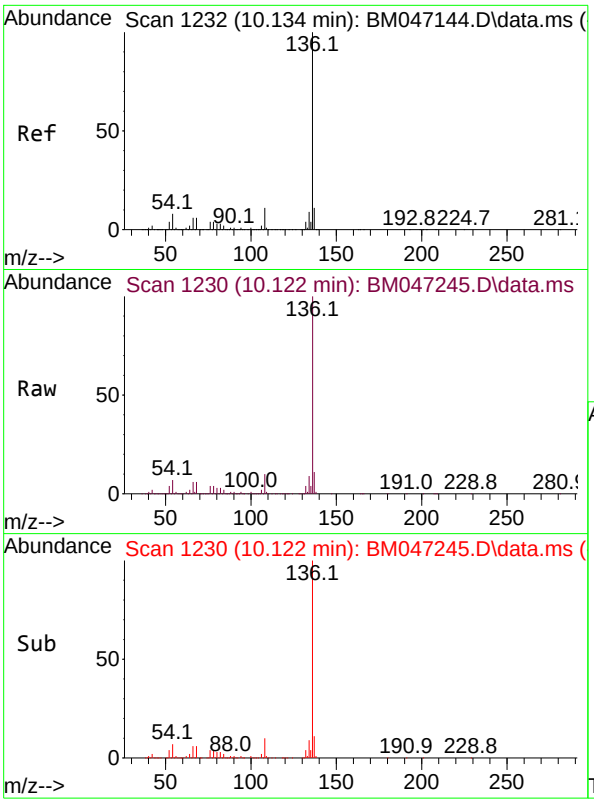


#20
3+4-Methylphenols
Concen: 37.048 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:107 Resp: 730719

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.7	110.7
77	36.3	17.4	57.4
79	29.4	10.9	50.9

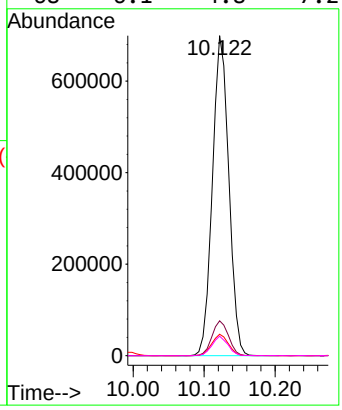




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:136 Resp: 111765

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	6.0	9.0
68	6.1	4.8	7.2



Instrument :
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ClientSampleId :
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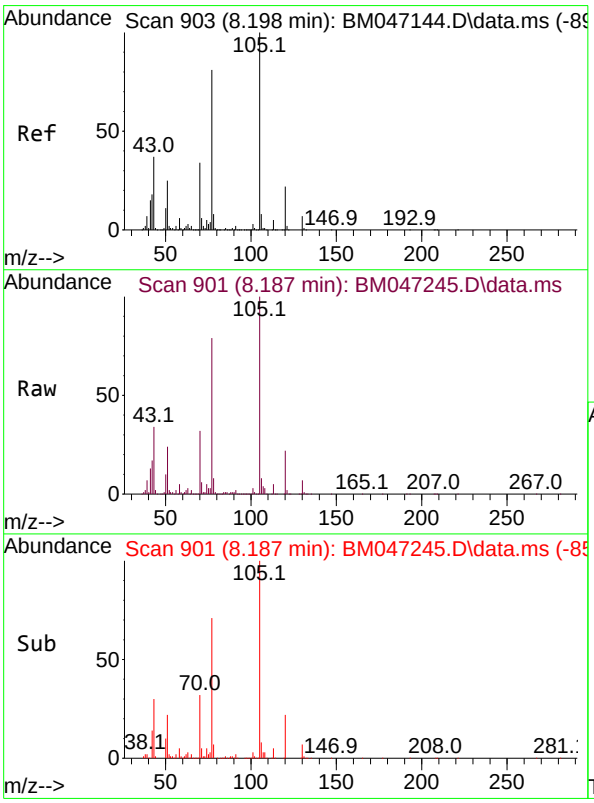
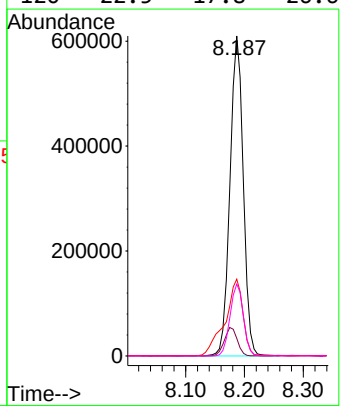
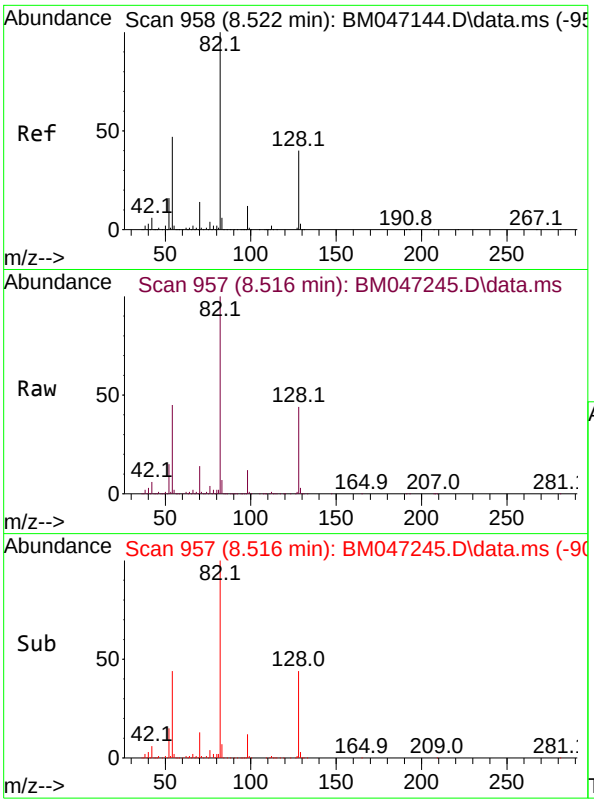


#22
Acetophenone
Concen: 35.527 ng
RT: 8.187 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:105 Resp: 958453

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.5	6.7
51	24.0	20.1	30.1
120	22.5	17.8	26.6





#23
Nitrobenzene-d5
Concen: 69.585 ng
RT: 8.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 82 Resp: 154453

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.3	48.5
54	44.5	37.4	56.2

Instrument :
BNA_M
ClientSampleId :
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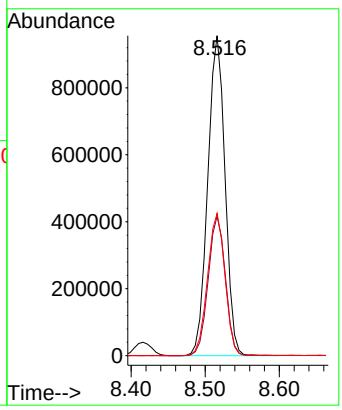
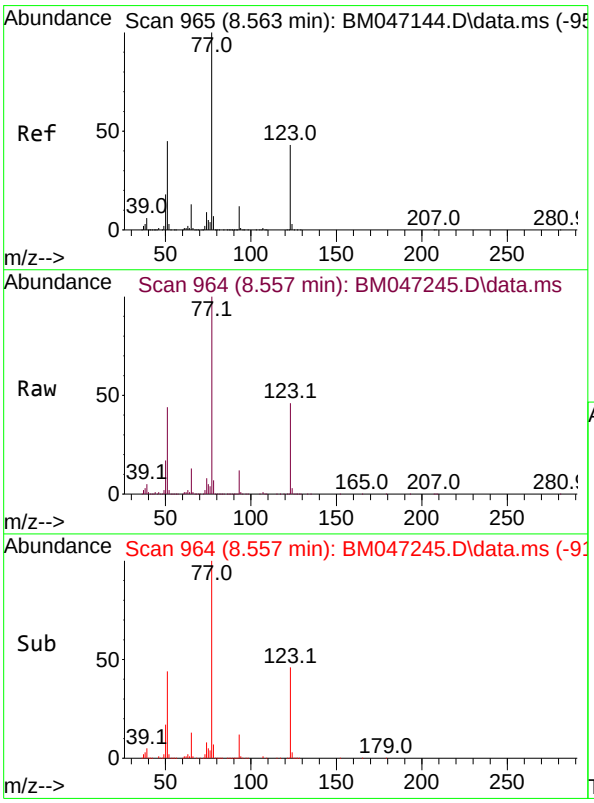
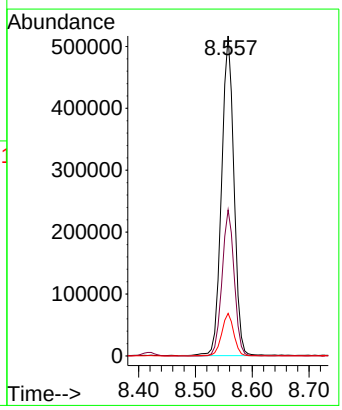


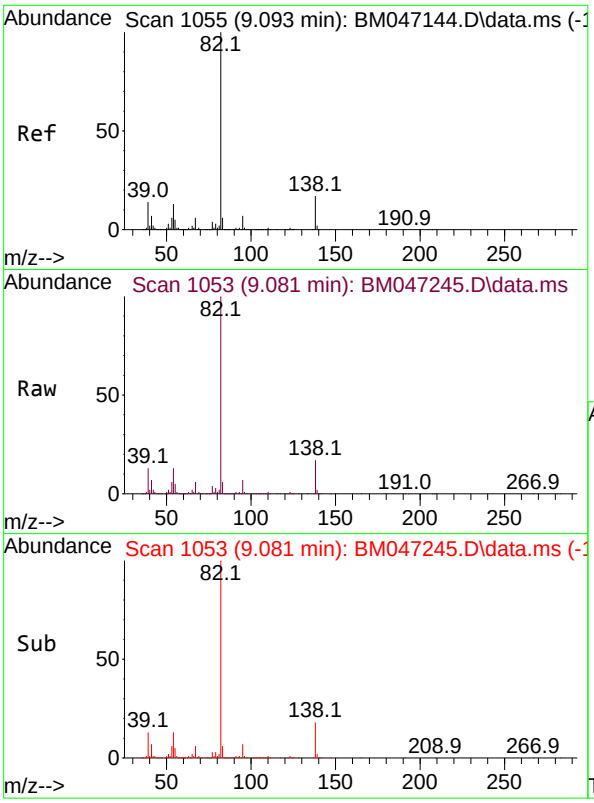


#24
Nitrobenzene
Concen: 35.161 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 77 Resp: 785862

Ion	Ratio	Lower	Upper
77	100		
123	45.6	34.0	51.0
65	13.3	10.5	15.7





#25
Isophorone
Concen: 36.763 ng
RT: 9.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 82 Resp: 142078

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.5	13.5	20.3

Instrument :
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ClientSampleId :
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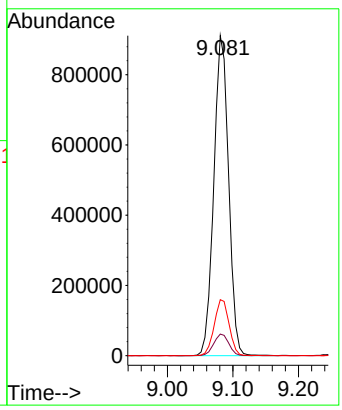
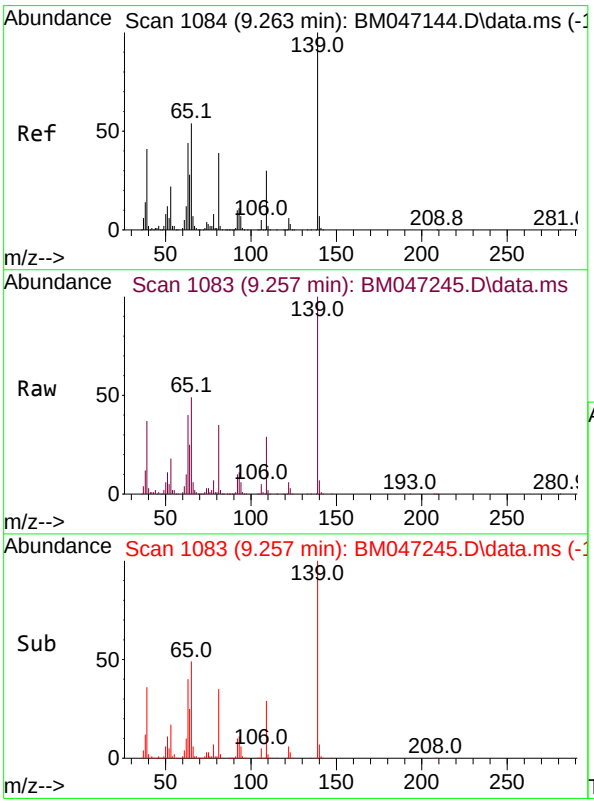
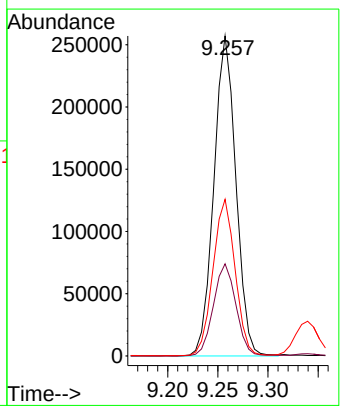


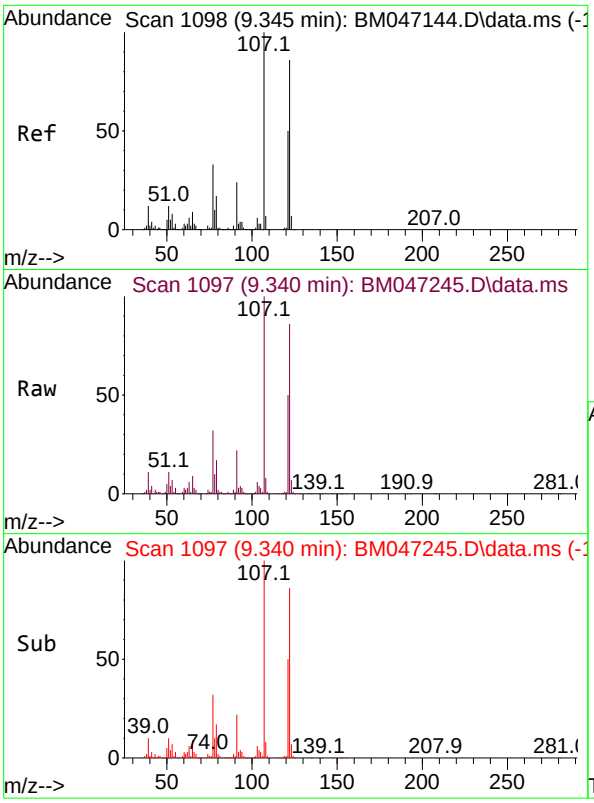


#26
2-Nitrophenol
Concen: 39.578 ng
RT: 9.257 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:139 Resp: 391755

Ion	Ratio	Lower	Upper
139	100		
109	28.8	24.4	36.6
65	49.0	43.0	64.6

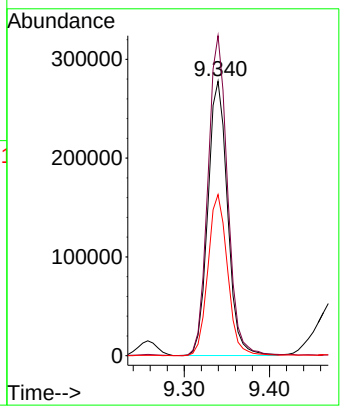




#27
2,4-Dimethylphenol
Concen: 38.384 ng
RT: 9.340 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:122 Resp: 44504

Ion	Ratio	Lower	Upper
122	100		
107	116.6	92.8	139.2
121	58.7	46.1	69.1



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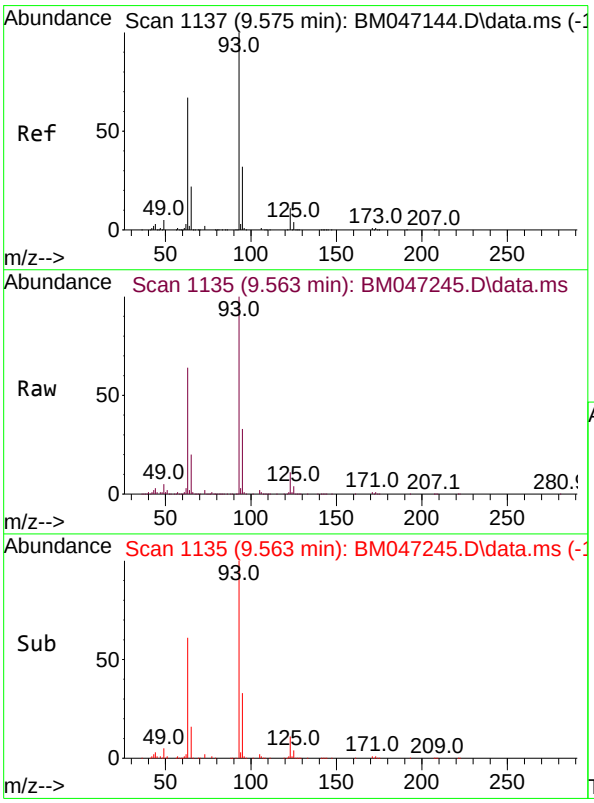
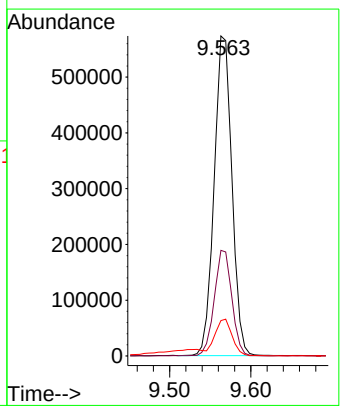
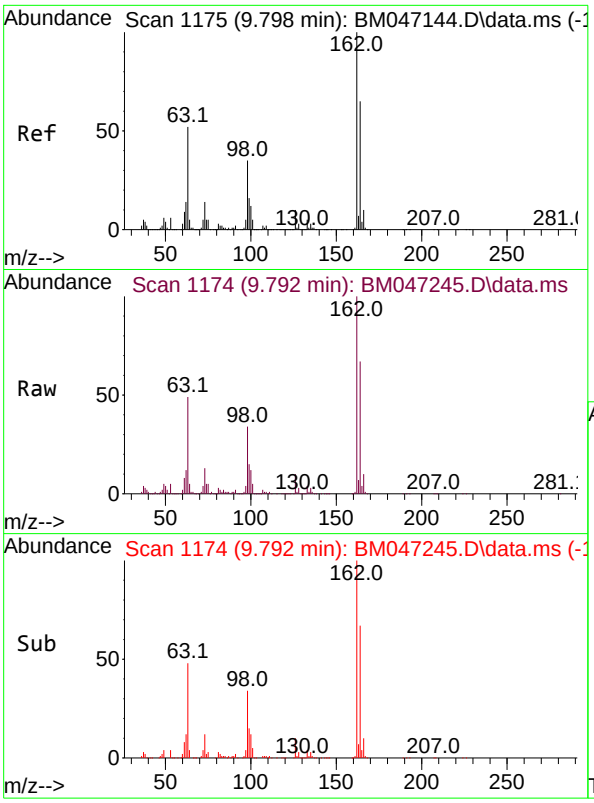


#28
bis(2-Chloroethoxy)methane
Concen: 35.845 ng
RT: 9.563 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 93 Resp: 871685

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	11.1	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 40.237 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:162 Resp: 69223

Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.7	84.7
98	33.8	14.9	54.9

Instrument :
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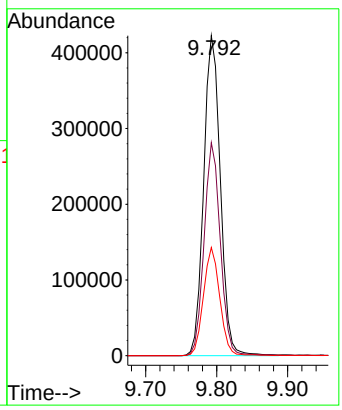
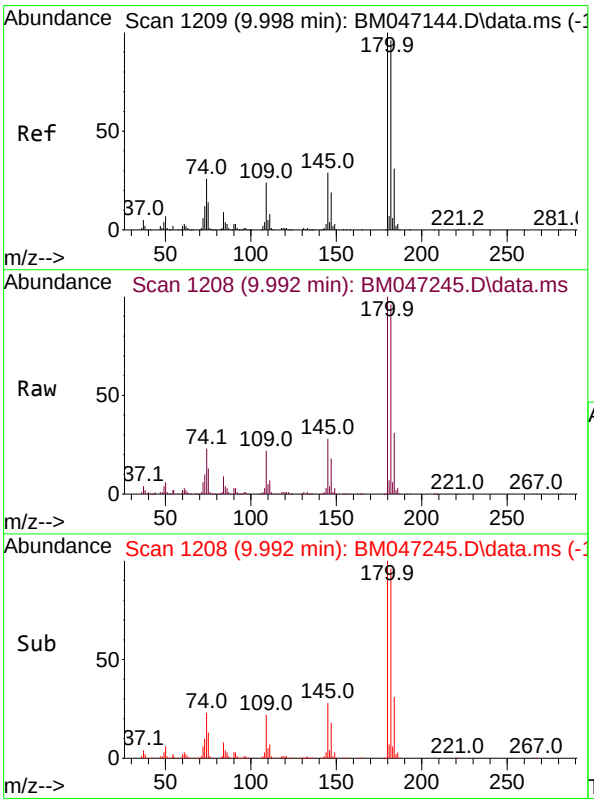
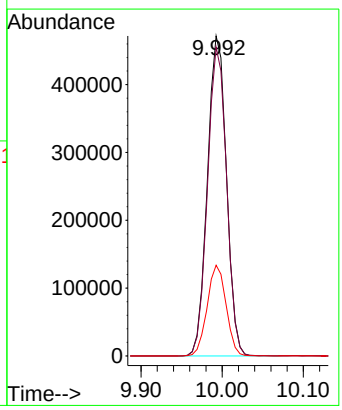


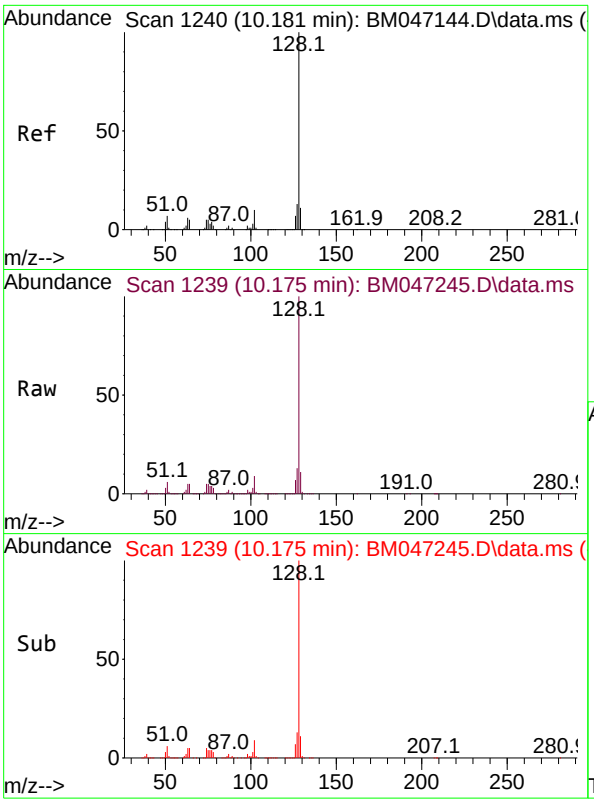


#30
1,2,4-Trichlorobenzene
Concen: 39.461 ng
RT: 9.992 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:180 Resp: 768282

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	115.0
145	28.4	23.4	35.2

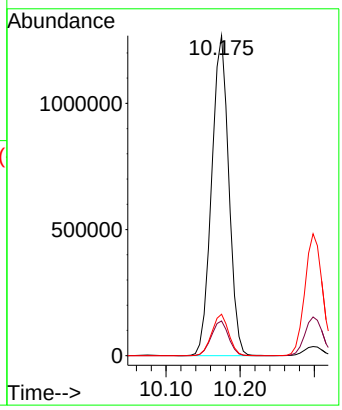




#31
Naphthalene
Concen: 36.472 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:128 Resp: 203068

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.2	15.4



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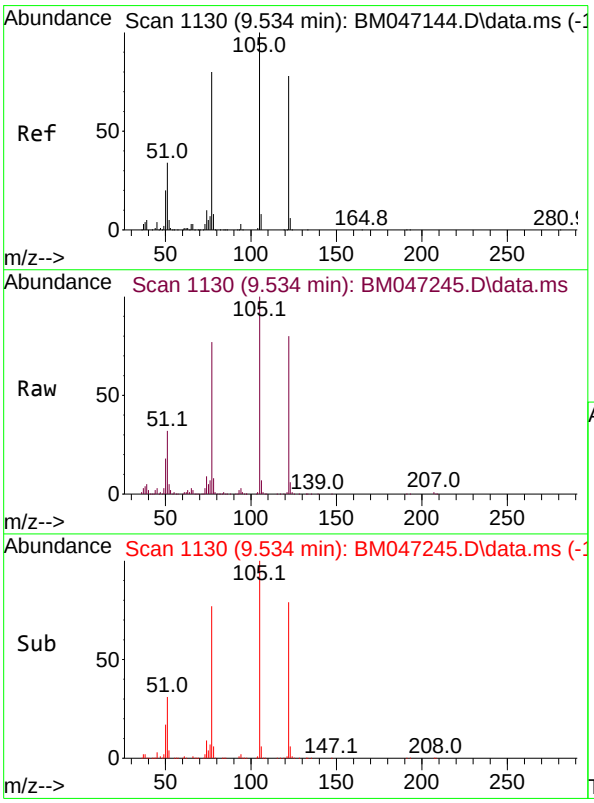
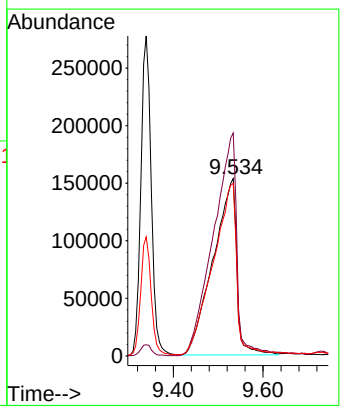
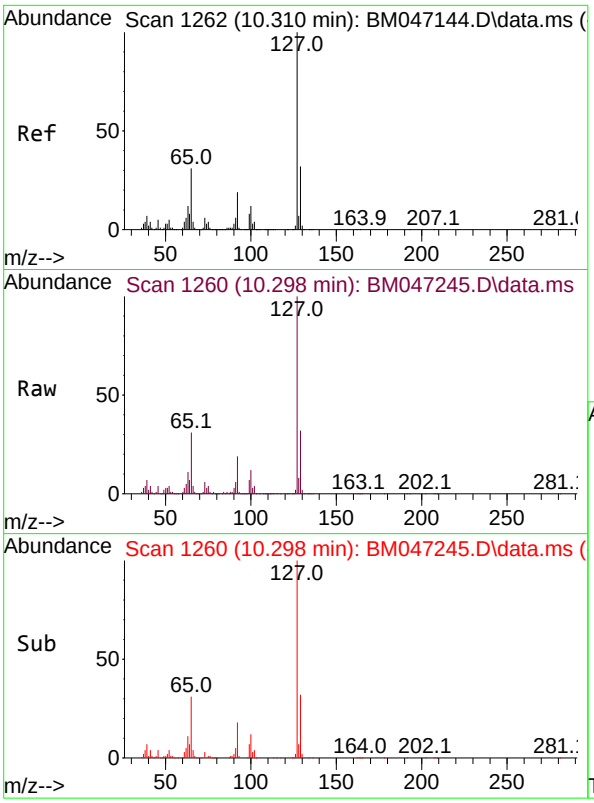


#32
Benzoic acid
Concen: 41.637 ng
RT: 9.534 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:122 Resp: 560880

Ion	Ratio	Lower	Upper
122	100		
105	125.6	107.1	147.1
77	97.2	82.1	122.1

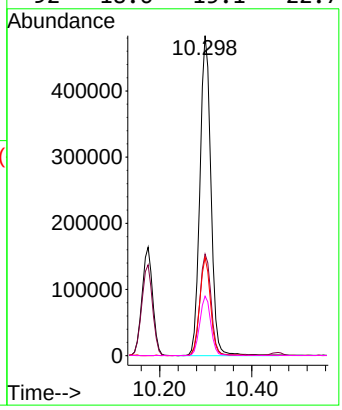




#33
4-Chloroaniline
Concen: 37.779 ng
RT: 10.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:127 Resp: 80888

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	30.7	24.9	37.3
92	18.6	15.1	22.7



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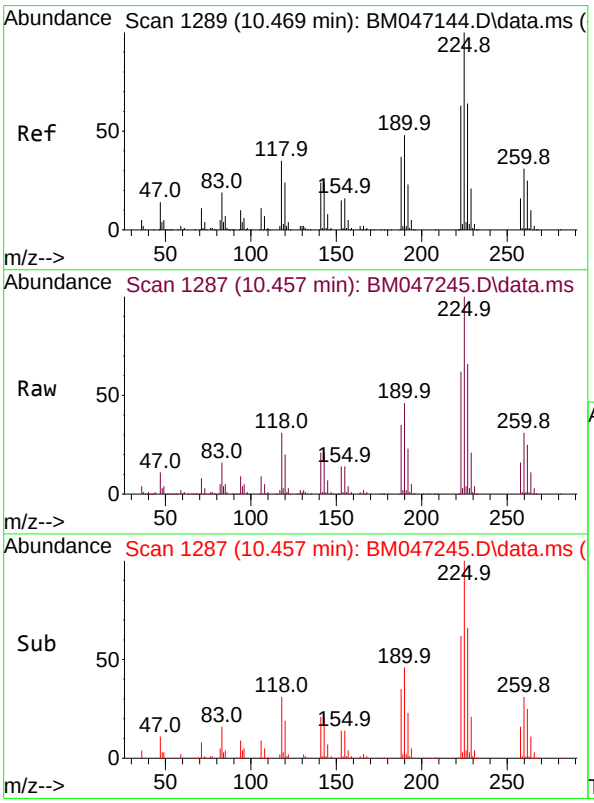
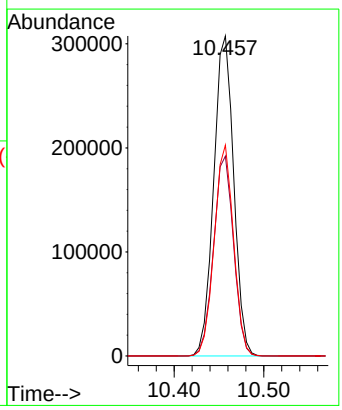
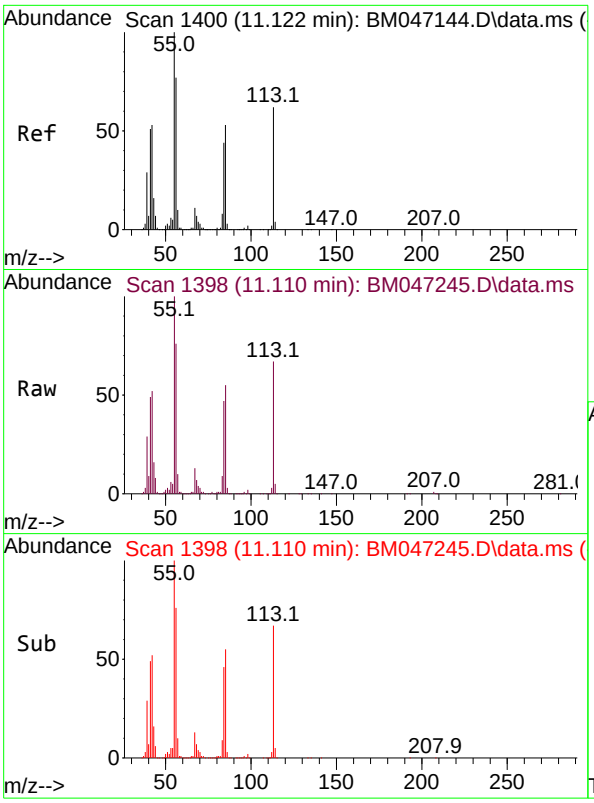


#34
Hexachlorobutadiene
Concen: 41.770 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:225 Resp: 475986

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	65.9	51.4	77.0





#35
Caprolactam
Concen: 39.472 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:113 Resp: 23582

Ion	Ratio	Lower	Upper
113	100		
55	149.9	140.5	180.5
56	114.4	103.6	143.6

Instrument :
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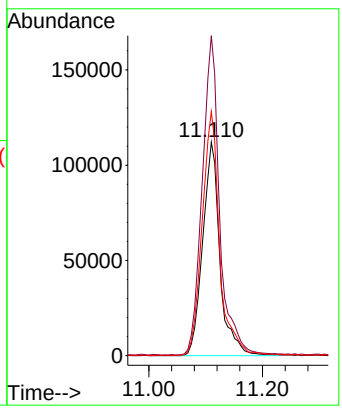
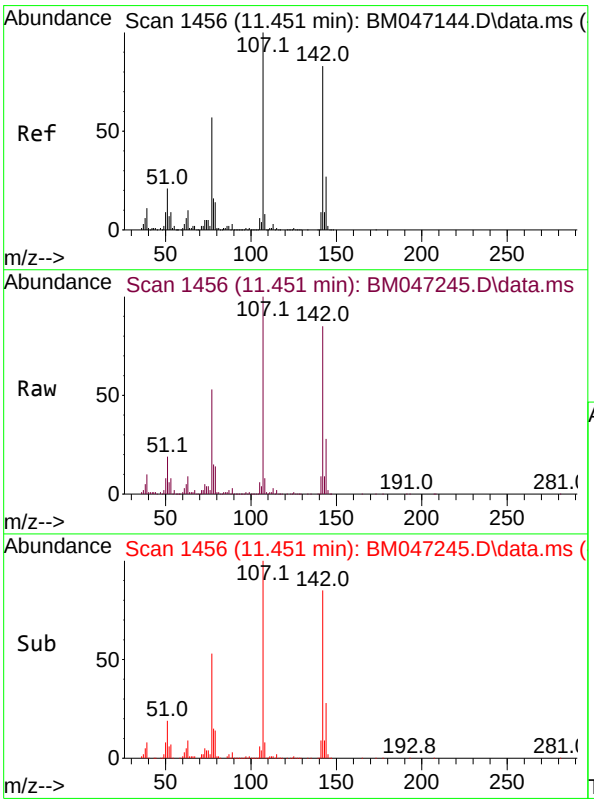
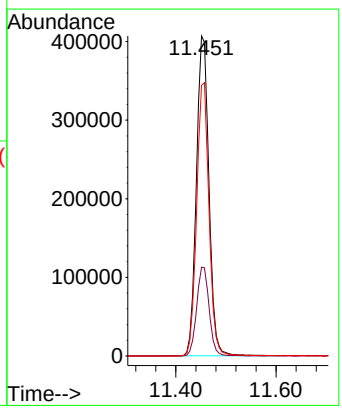


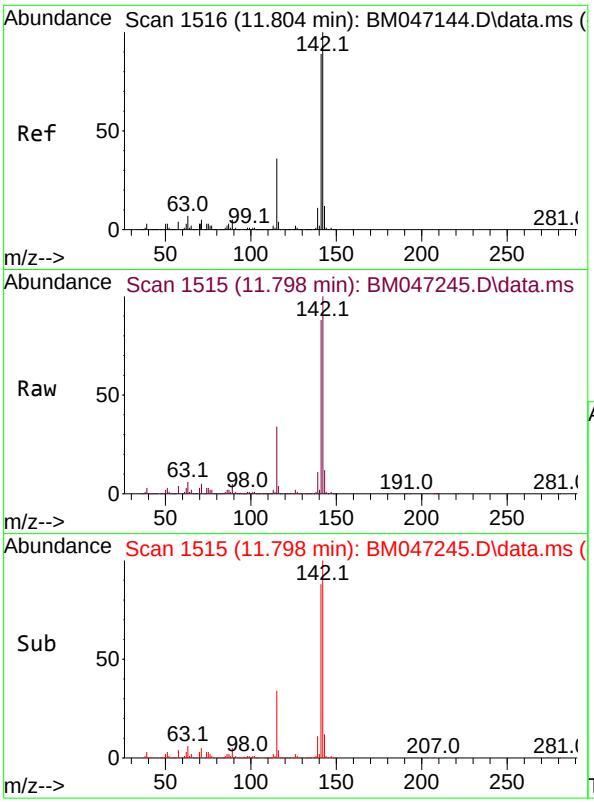


#36
4-Chloro-3-methylphenol
Concen: 38.570 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:107 Resp: 706688

Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.8	32.6
142	84.6	66.8	100.2

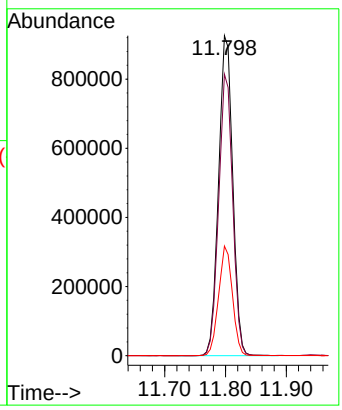




#37
2-Methylnaphthalene
Concen: 37.618 ng
RT: 11.798 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:142 Resp: 149129

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	34.2	28.7	43.1



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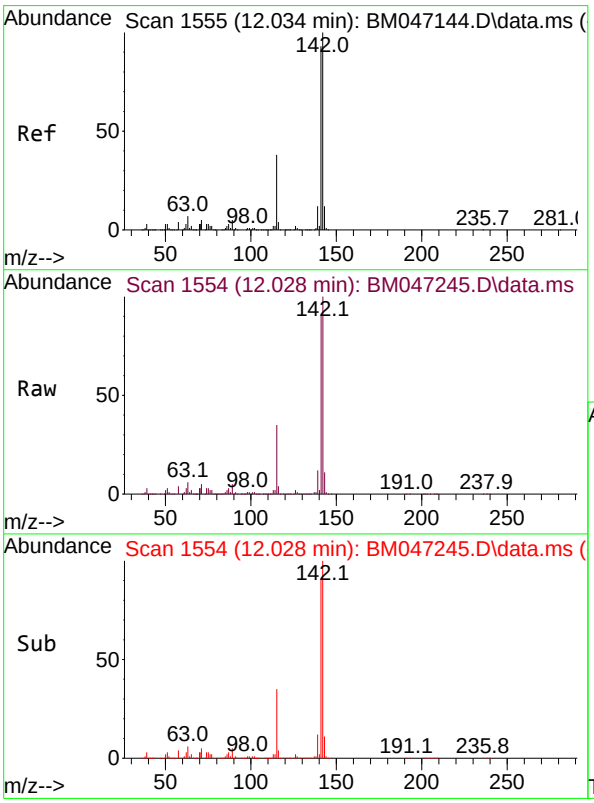
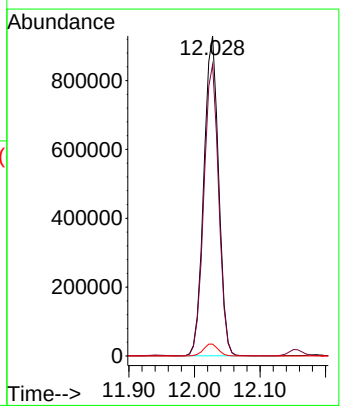
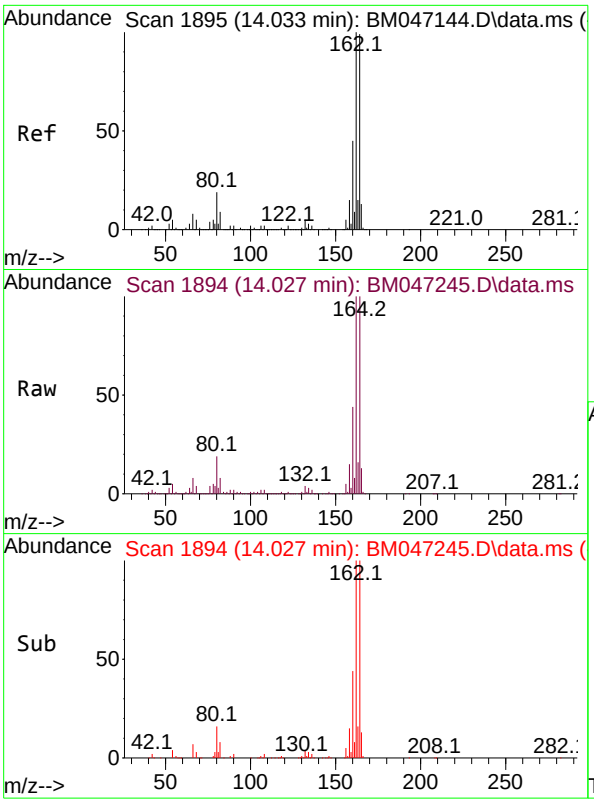


