Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028132.D
Acq On : 15 Dec 2020 18:09
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Dec 16 00:49:36 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 00:46:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.216	152	203941	20.00	ng		0.00
21) Naphthalene-d8	11.045	136	847396	20.00	ng		# 0.00
39) Acenaphthene-d10	14.845	164	508723	20.00	ng		0.00
64) Phenanthrene-d10	17.557	188	1057778	20.00	ng		# 0.00
76) Chrysene-d12	21.674	240	948662	20.00	ng		# 0.00
86) Perylene-d12	24.039	264	854516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.711	112	891972	69.11	ng		0.00
7) Phenol-d6	7.357	99	1262623	69.60	ng		0.00
23) Nitrobenzene-d5	9.399	82	1213382	65.32	ng		0.00
42) 2,4,6-Tribromophenol	16.316	330	492425	81.06	ng		0.00
45) 2-Fluorobiphenyl	13.475	172	2767006	77.61	ng		0.00
79) Terphenyl-d14	20.133	244	3861452	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	180297	32.53	ng	#	68
3) Pyridine	3.899	79	515449	32.44	ng	#	50
4) n-Nitrosodimethylamine	3.805	42	273181	27.73	ng	#	62
6) Aniline	7.534	93	705019	34.45	ng		97
8) 2-Chlorophenol	7.769	128	512861	39.57	ng		97
9) Benzaldehyde	7.340	77	323604	34.64	ng		82
10) Phenol	7.387	94	597654	34.84	ng		86
11) bis(2-Chloroethyl)ether	7.628	93	499024	37.89	ng		90
12) 1,3-Dichlorobenzene	8.104	146	601978	38.06	ng	#	92
13) 1,4-Dichlorobenzene	8.252	146	608637	38.28	ng		98
14) 1,2-Dichlorobenzene	8.575	146	586407	38.77	ng		98
15) Benzyl Alcohol	8.457	79	445780	30.70	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.746	45	901342	42.80	ng		69
17) 2-Methylphenol	8.657	107	421844	36.58	ng	#	88
18) Hexachloroethane	9.316	117	231294	36.74	ng		90
19) n-Nitroso-di-n-propyla...	9.034	70	397858	33.53	ng	#	66
20) 3+4-Methylphenols	8.987	107	564982	36.85	ng		90
22) Acetophenone	9.052	105	759485	31.56	ng	#	87
24) Nitrobenzene	9.440	77	586089	30.68	ng	#	87
25) Isophorone	9.963	82	1009175	31.31	ng		96
26) 2-Nitrophenol	10.151	139	271391	43.17	ng	#	82
27) 2,4-Dimethylphenol	10.198	122	407261	33.01	ng		89
28) bis(2-Chloroethoxy)met...	10.440	93	709193	36.57	ng		98
29) 2,4-Dichlorophenol	10.687	162	486772	36.46	ng		99
30) 1,2,4-Trichlorobenzene	10.904	180	554881	34.12	ng		97
31) Naphthalene	11.098	128	1680043	37.51	ng		99
32) Benzoic acid	10.346	122	342773	47.20	ng	#	85
33) 4-Chloroaniline	11.198	127	715070	36.29	ng		92
34) Hexachlorobutadiene	11.375	225	330864	31.37	ng		99
35) Caprolactam	11.992	113	157055	35.28	ng	#	55
36) 4-Chloro-3-methylphenol	12.304	107	507289	32.67	ng		92
37) 2-Methylnaphthalene	12.687	142	1180093	37.14	ng		96
38) 1-Methylnaphthalene	12.904	142	1122730	37.27	ng		100
40) 1,2,4,5-Tetrachloroben...	13.051	216	570097	35.46	ng		99
41) Hexachlorocyclopentadiene	13.028	237	314311	35.94	ng		99
43) 2,4,6-Trichlorophenol	13.281	196	393781	37.69	ng		99

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Misc :
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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 00:46:47 2020
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.351	196	408382	36.50	ng		97
46) 1,1'-Biphenyl	13.681	154	1490975	38.36	ng		99
47) 2-Chloronaphthalene	13.728	162	1204397	37.41	ng		98
48) 2-Nitroaniline	13.922	65	382441	35.30	ng		91
49) Acenaphthylene	14.569	152	1830371	37.64	ng		100
50) Dimethylphthalate	14.292	163	1477656	36.25	ng		100
51) 2,6-Dinitrotoluene	14.410	165	315388	39.39	ng		92
52) Acenaphthene	14.910	154	1228670	38.55	ng		98
53) 3-Nitroaniline	14.739	138	357977	39.42	ng		91
54) 2,4-Dinitrophenol	14.939	184	178213	52.70	ng		93
55) Dibenzofuran	15.233	168	1741014	36.70	ng		99
56) 4-Nitrophenol	15.028	139	280999	38.17	ng	#	75
57) 2,4-Dinitrotoluene	15.192	165	428074	39.45	ng		91
58) Fluorene	15.880	166	1428201	36.74	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.451	232	372533	37.93	ng		94
60) Diethylphthalate	15.639	149	1539144	37.05	ng		98
61) 4-Chlorophenyl-phenyle...	15.863	204	717243	35.84	ng		95
62) 4-Nitroaniline	15.892	138	389150	37.81	ng	#	80
63) Azobenzene	16.157	77	1432695	33.29	ng		91
65) 4,6-Dinitro-2-methylph...	15.945	198	223134	52.41	ng	#	75
66) n-Nitrosodiphenylamine	16.075	169	1242172	38.91	ng		98
67) 4-Bromophenyl-phenylether	16.751	248	451123	39.88	ng		95
68) Hexachlorobenzene	16.875	284	508863	38.78	ng		97
69) Atrazine	17.010	200	408707	37.82	ng		99
70) Pentachlorophenol	17.204	266	299348	42.10	ng		100
71) Phenanthrene	17.604	178	2228035	37.32	ng		99
72) Anthracene	17.692	178	2184844	37.43	ng		99
73) Carbazole	17.957	167	2032114	36.63	ng		99
74) Di-n-butylphthalate	18.492	149	2705506	41.53	ng		99
75) Fluoranthene	19.586	202	2482707	35.39	ng		96
77) Benzidine	19.757	184	999906	37.04	ng		99
78) Pyrene	19.945	202	2550941	38.76	ng		99
80) Butylbenzylphthalate	20.804	149	1169067	46.95	ng		98
81) Benzo(a)anthracene	21.657	228	2295260	35.84	ng		100
82) 3,3'-Dichlorobenzidine	21.580	252	753570	34.29	ng	#	98
83) Chrysene	21.709	228	2202090	35.65	ng		100
84) Bis(2-ethylhexyl)phtha...	21.562	149	1680812	46.17	ng		97
85) Di-n-octyl phthalate	22.474	149	2655684	43.23	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.486	276	1999148	32.00	ng	#	89
88) Benzo(b)fluoranthene	23.327	252	2062380	35.40	ng	#	97
89) Benzo(k)fluoranthene	23.368	252	2059915	37.15	ng	#	96
90) Benzo(a)pyrene	23.939	252	1865129	34.69	ng	#	96
91) Dibenzo(a,h)anthracene	26.492	278	1676447	32.82	ng	#	93
92) Benzo(g,h,i)perylene	27.239	276	1599779	32.01	ng	#	91

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

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Misc :
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Instrument :
BNA_M
ClientSampleId :
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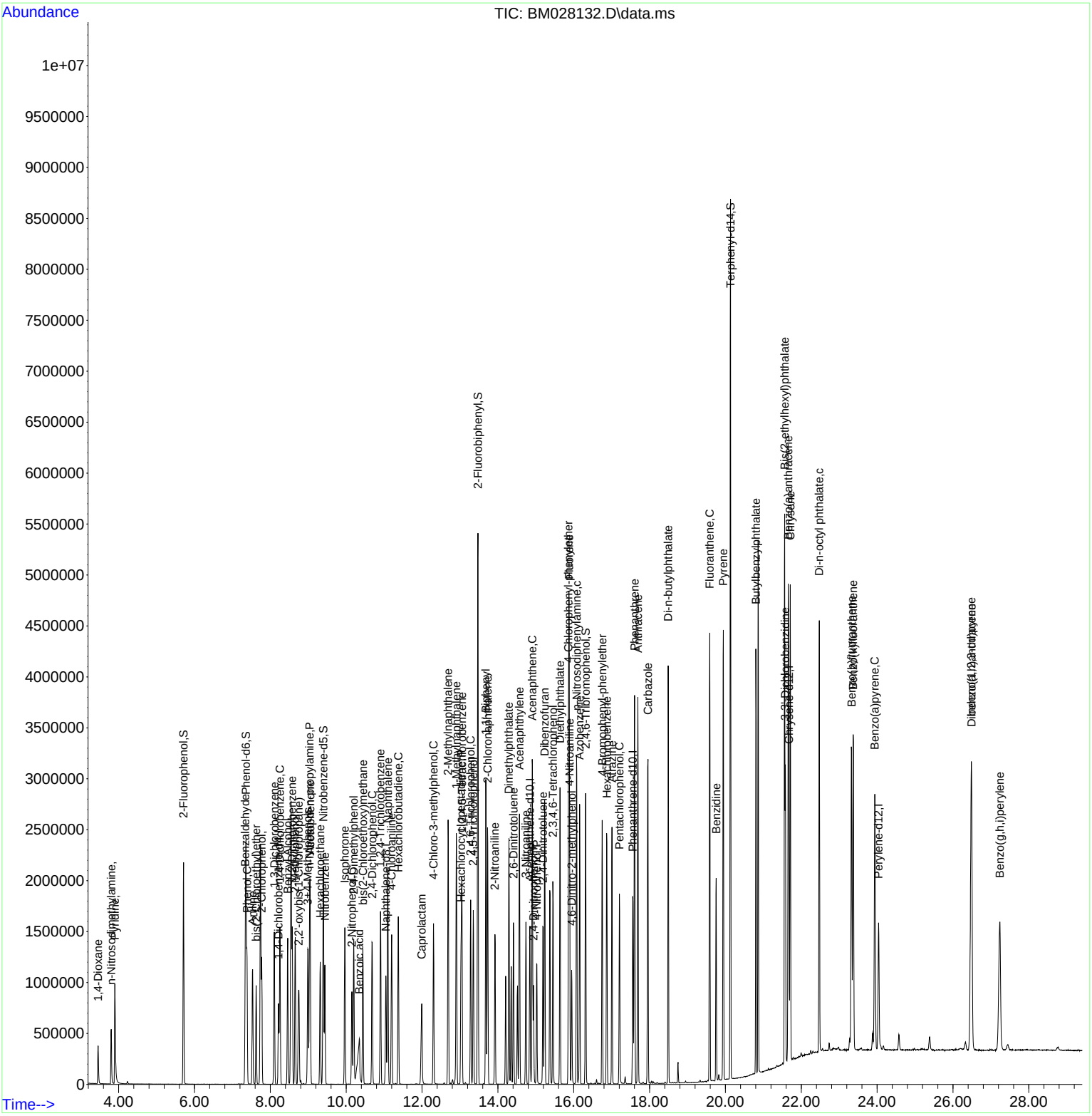
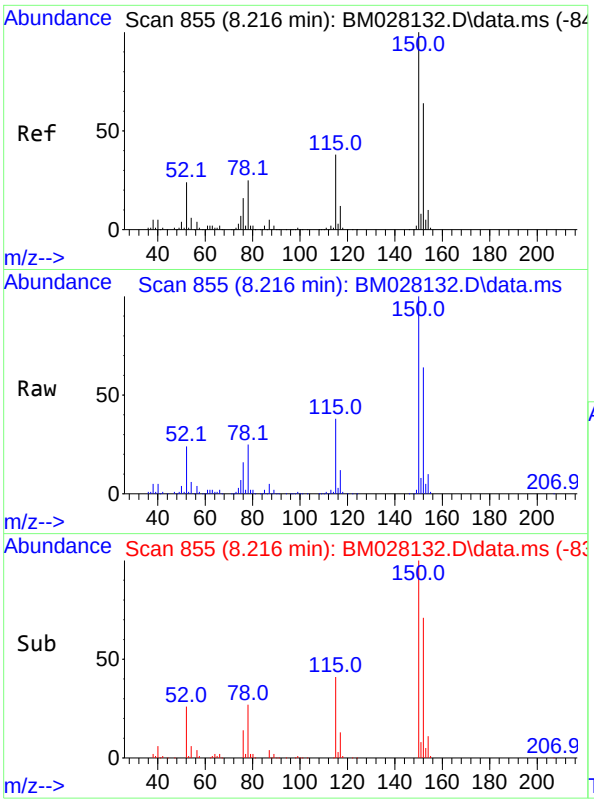


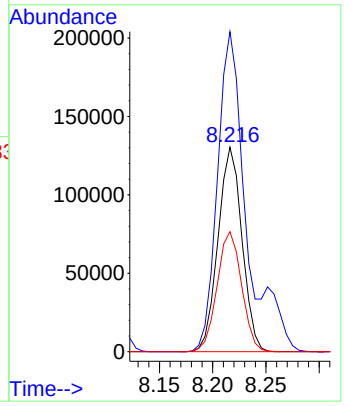
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

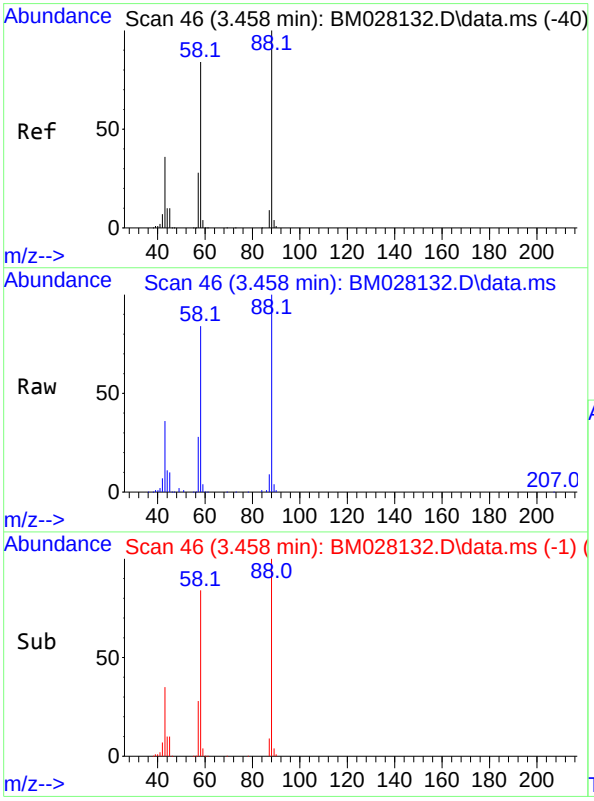


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.216 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:152 Resp: 203941

Ion	Ratio	Lower	Upper
152	100		
150	156.4	120.6	181.0
115	58.7	47.2	70.8

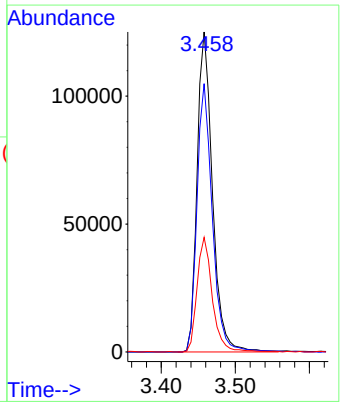




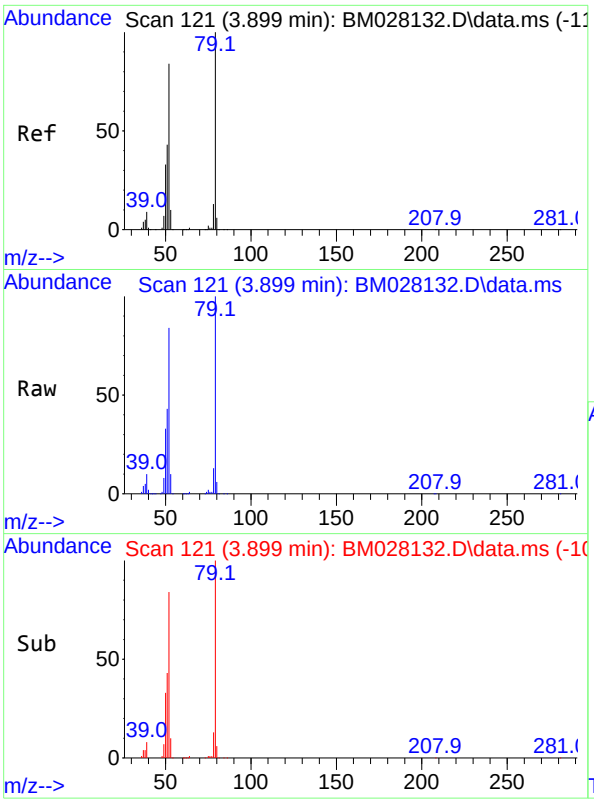
#2
1,4-Dioxane
Concen: 32.53 ng
RT: 3.458 min Scan# 46
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 88 Resp: 180297

Ion	Ratio	Lower	Upper
88	100		
58	84.1	46.2	69.2#
43	35.8	19.0	28.6#



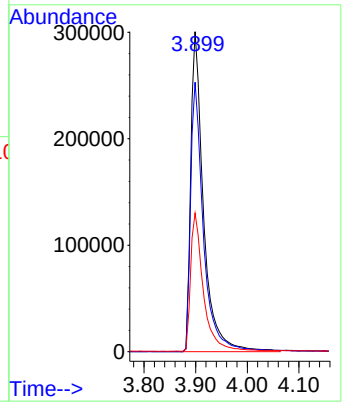
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

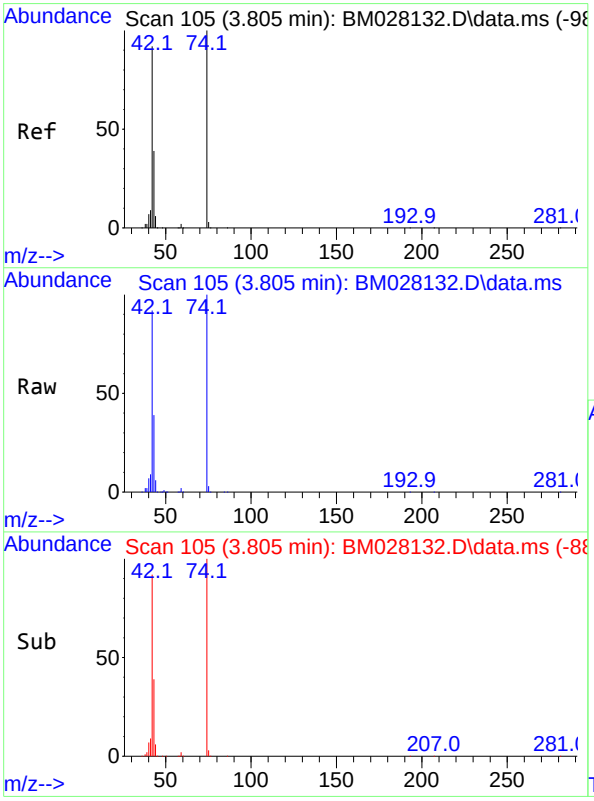


#3
Pyridine
Concen: 32.44 ng
RT: 3.899 min Scan# 121
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 79 Resp: 515449

Ion	Ratio	Lower	Upper
79	100		
52	84.2	35.8	53.8#
51	43.3	21.0	31.6#

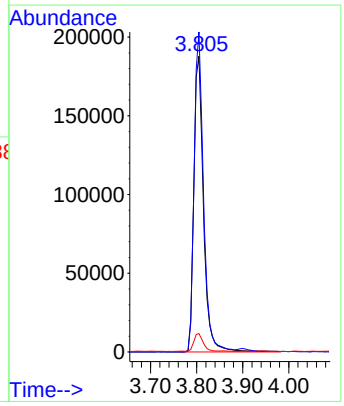




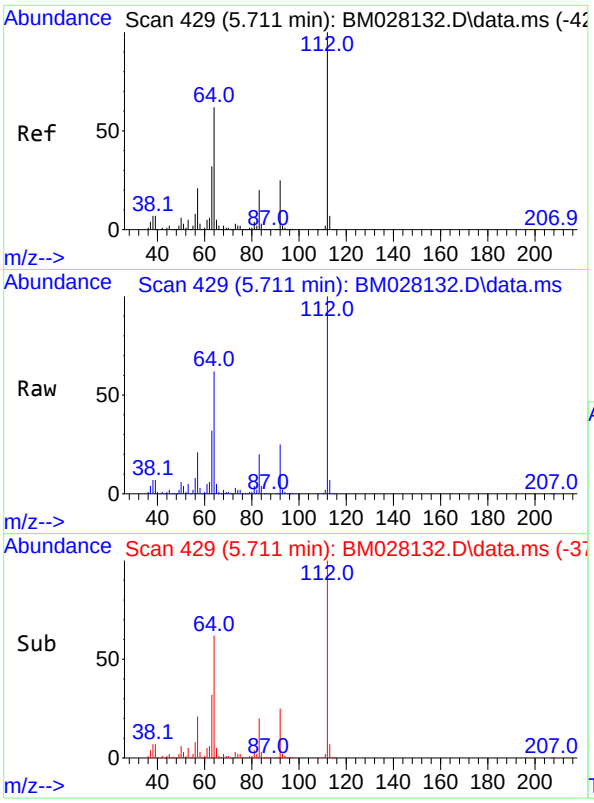
#4
n-Nitrosodimethylamine
Concen: 27.73 ng
RT: 3.805 min Scan# 105
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 42 Resp: 273181

Ion	Ratio	Lower	Upper
42	100		
74	108.2	127.8	191.6#
44	6.2	4.1	6.1#



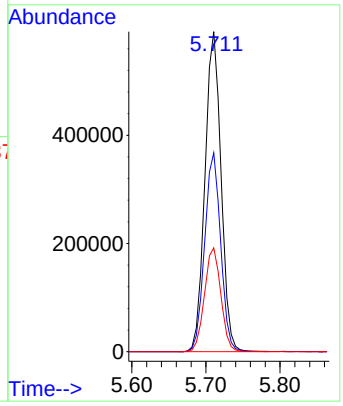
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

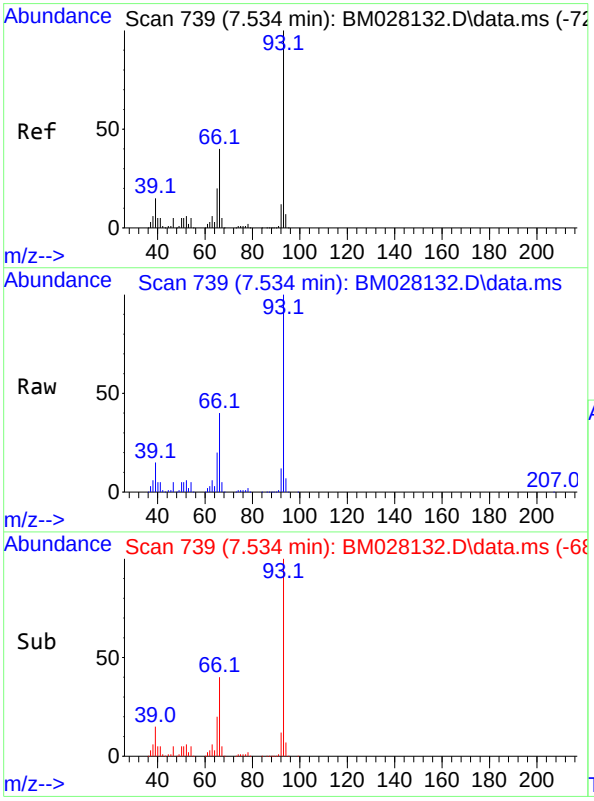


#5
2-Fluorophenol
Concen: 69.11 ng
RT: 5.711 min Scan# 429
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:112 Resp: 891972

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.6	76.0
63	32.4	31.0	46.6

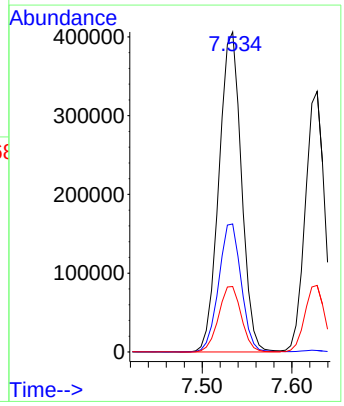




#6
Aniline
Concen: 34.45 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 93 Resp: 705019

Ion	Ratio	Lower	Upper
93	100		
66	40.0	33.3	49.9
65	20.5	17.4	26.0



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ClientSampleId :
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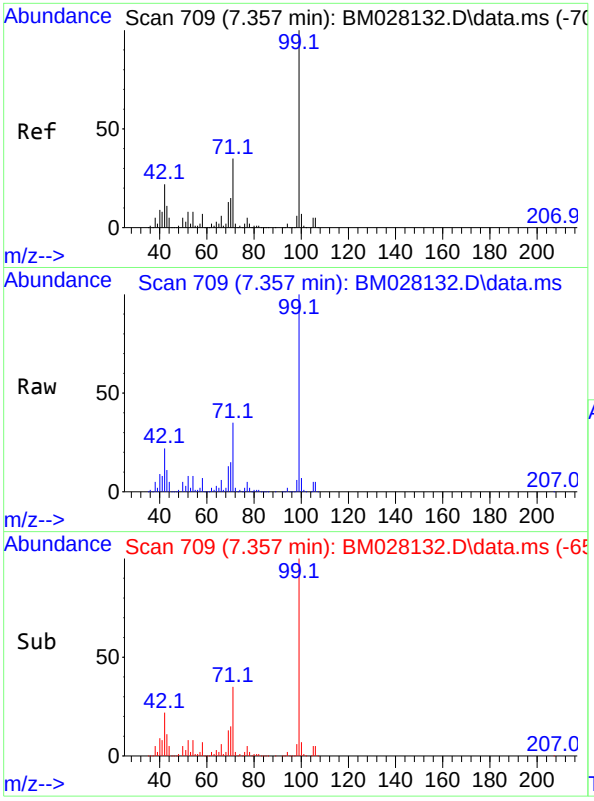
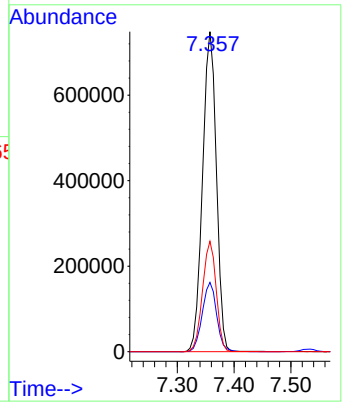
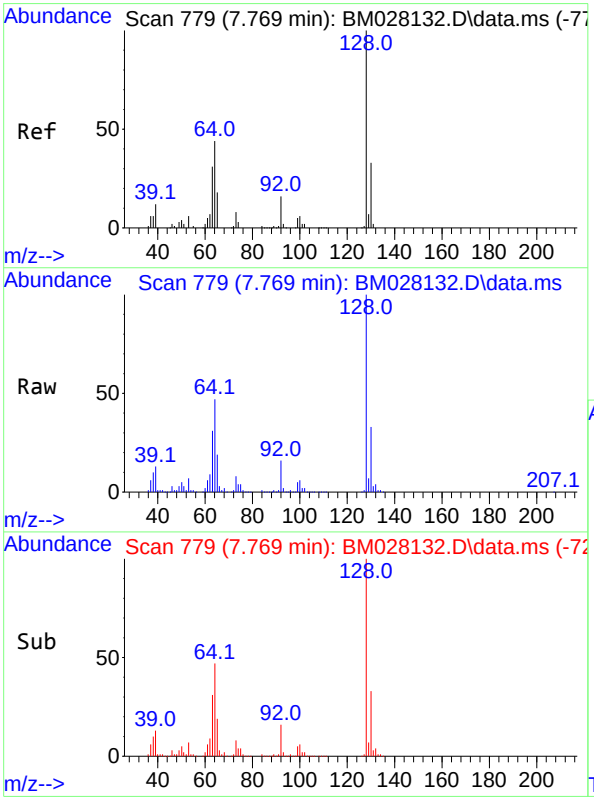