#38
1-Methylnaphthalene
Concen: 37.334 ng
RT: 12.028 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:142 Resp: 1462706

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.6	111.8
116	3.7	3.1	4.7

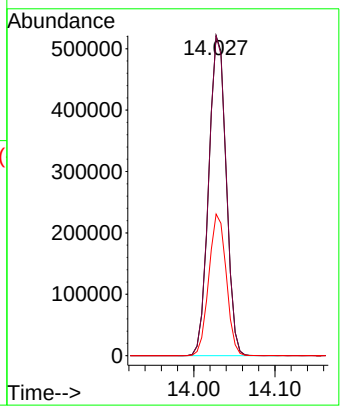




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:164 Resp: 77450

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	44.2	36.0	54.0



Instrument :
BNA_M
ClientSampleId :
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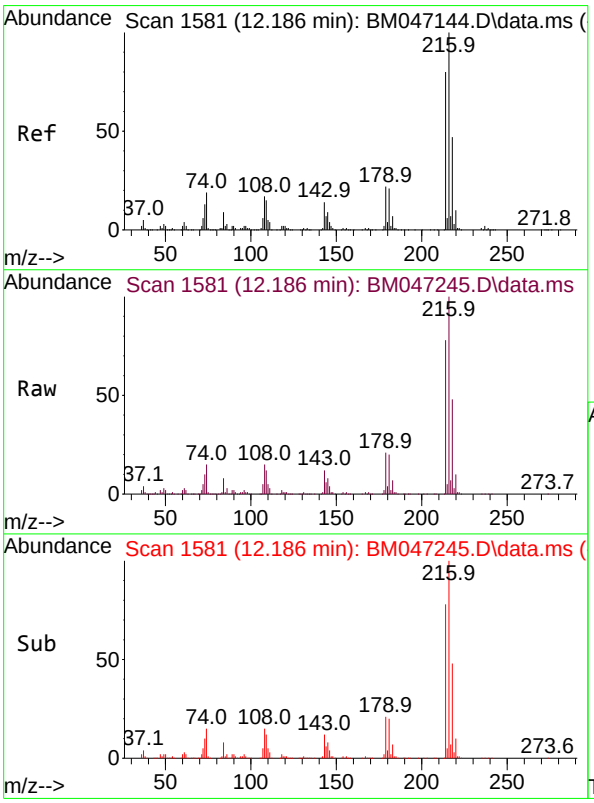
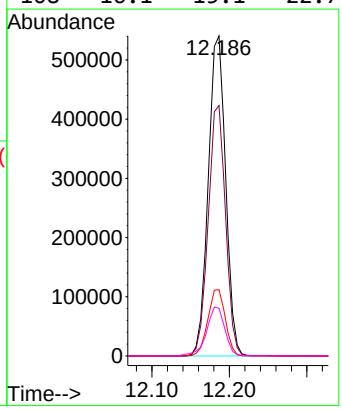
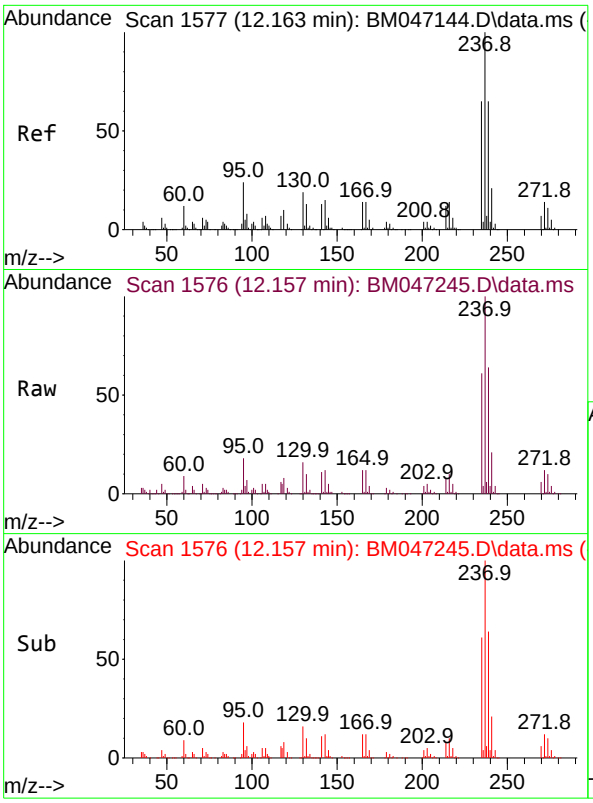


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.847 ng
RT: 12.186 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:216 Resp: 841763

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	20.9	17.6	26.4
108	16.1	15.1	22.7

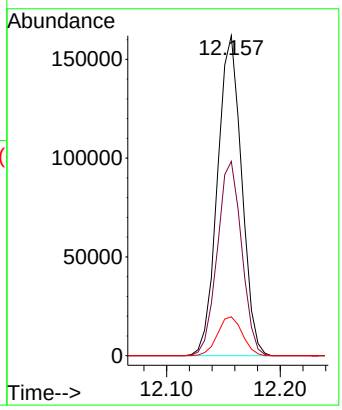




#41
Hexachlorocyclopentadiene
Concen: 32.439 ng
RT: 12.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:237 Resp: 23928

Ion	Ratio	Lower	Upper
237	100		
235	60.7	44.8	84.8
272	12.1	0.0	33.5



Instrument :
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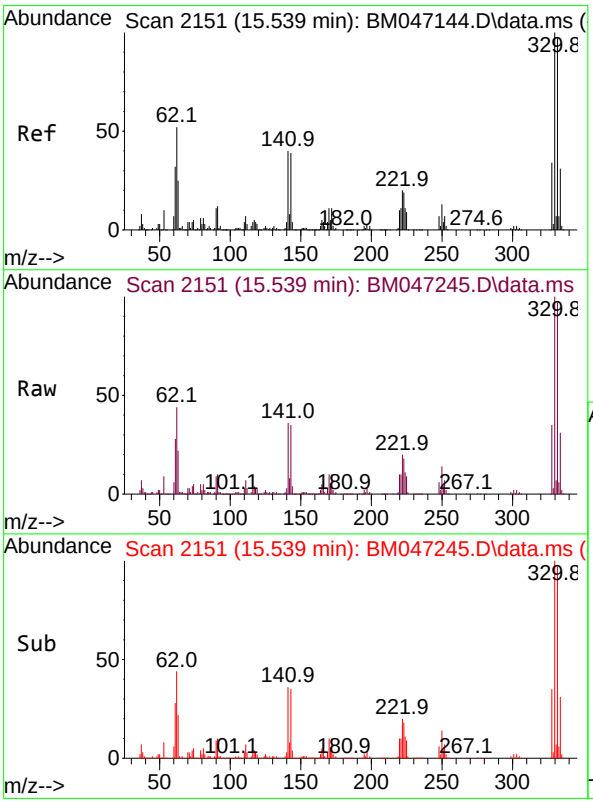
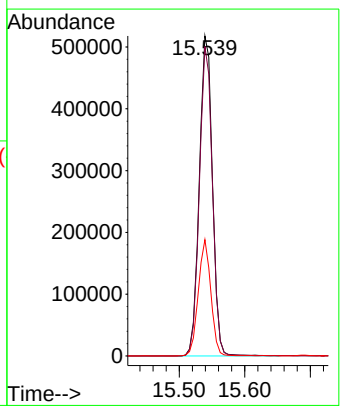
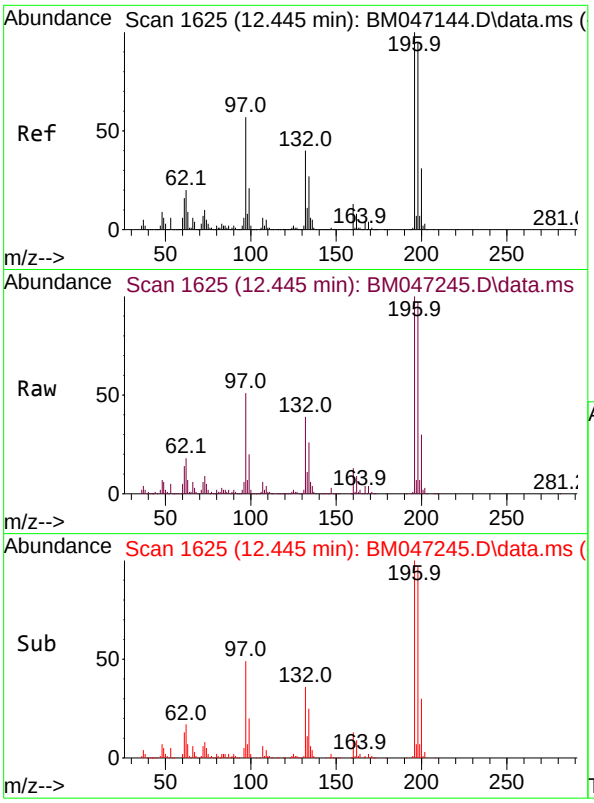


#42
2,4,6-Tribromophenol
Concen: 80.421 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:330 Resp: 722218

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	34.9	31.6	47.4

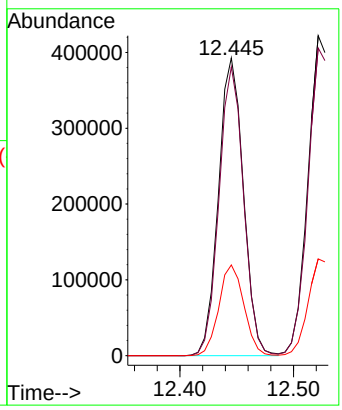




#43
2,4,6-Trichlorophenol
Concen: 39.935 ng
RT: 12.445 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:196 Resp: 59962

Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.6	113.4
200	30.5	24.6	37.0



Instrument :
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ClientSampleId :
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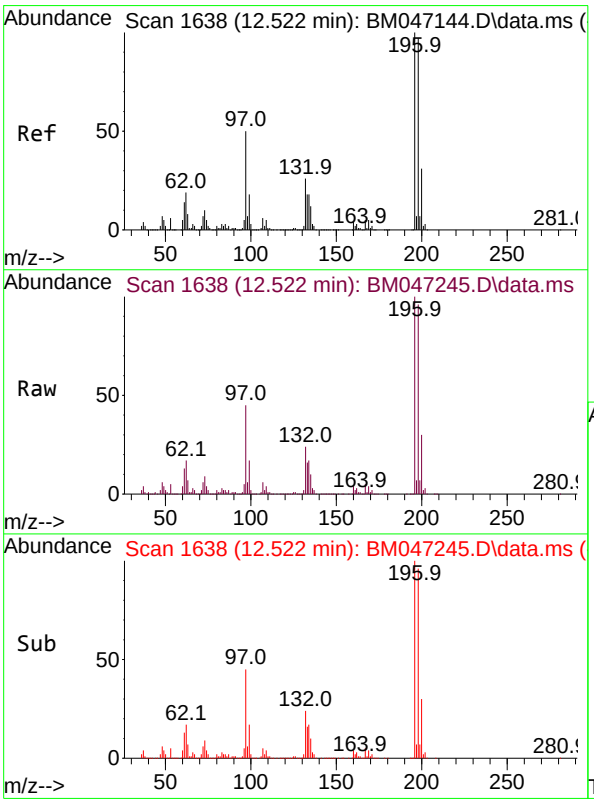
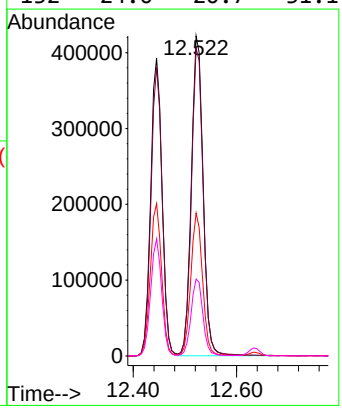
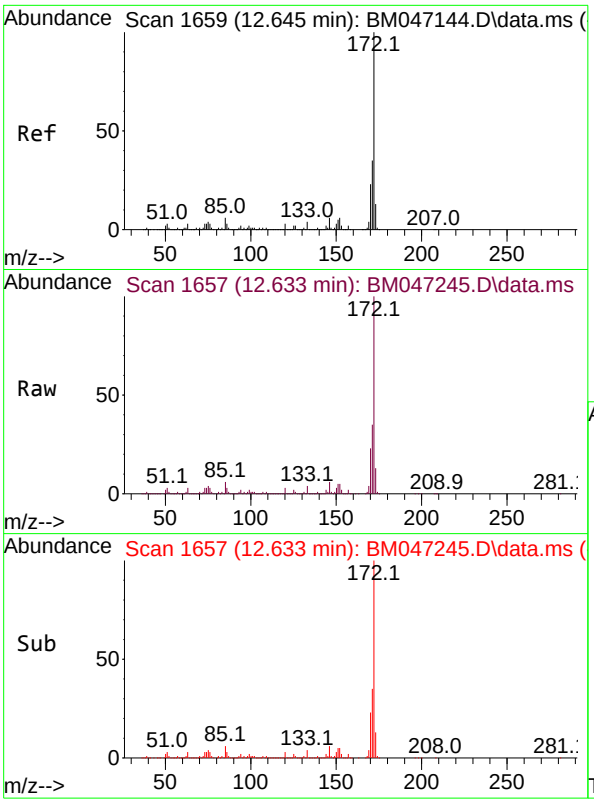


#44
2,4,5-Trichlorophenol
Concen: 40.092 ng
RT: 12.522 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:196 Resp: 668381

Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.7	116.5
97	44.6	39.8	59.8
132	24.0	20.7	31.1

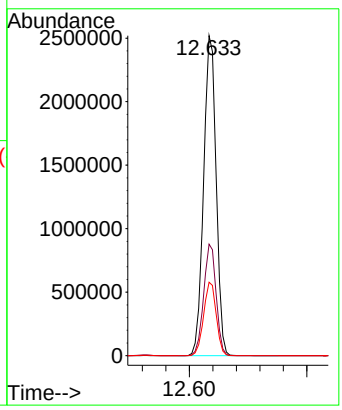




#45
2-Fluorobiphenyl
Concen: 74.203 ng
RT: 12.633 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:172 Resp: 372575(

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.7	28.1



Instrument :
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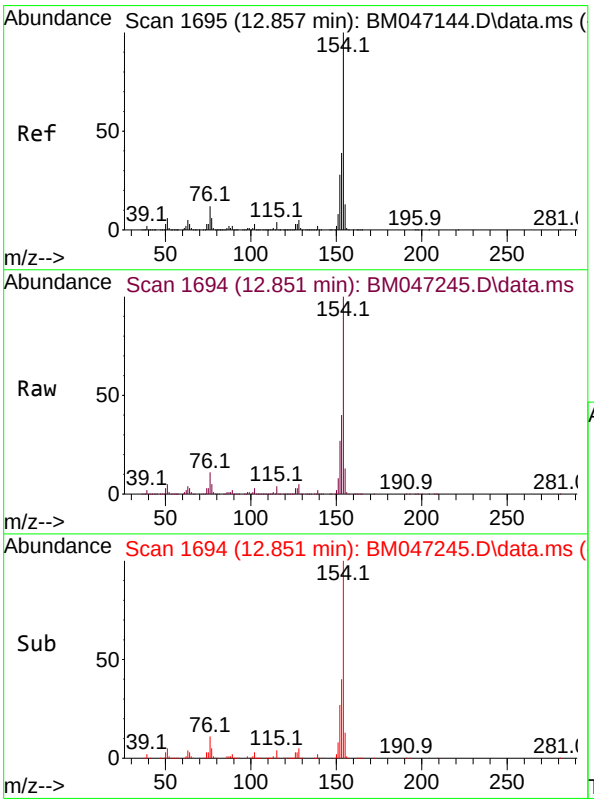
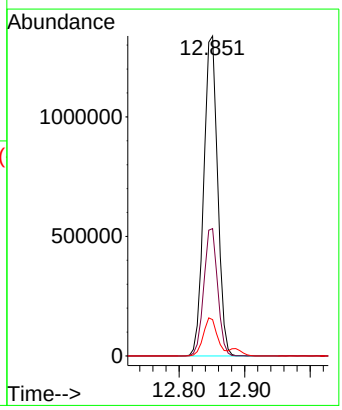
Supervised By :mohammad ahmed 08/21/2024

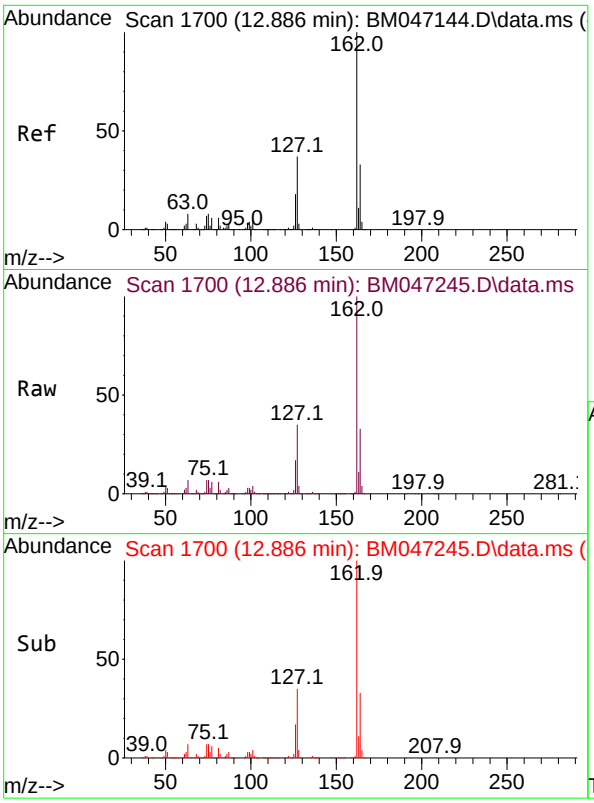


#46
1,1'-Biphenyl
Concen: 35.675 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:154 Resp: 1967045

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.0	59.0
76	11.4	0.0	31.9

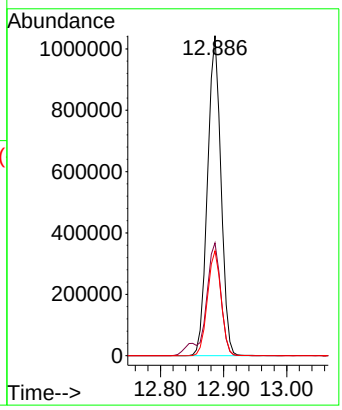




#47
2-Chloronaphthalene
Concen: 35.695 ng
RT: 12.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:162 Resp: 153829

Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.0	45.0
164	32.8	26.3	39.5



Instrument :
BNA_M
ClientSampleId :
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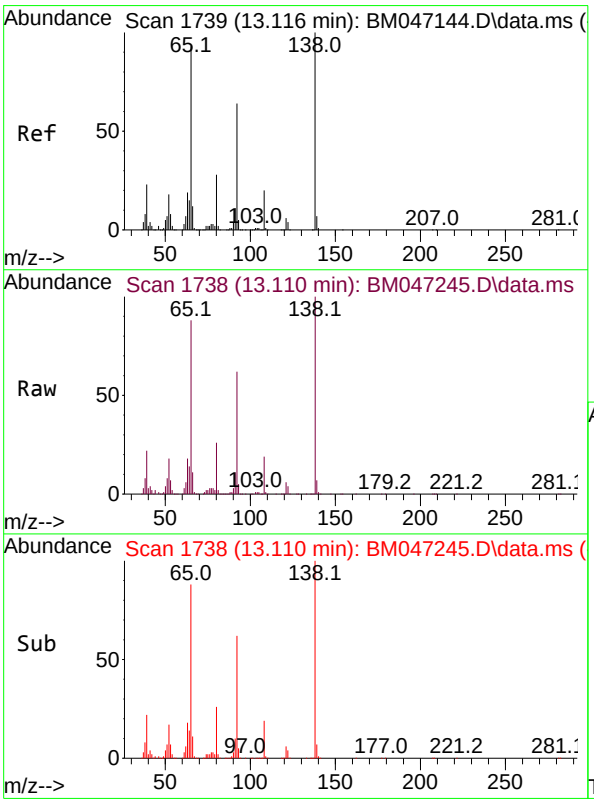
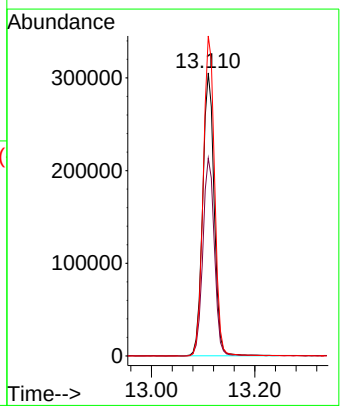
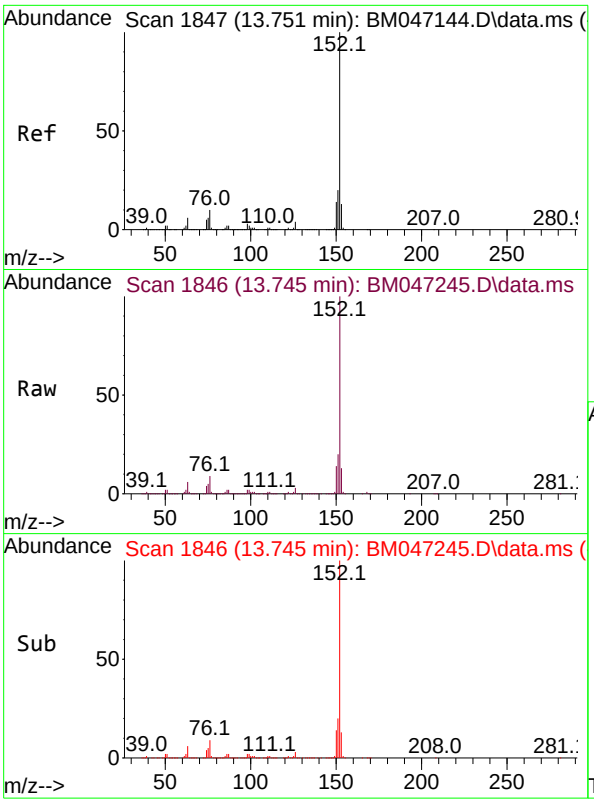


#48
2-Nitroaniline
Concen: 34.845 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 65 Resp: 470455

Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.1	82.7
138	113.1	85.9	128.9





#49
Acenaphthylene
Concen: 36.146 ng
RT: 13.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 229615

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.9	10.4	15.6

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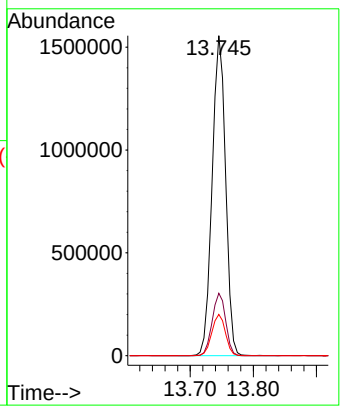
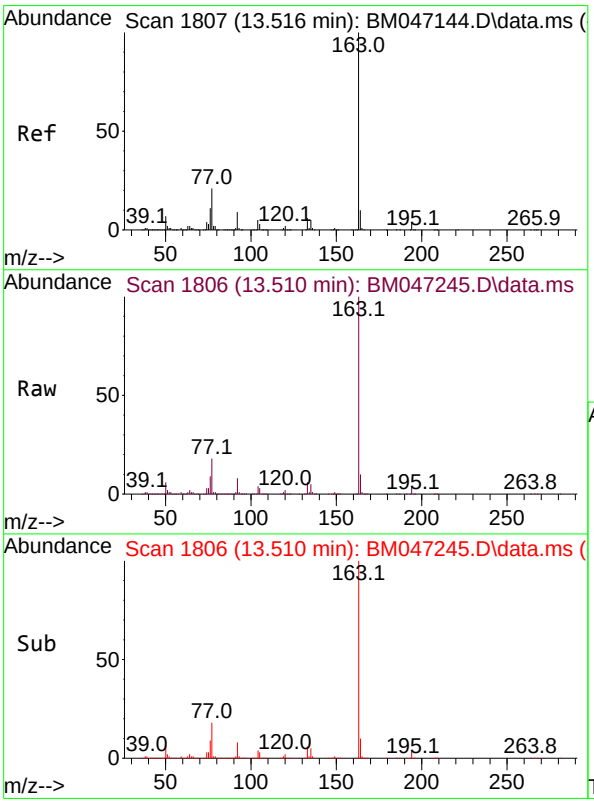
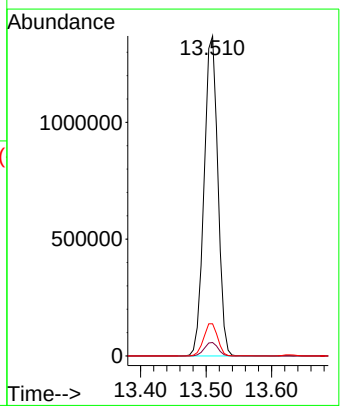


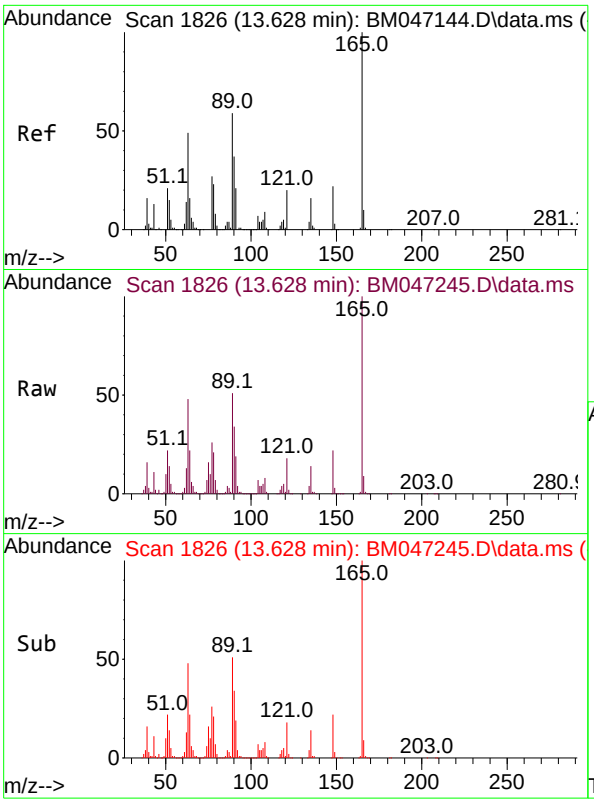


#50
Dimethylphthalate
Concen: 36.964 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:163 Resp: 1999459

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 38.107 ng
RT: 13.628 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:165 Resp: 48185

Ion	Ratio	Lower	Upper
165	100		
63	48.2	46.5	69.7
89	51.3	47.3	70.9

Instrument :
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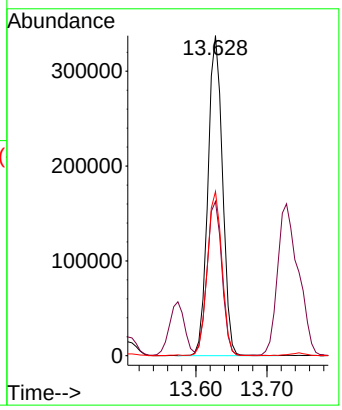
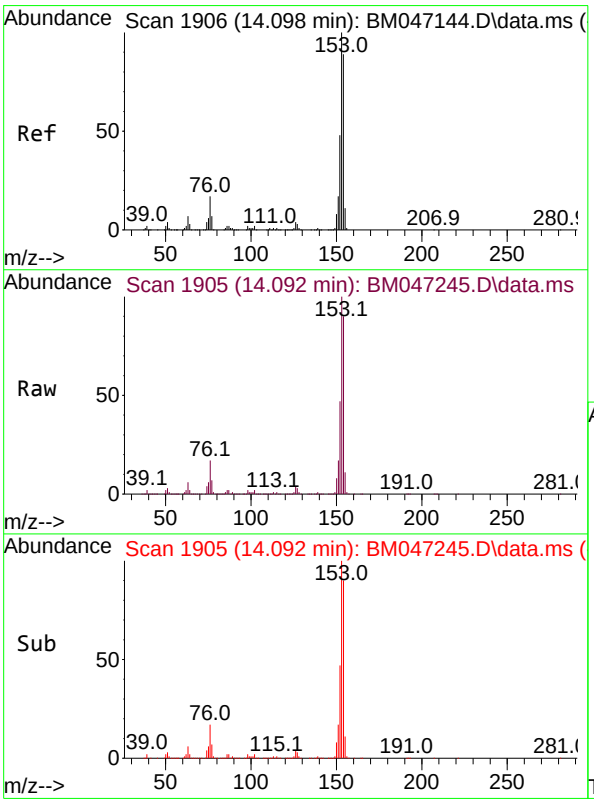
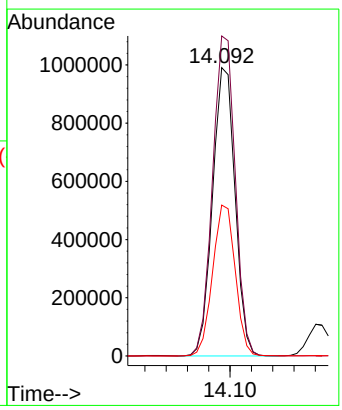


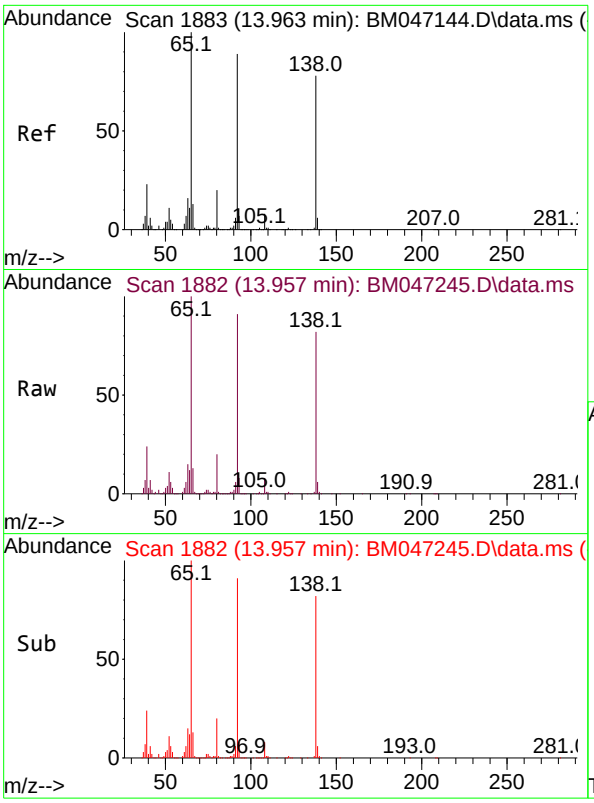


#52
Acenaphthene
Concen: 36.049 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:154 Resp: 1452604

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.3	135.5
152	52.3	42.9	64.3





#53
3-Nitroaniline
Concen: 37.363 ng
RT: 13.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:138 Resp: 47340

Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	111.3	92.0	138.0

Instrument :
BNA_M
ClientSampleId :
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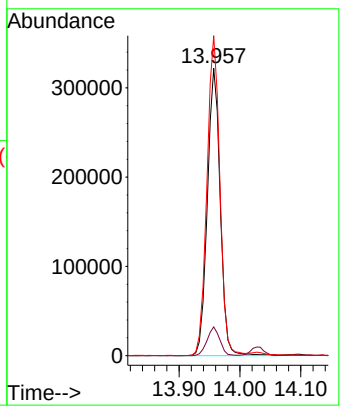
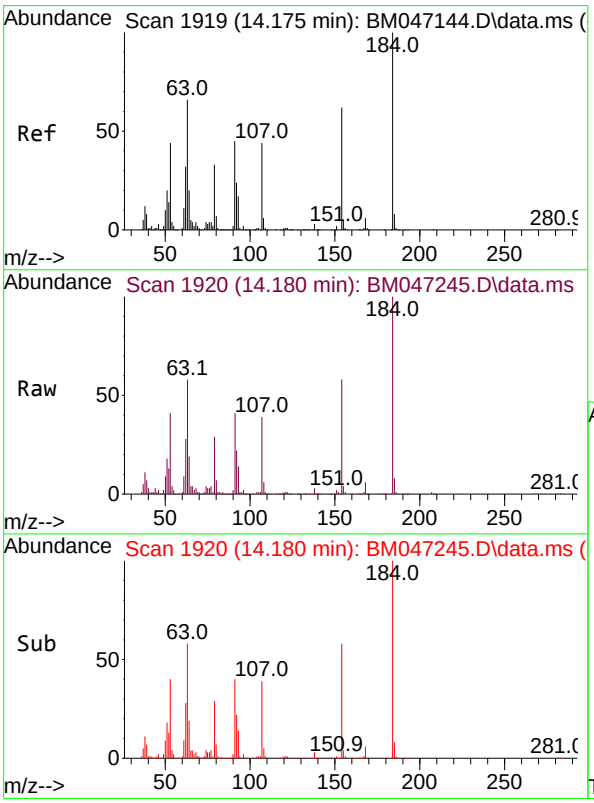
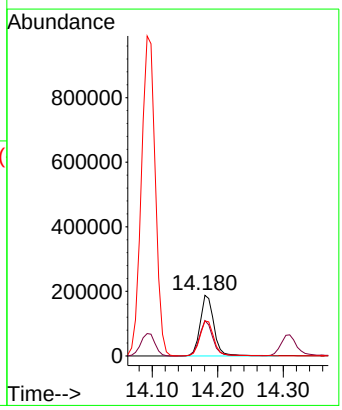


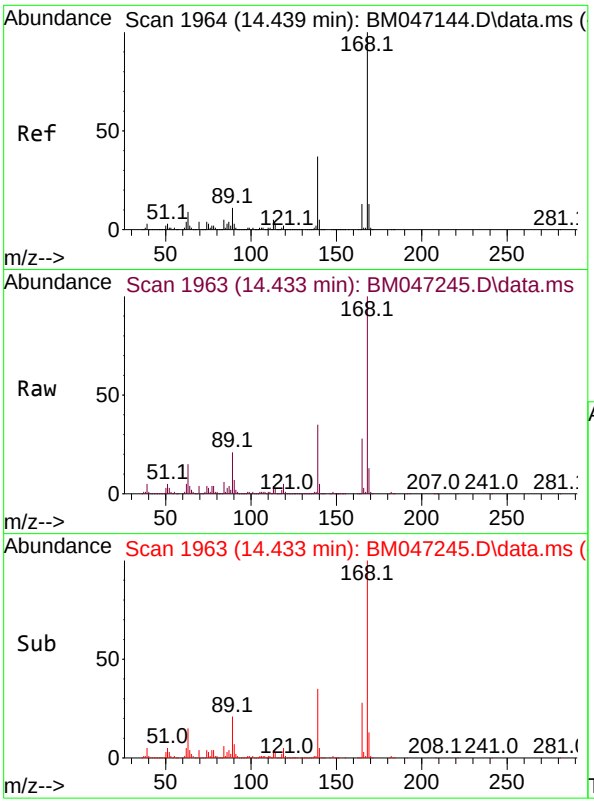


#54
2,4-Dinitrophenol
Concen: 36.181 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.005 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:184 Resp: 274199

Ion	Ratio	Lower	Upper
184	100		
63	58.3	52.7	79.1
154	57.8	50.4	75.6

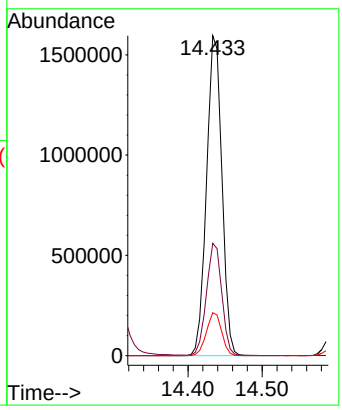




#55
Dibenzofuran
Concen: 36.080 ng
RT: 14.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:168 Resp: 229645

Ion	Ratio	Lower	Upper
168	100		
139	35.1	29.6	44.4
169	13.5	10.7	16.1



Instrument :
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ClientSampleId :
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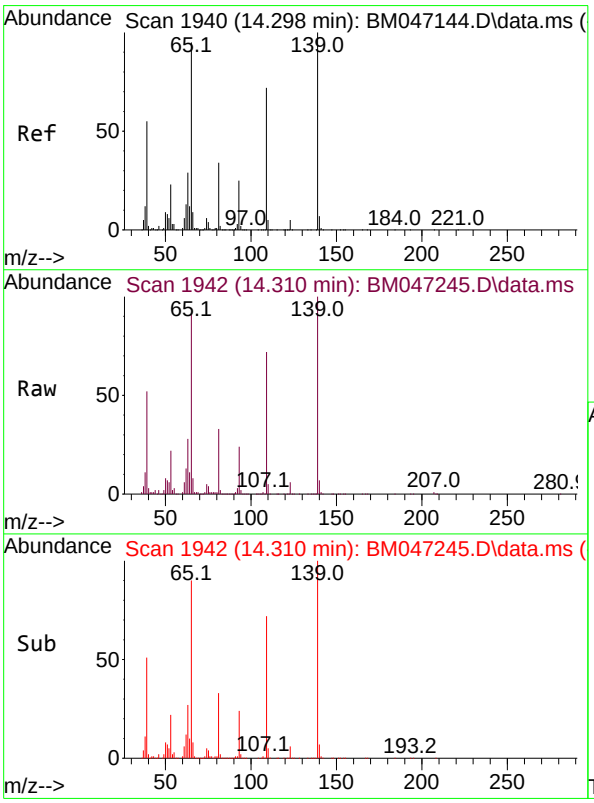
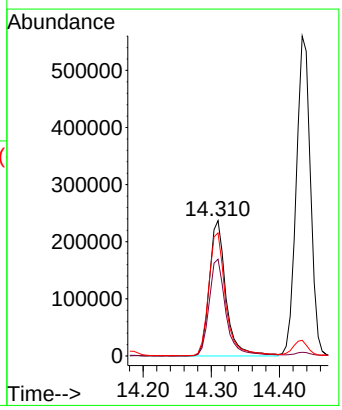
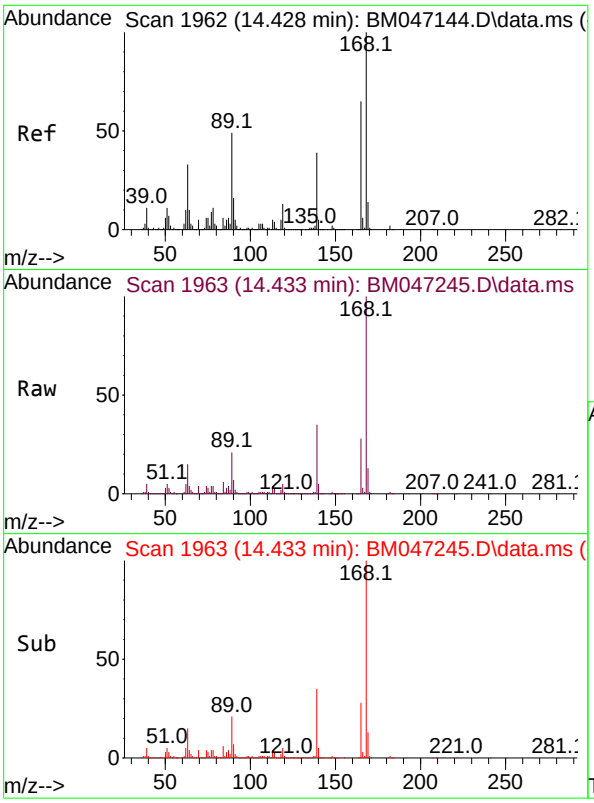