#7
Phenol-d6
Concen: 69.60 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 99 Resp: 1262623

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	34.5	39.4	59.0#

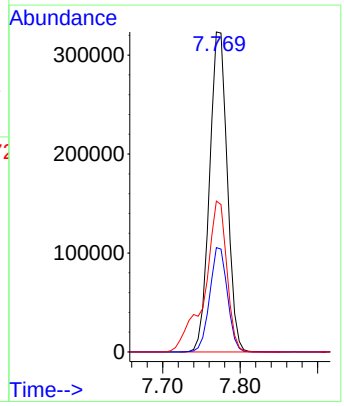




#8
2-Chlorophenol
Concen: 39.57 ng
RT: 7.769 min Scan# 779
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:128 Resp: 512861

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.5	51.5
64	47.2	30.1	70.1



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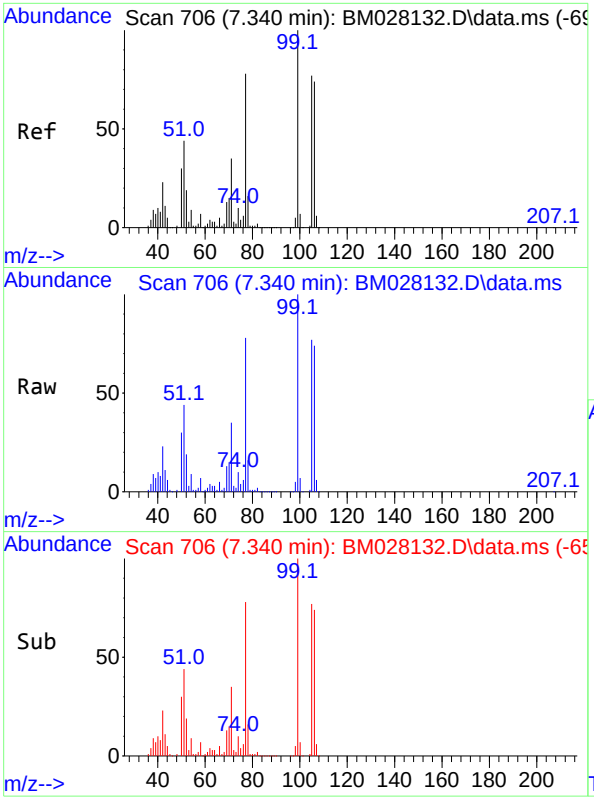
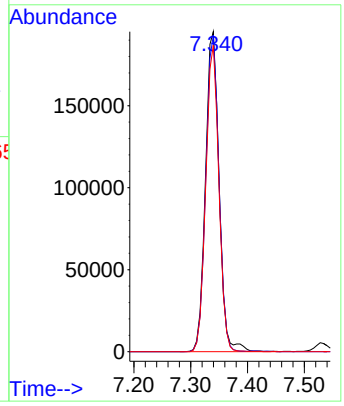
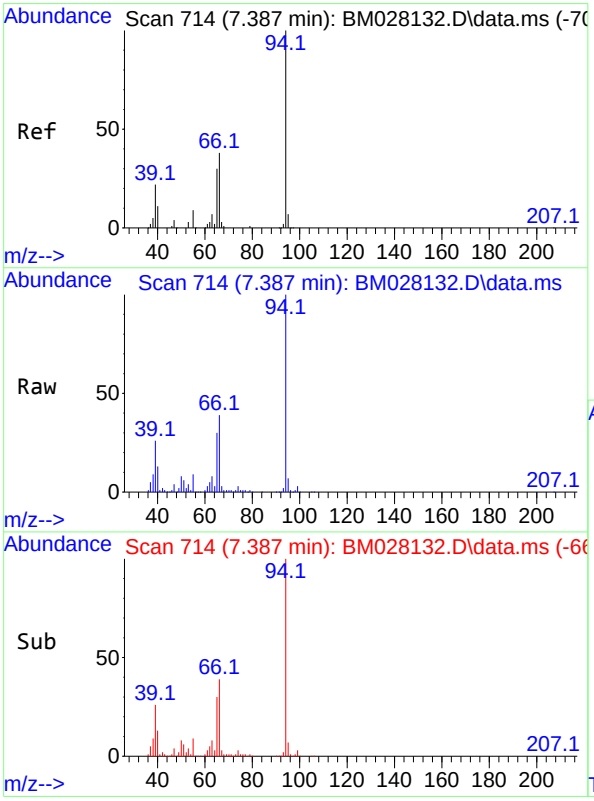


#9
Benzaldehyde
Concen: 34.64 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 77 Resp: 323604

Ion	Ratio	Lower	Upper
77	100		
105	98.9	64.7	104.7
106	95.7	57.5	97.5

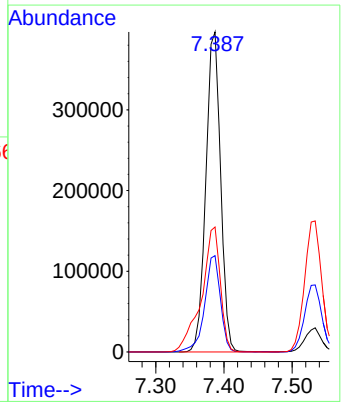




#10
Phenol
Concen: 34.84 ng
RT: 7.387 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 94 Resp: 597654

Ion	Ratio	Lower	Upper
94	100		
65	30.1	16.4	56.4
66	39.0	30.2	70.2



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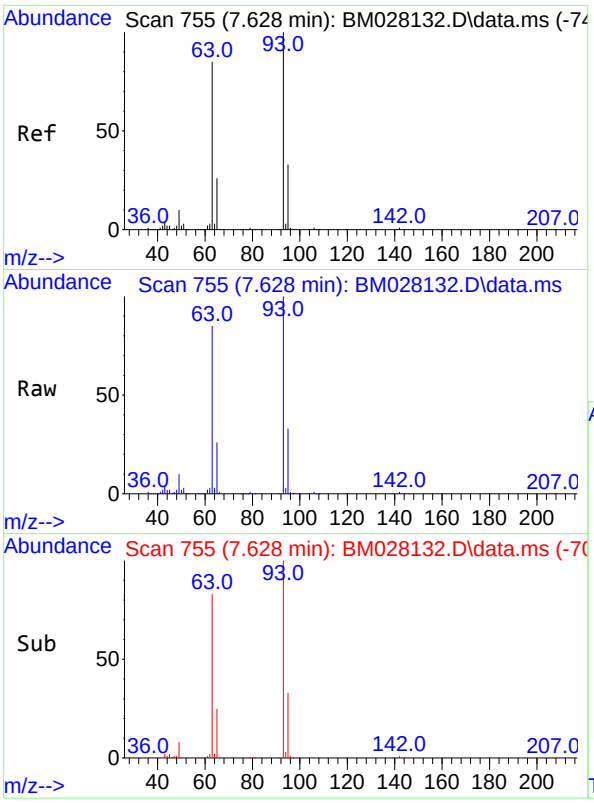
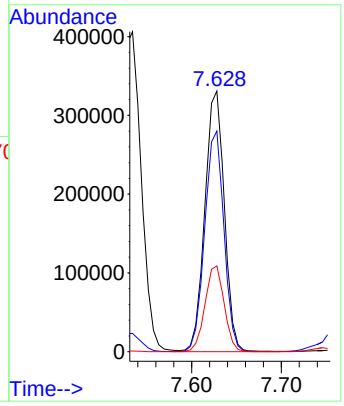
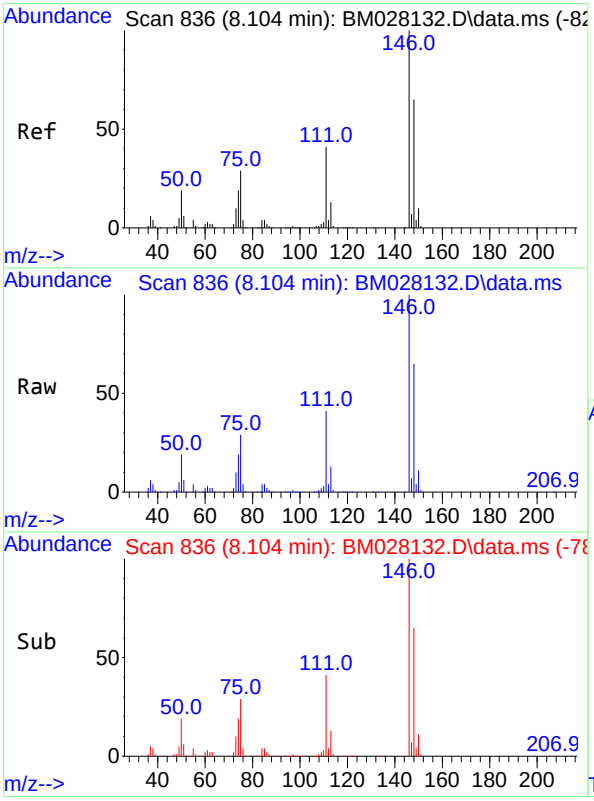


#11
bis(2-Chloroethyl)ether
Concen: 37.89 ng
RT: 7.628 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 93 Resp: 499024

Ion	Ratio	Lower	Upper
93	100		
63	84.7	53.1	93.1
95	32.9	12.1	52.1

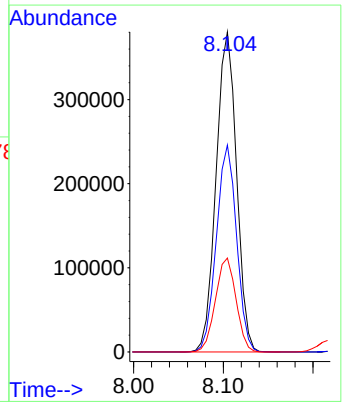




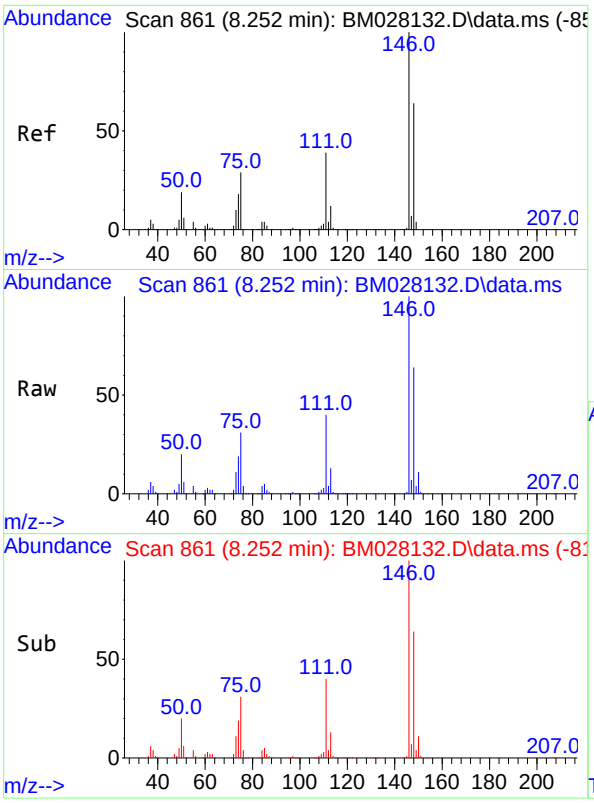
#12
1,3-Dichlorobenzene
Concen: 38.06 ng
RT: 8.104 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:146 Resp: 601978

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	29.4	33.0	49.6#



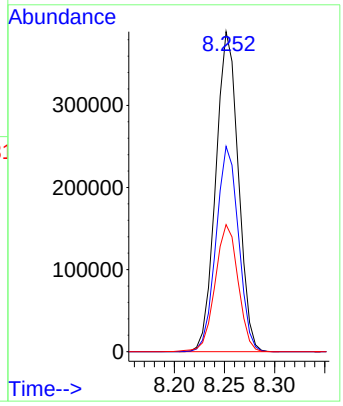
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

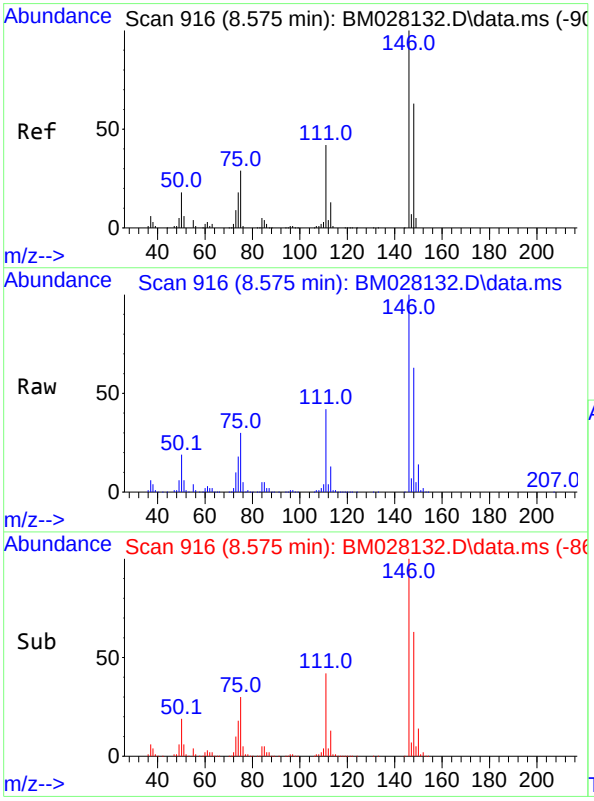


#13
1,4-Dichlorobenzene
Concen: 38.28 ng
RT: 8.252 min Scan# 861
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:146 Resp: 608637

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	39.7	34.4	51.6

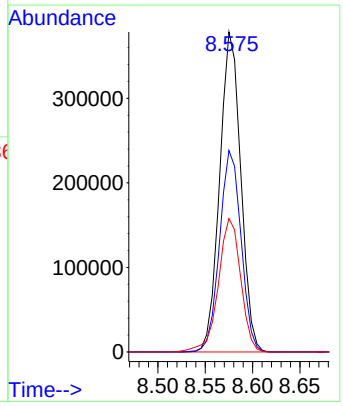




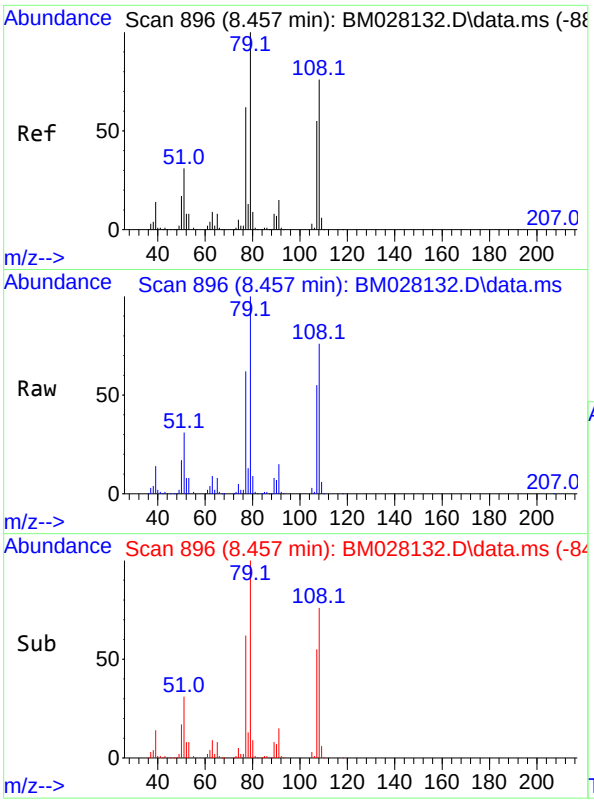
#14
1,2-Dichlorobenzene
Concen: 38.77 ng
RT: 8.575 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:146 Resp: 586407

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.3	76.9
111	41.7	35.4	53.0



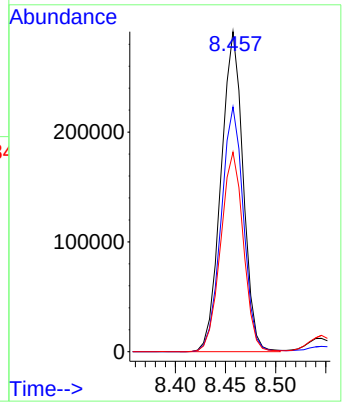
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

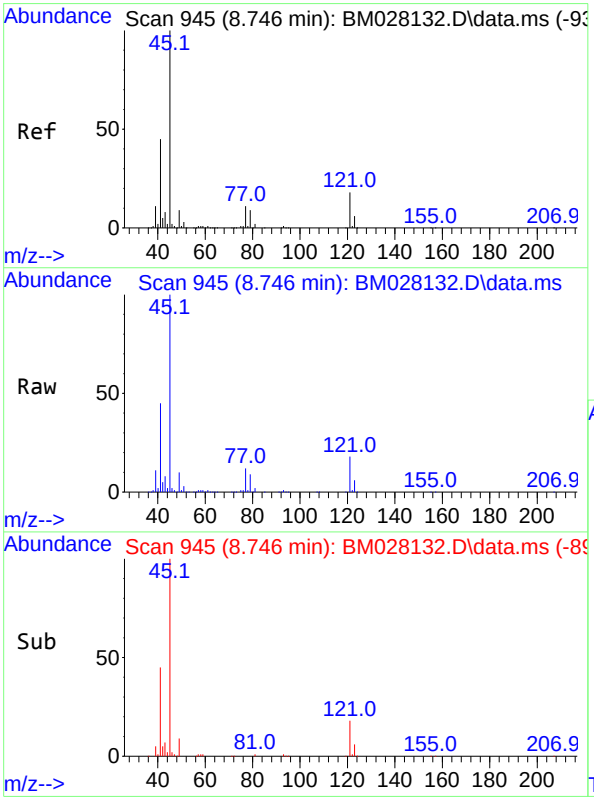


#15
Benzyl Alcohol
Concen: 30.70 ng
RT: 8.457 min Scan# 896
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 79 Resp: 445780

Ion	Ratio	Lower	Upper
79	100		
108	76.5	49.0	73.4#
77	62.3	55.2	82.8

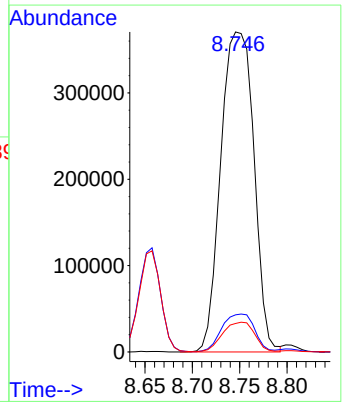




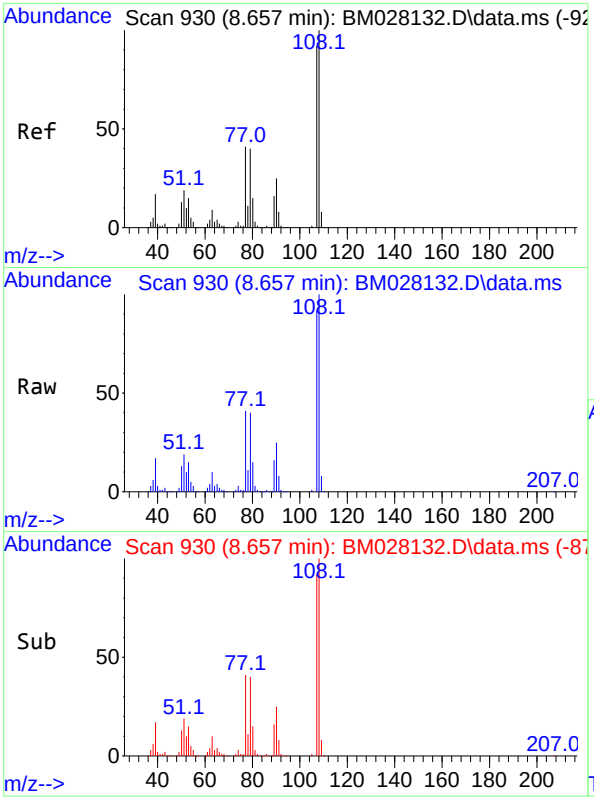
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.80 ng
RT: 8.746 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 45 Resp: 901342

Ion	Ratio	Lower	Upper
45	100		
77	11.6	9.5	49.5
79	8.9	1.8	41.8



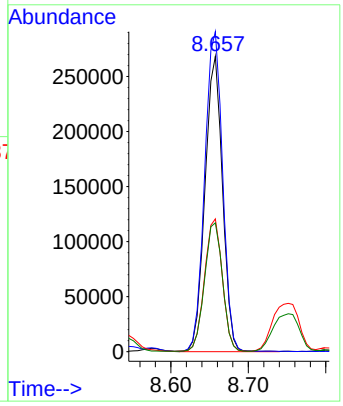
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

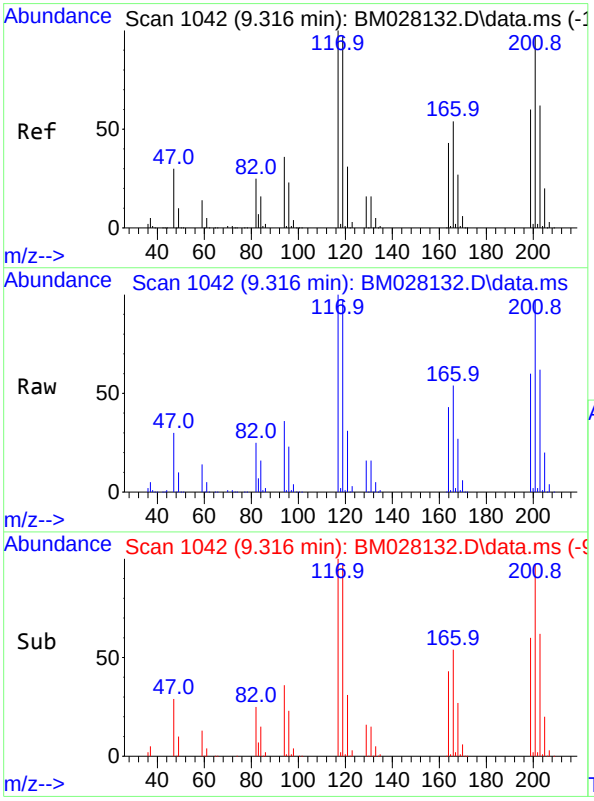


#17
2-Methylphenol
Concen: 36.58 ng
RT: 8.657 min Scan# 930
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:107 Resp: 421844

Ion	Ratio	Lower	Upper
107	100		
108	108.3	87.8	131.6
77	44.9	50.9	76.3#
79	43.6	46.6	69.8#

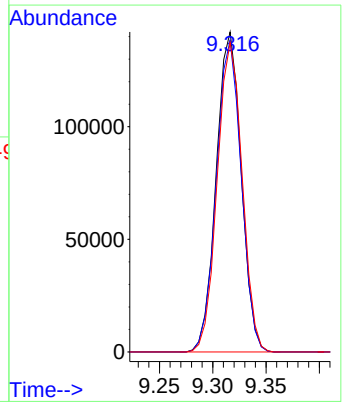




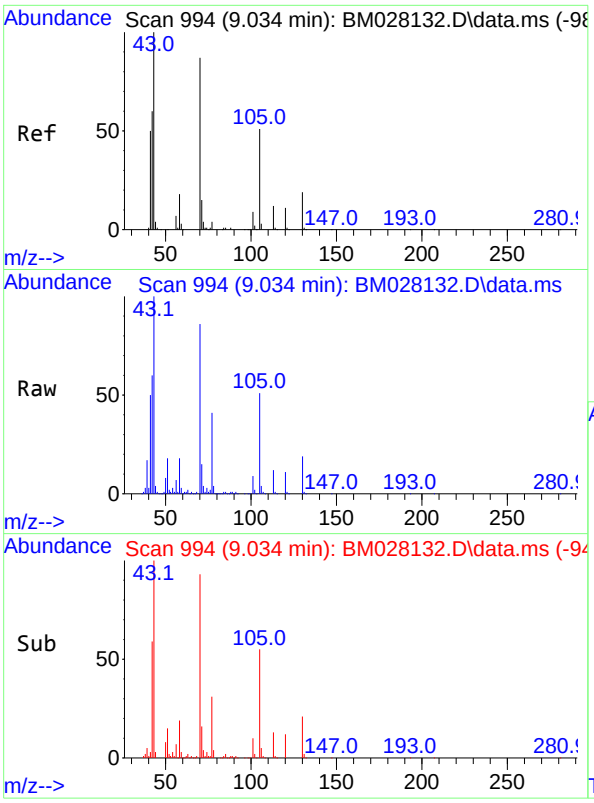
#18
Hexachloroethane
Concen: 36.74 ng
RT: 9.316 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:117 Resp: 231294

Ion	Ratio	Lower	Upper
117	100		
119	97.4	73.1	109.7
201	96.7	88.7	133.1



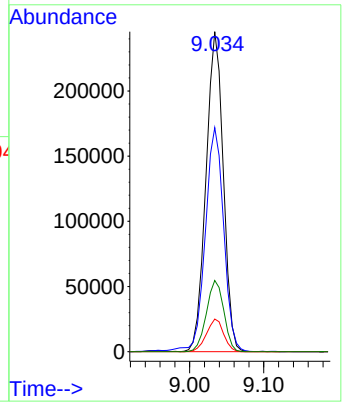
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