#56
4-Nitrophenol
Concen: 36.695 ng
RT: 14.310 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:139 Resp: 400919

Ion	Ratio	Lower	Upper
139	100		
109	71.5	52.5	92.5
65	90.9	75.4	115.4

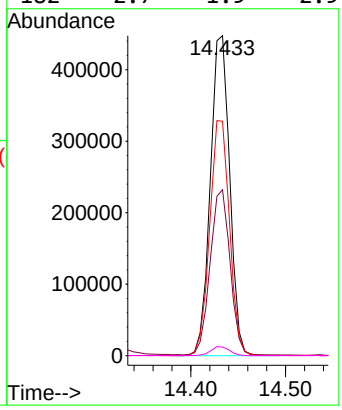




#57
2,4-Dinitrotoluene
Concen: 37.626 ng
RT: 14.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:165 Resp: 63504

Ion	Ratio	Lower	Upper
165	100		
63	51.8	40.3	60.5
89	73.2	61.0	91.6
182	2.7	1.9	2.9



Instrument :
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ClientSampleId :
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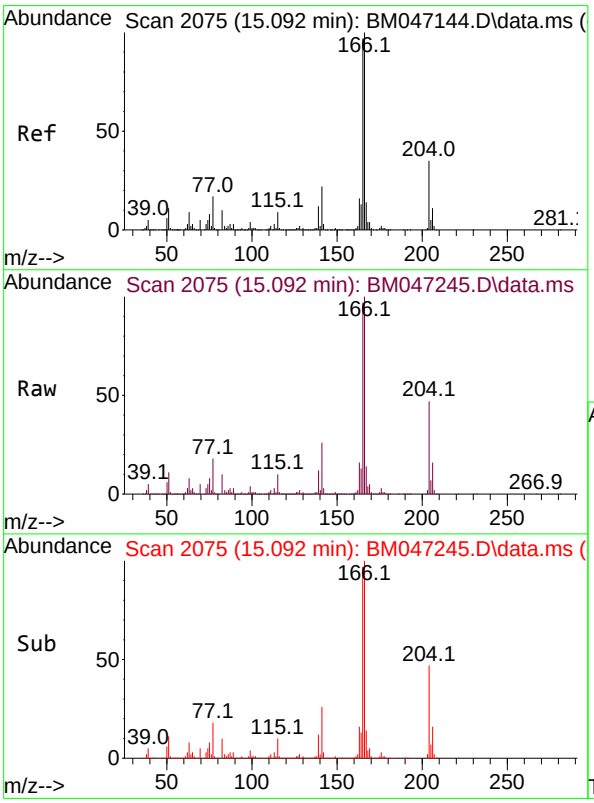
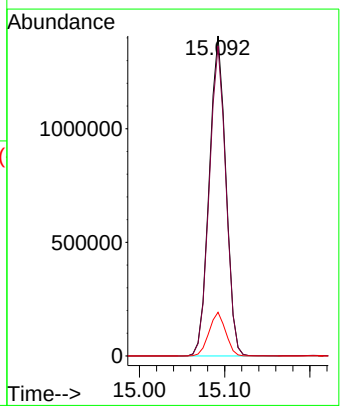
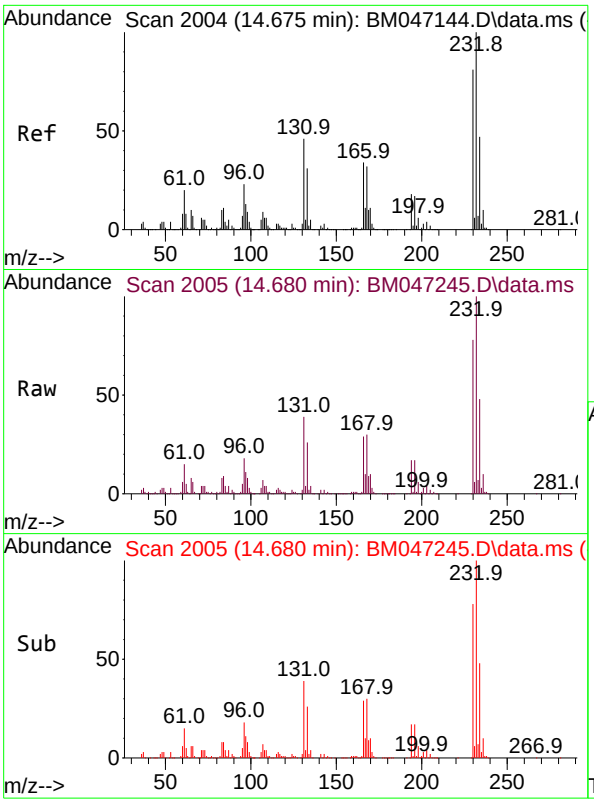


#58
Fluorene
Concen: 36.346 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:166 Resp: 1908826

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.4	116.0
167	13.6	11.0	16.6

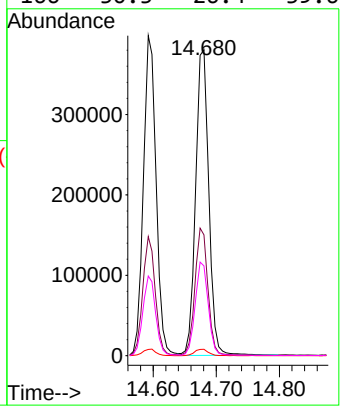




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.178 ng
RT: 14.680 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:232 Resp: 55049

Ion	Ratio	Lower	Upper
232	100		
131	40.6	36.9	55.3
130	2.2	2.0	3.0
166	30.3	26.4	39.6



Instrument :
BNA_M
ClientSampleId :
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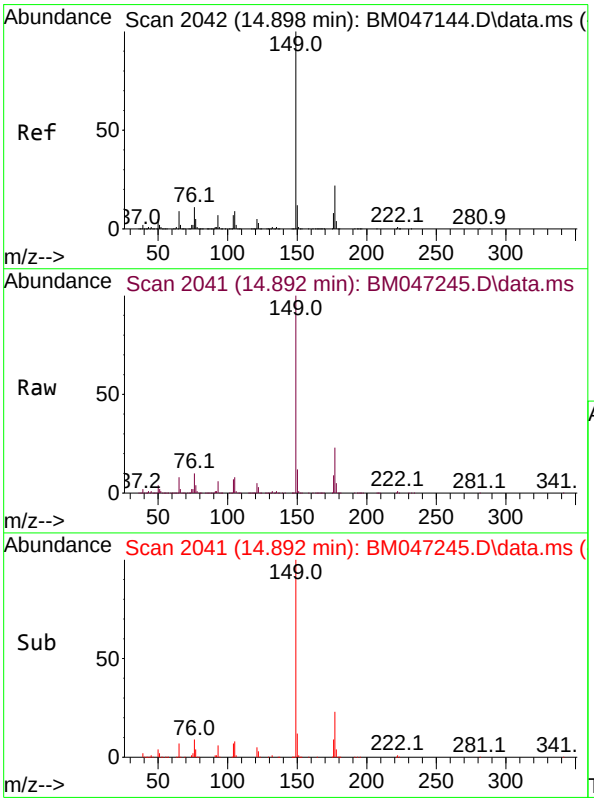
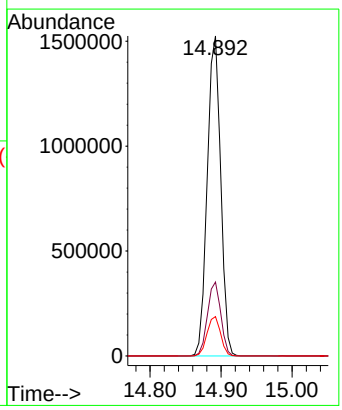
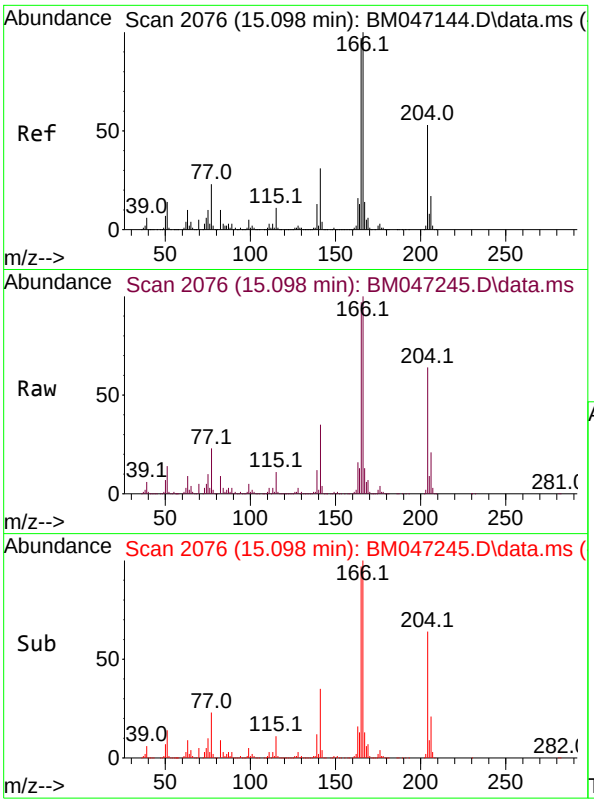


#60
Diethylphthalate
Concen: 36.316 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:149 Resp: 2006026

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.6	26.4
150	12.3	9.8	14.6





#61
4-Chlorophenyl-phenylether
Concen: 37.746 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:204 Resp: 94373

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.4
141	54.5	47.2	70.8

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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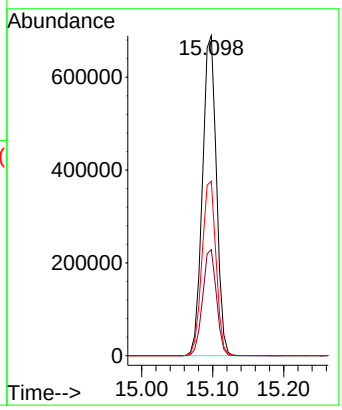
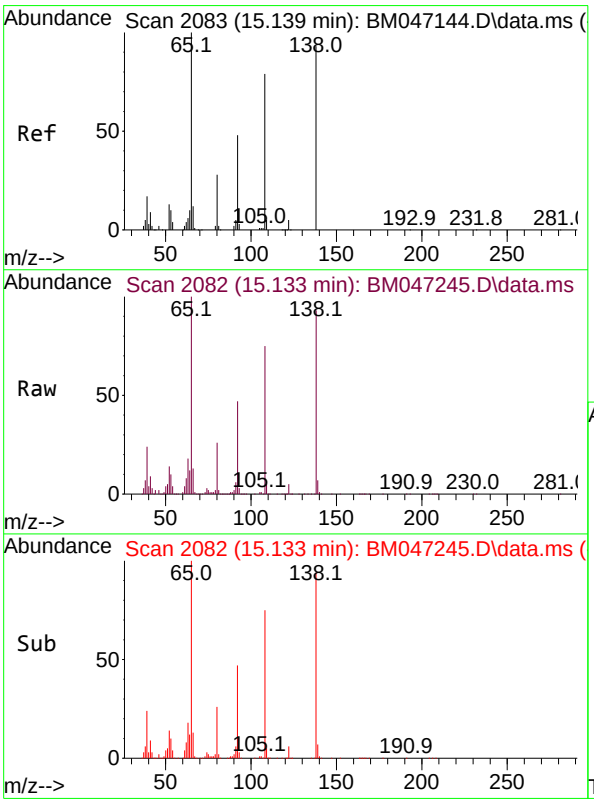
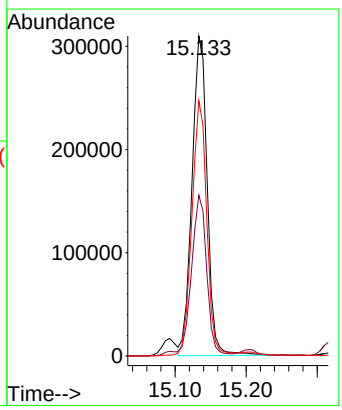


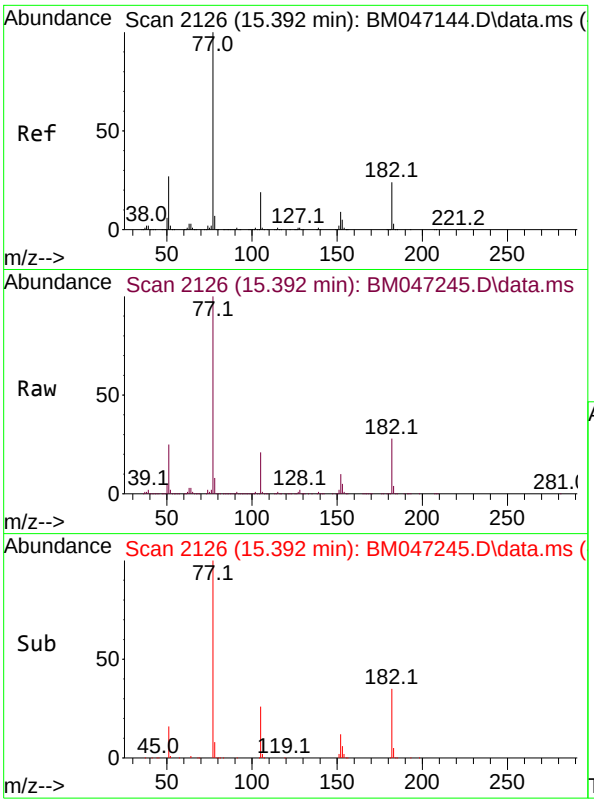


#62
4-Nitroaniline
Concen: 37.048 ng
RT: 15.133 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:138 Resp: 462456

Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.9	71.9
108	79.8	63.8	103.8

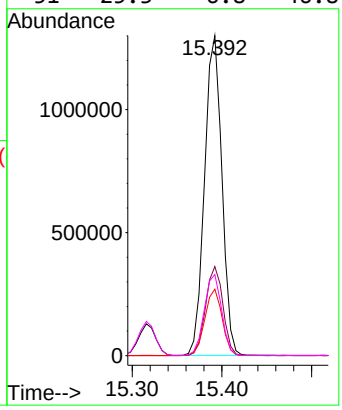




#63
Azobenzene
Concen: 33.274 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion: 77 Resp: 174271

Ion	Ratio	Lower	Upper
77	100		
182	27.8	3.8	43.8
105	20.8	0.0	39.5
51	25.3	6.8	46.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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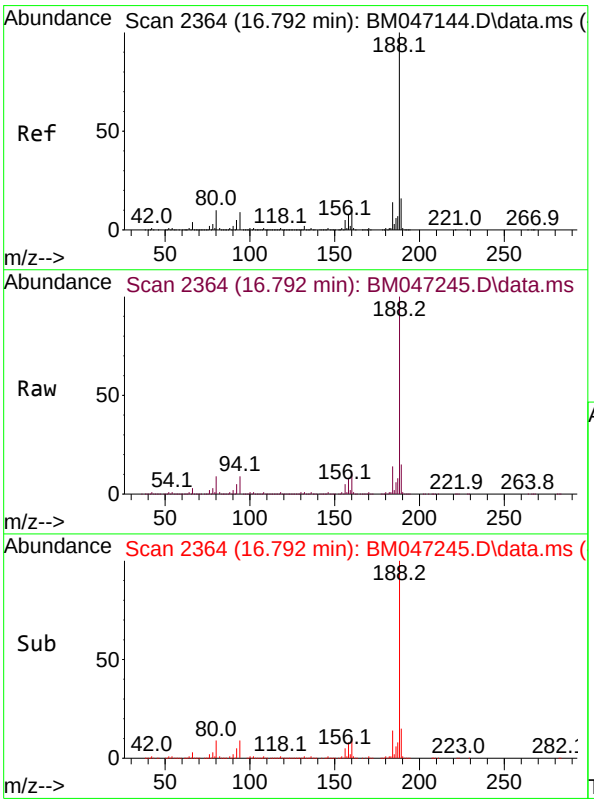
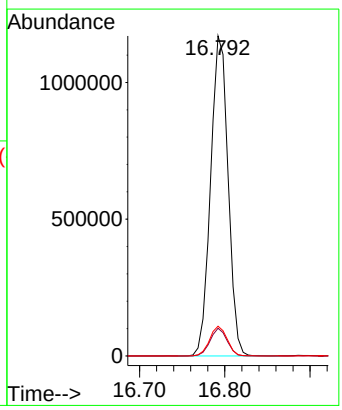
Supervised By :mohammad ahmed 08/21/2024

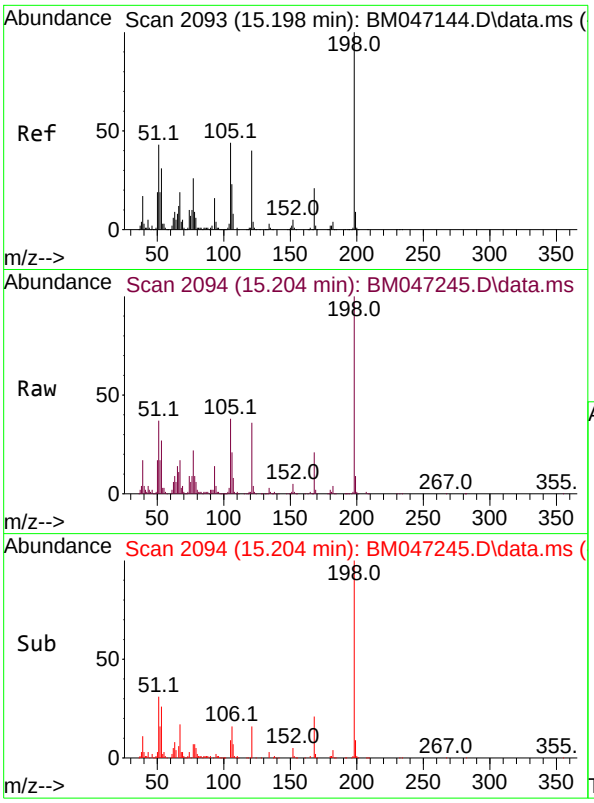


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:188 Resp: 1666055

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	9.3	8.0	12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 39.198 ng
RT: 15.204 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:198 Resp: 38235