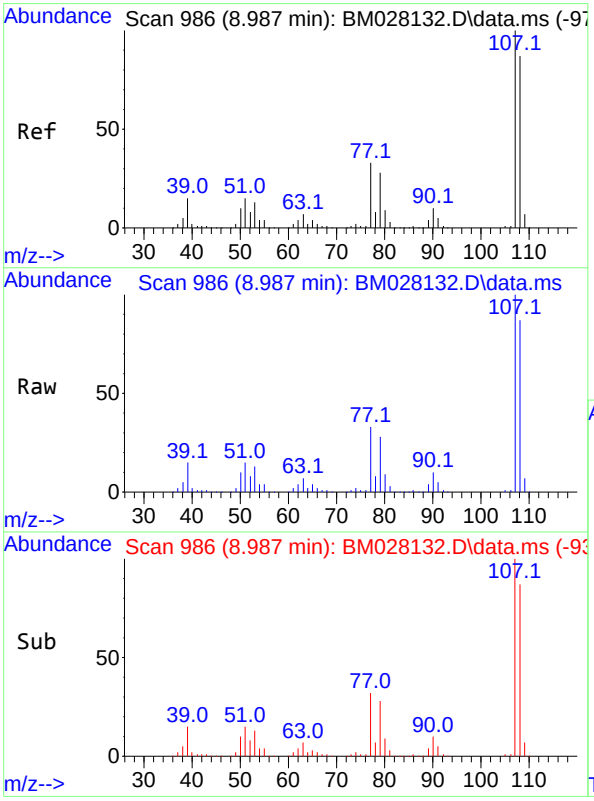


#19
n-Nitroso-di-n-propylamine
Concen: 33.53 ng
RT: 9.034 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 70 Resp: 397858

Ion	Ratio	Lower	Upper
70	100		
42	70.0	31.9	47.9#
101	10.2	7.0	10.4
130	22.2	13.4	20.0#

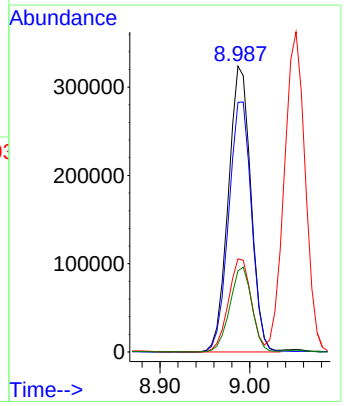




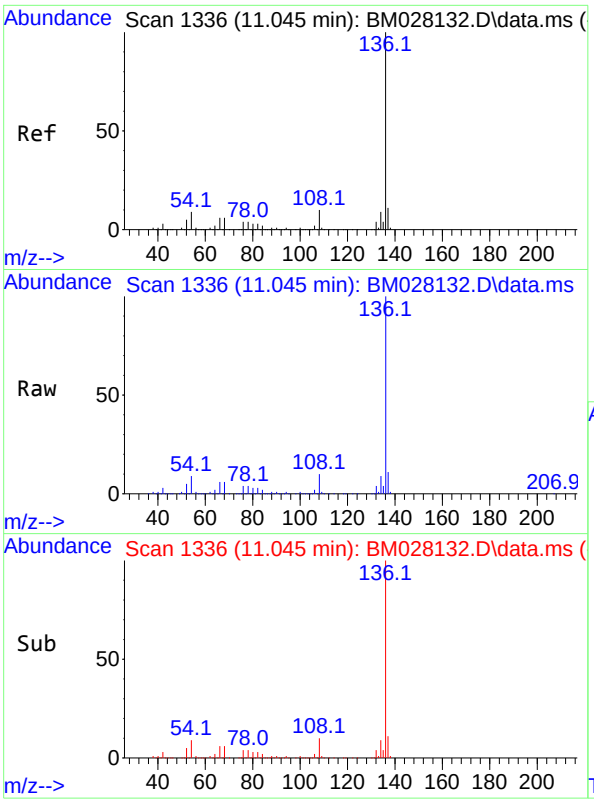
#20
3+4-Methylphenols
Concen: 36.85 ng
RT: 8.987 min Scan# 986
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:107 Resp: 564982

Ion	Ratio	Lower	Upper
107	100		
108	87.3	64.5	104.5
77	32.6	24.2	64.2
79	28.4	17.8	57.8



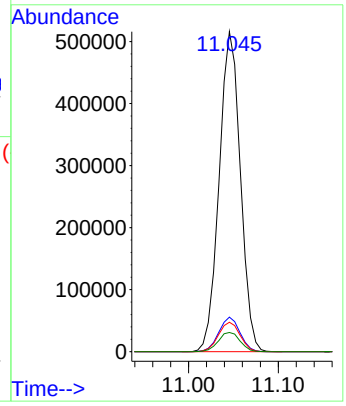
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

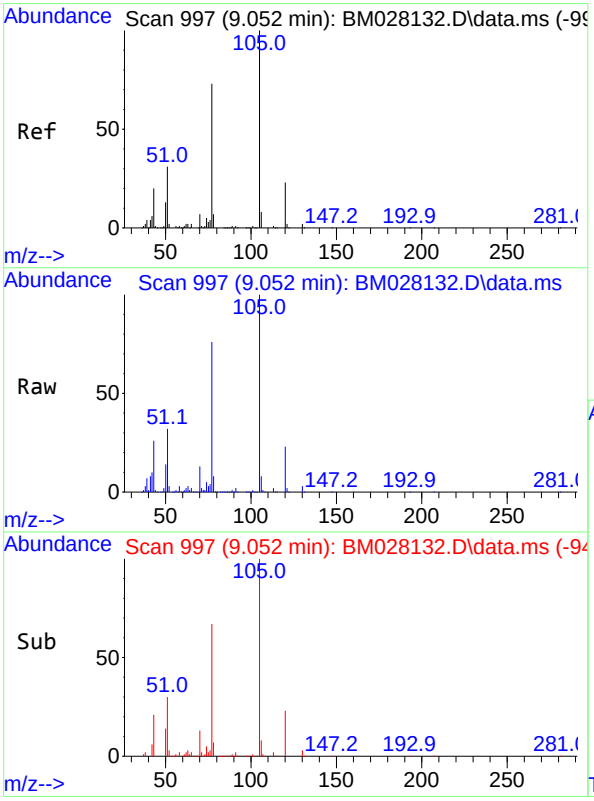


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.045 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:136 Resp: 847396

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.2	4.6	7.0#
68	6.0	4.1	6.1

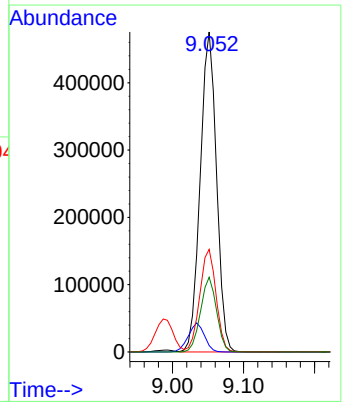




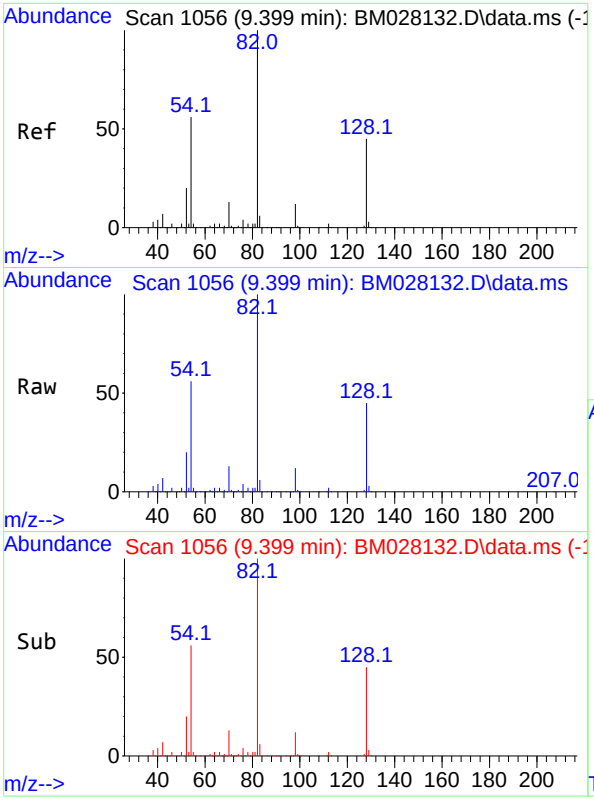
#22
Acetophenone
Concen: 31.56 ng
RT: 9.052 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:105 Resp: 759485

Ion	Ratio	Lower	Upper
105	100		
71	2.0	7.6	11.4#
51	32.1	18.6	28.0#
120	23.3	17.3	25.9



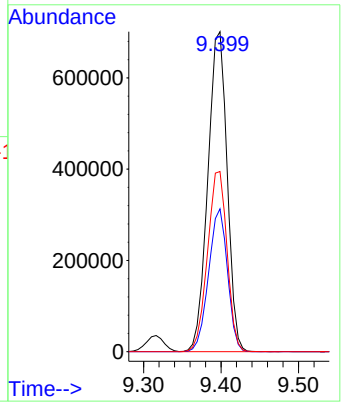
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

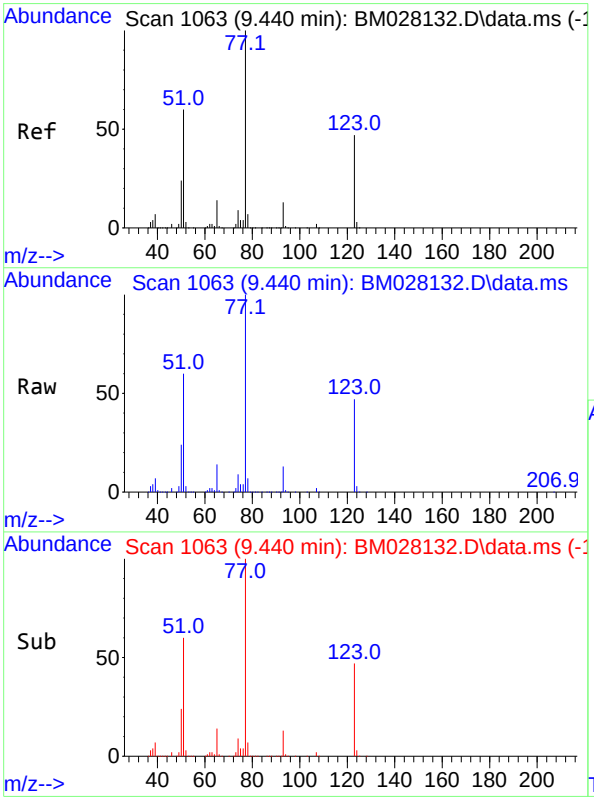


#23
Nitrobenzene-d5
Concen: 65.32 ng
RT: 9.399 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 82 Resp: 1213382

Ion	Ratio	Lower	Upper
82	100		
128	44.7	27.4	41.0#
54	56.3	31.4	47.0#

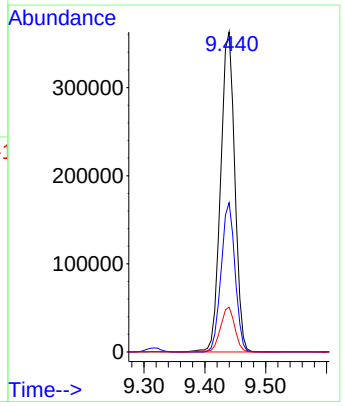


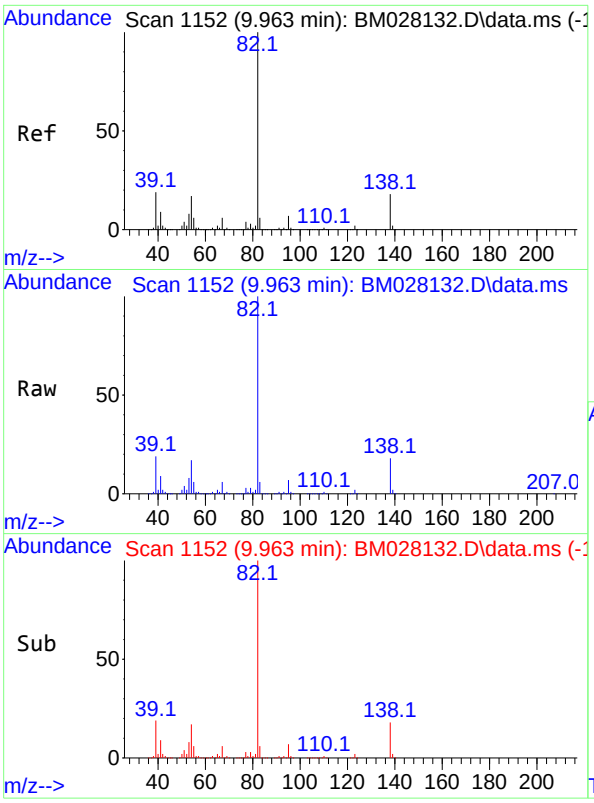


#24
Nitrobenzene
Concen: 30.68 ng
RT: 9.440 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 77 Resp: 586089

Ion	Ratio	Lower	Upper
77	100		
123	46.7	29.1	43.7#
65	14.0	11.3	16.9

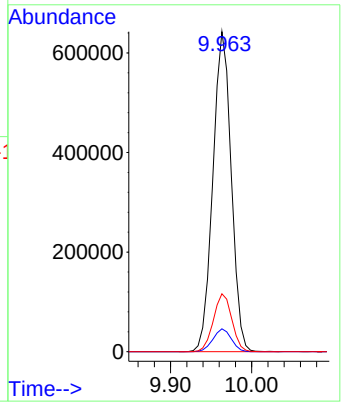




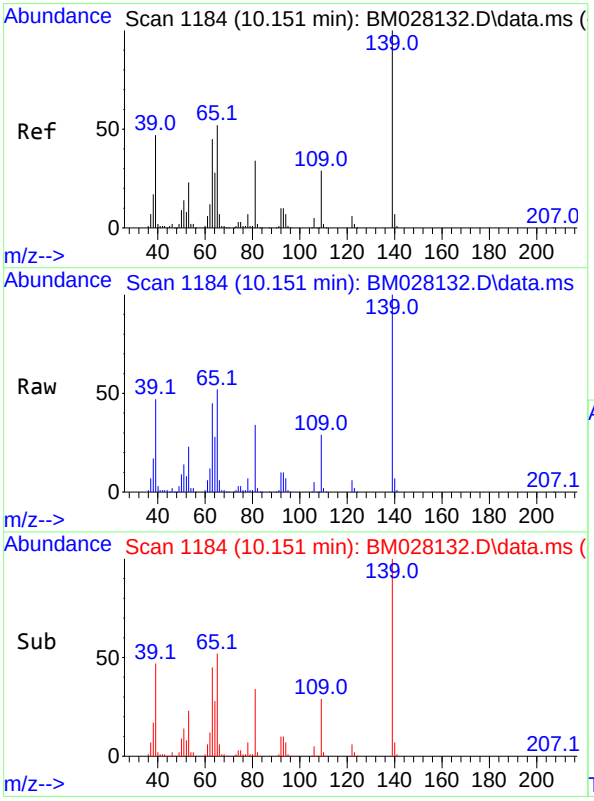
#25
Isophorone
Concen: 31.31 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 82 Resp: 1009175

Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.8	10.2
138	18.1	13.1	19.7



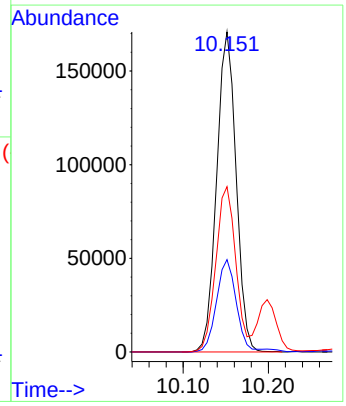
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



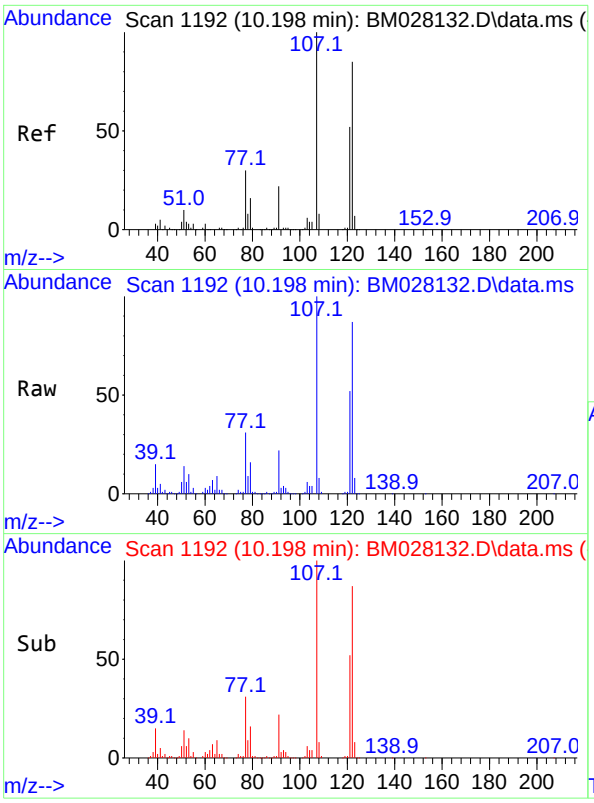
#26
2-Nitrophenol
Concen: 43.17 ng
RT: 10.151 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:139 Resp: 271391

Ion	Ratio	Lower	Upper
139	100		
109	28.9	33.8	50.8#
65	51.6	51.0	76.6



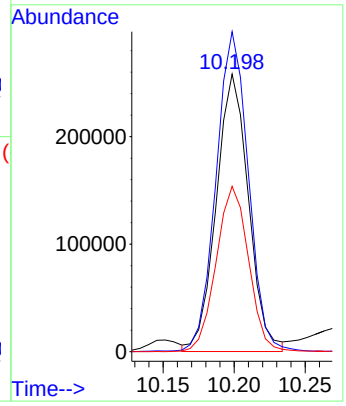
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

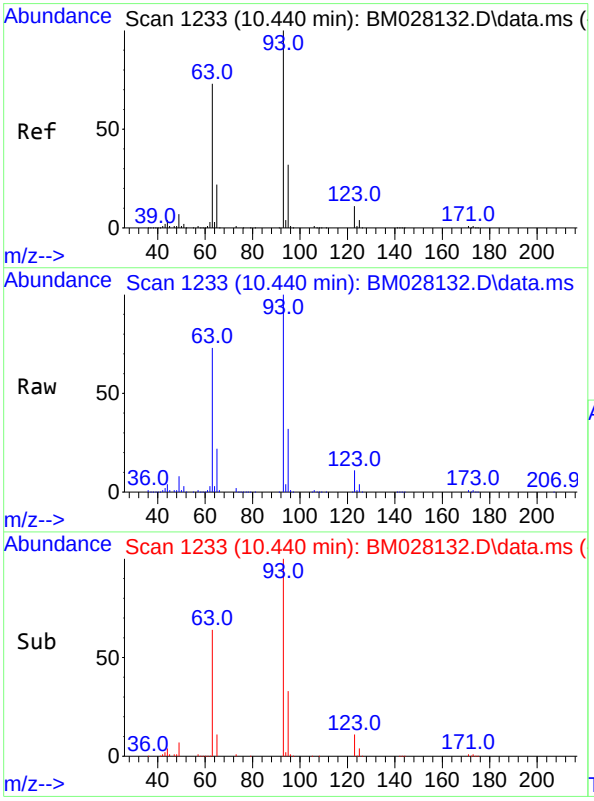


#27
2,4-Dimethylphenol
Concen: 33.01 ng
RT: 10.198 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:122 Resp: 407261

Ion	Ratio	Lower	Upper
122	100		
107	115.3	106.6	159.8
121	59.6	48.8	73.2

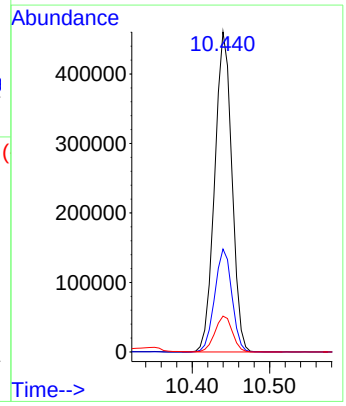




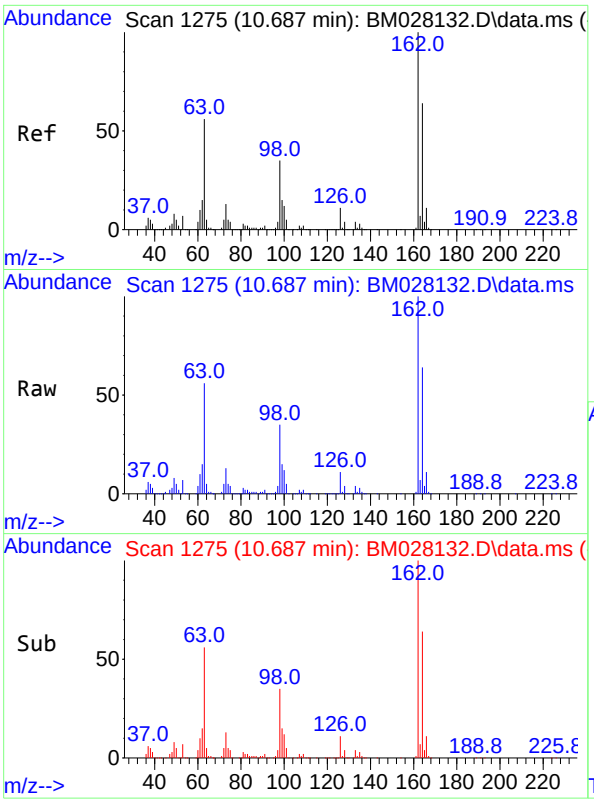
#28
bis(2-Chloroethoxy)methane
Concen: 36.57 ng
RT: 10.440 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 93 Resp: 709193

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	11.2	8.6	12.8



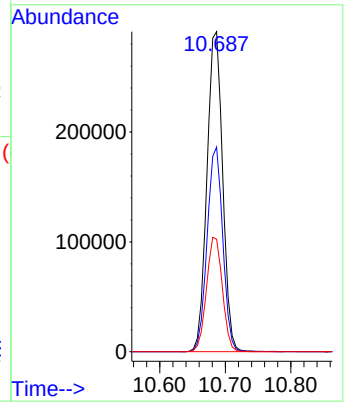
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

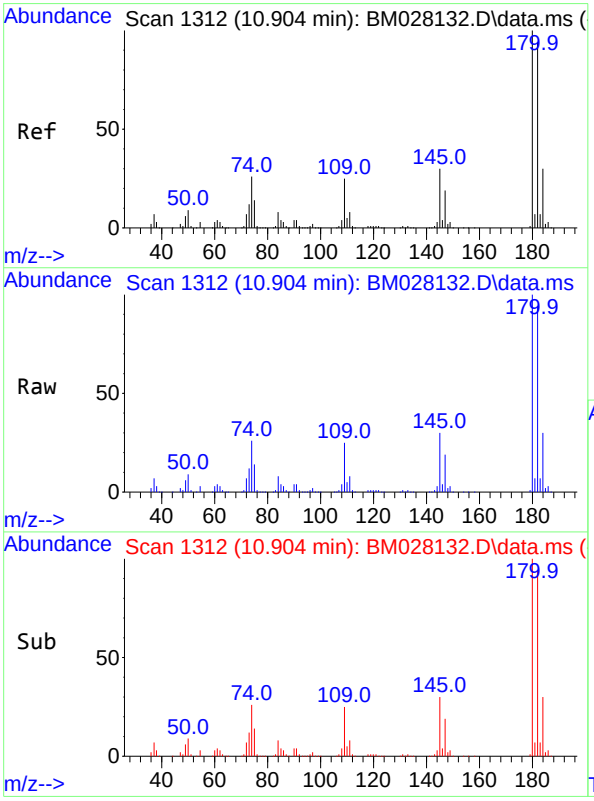


#29
2,4-Dichlorophenol
Concen: 36.46 ng
RT: 10.687 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:162 Resp: 486772

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.2	83.2
98	35.1	15.7	55.7

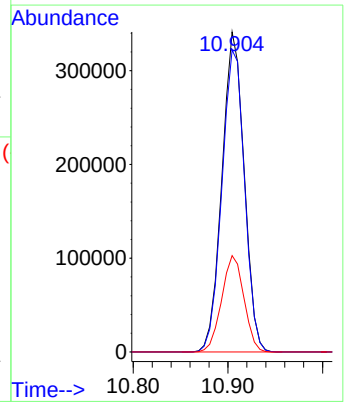




#30
1,2,4-Trichlorobenzene
Concen: 34.12 ng
RT: 10.904 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:180 Resp: 554881