Ion	Ratio	Lower	Upper
198	100		
51	37.4	23.9	63.9
105	38.2	24.3	64.3

Instrument :
BNA_M
ClientSampleId :
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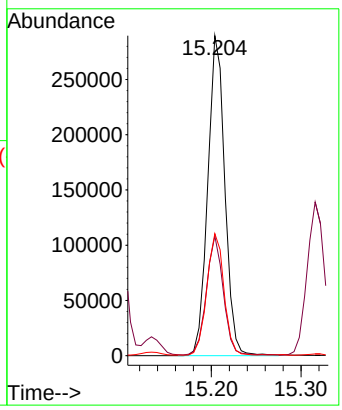
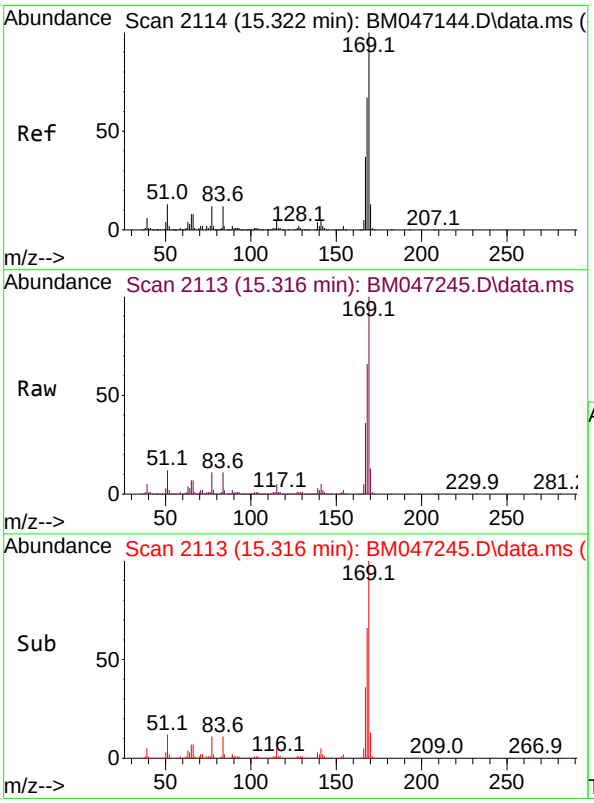
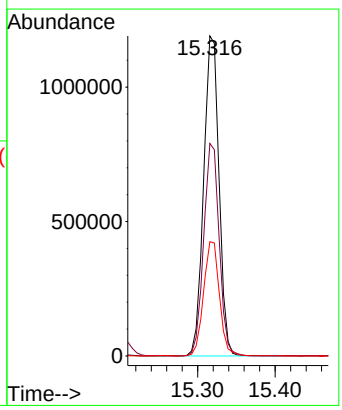


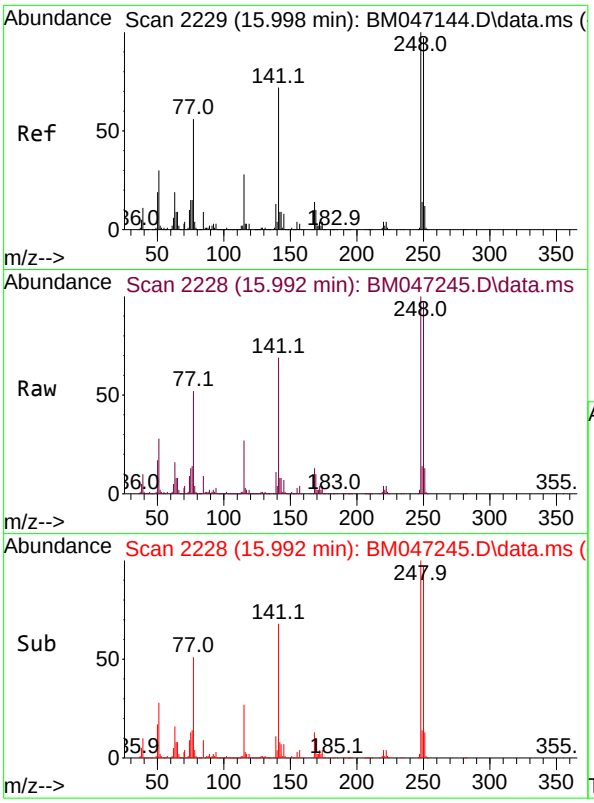


#66
n-Nitrosodiphenylamine
Concen: 36.072 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:169 Resp: 1636928

Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.8	80.8
167	35.7	29.3	43.9





#67
4-Bromophenyl-phenylether
Concen: 38.724 ng
RT: 15.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:248 Resp: 62168

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.8
141	68.6	57.7	86.5

Instrument :
BNA_M
ClientSampleId :
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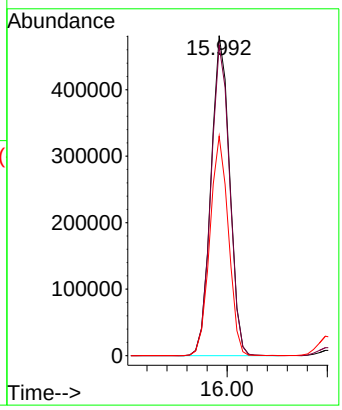
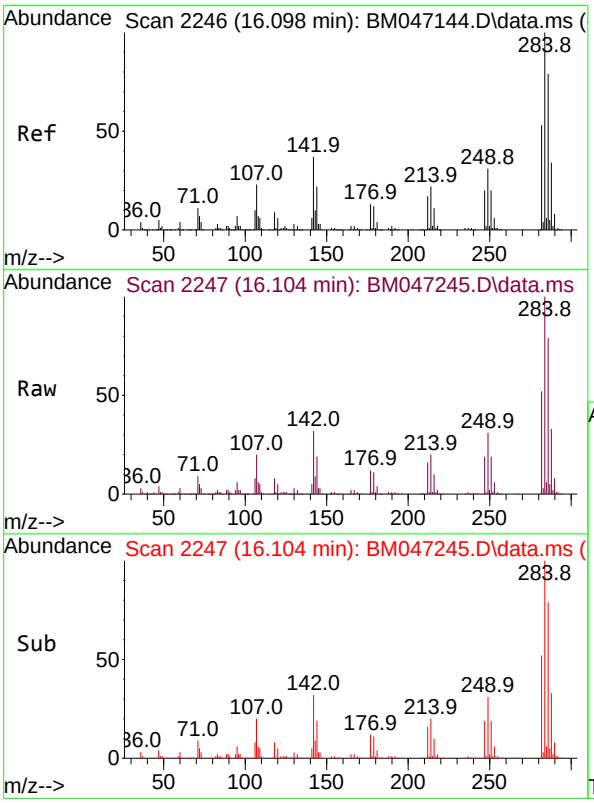
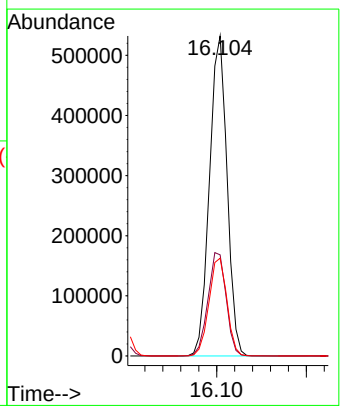


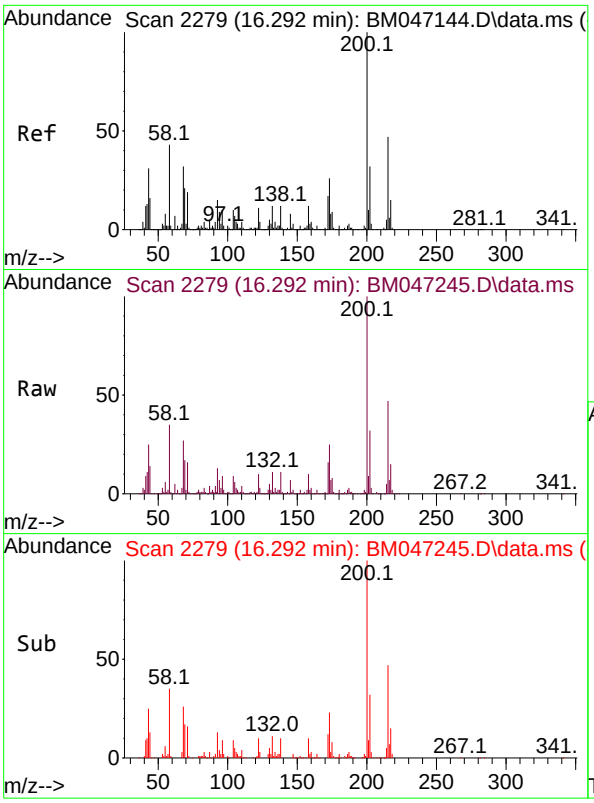


#68
Hexachlorobenzene
Concen: 37.617 ng
RT: 16.104 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:284 Resp: 723291

Ion	Ratio	Lower	Upper
284	100		
142	31.6	29.4	44.0
249	30.6	25.1	37.7

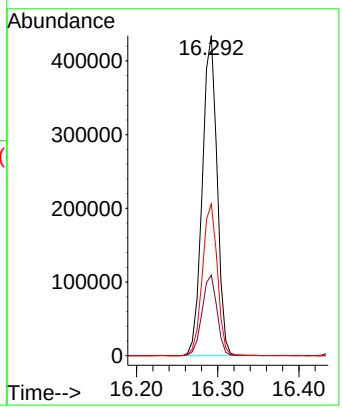




#69
Atrazine
Concen: 40.182 ng
RT: 16.292 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:200 Resp: 54870

Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	47.4	26.8	66.8



Instrument :
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ClientSampleId :
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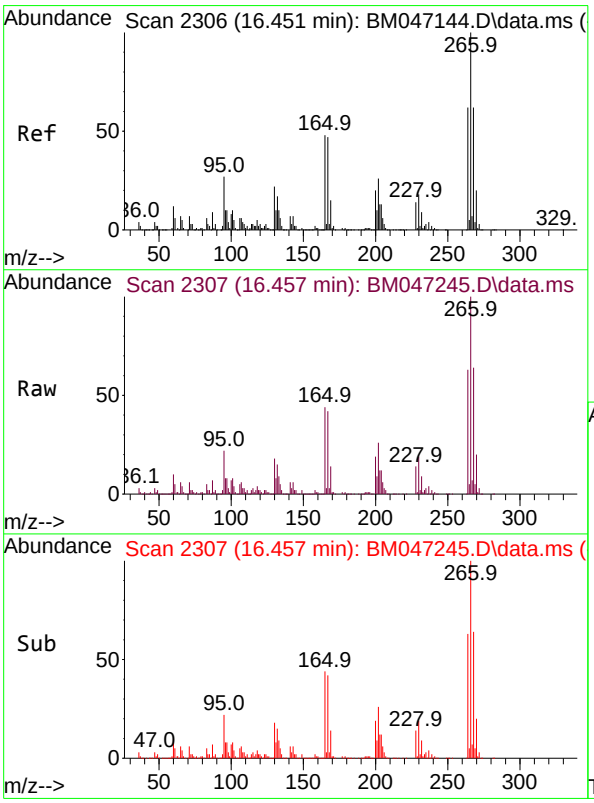
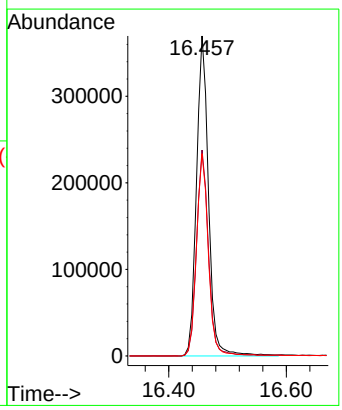
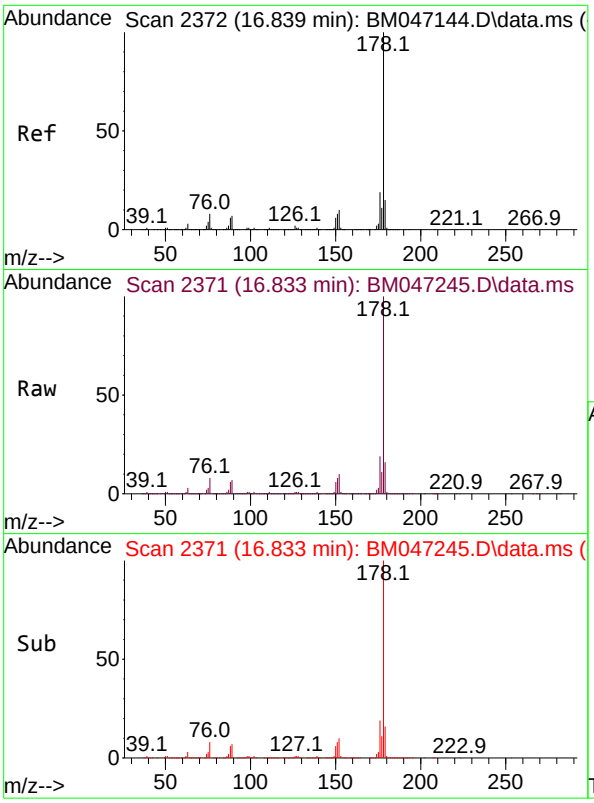


#70
Pentachlorophenol
Concen: 38.946 ng
RT: 16.457 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:266 Resp: 524917

Ion	Ratio	Lower	Upper
266	100		
268	64.4	49.8	74.6
264	63.3	49.6	74.4





#71
Phenanthrene
Concen: 35.707 ng
RT: 16.833 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:178 Resp: 298554

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.4	18.6

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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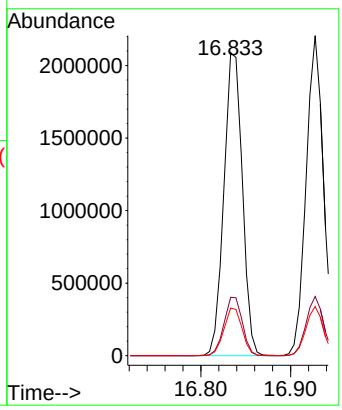
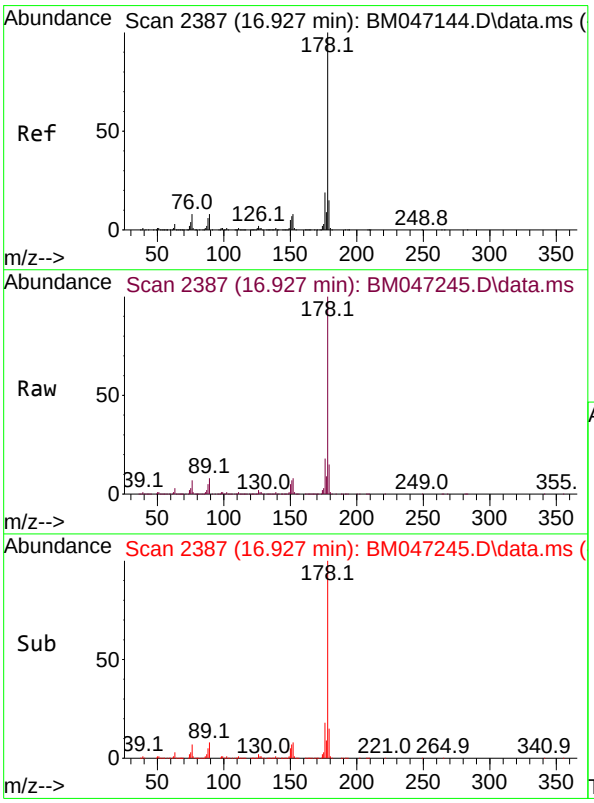
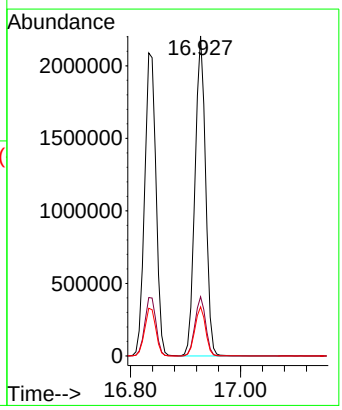


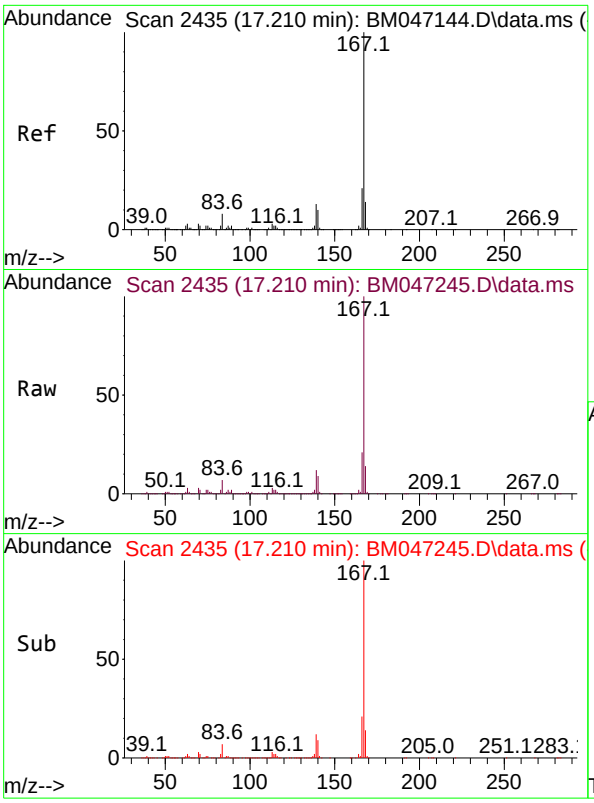


#72
Anthracene
Concen: 36.372 ng
RT: 16.927 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:178 Resp: 2959126

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.4	18.6

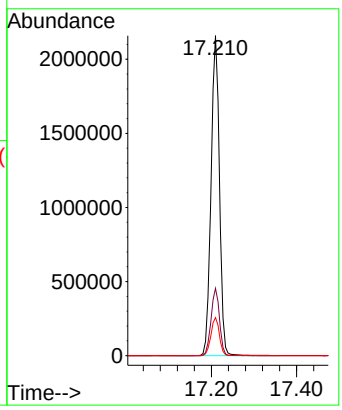




#73
Carbazole
Concen: 35.772 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:167 Resp: 297145

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	11.9	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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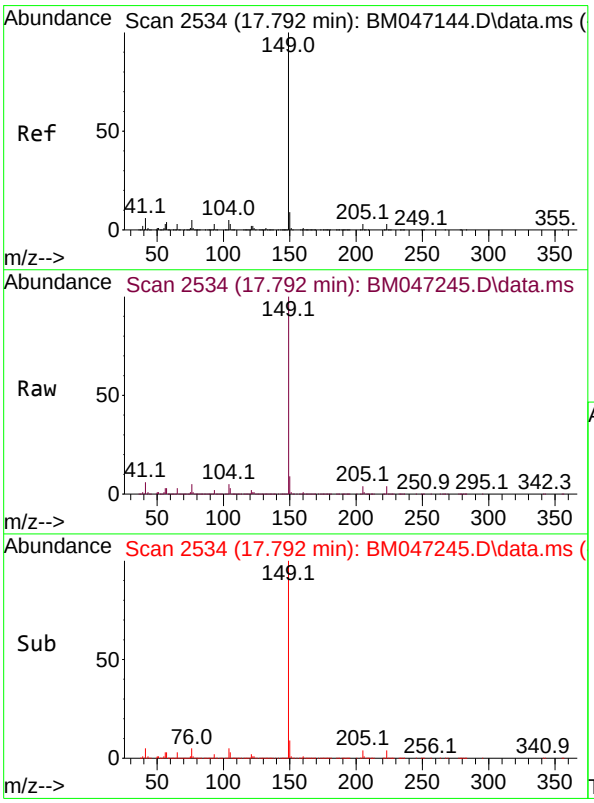
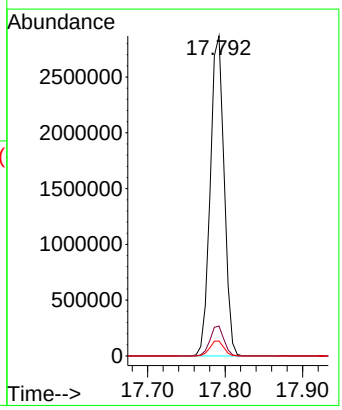
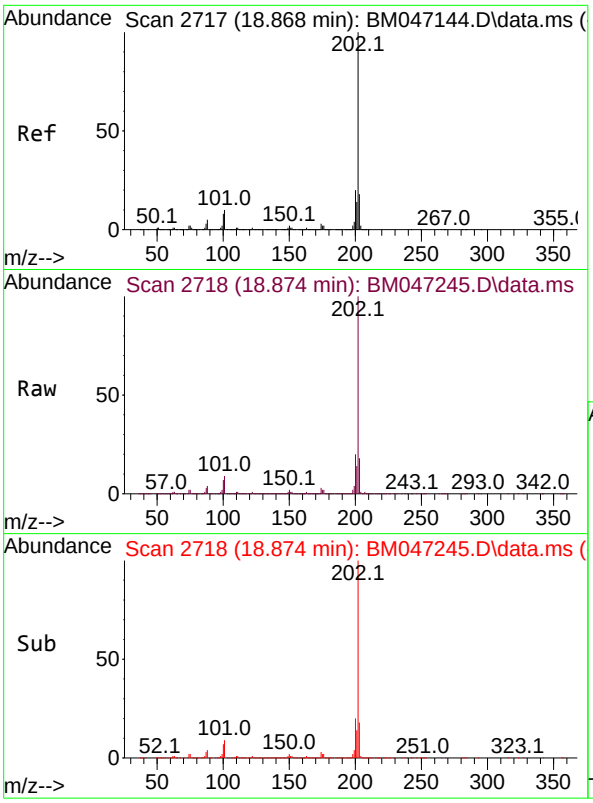


#74
Di-n-butylphthalate
Concen: 36.901 ng
RT: 17.792 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:149 Resp: 3566712

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.7	4.1	6.1





#75
Fluoranthene
Concen: 36.741 ng
RT: 18.874 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:202 Resp: 373657

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.2
203	17.6	0.0	37.6

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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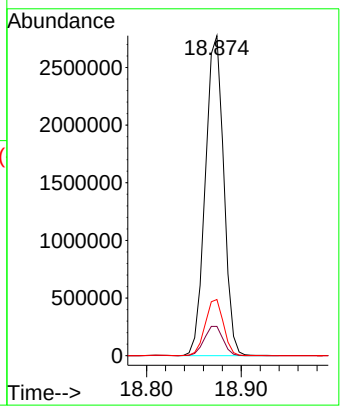
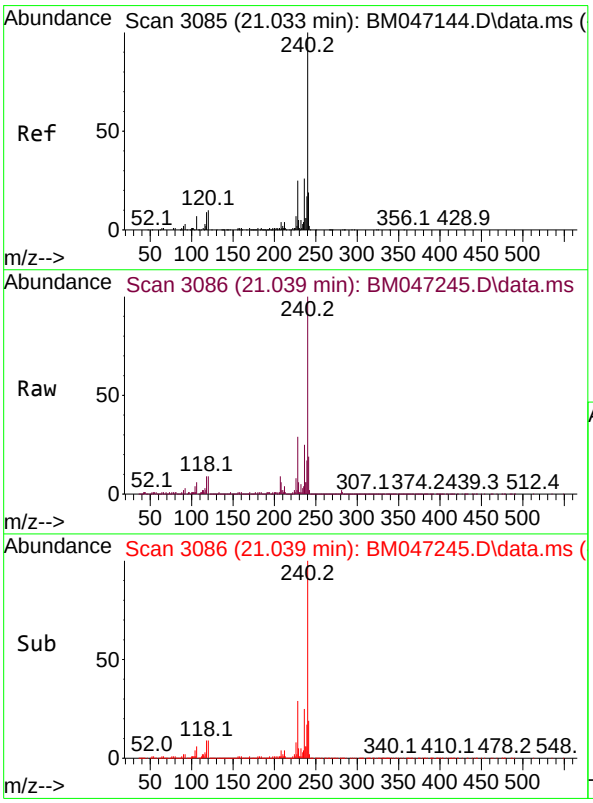
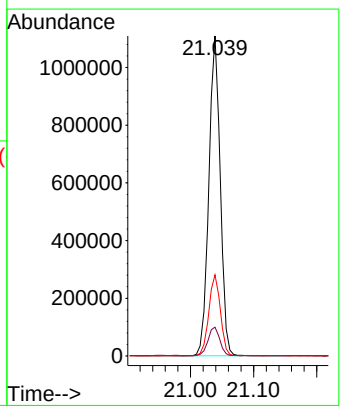


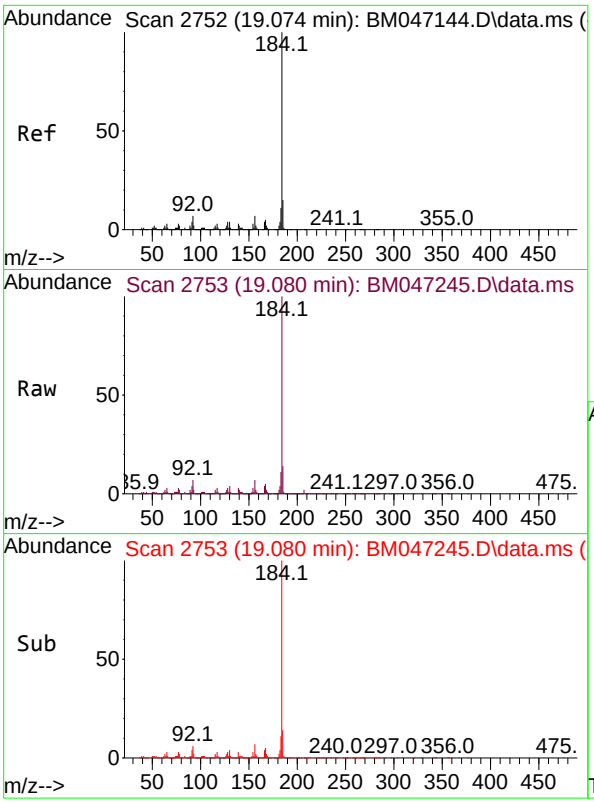


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.039 min Scan# 3086
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:240 Resp: 1393632

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	25.3	20.6	30.8

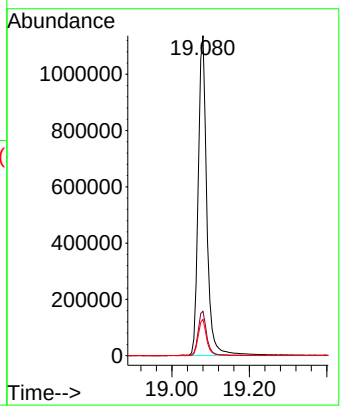




#77
Benzidine
Concen: 74.129 ng
RT: 19.080 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:184 Resp: 175194

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.6
183	11.4	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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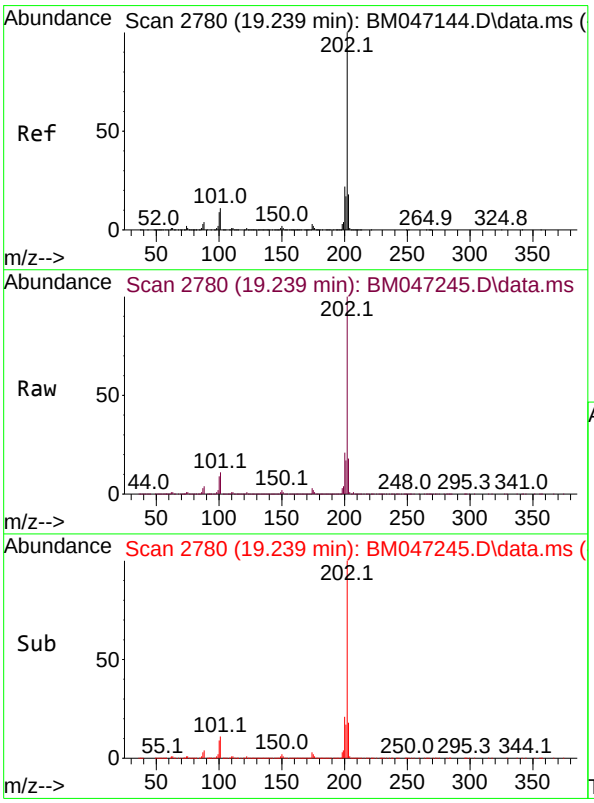
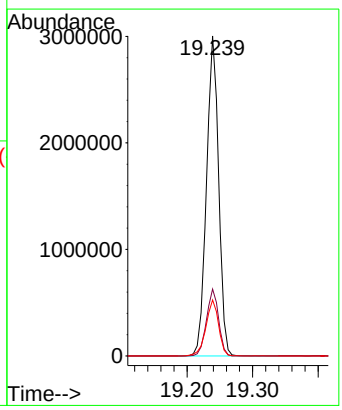
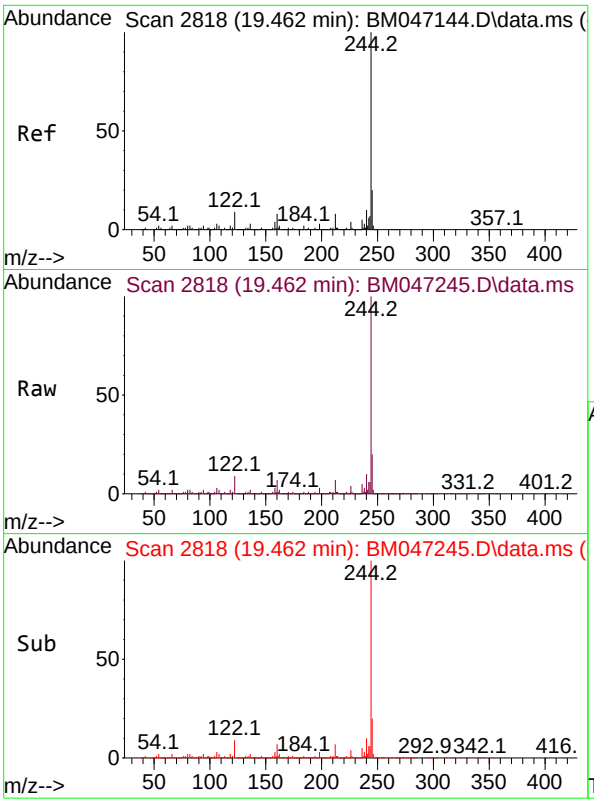


#78
Pyrene
Concen: 38.894 ng
RT: 19.239 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:202 Resp: 3870284

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.5	14.2	21.2





#79
Terphenyl-d14
Concen: 79.011 ng
RT: 19.462 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:244 Resp: 513881

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	8.5	7.1	10.7

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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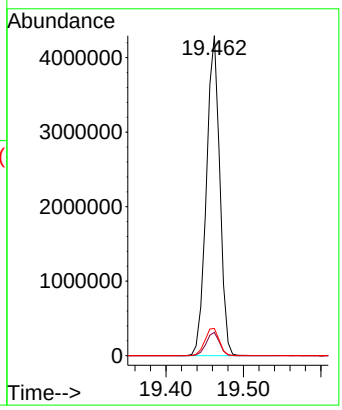
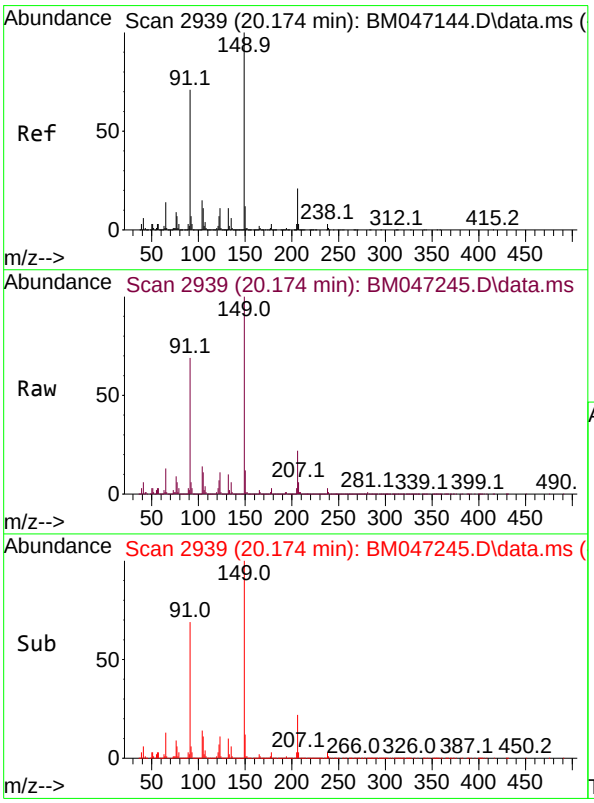
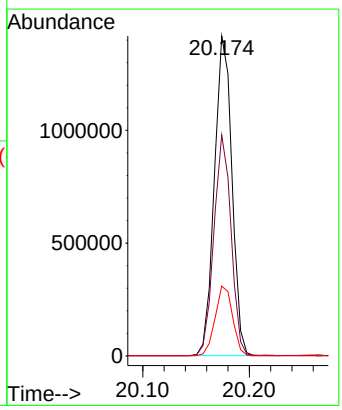


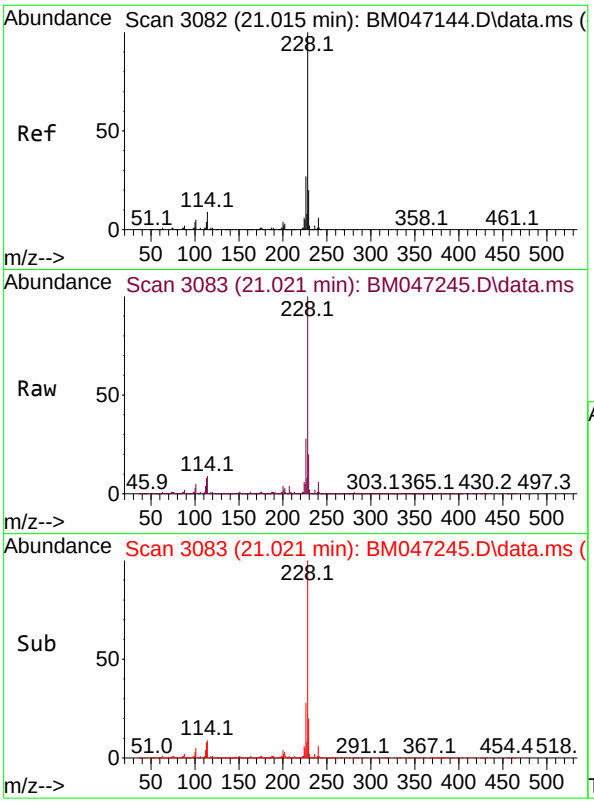


#80
Butylbenzylphthalate
Concen: 39.837 ng
RT: 20.174 min Scan# 2939
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:149 Resp: 1617756

Ion	Ratio	Lower	Upper
149	100		
91	69.1	57.0	85.4
206	21.8	16.4	24.6





#81
Benzo(a)anthracene
Concen: 36.457 ng
RT: 21.021 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:228 Resp: 337291

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.7	15.8	23.8

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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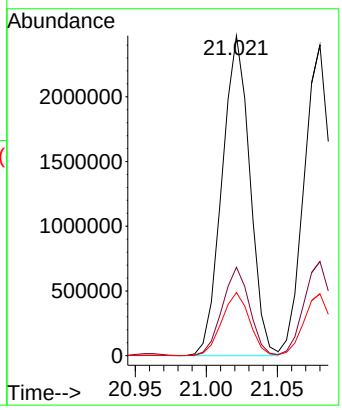
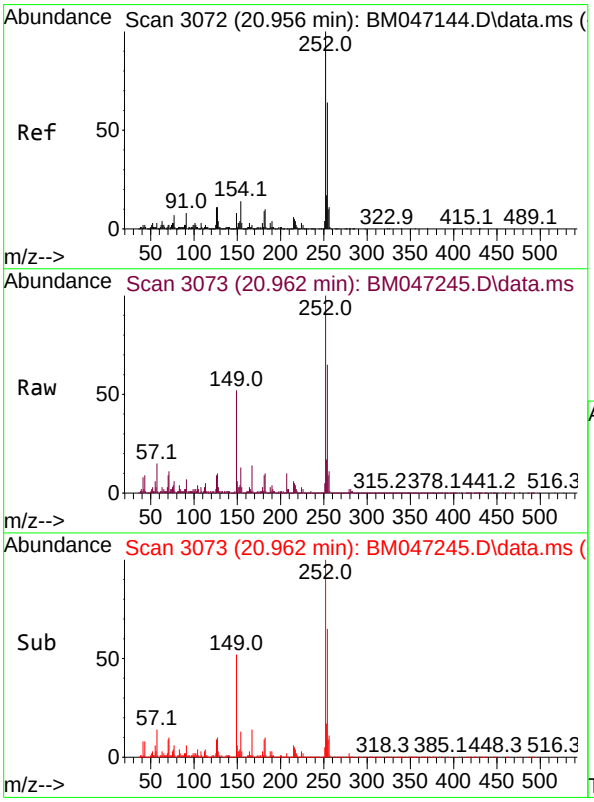
Supervised By :mohammad ahmed 08/21/2024

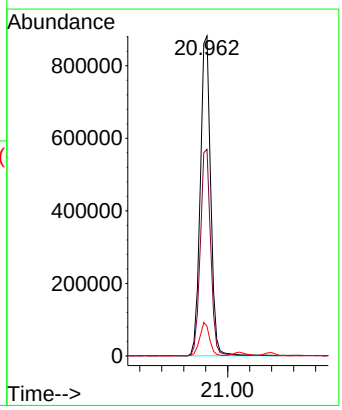


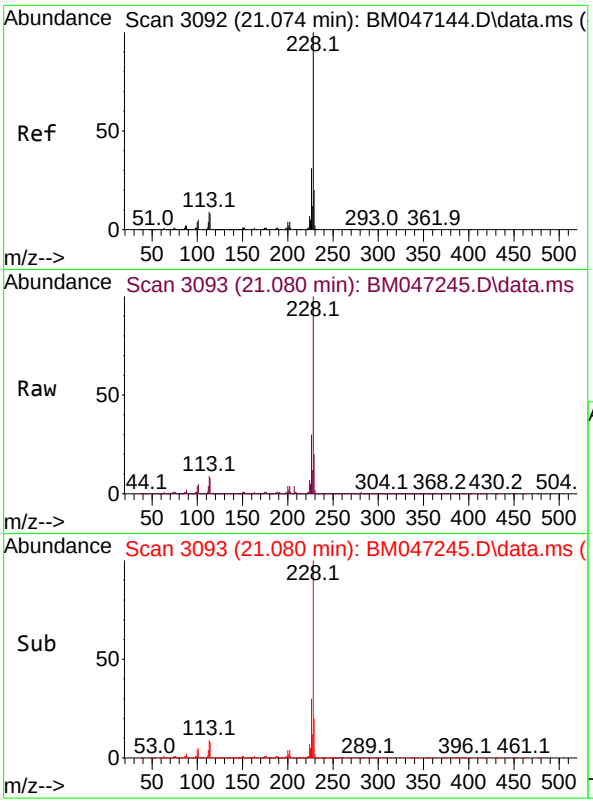


#82
3,3'-Dichlorobenzidine
Concen: 40.023 ng
RT: 20.962 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:252 Resp: 1158555

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.6
126	9.3	8.5	12.7

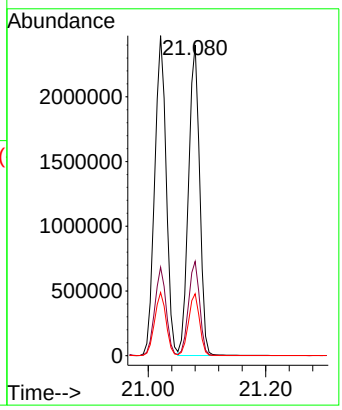




#83
Chrysene
Concen: 35.801 ng
RT: 21.080 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:228 Resp: 314255