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.7	116.5
145	30.1	23.4	35.0



Instrument :
BNA_M
ClientSampleId :
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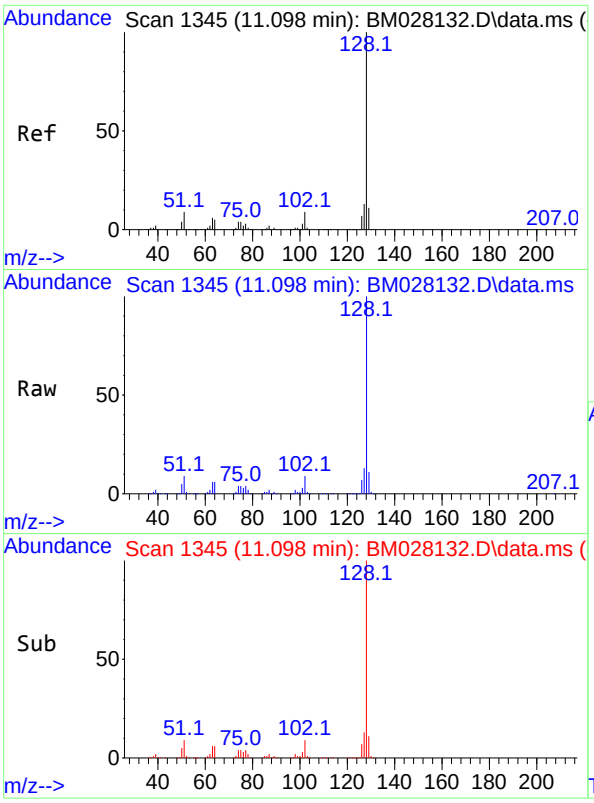
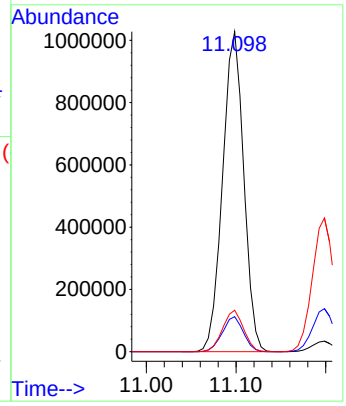
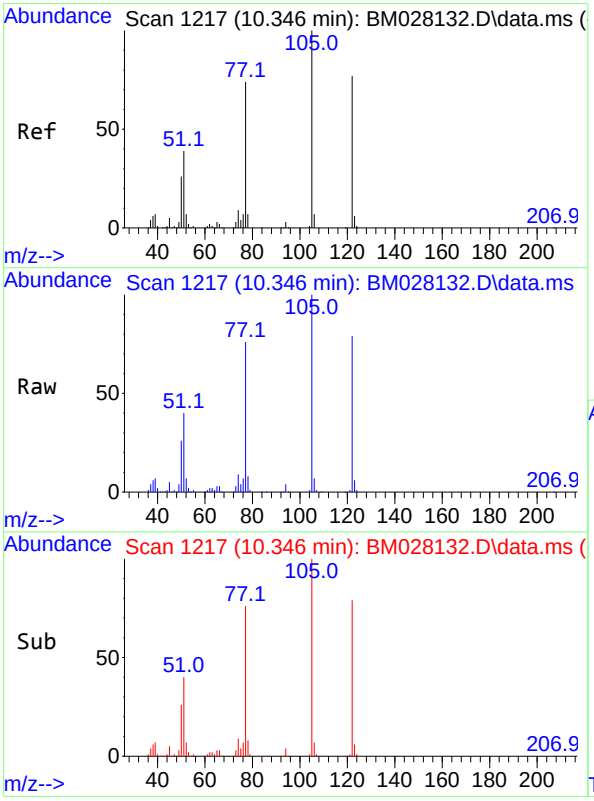


#31
Naphthalene
Concen: 37.51 ng
RT: 11.098 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:128 Resp: 1680043

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.6	15.8

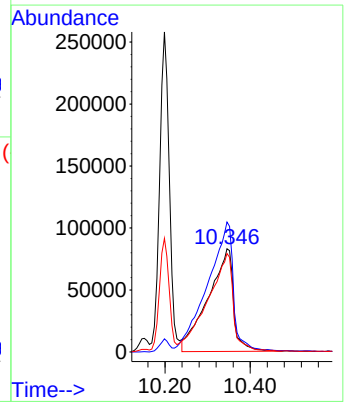




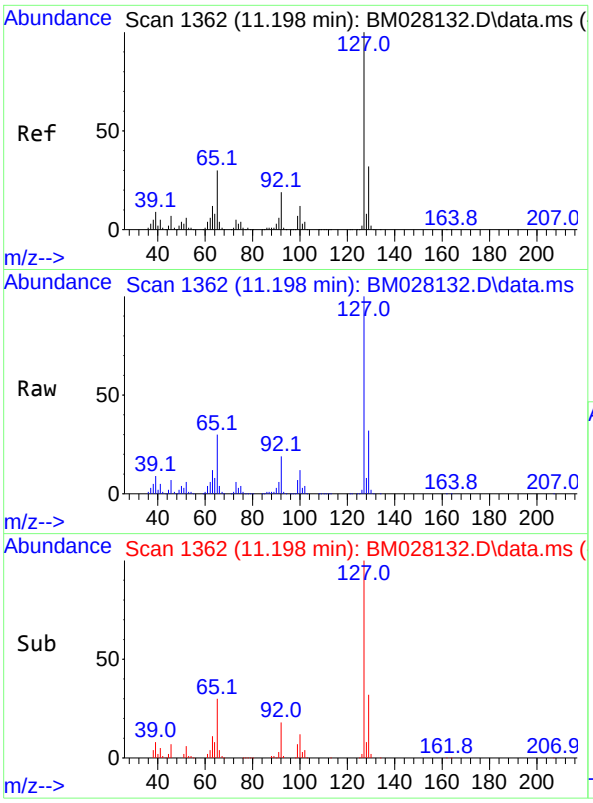
#32
Benzoic acid
Concen: 47.20 ng
RT: 10.346 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:122 Resp: 342773

Ion	Ratio	Lower	Upper
122	100		
105	125.9	114.0	154.0
77	95.3	101.8	141.8#



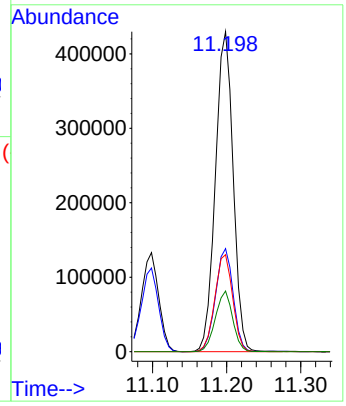
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

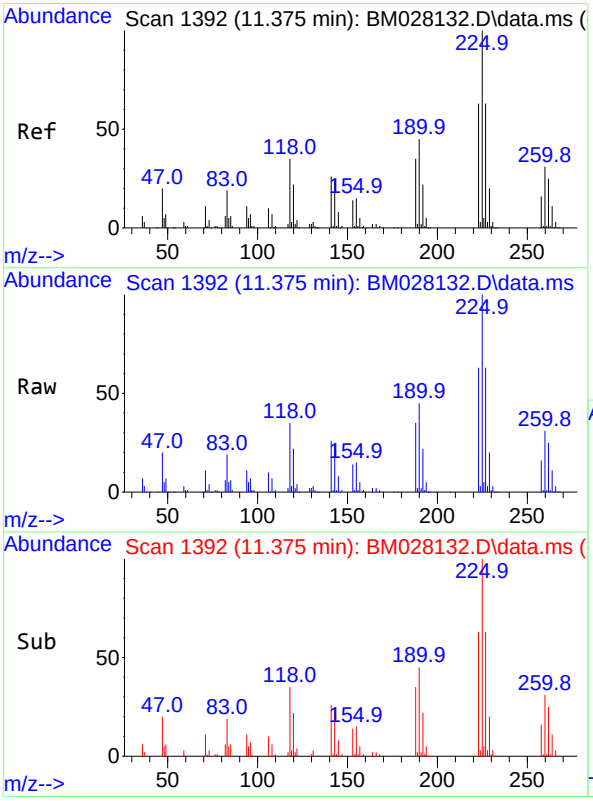


#33
4-Chloroaniline
Concen: 36.29 ng
RT: 11.198 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:127 Resp: 715070

Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.7	37.1
65	30.3	30.2	45.4
92	19.0	17.8	26.8

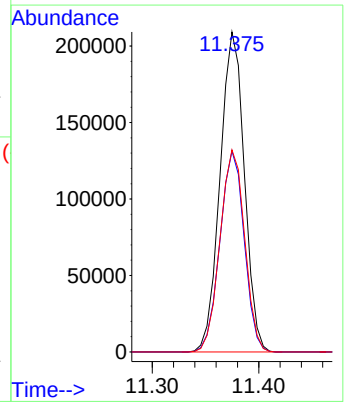




#34
Hexachlorobutadiene
Concen: 31.37 ng
RT: 11.375 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:225 Resp: 330864

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	63.2	50.6	75.8



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ClientSampleId :
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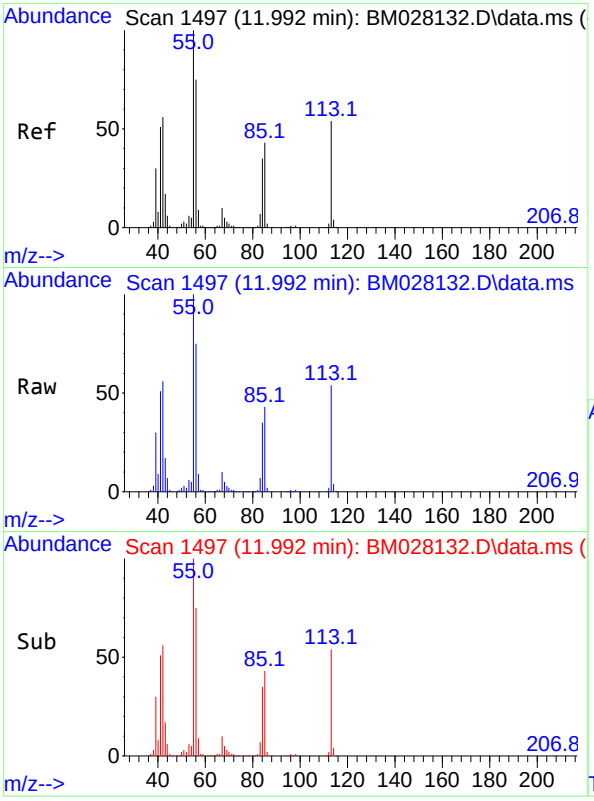
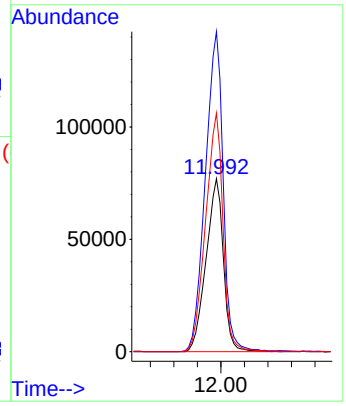
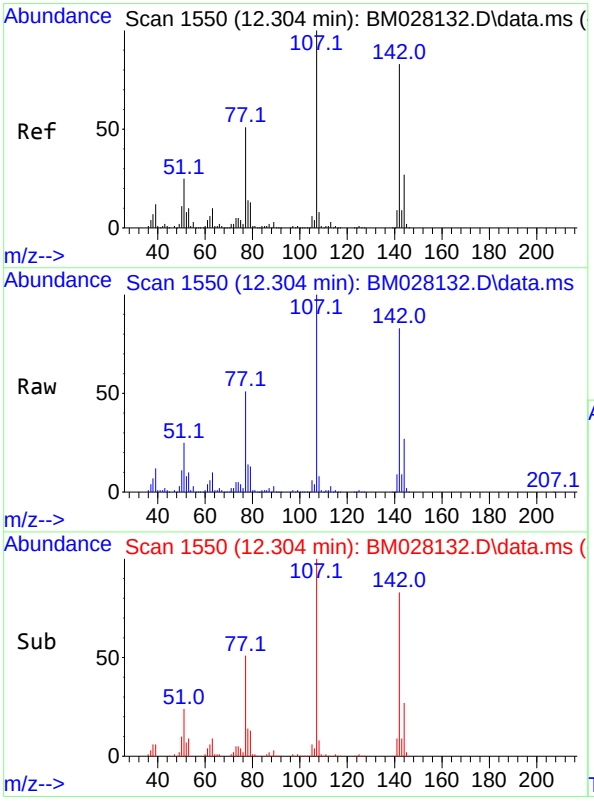


#35
Caprolactam
Concen: 35.28 ng
RT: 11.992 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:113 Resp: 157055

Ion	Ratio	Lower	Upper
113	100		
55	185.0	103.2	143.2#
56	138.0	84.2	124.2#

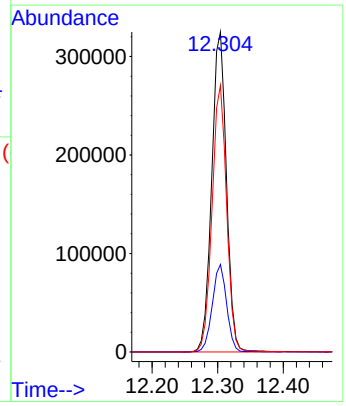




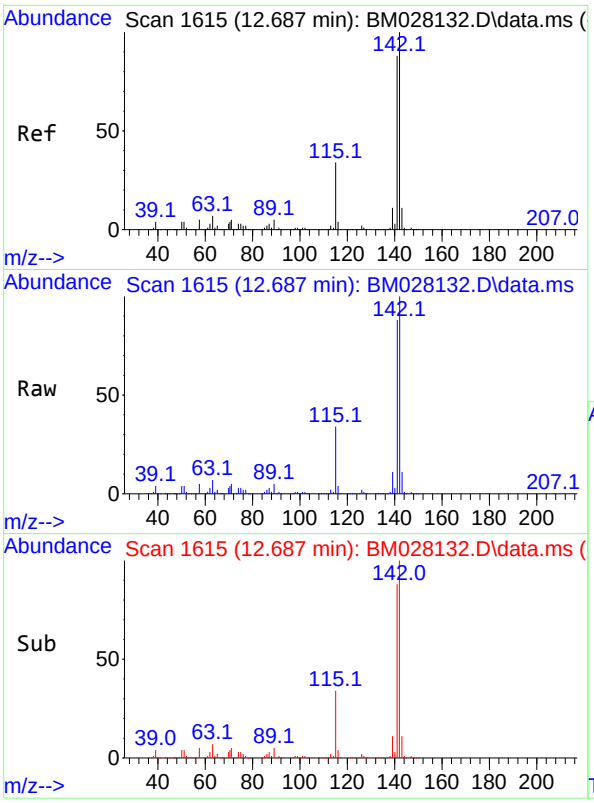
#36
4-Chloro-3-methylphenol
Concen: 32.67 ng
RT: 12.304 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:107 Resp: 507289

Ion	Ratio	Lower	Upper
107	100		
144	27.4	20.1	30.1
142	83.3	60.3	90.5



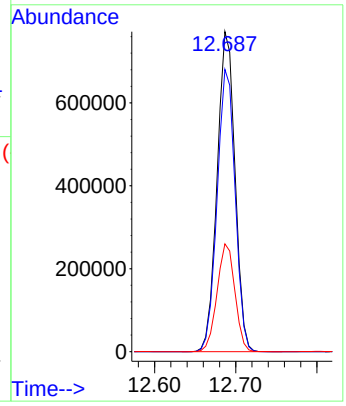
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

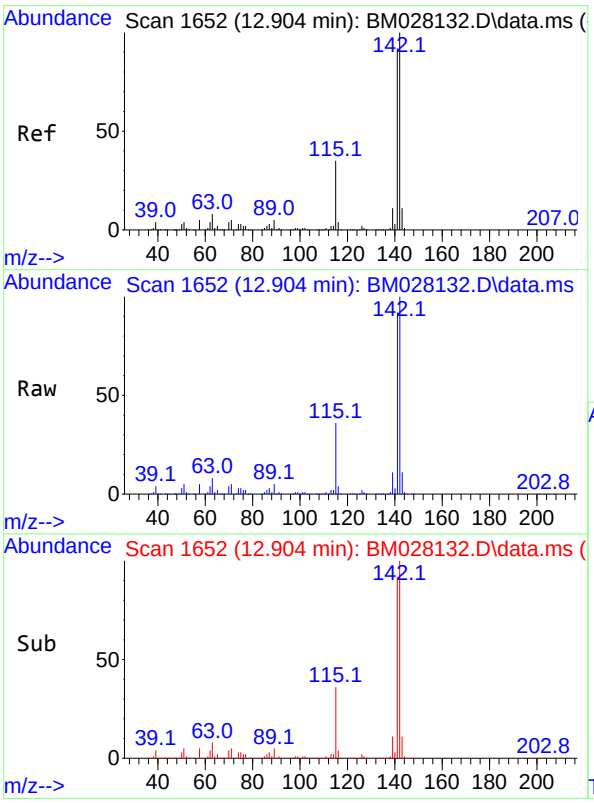


#37
2-Methylnaphthalene
Concen: 37.14 ng
RT: 12.687 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:142 Resp: 1180093

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	33.7	32.2	48.4

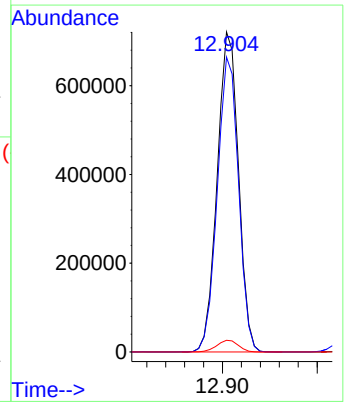




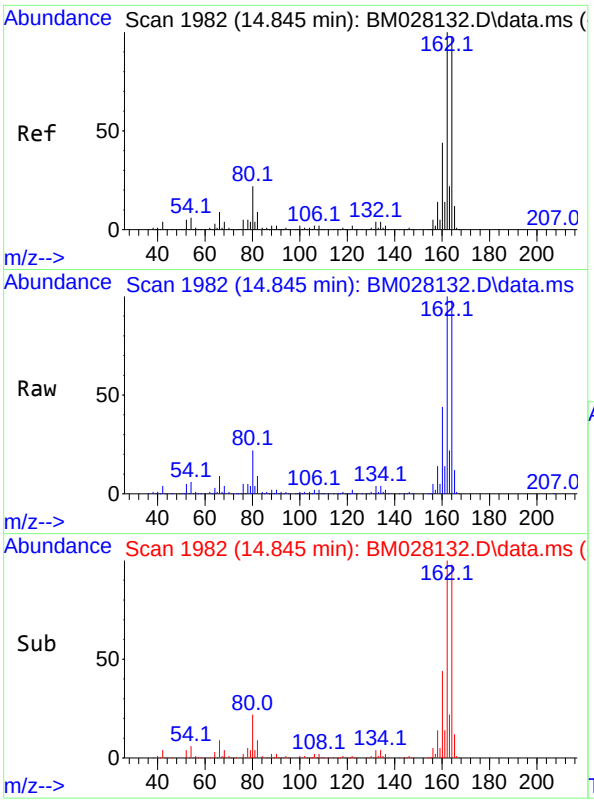
#38
1-Methylnaphthalene
Concen: 37.27 ng
RT: 12.904 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:142 Resp: 1122730

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.6
116	3.6	3.5	5.3



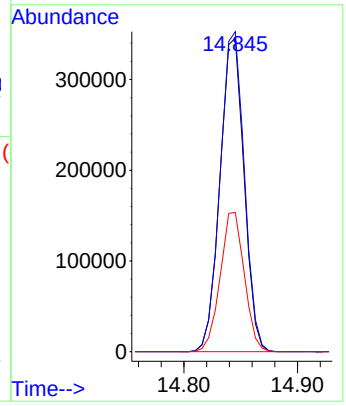
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

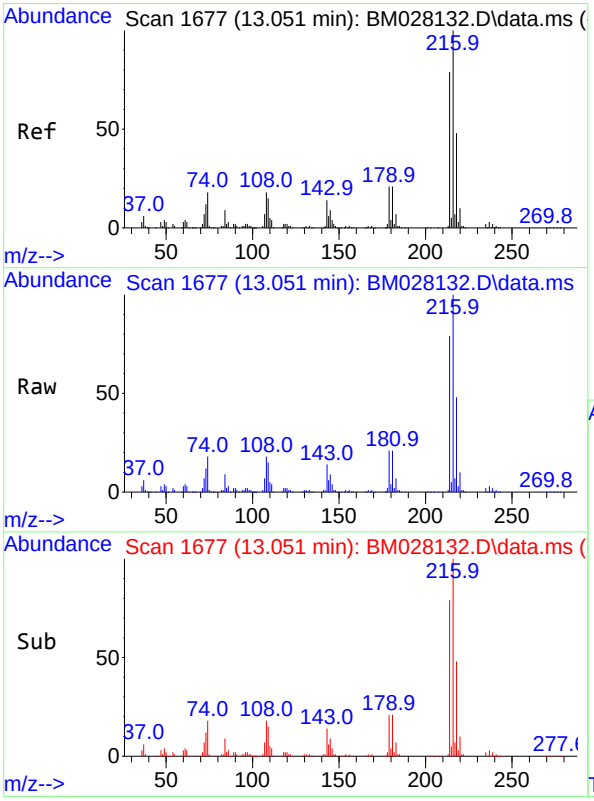


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:164 Resp: 508723

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.4	120.6
160	44.4	35.9	53.9

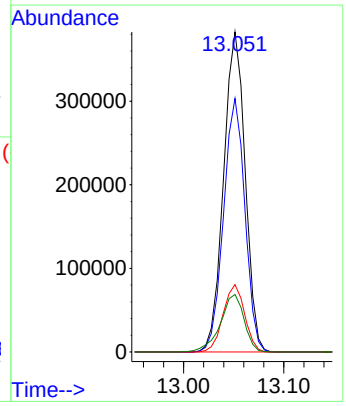




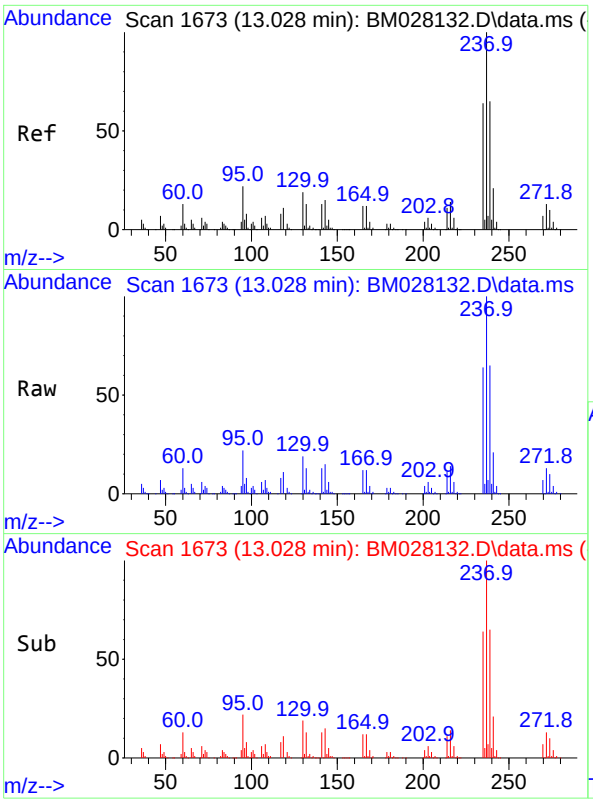
#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.46 ng
RT: 13.051 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:216 Resp: 570097

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.1	93.1
179	21.0	17.2	25.8
108	19.8	14.9	22.3



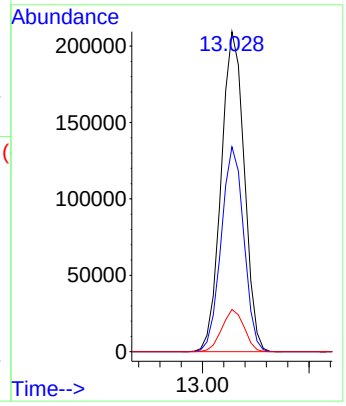
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

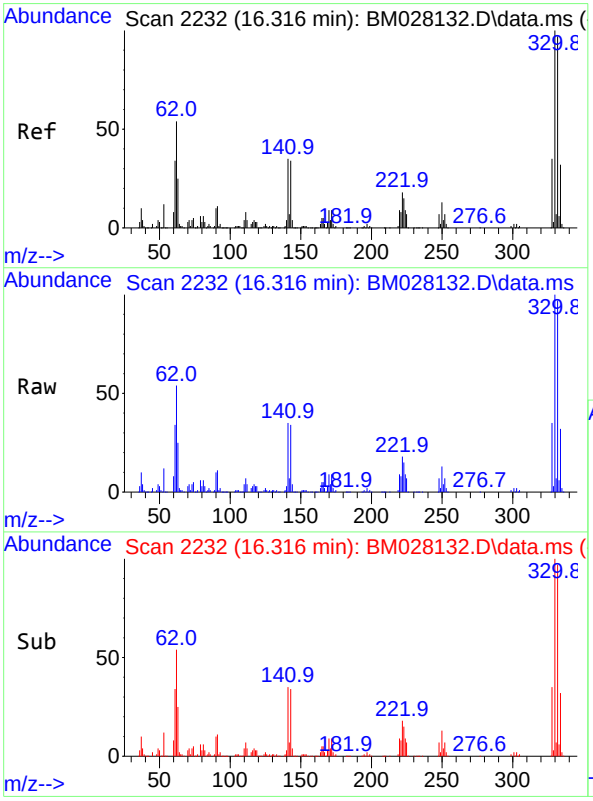


#41
Hexachlorocyclopentadiene
Concen: 35.94 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:237 Resp: 314311

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.1	83.1
272	13.2	0.0	33.0

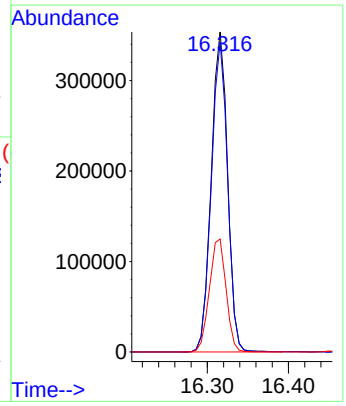




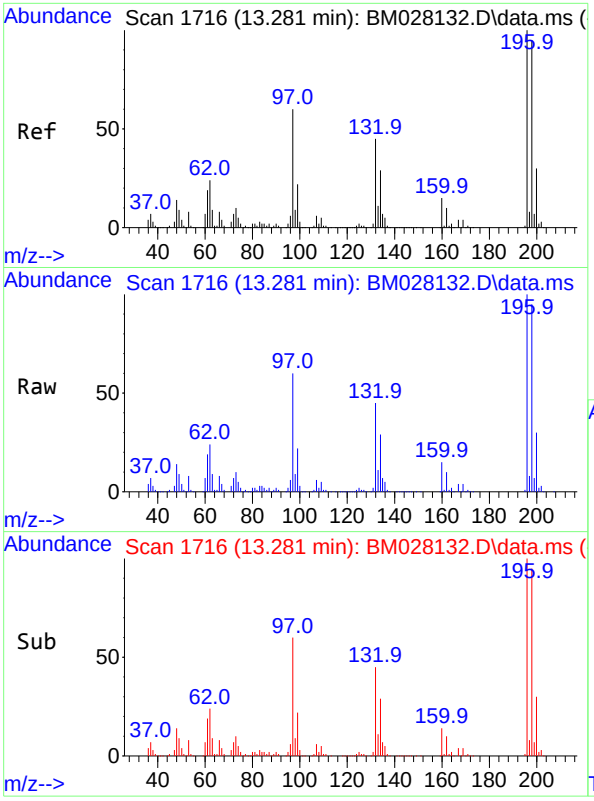
#42
2,4,6-Tribromophenol
Concen: 81.06 ng
RT: 16.316 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:330 Resp: 492425

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.8
141	36.2	28.4	42.6



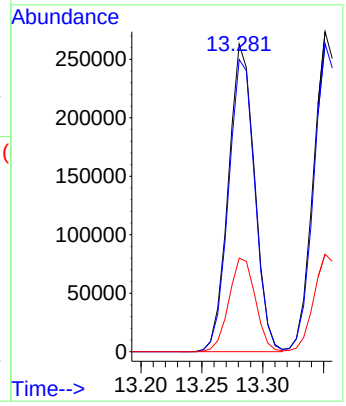
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

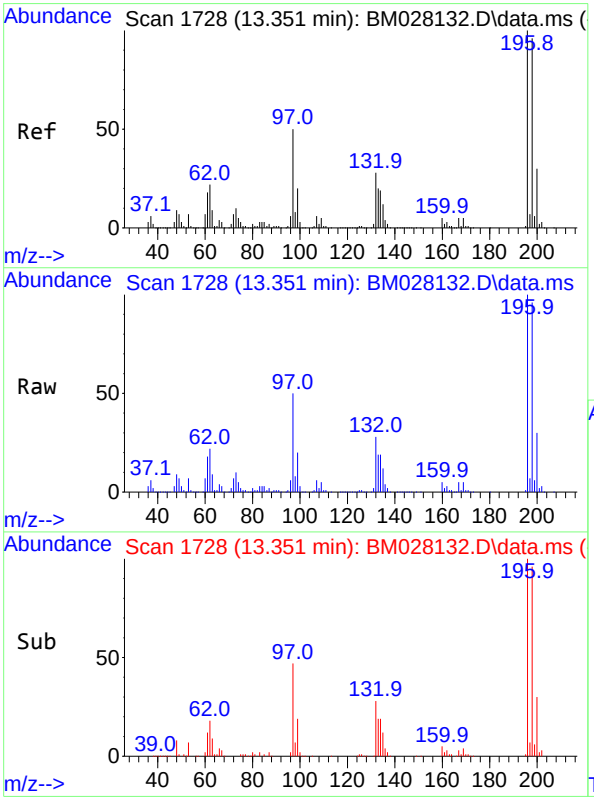


#43
2,4,6-Trichlorophenol
Concen: 37.69 ng
RT: 13.281 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:196 Resp: 393781

Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.9	112.3
200	30.4	23.7	35.5

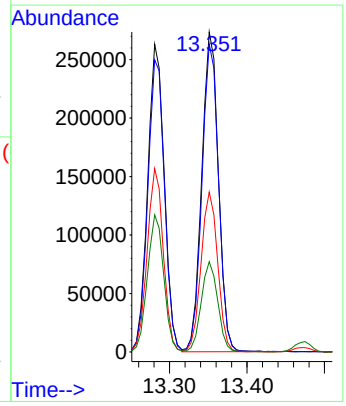




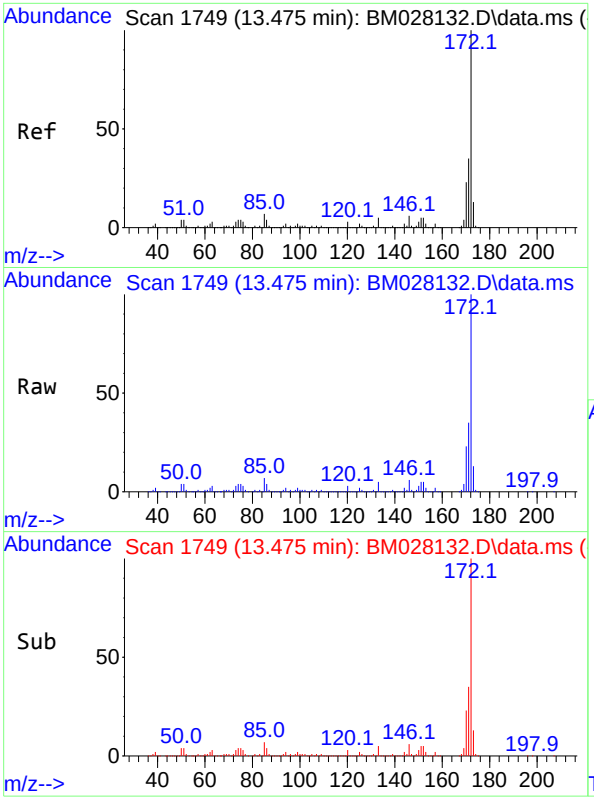
#44
2,4,5-Trichlorophenol
Concen: 36.50 ng
RT: 13.351 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:196 Resp: 408382

Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.0	118.6
97	50.0	40.5	60.7
132	28.2	19.3	28.9



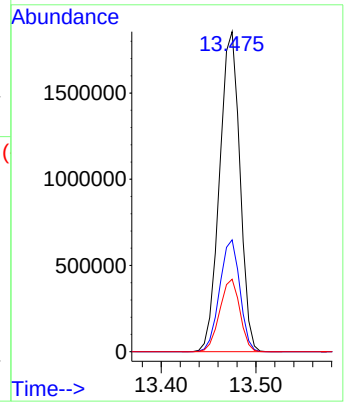
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

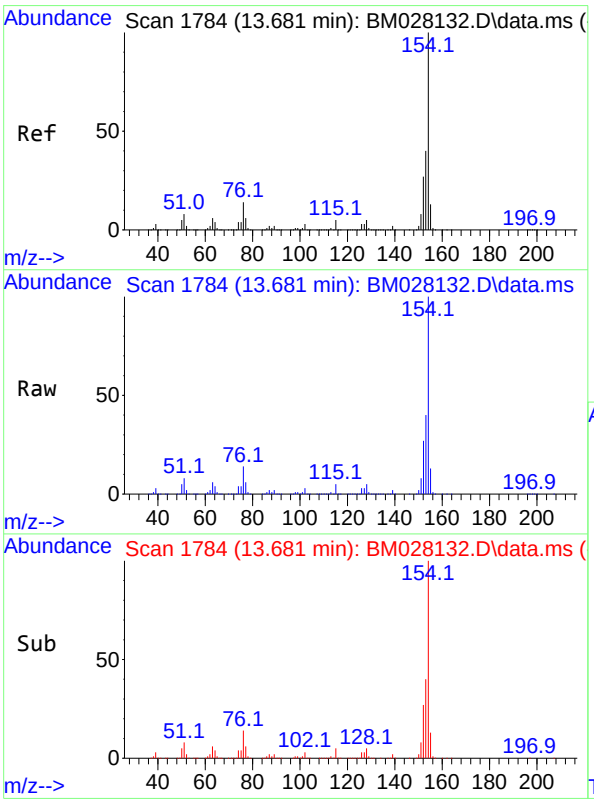


#45
2-Fluorobiphenyl
Concen: 77.61 ng
RT: 13.475 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:172 Resp: 2767006

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	22.7	18.6	27.8

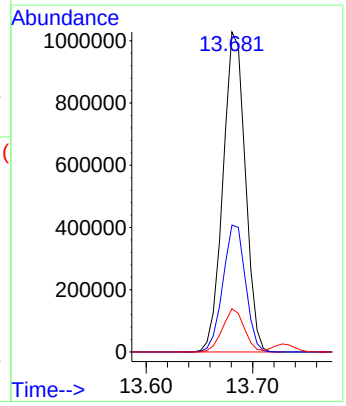




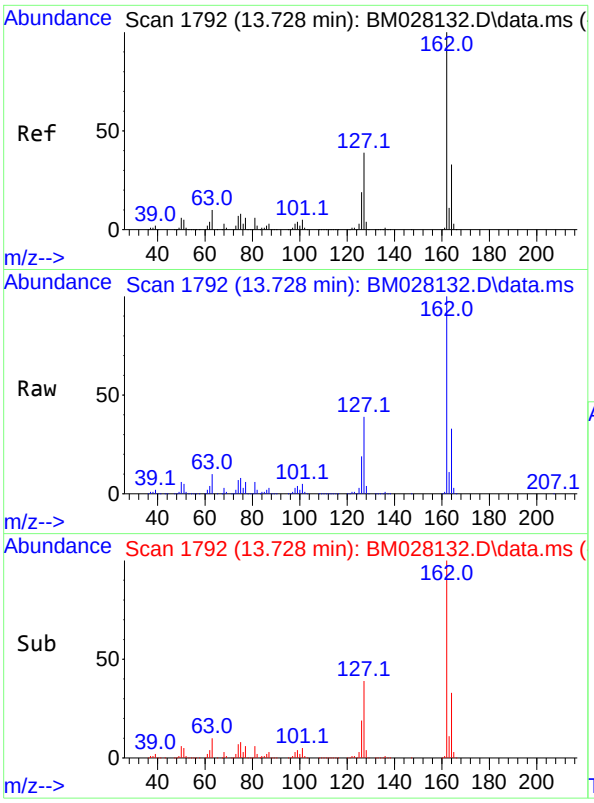
#46
1,1'-Biphenyl
Concen: 38.36 ng
RT: 13.681 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:154 Resp: 1490975

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	13.5	0.0	32.0



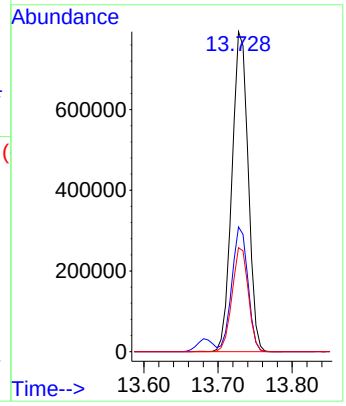
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

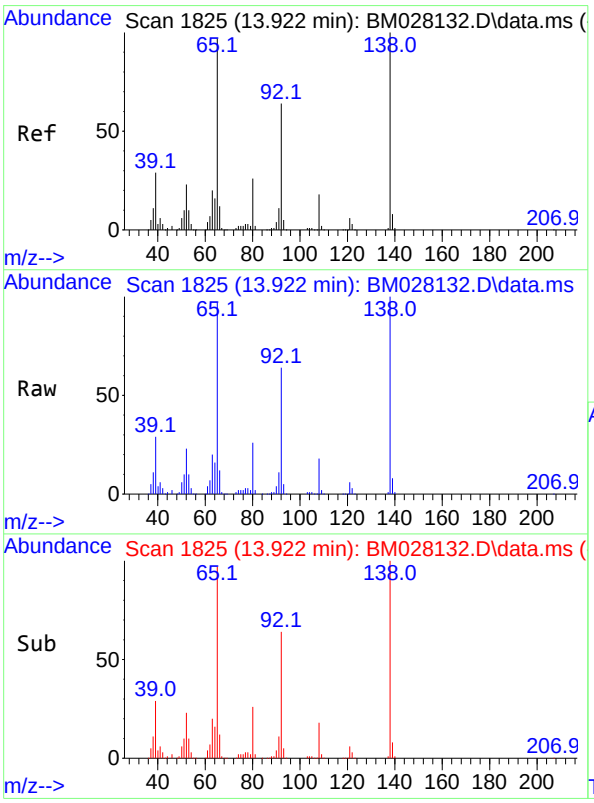


#47
2-Chloronaphthalene
Concen: 37.41 ng
RT: 13.728 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:162 Resp: 1204397

Ion	Ratio	Lower	Upper
162	100		
127	39.0	29.6	44.4
164	32.5	26.2	39.4

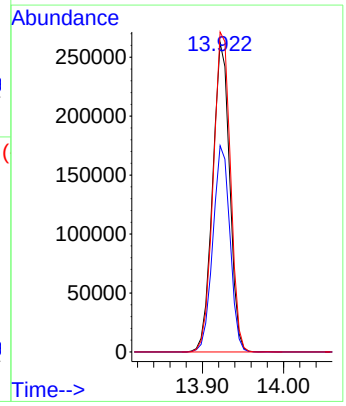




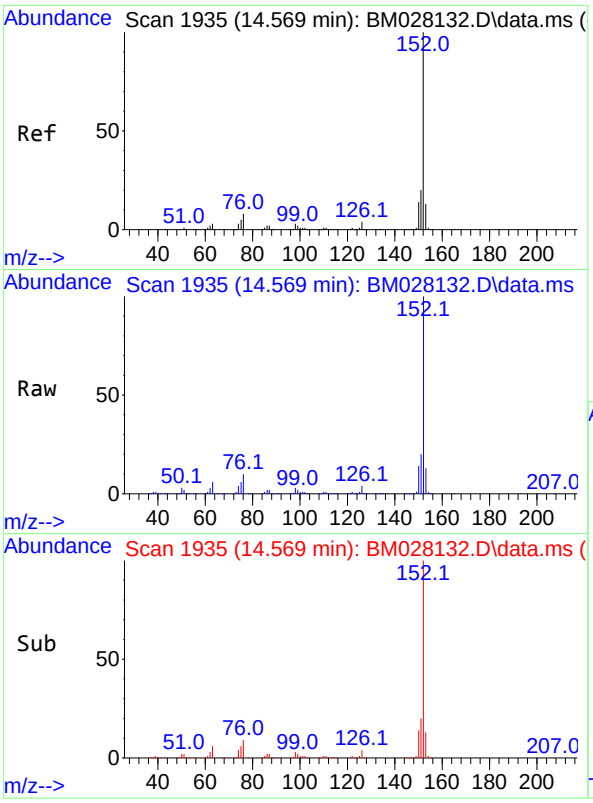
#48
2-Nitroaniline
Concen: 35.30 ng
RT: 13.922 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 65 Resp: 382441

Ion	Ratio	Lower	Upper
65	100		
92	66.7	51.5	77.3
138	103.4	72.7	109.1



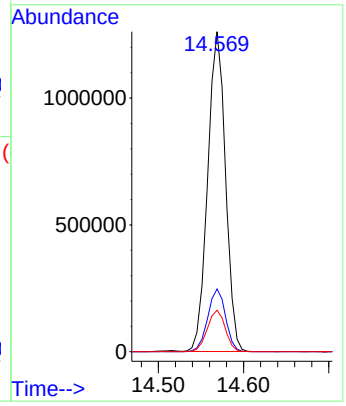
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

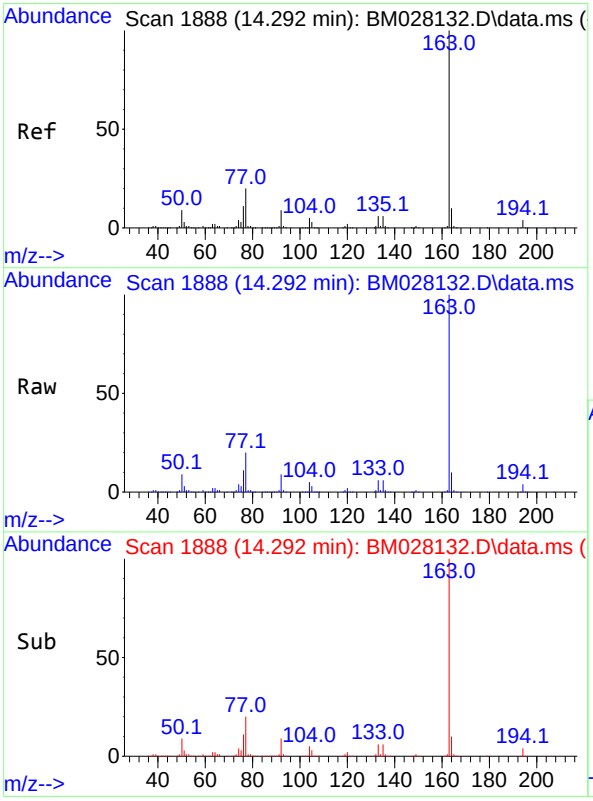


#49
Acenaphthylene
Concen: 37.64 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:152 Resp: 1830371

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

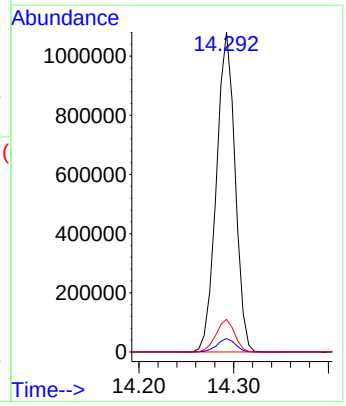




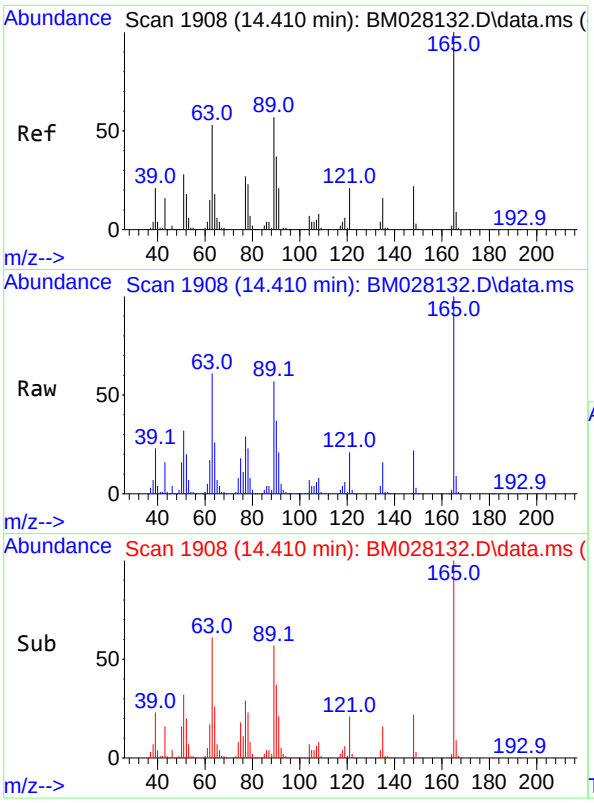
#50
Dimethylphthalate
Concen: 36.25 ng
RT: 14.292 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:163 Resp: 1477656

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.1	12.1



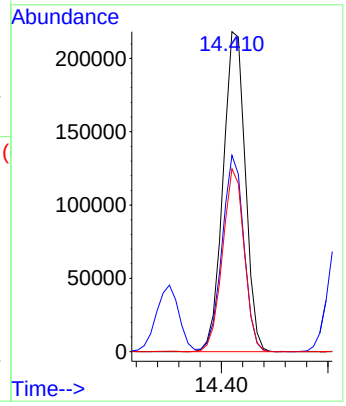
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

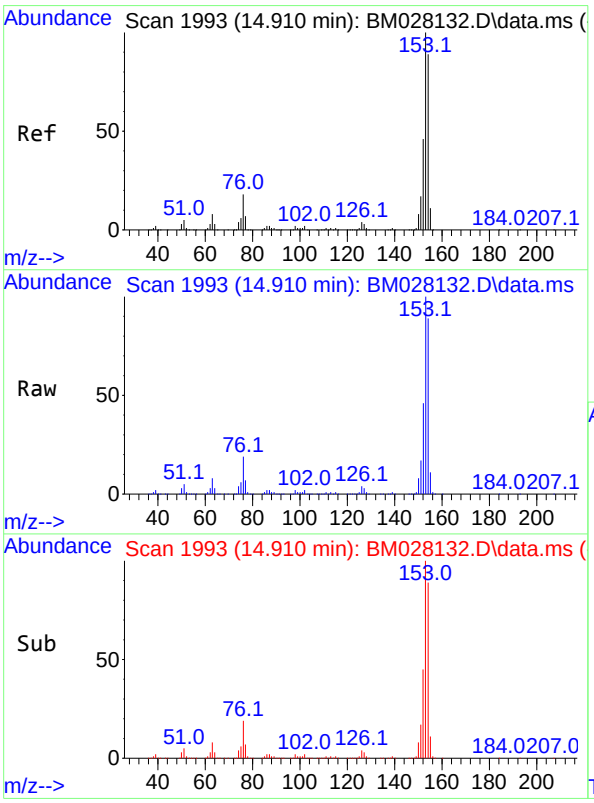


#51
2,6-Dinitrotoluene
Concen: 39.39 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:165 Resp: 315388

Ion	Ratio	Lower	Upper
165	100		
63	61.3	51.1	76.7
89	57.2	53.3	79.9

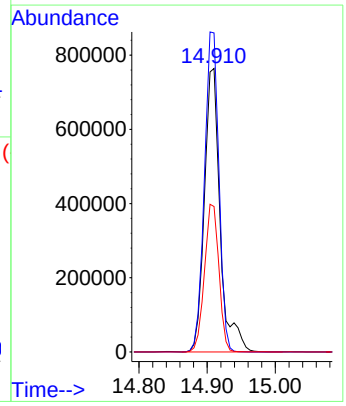




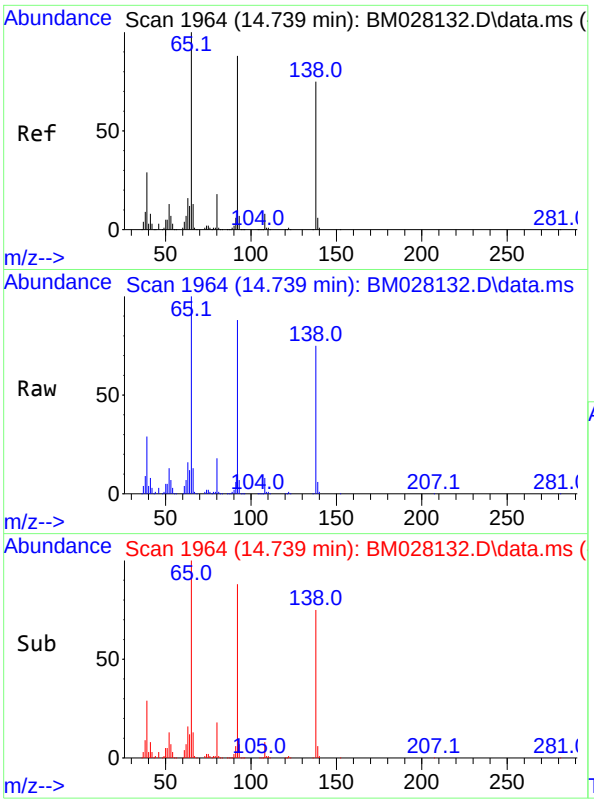
#52
Acenaphthene
Concen: 38.55 ng
RT: 14.910 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:154 Resp: 1228670

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.3	132.5
152	51.3	41.4	62.2



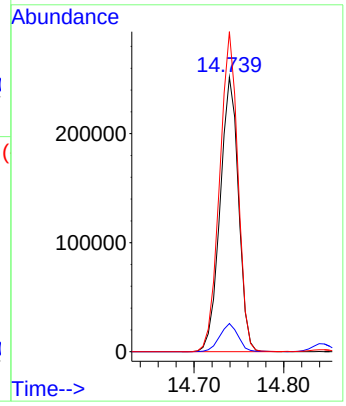
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

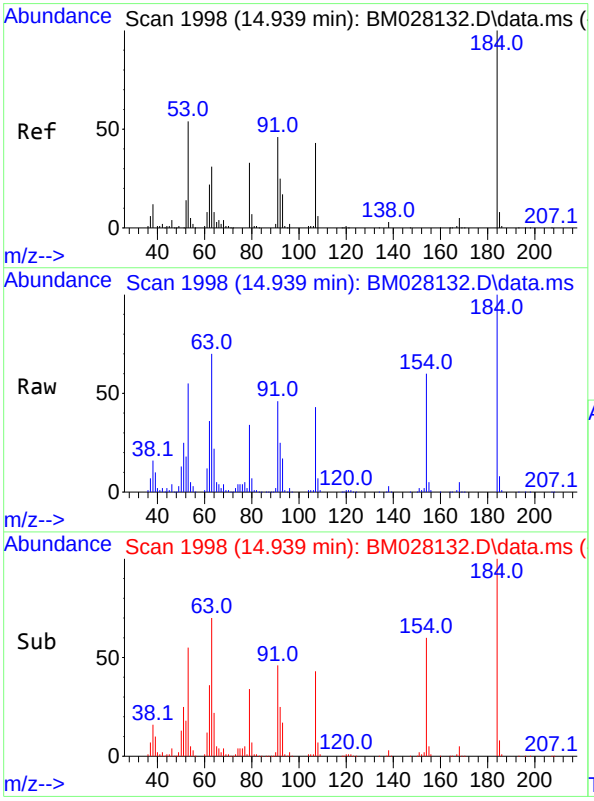


#53
3-Nitroaniline
Concen: 39.42 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:138 Resp: 357977

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	116.6	102.1	153.1

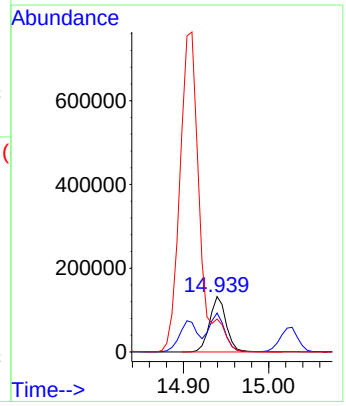




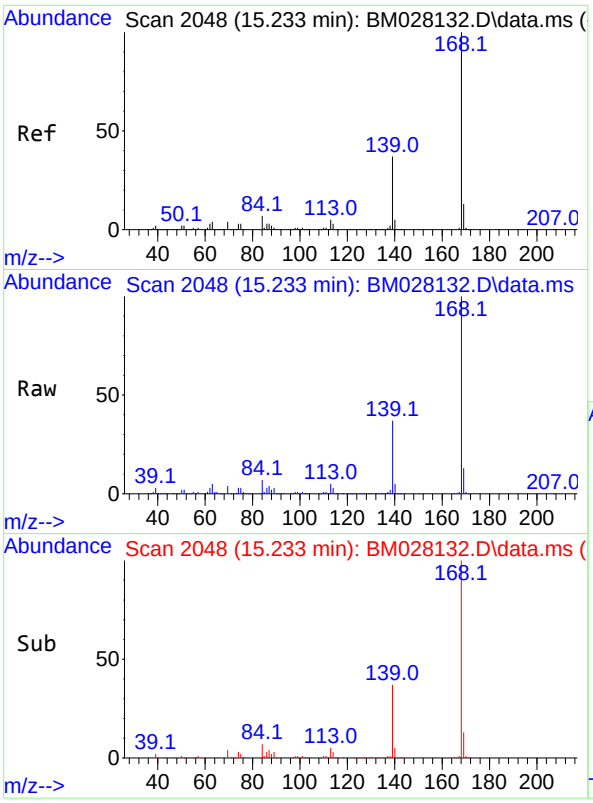
#54
2,4-Dinitrophenol
Concen: 52.70 ng
RT: 14.939 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:184 Resp: 178213