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.0	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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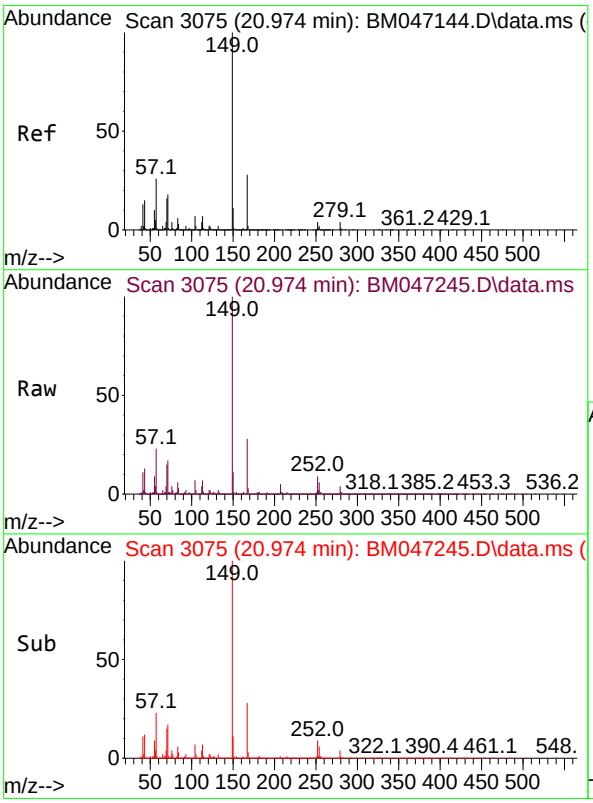
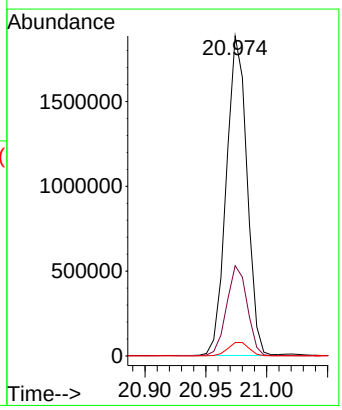
Supervised By :mohammad ahmed 08/21/2024

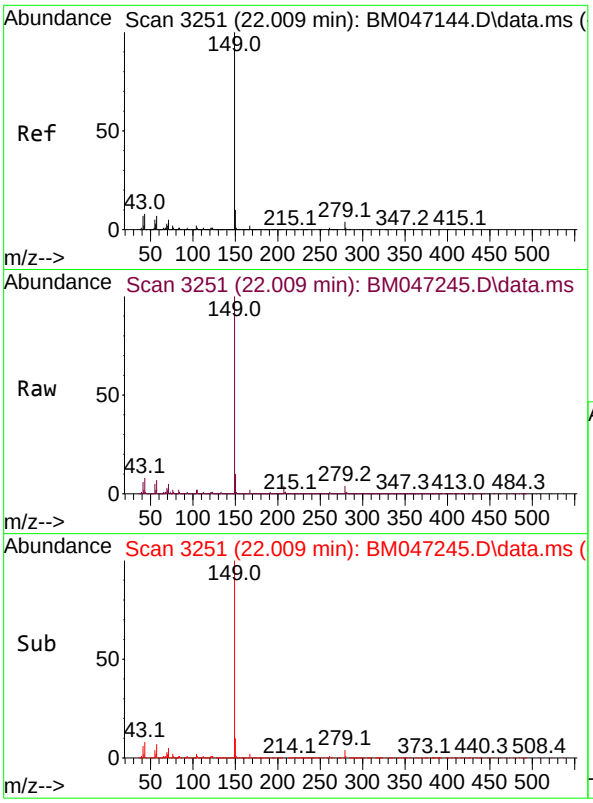


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.531 ng
RT: 20.974 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:149 Resp: 2219045

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	4.2	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 40.314 ng
RT: 22.009 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:149 Resp: 394629

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
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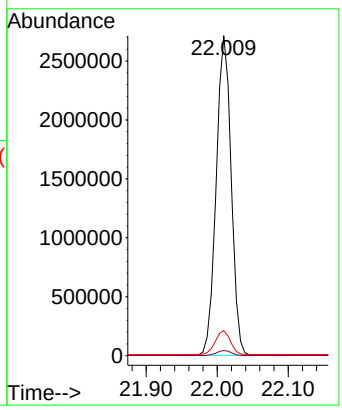
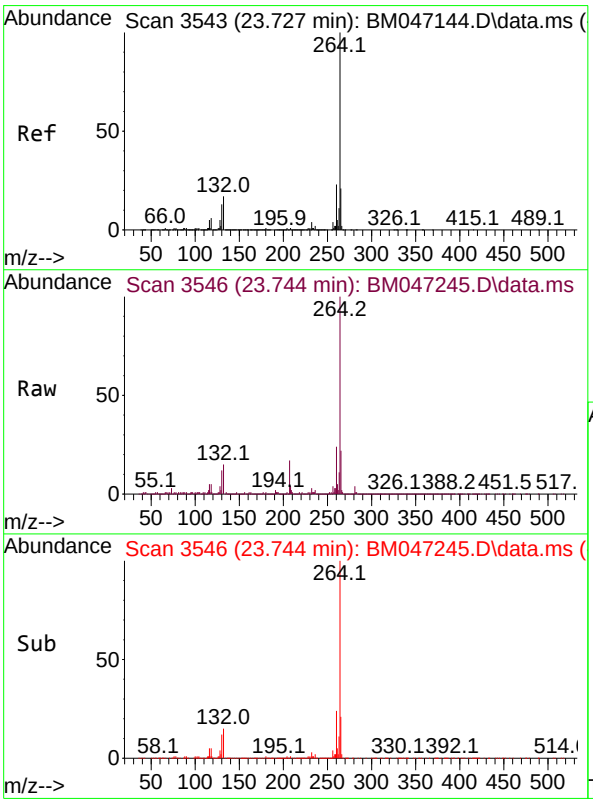
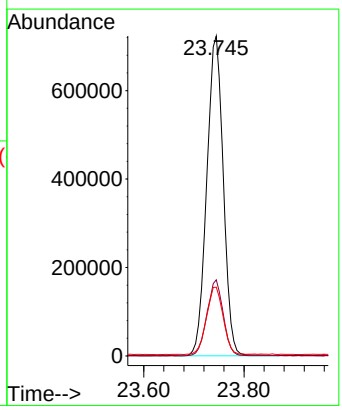


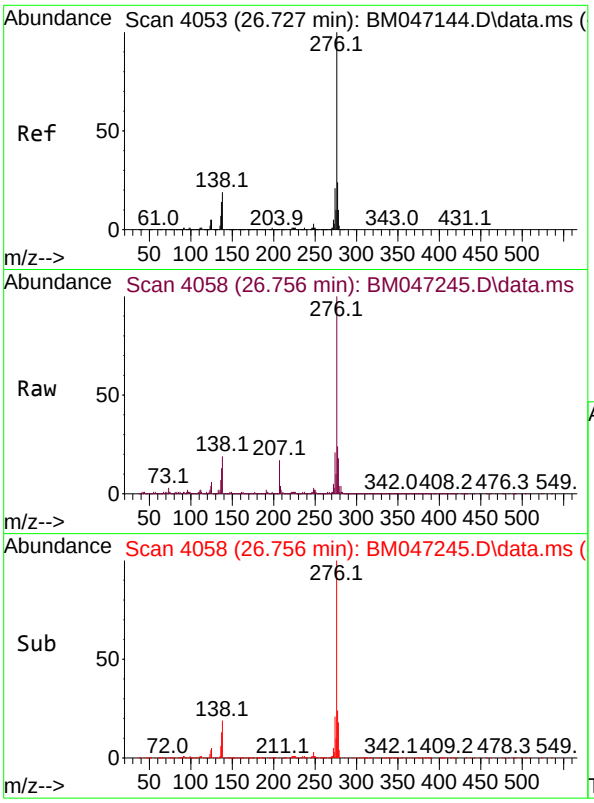


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.744 min Scan# 3546
Delta R.T. 0.018 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:264 Resp: 1655413

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.5	17.3	25.9

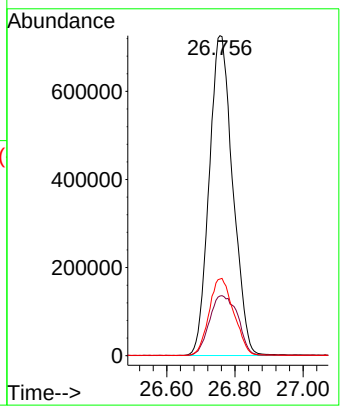




#87
Indeno(1,2,3-cd)pyrene
Concen: 32.635 ng
RT: 26.756 min Scan# 4
Delta R.T. 0.029 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:276 Resp: 349200

Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.4	29.0
277	25.2	20.1	30.1



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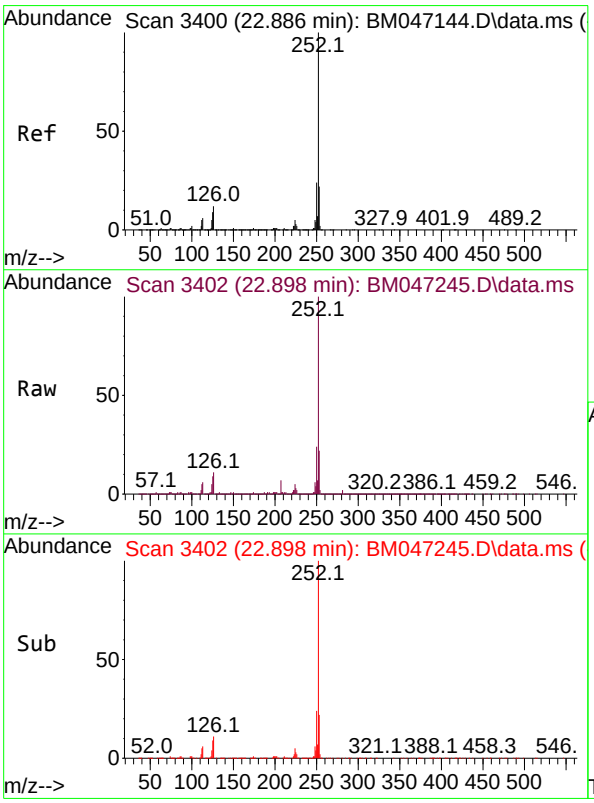
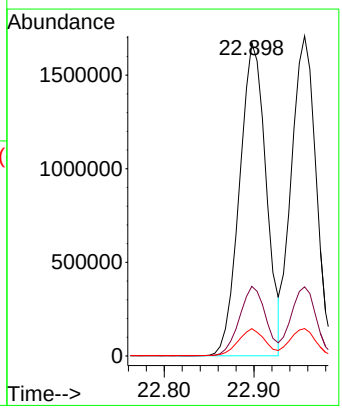
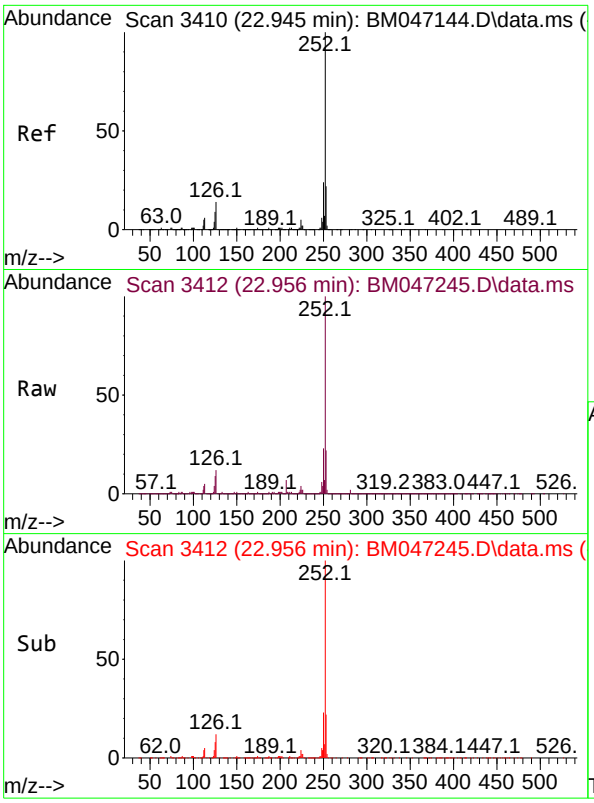


#88
Benzo(b)fluoranthene
Concen: 35.020 ng
RT: 22.898 min Scan# 3402
Delta R.T. 0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:252 Resp: 3442805

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.7	7.4	11.0

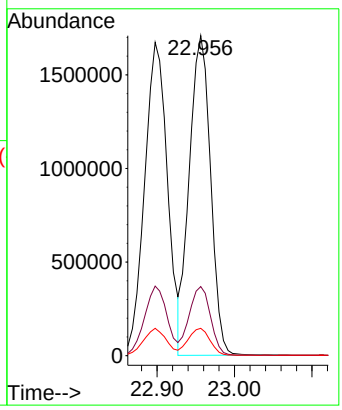




#89
Benzo(k)fluoranthene
Concen: 34.961 ng
RT: 22.956 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:252 Resp: 324633

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	8.6	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
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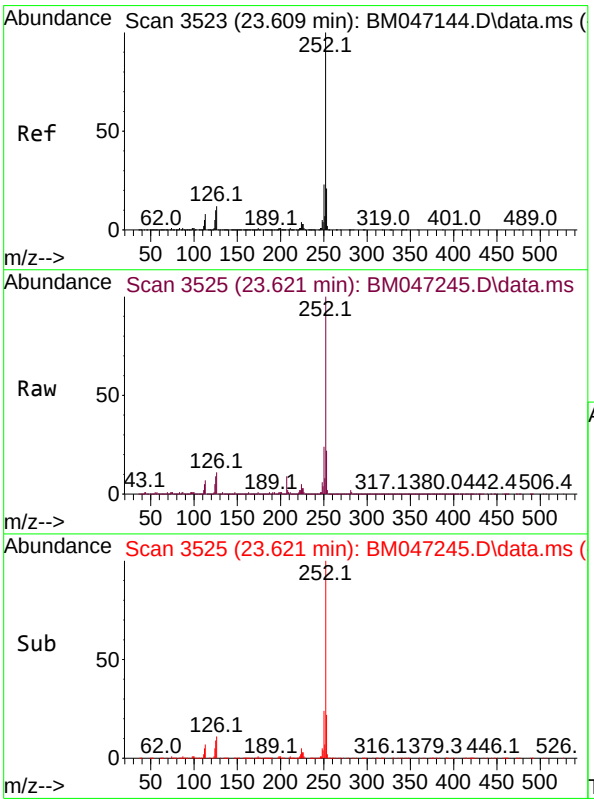
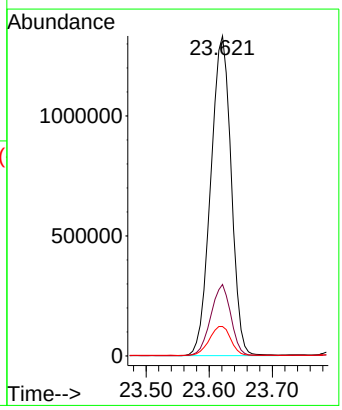
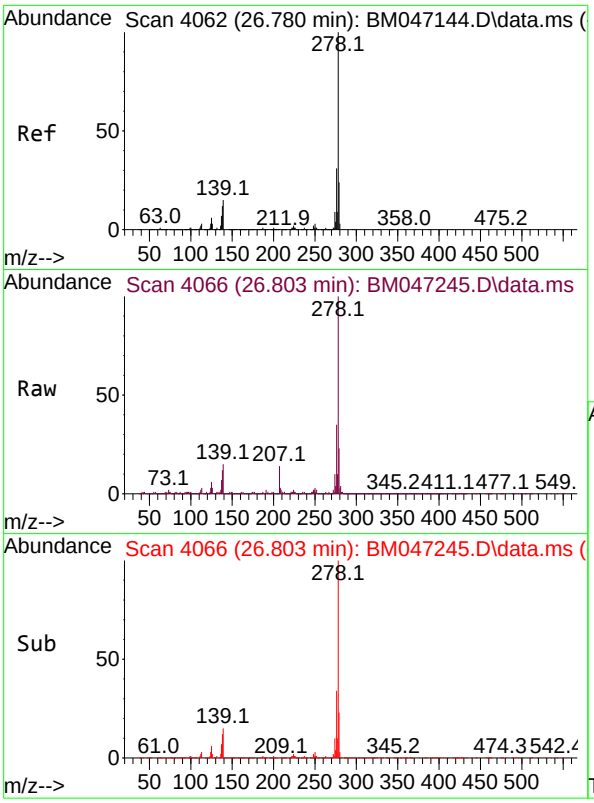


#90
Benzo(a)pyrene
Concen: 35.215 ng
RT: 23.621 min Scan# 3525
Delta R.T. 0.012 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:252 Resp: 2998995

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.2	8.2	12.2

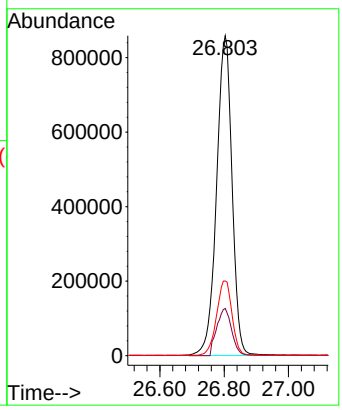




#91
Dibenzo(a,h)anthracene
Concen: 33.190 ng
RT: 26.803 min Scan# 4
Delta R.T. 0.023 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:278 Resp: 287409

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.0	18.0
279	23.3	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
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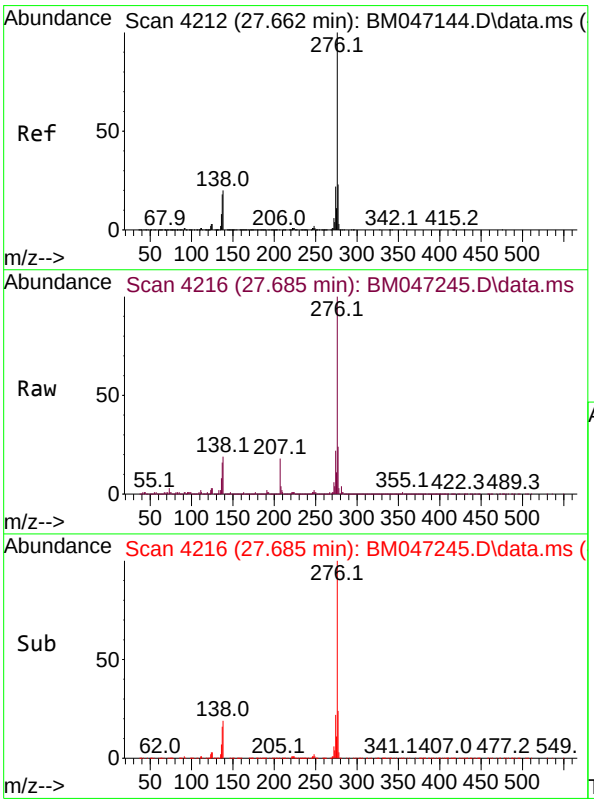
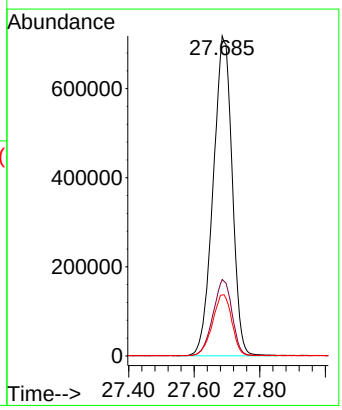


#92
Benzo(g,h,i)perylene
Concen: 31.992 ng
RT: 27.685 min Scan# 4216
Delta R.T. 0.023 min
Lab File: BM047245.D
Acq: 19 Aug 2024 09:42

Tgt Ion:276 Resp: 2876281

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	19.1	16.2	24.4