Ion	Ratio	Lower	Upper
184	100		
63	70.3	60.2	90.2
154	59.5	52.9	79.3



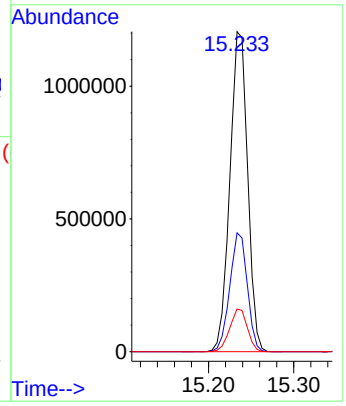
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

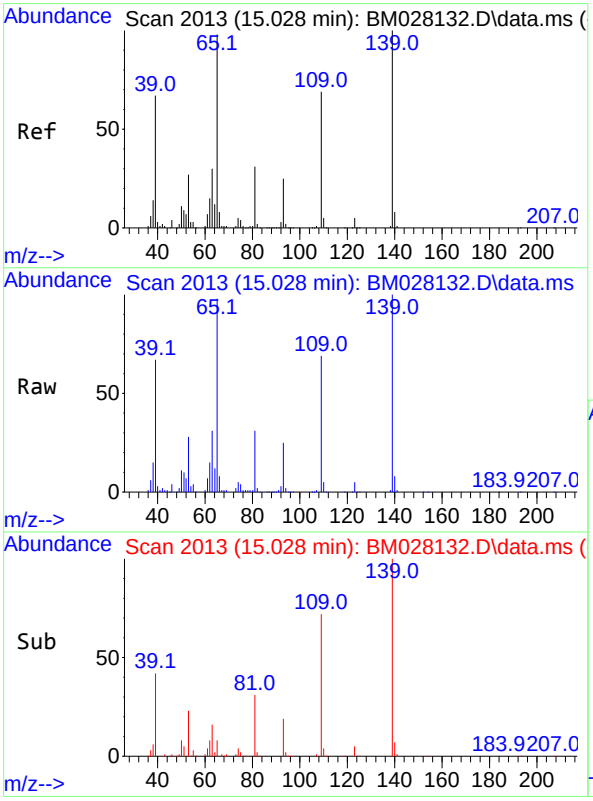


#55
Dibenzofuran
Concen: 36.70 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:168 Resp: 1741014

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.2	45.4
169	13.4	10.6	16.0

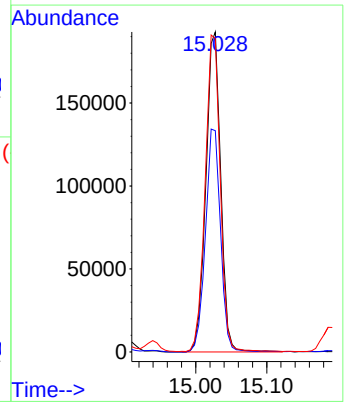




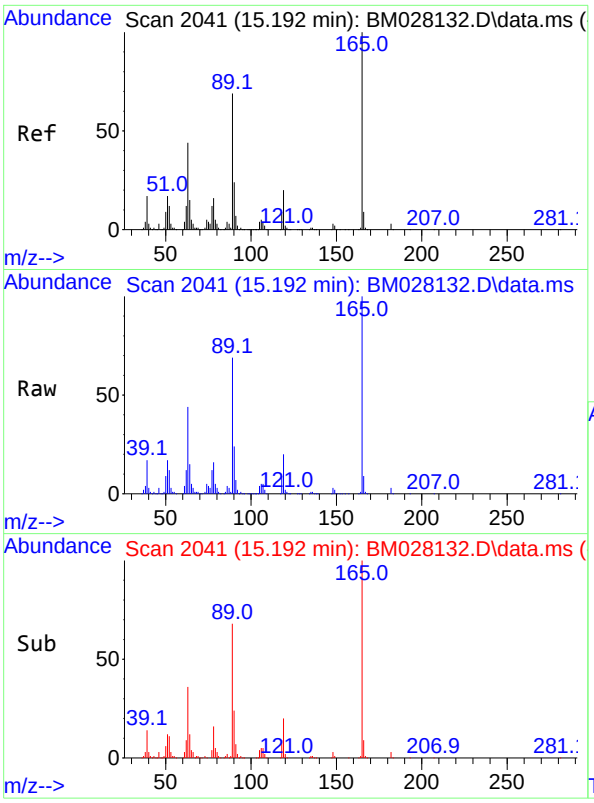
#56
4-Nitrophenol
Concen: 38.17 ng
RT: 15.028 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:139 Resp: 280999

Ion	Ratio	Lower	Upper
139	100		
109	69.2	77.0	117.0#
65	98.0	103.4	143.4#



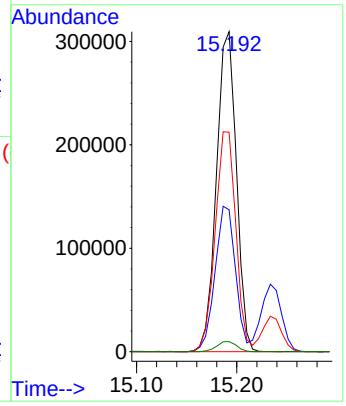
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

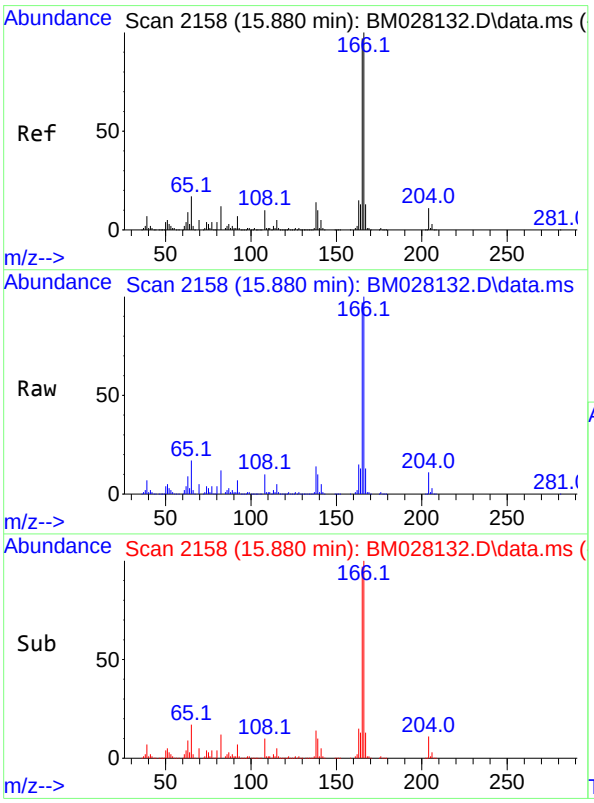


#57
2,4-Dinitrotoluene
Concen: 39.45 ng
RT: 15.192 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:165 Resp: 428074

Ion	Ratio	Lower	Upper
165	100		
63	44.4	38.8	58.2
89	68.6	62.6	94.0
182	3.2	2.3	3.5

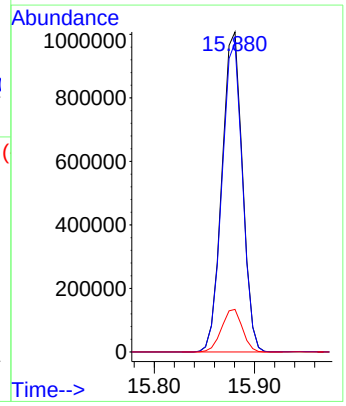




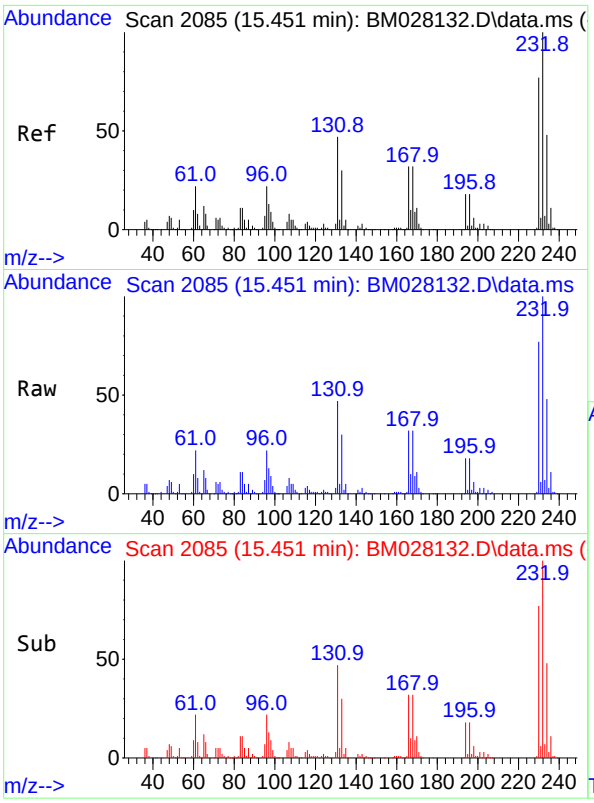
#58
Fluorene
Concen: 36.74 ng
RT: 15.880 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:166 Resp: 1428201

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.2	114.2
167	13.3	10.7	16.1



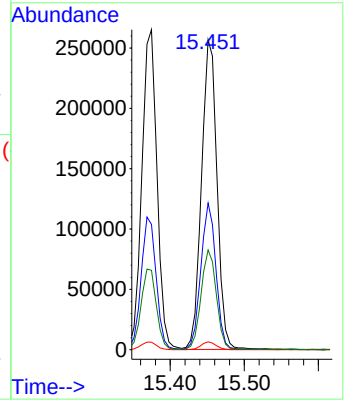
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

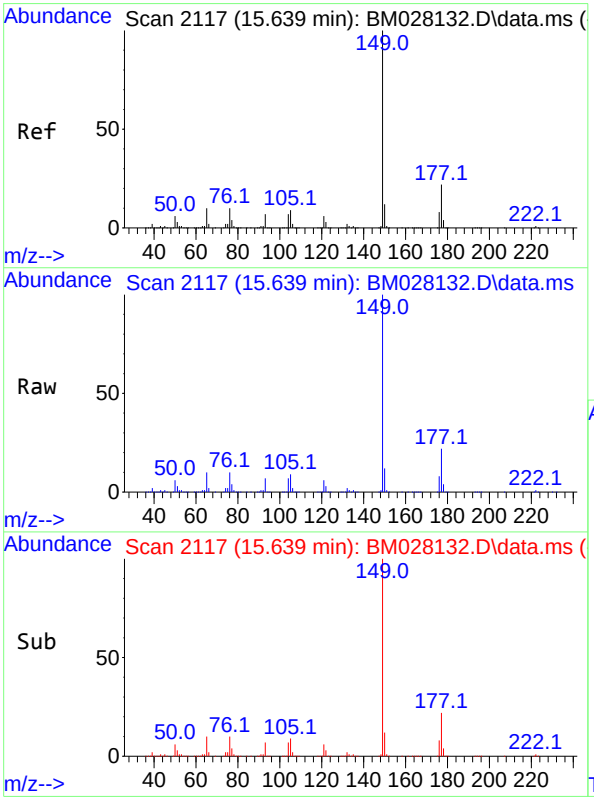


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.93 ng
RT: 15.451 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:232 Resp: 372533

Ion	Ratio	Lower	Upper
232	100		
131	45.8	32.2	48.2
130	2.4	1.8	2.8
166	31.4	24.5	36.7

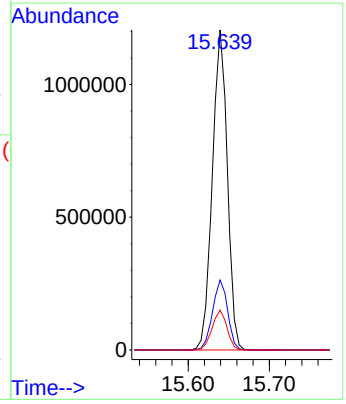




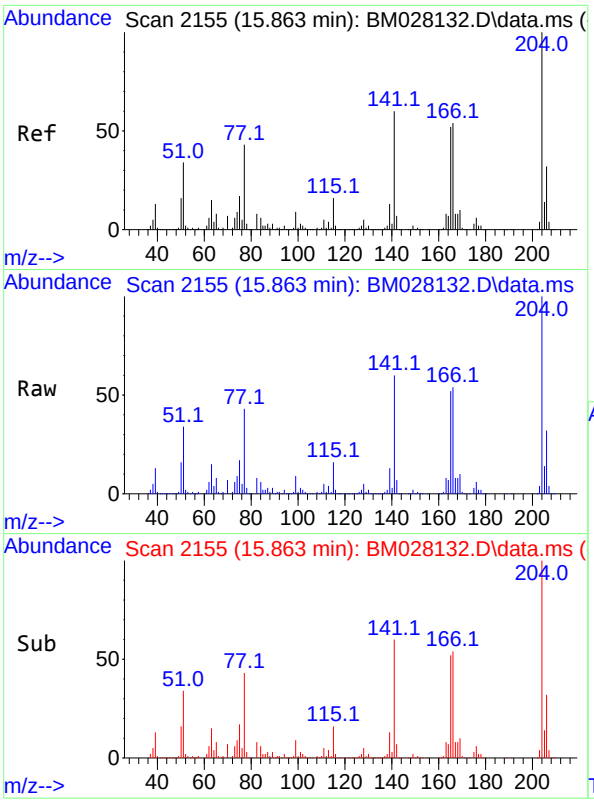
#60
Diethylphthalate
Concen: 37.05 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:149 Resp: 1539144

Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.2	27.4
150	12.4	10.2	15.4



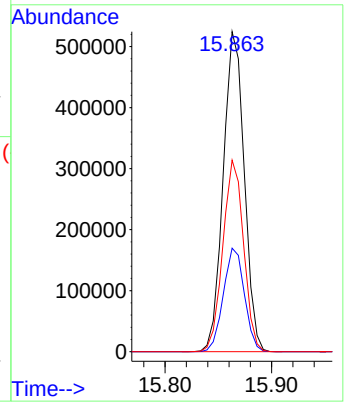
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

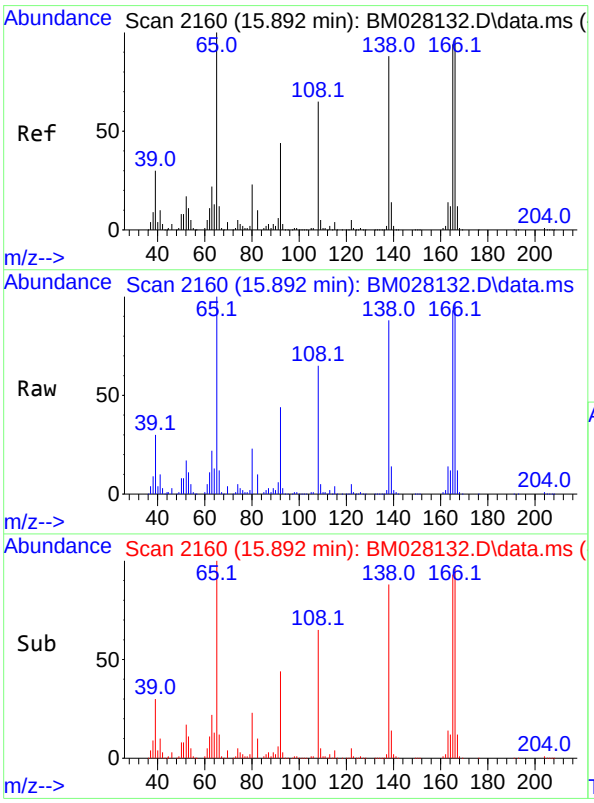


#61
4-Chlorophenyl-phenylether
Concen: 35.84 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:204 Resp: 717243

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.1	39.1
141	59.8	43.7	65.5

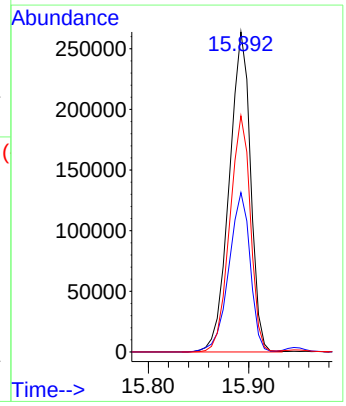




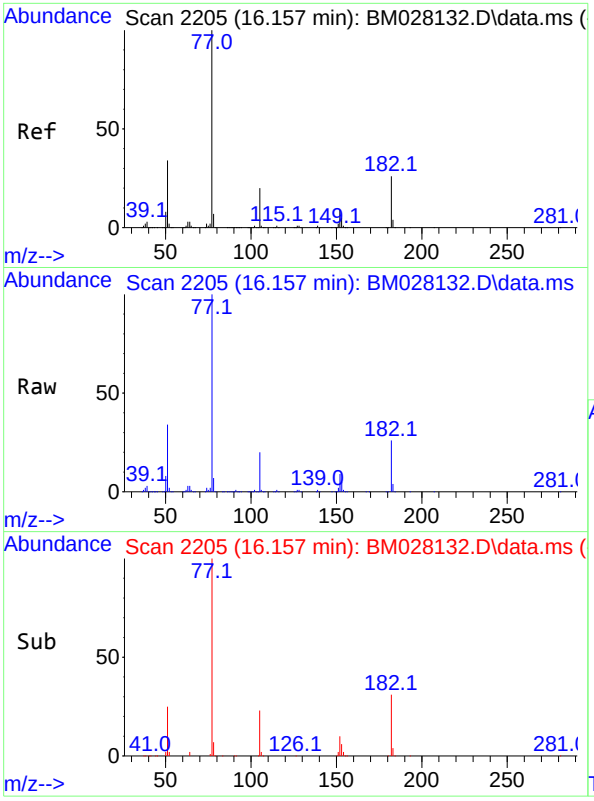
#62
4-Nitroaniline
Concen: 37.81 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:138 Resp: 389150

Ion	Ratio	Lower	Upper
138	100		
92	49.8	35.5	75.5
108	73.8	80.5	120.5#



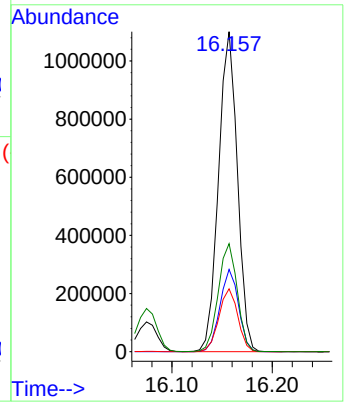
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

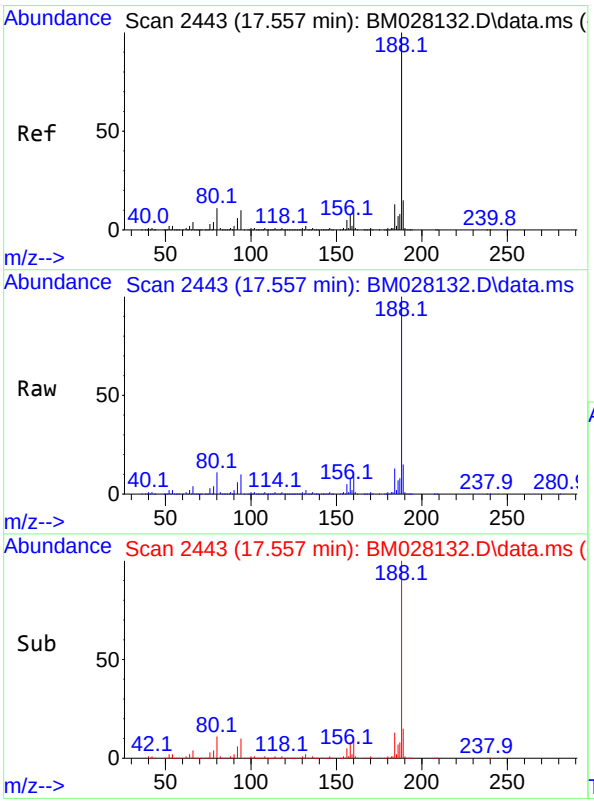


#63
Azobenzene
Concen: 33.29 ng
RT: 16.157 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion: 77 Resp: 1432695

Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.8	45.8
105	19.7	0.0	37.2
51	33.7	3.6	43.6

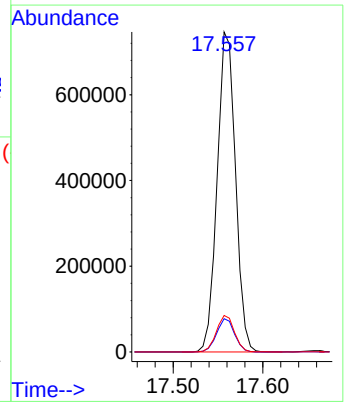




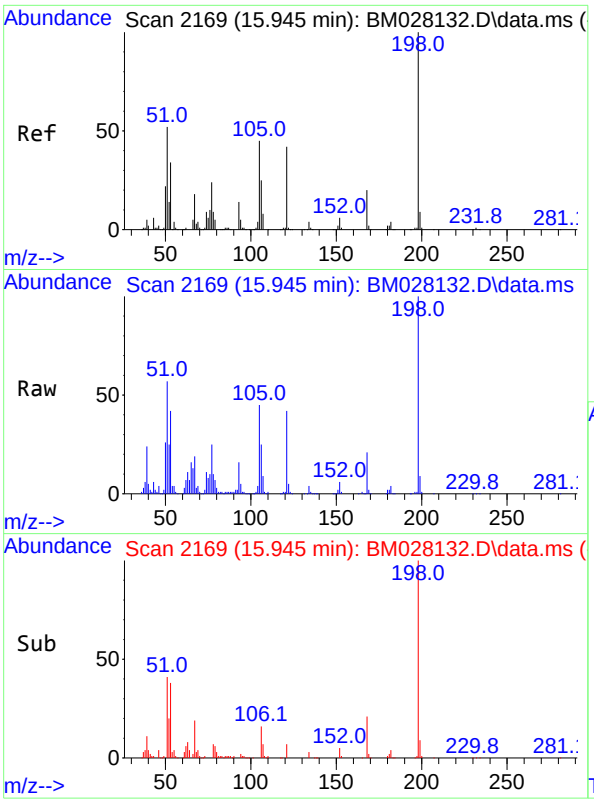
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:188 Resp: 1057778

Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.2	9.4#
80	11.4	7.5	11.3#



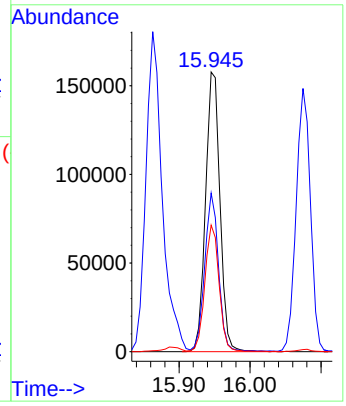
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

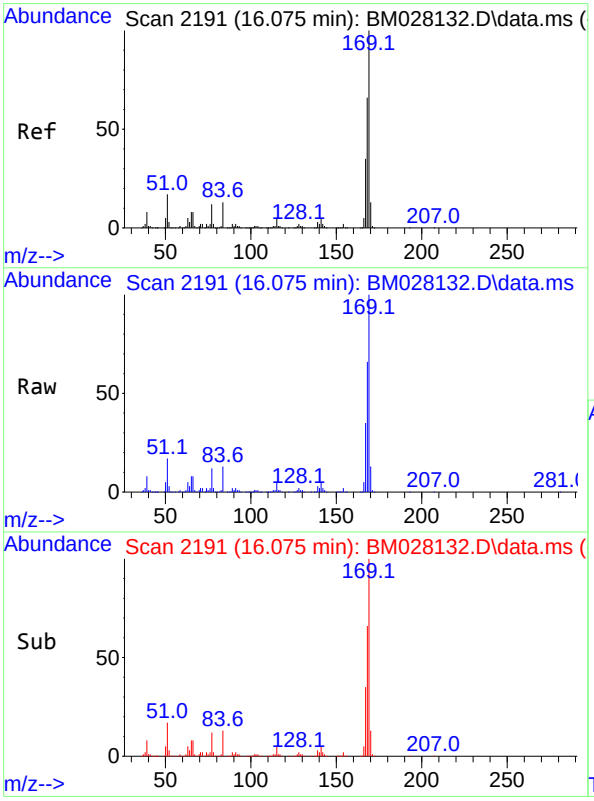


#65
4,6-Dinitro-2-methylphenol
Concen: 52.41 ng
RT: 15.945 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:198 Resp: 223134

Ion	Ratio	Lower	Upper
198	100		
51	56.7	13.0	53.0#
105	45.2	18.7	58.7

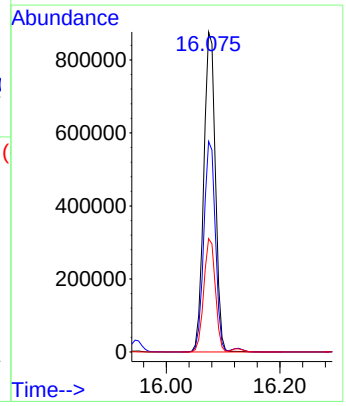


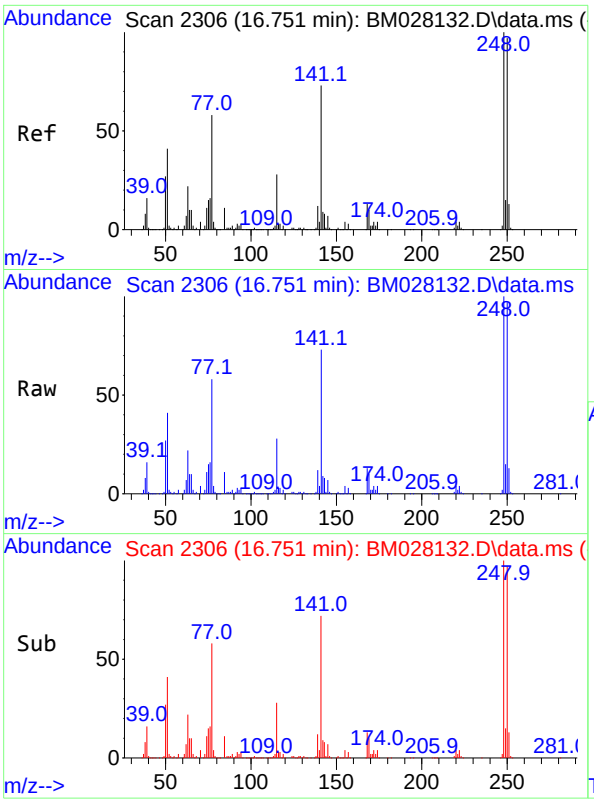


#66
n-Nitrosodiphenylamine
Concen: 38.91 ng
RT: 16.075 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:169 Resp: 1242172

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.8	80.8
167	35.4	29.0	43.4

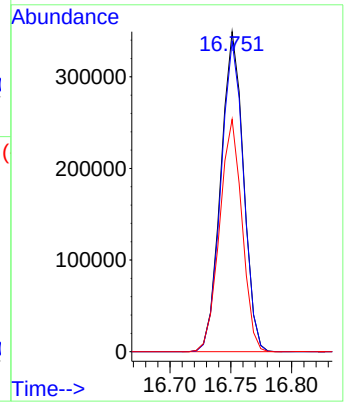




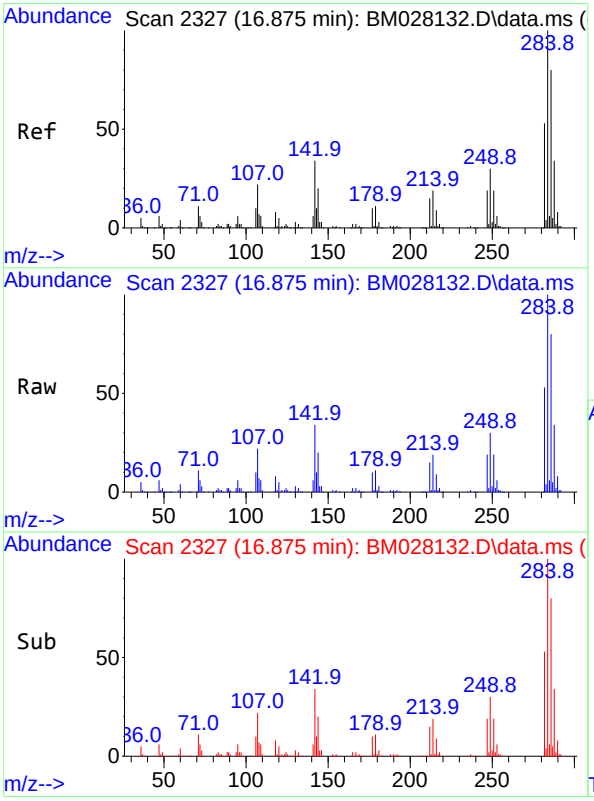
#67
4-Bromophenyl-phenylether
Concen: 39.88 ng
RT: 16.751 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:248 Resp: 451123

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.1	118.7
141	72.6	51.8	77.8



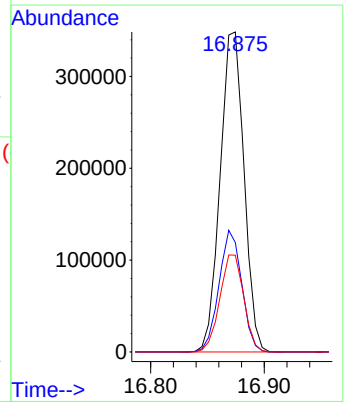
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



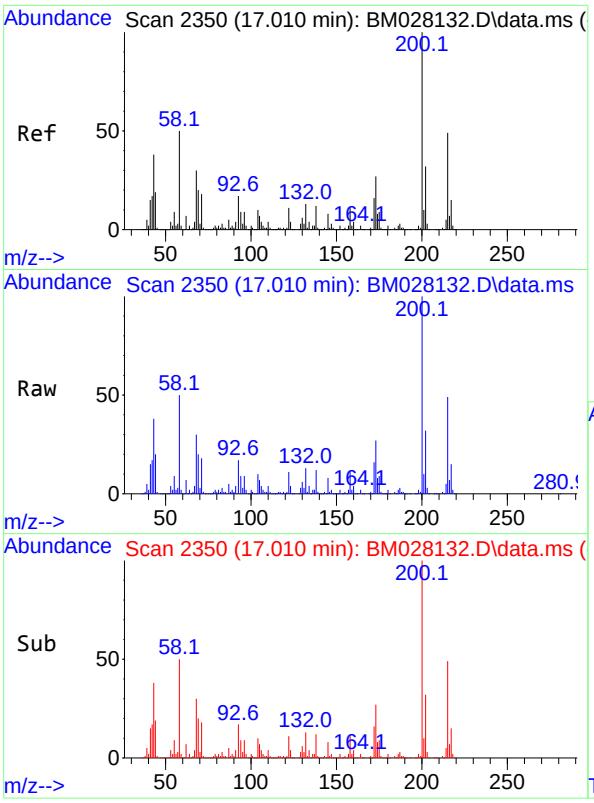
#68
Hexachlorobenzene
Concen: 38.78 ng
RT: 16.875 min Scan# 2327
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:284 Resp: 508863

Ion	Ratio	Lower	Upper
284	100		
142	34.2	26.1	39.1
249	30.3	25.6	38.4



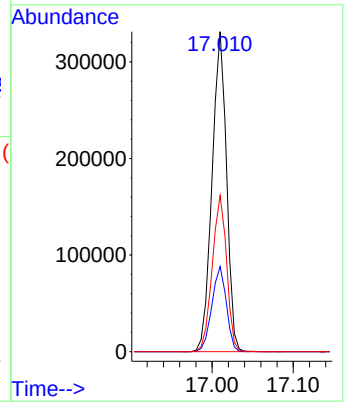
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

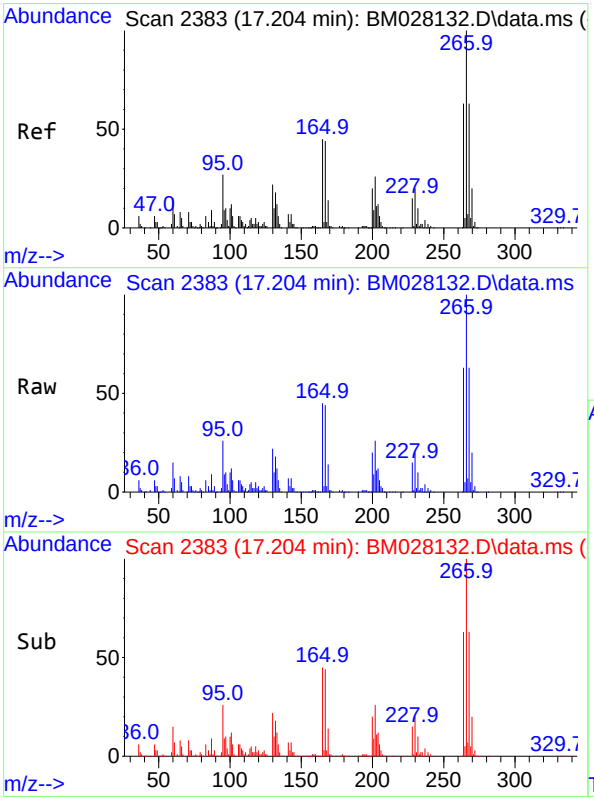


#69
Atrazine
Concen: 37.82 ng
RT: 17.010 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:200 Resp: 408707

Ion	Ratio	Lower	Upper
200	100		
173	26.6	4.9	44.9
215	48.8	29.0	69.0

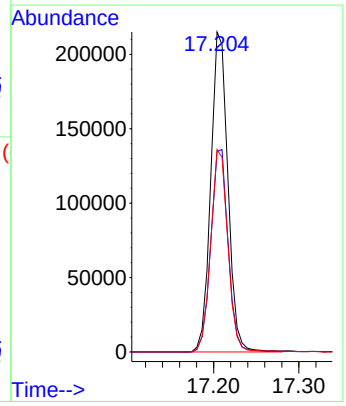




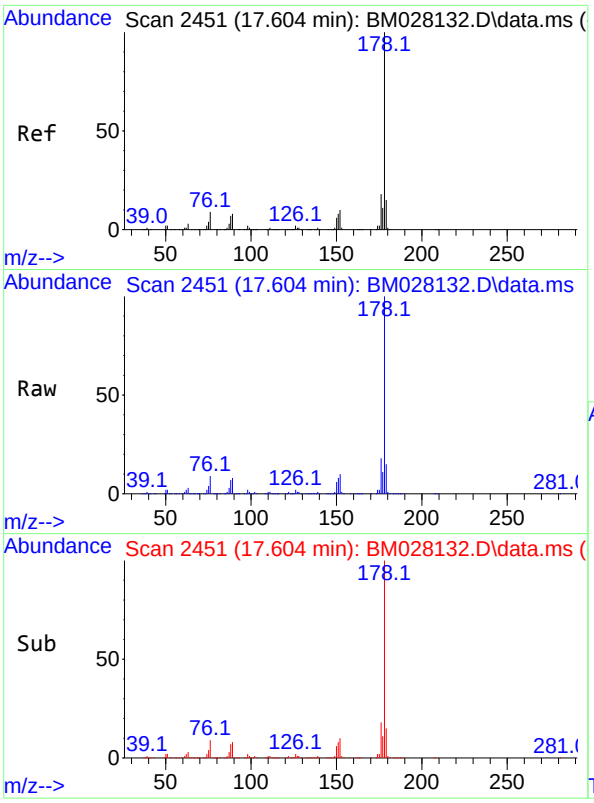
#70
Pentachlorophenol
Concen: 42.10 ng
RT: 17.204 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:266 Resp: 299348

Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.9	74.9
264	63.2	50.6	76.0



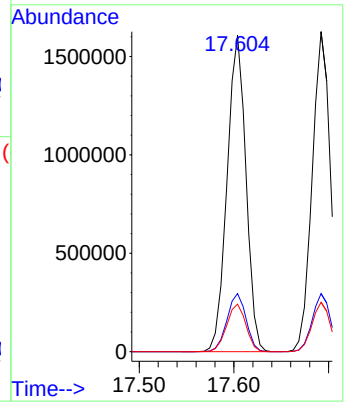
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

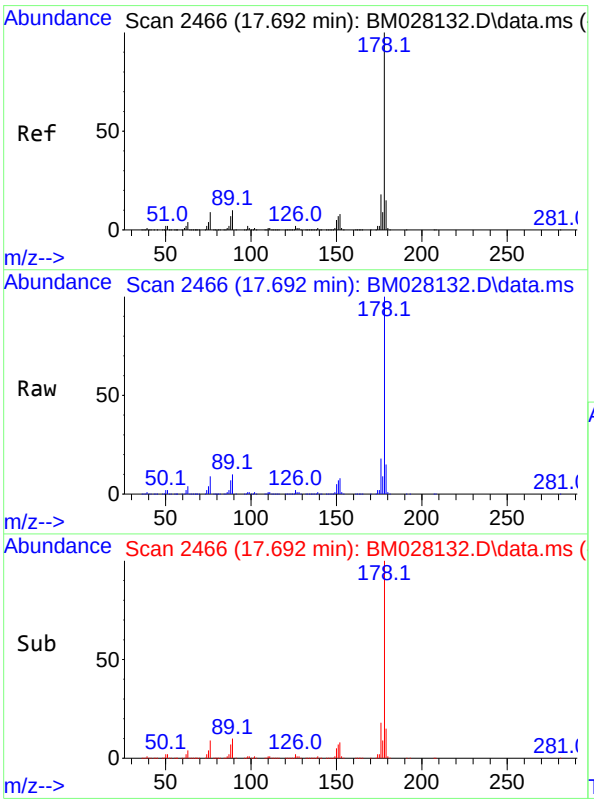


#71
Phenanthrene
Concen: 37.32 ng
RT: 17.604 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:178 Resp: 2228035

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.0	12.2	18.4

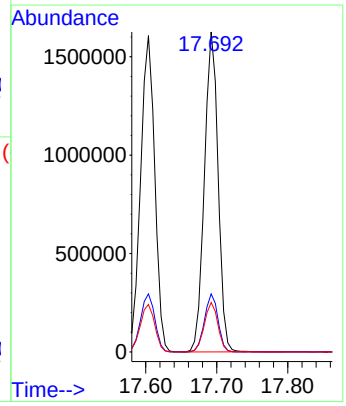




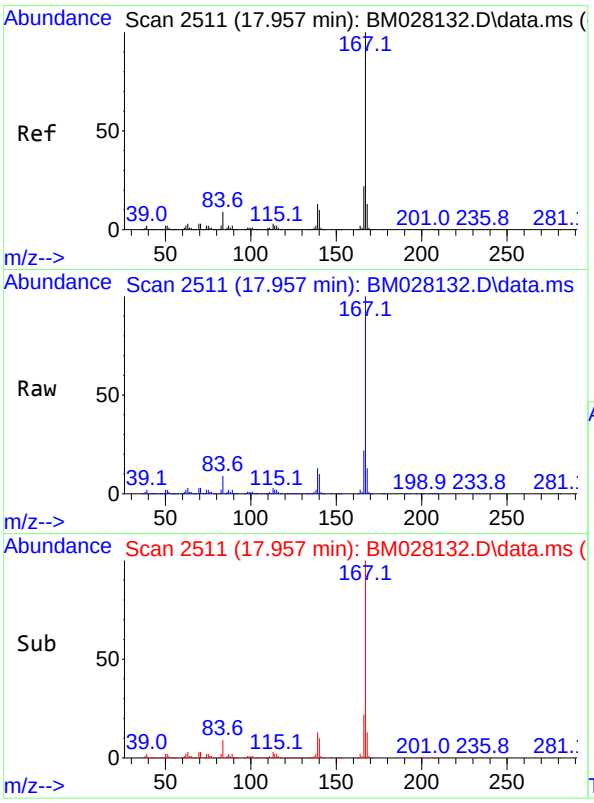
#72
Anthracene
Concen: 37.43 ng
RT: 17.692 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:178 Resp: 2184844

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.5	12.5	18.7



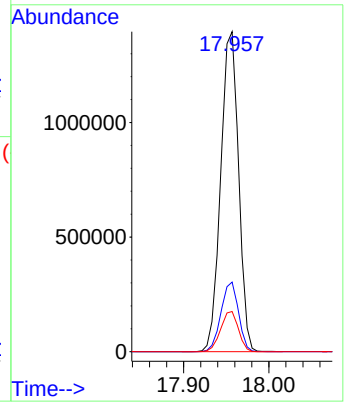
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

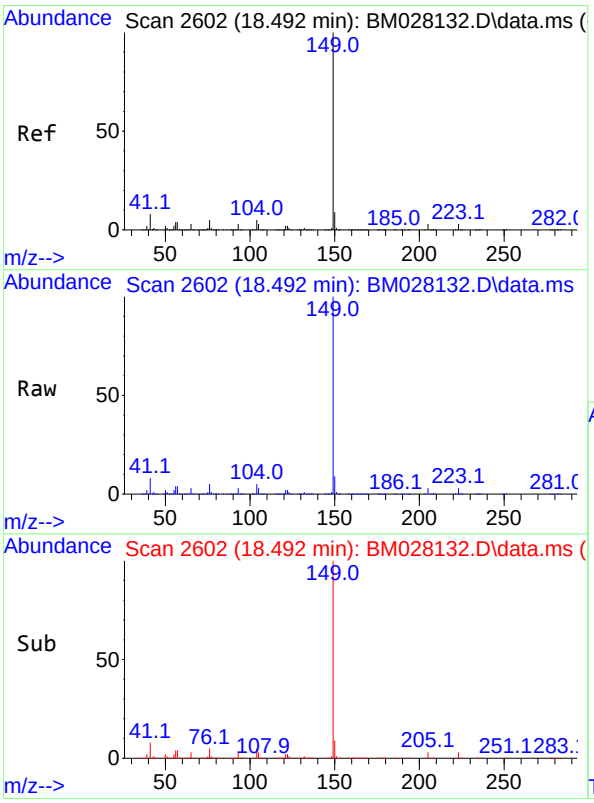


#73
Carbazole
Concen: 36.63 ng
RT: 17.957 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:167 Resp: 2032114

Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.9	25.3
139	12.6	9.9	14.9

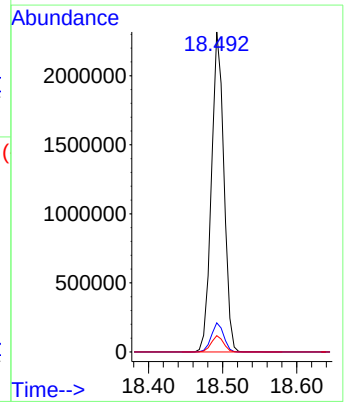




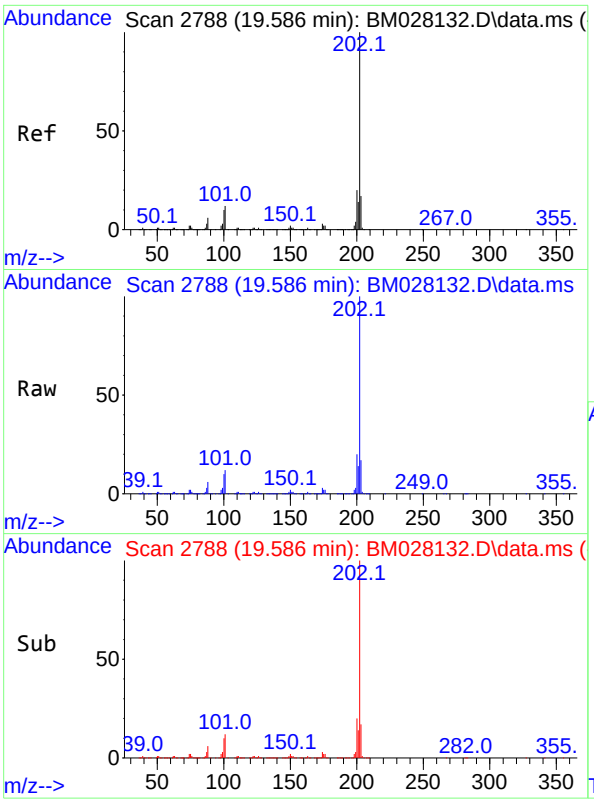
#74
Di-n-butylphthalate
Concen: 41.53 ng
RT: 18.492 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:149 Resp: 2705506

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.7	7.1



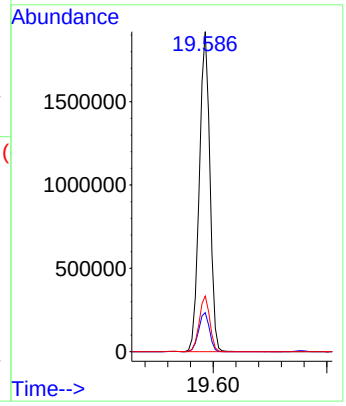
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

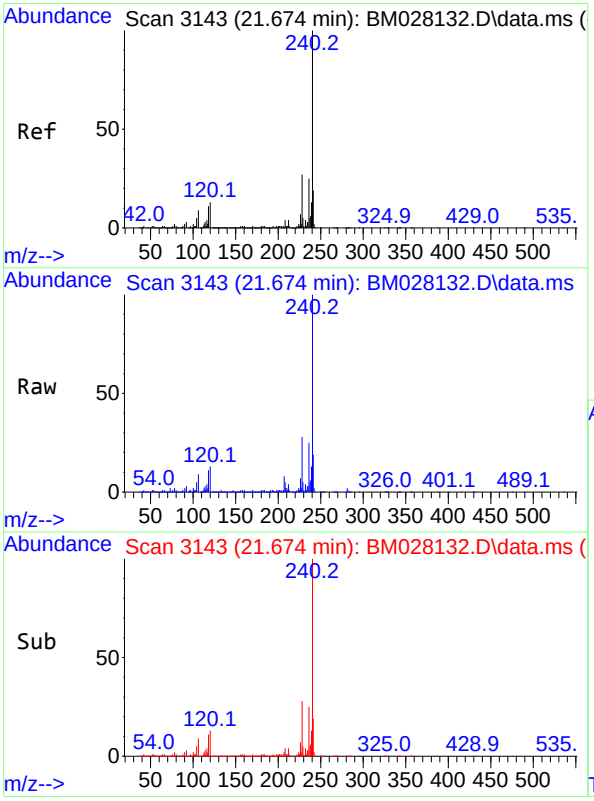


#75
Fluoranthene
Concen: 35.39 ng
RT: 19.586 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:202 Resp: 2482707

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	28.5
203	17.4	0.0	37.3

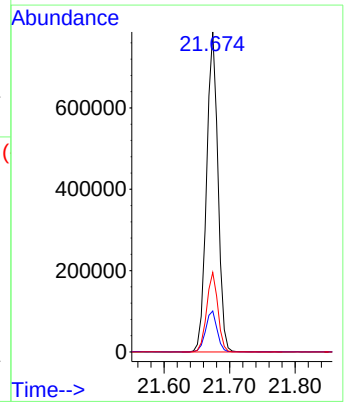




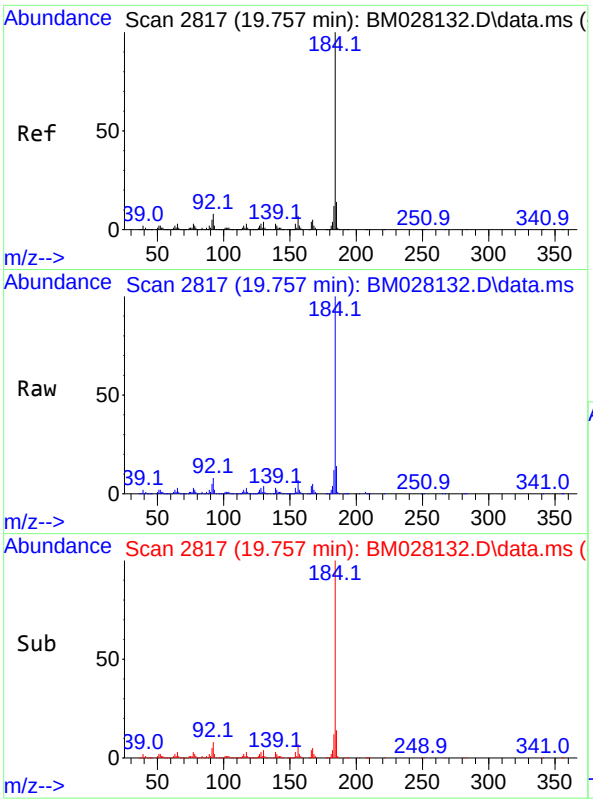
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:240 Resp: 948662

Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.4	9.6#
236	24.9	20.1	30.1



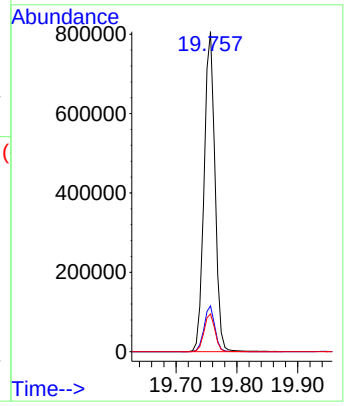
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

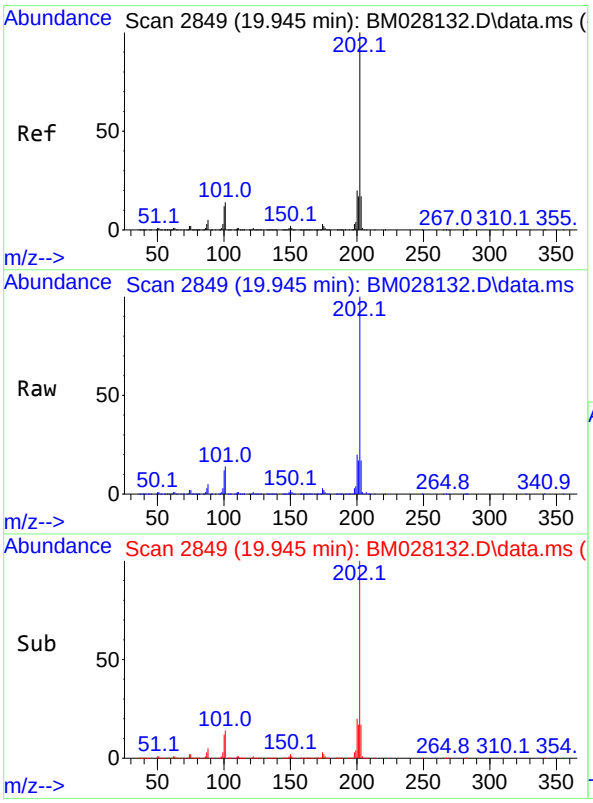


#77
Benzidine
Concen: 37.04 ng
RT: 19.757 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:184 Resp: 999906

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.0	16.6
183	11.8	9.7	14.5

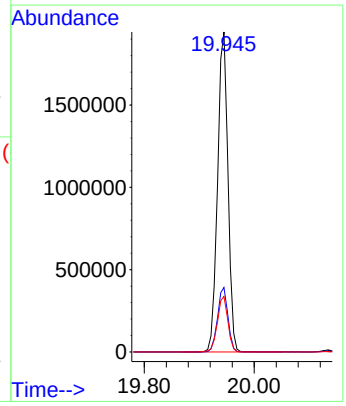




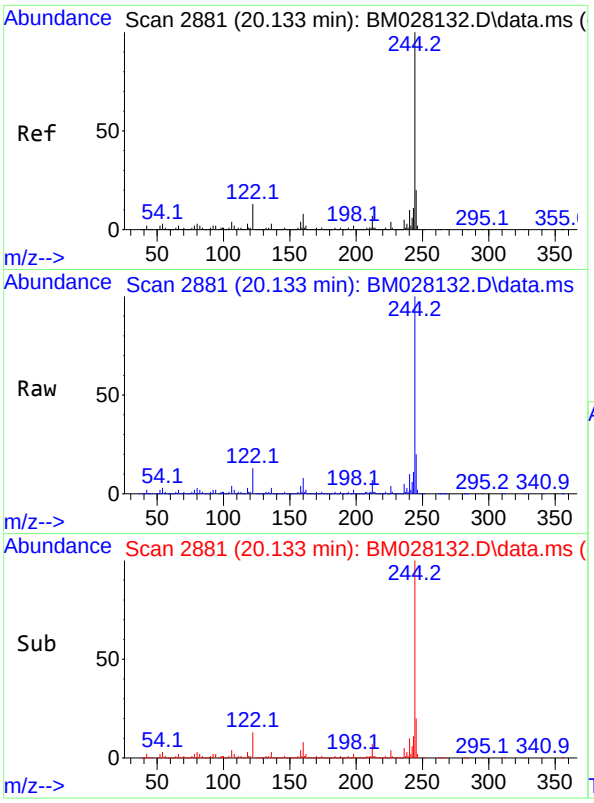
#78
Pyrene
Concen: 38.76 ng
RT: 19.945 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:202 Resp: 2550941

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.3	13.8	20.6



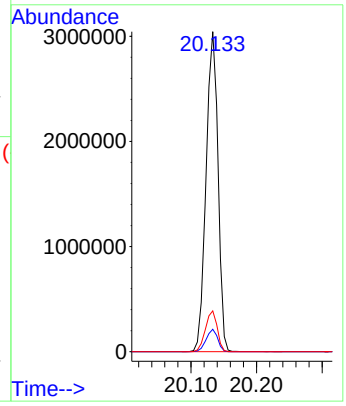
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

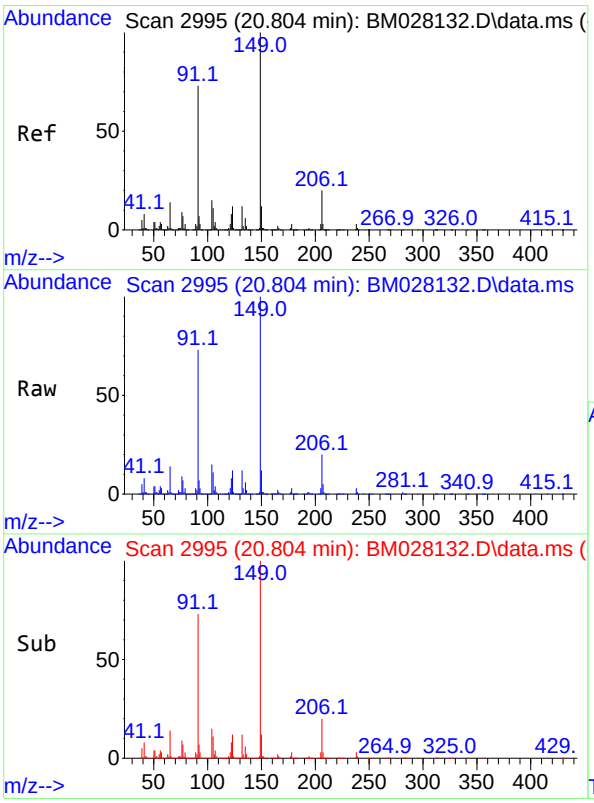


#79
Terphenyl-d14
Concen: 80.29 ng
RT: 20.133 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:244 Resp: 3861452

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.7	6.5	9.7#

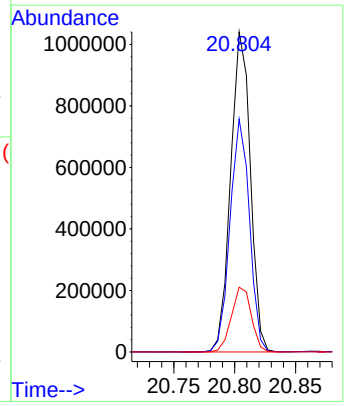




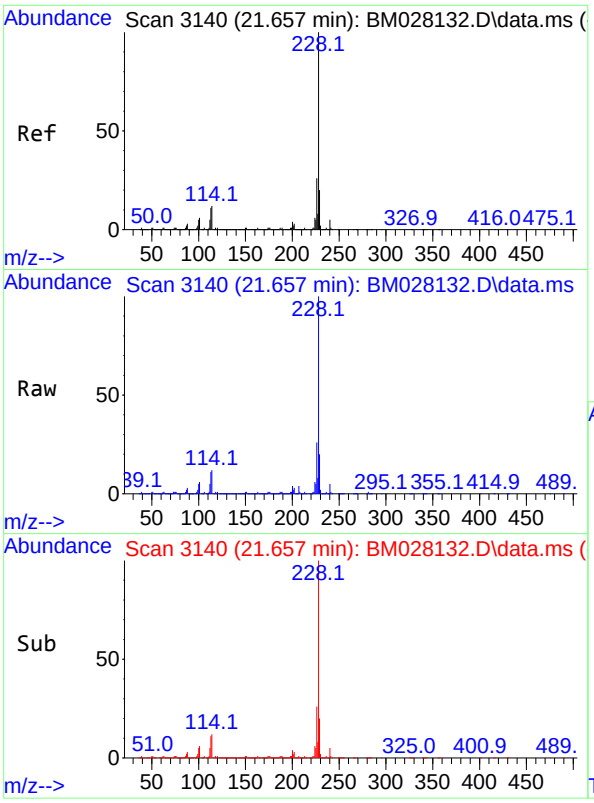
#80
Butylbenzylphthalate
Concen: 46.95 ng
RT: 20.804 min Scan# 2995
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:149 Resp: 1169067

Ion	Ratio	Lower	Upper
149	100		
91	72.8	58.1	87.1
206	20.2	18.7	28.1



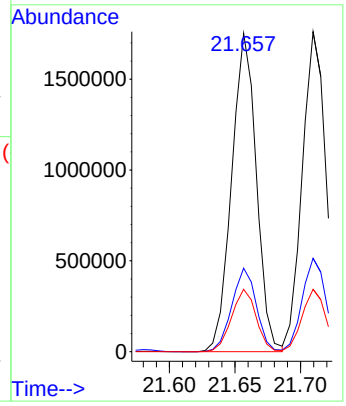
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

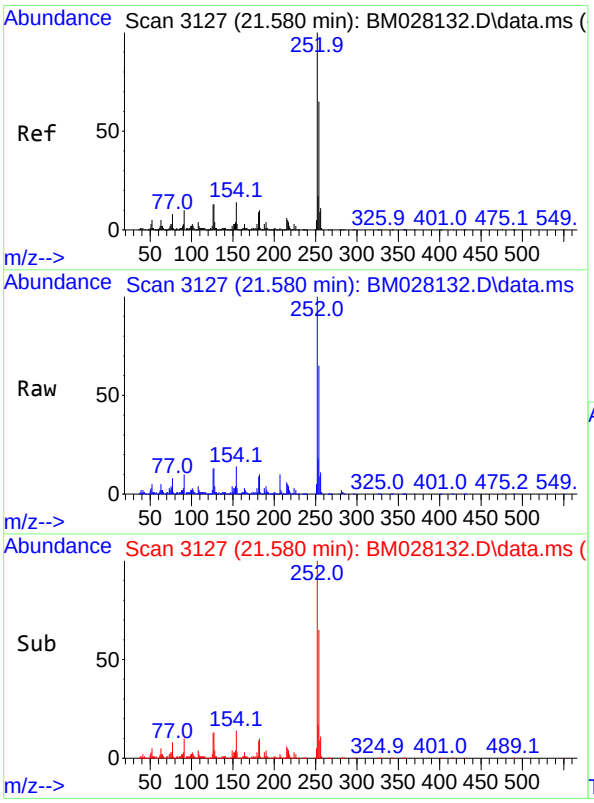


#81
Benzo(a)anthracene
Concen: 35.84 ng
RT: 21.657 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:228 Resp: 2295260

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.1	31.7
229	19.6	15.7	23.5

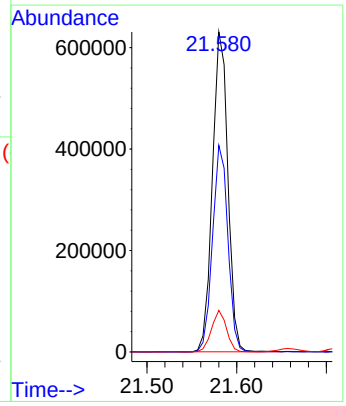




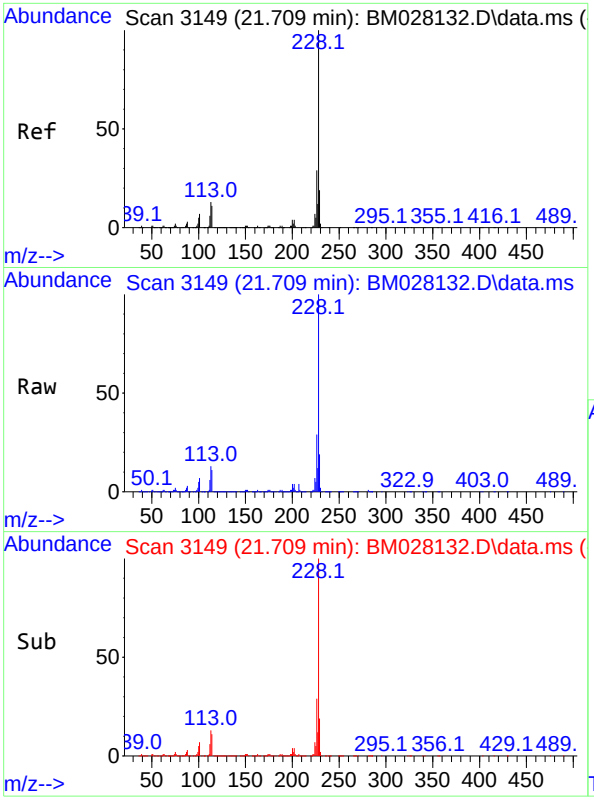
#82
3,3'-Dichlorobenzidine
Concen: 34.29 ng
RT: 21.580 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:252 Resp: 753570

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.0
126	13.0	6.8	10.2#



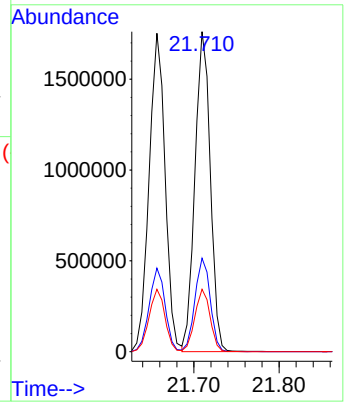
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

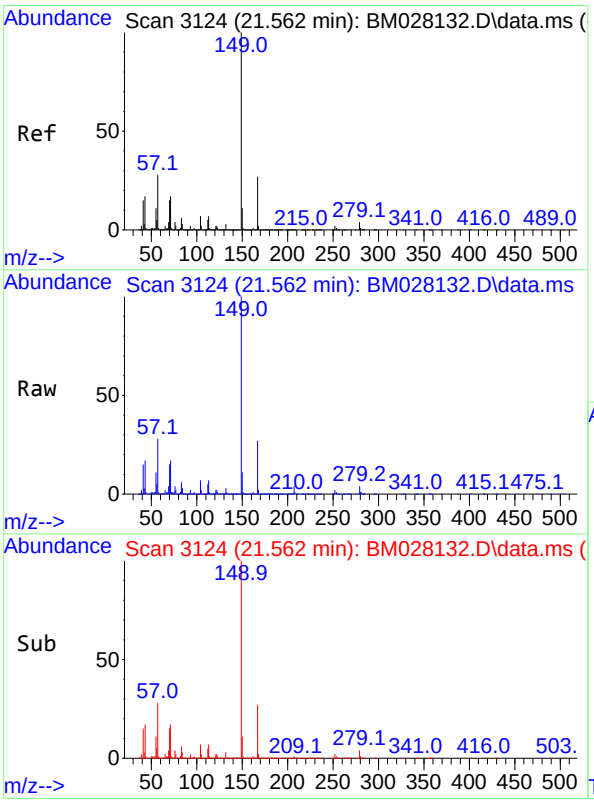


#83
Chrysene
Concen: 35.65 ng
RT: 21.709 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:228 Resp: 2202090

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	19.5	15.7	23.5

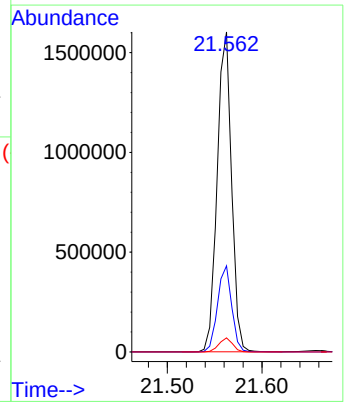




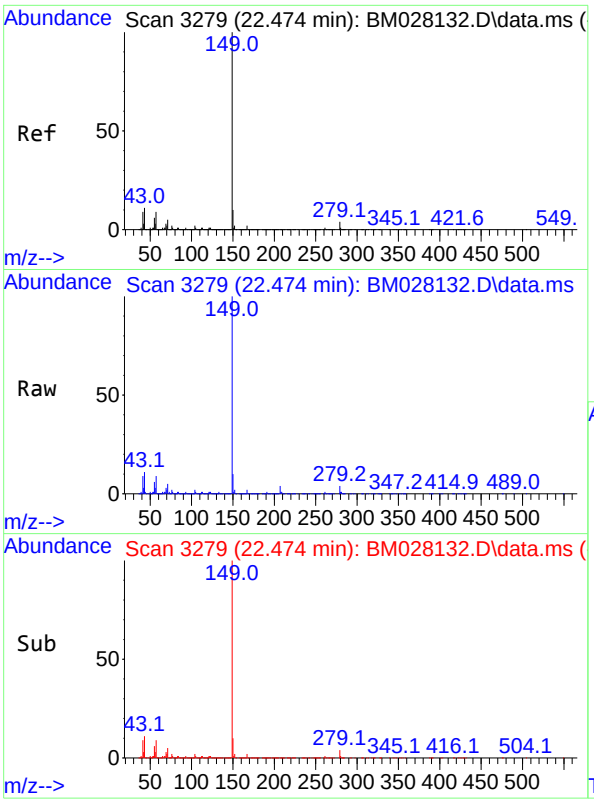
#84
Bis(2-ethylhexyl)phthalate
Concen: 46.17 ng
RT: 21.562 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:149 Resp: 1680812

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.7	34.1
279	4.4	4.0	6.0



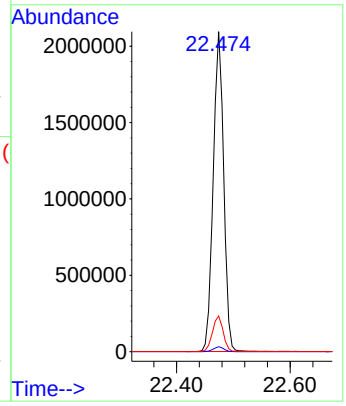
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

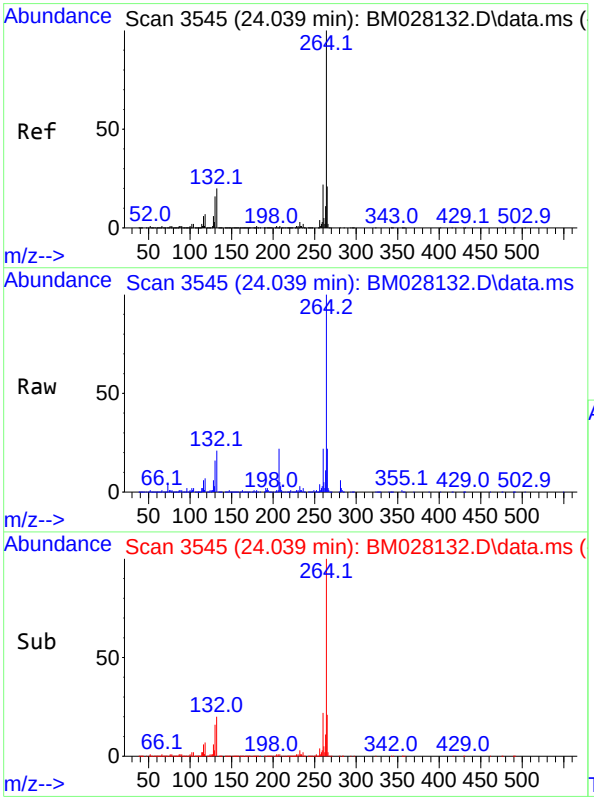


#85
Di-n-octyl phthalate
Concen: 43.23 ng
RT: 22.474 min Scan# 3279
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:149 Resp: 2655684

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	5.8	8.6#

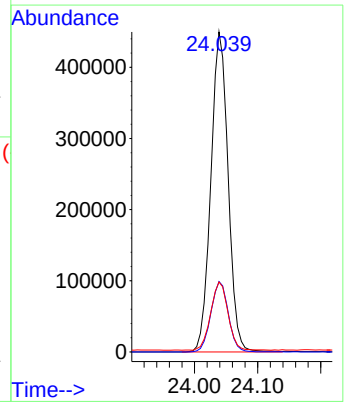




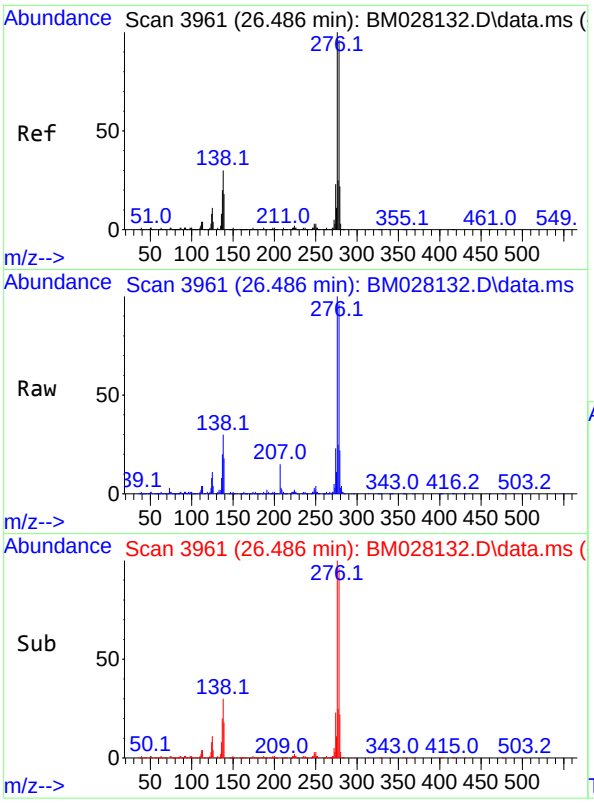
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.039 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:264 Resp: 854516

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	21.9	17.7	26.5



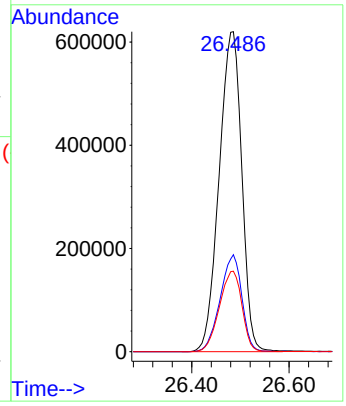
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

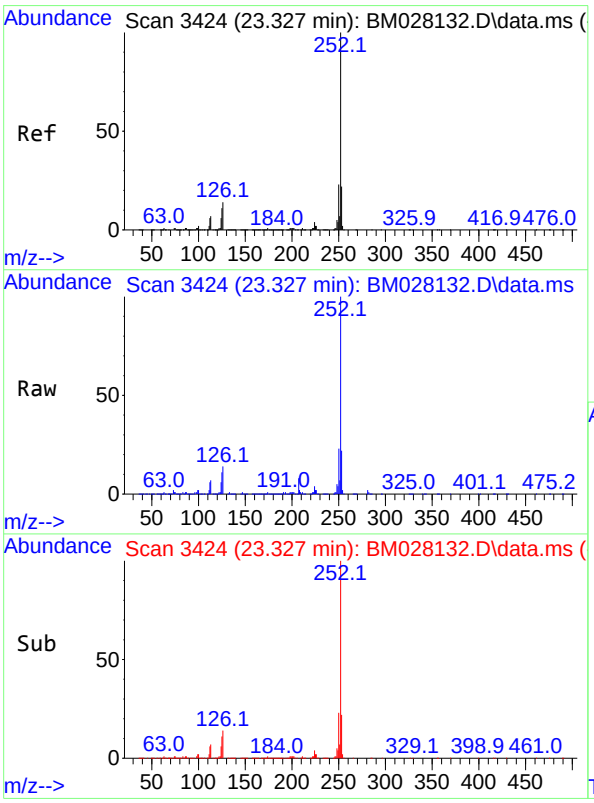


#87
Indeno(1,2,3-cd)pyrene
Concen: 32.00 ng
RT: 26.486 min Scan# 3961
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:276 Resp: 1999148

Ion	Ratio	Lower	Upper
276	100		
138	29.2	14.2	21.4#
277	25.1	19.8	29.8

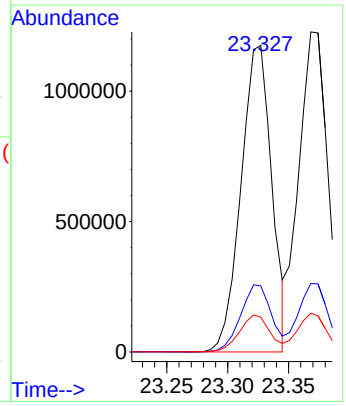




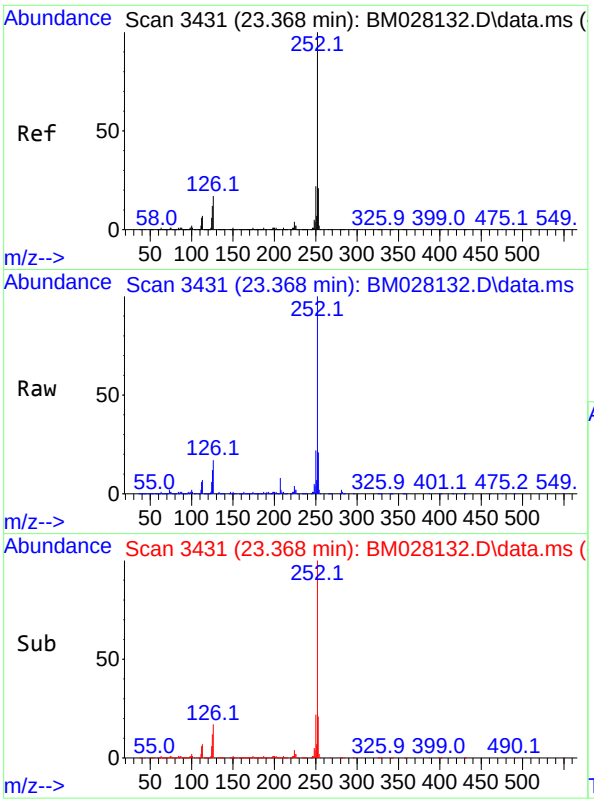
#88
Benzo(b)fluoranthene
Concen: 35.40 ng
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:252 Resp: 2062380

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	11.3	5.7	8.5#



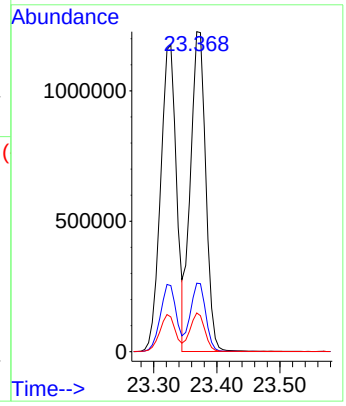
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

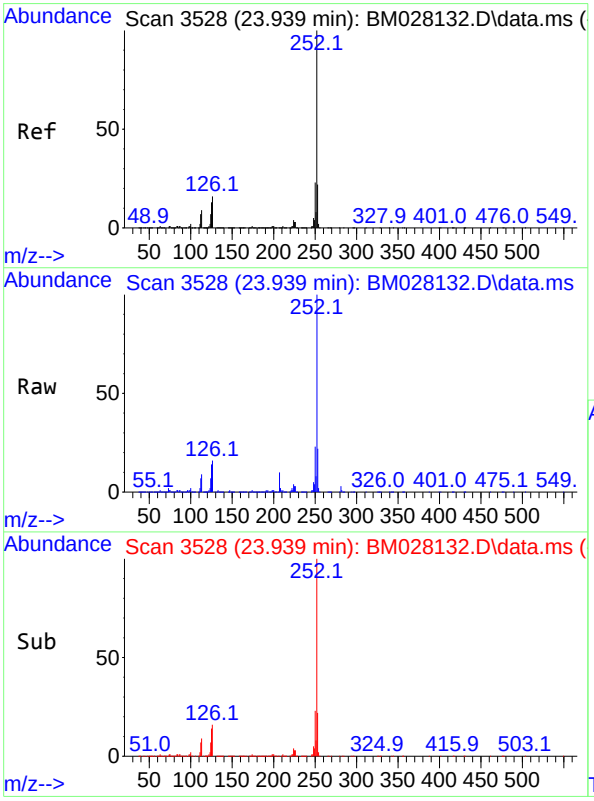


#89
Benzo(k)fluoranthene
Concen: 37.15 ng
RT: 23.368 min Scan# 3431
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:252 Resp: 2059915

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	12.1	5.6	8.4#

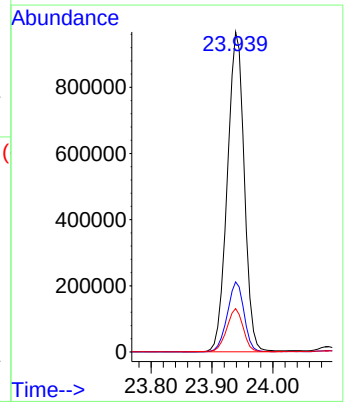




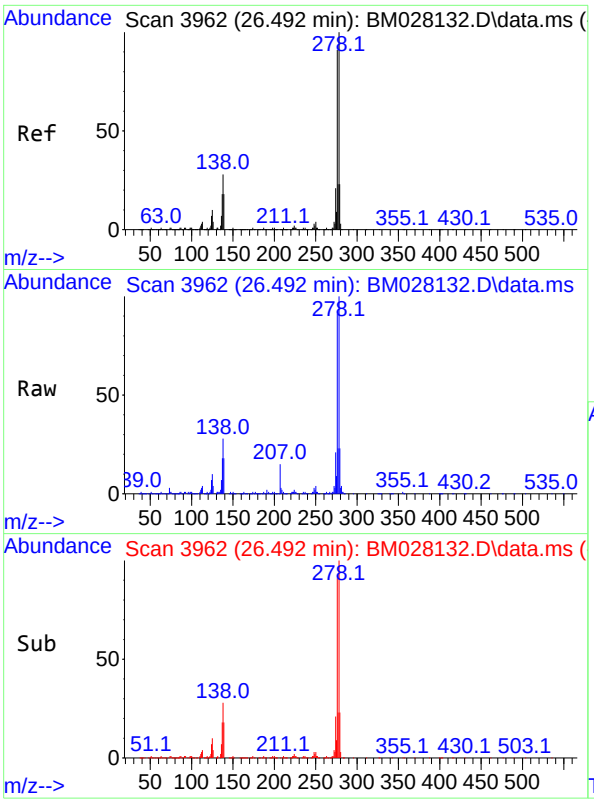
#90
Benzo(a)pyrene
Concen: 34.69 ng
RT: 23.939 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:252 Resp: 1865129

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	13.5	6.6	9.8#



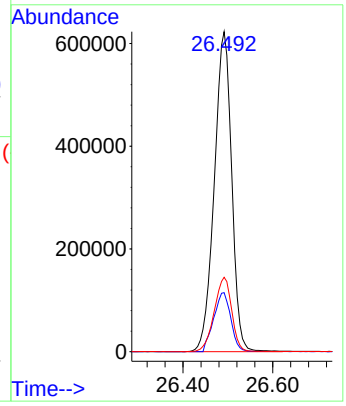
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

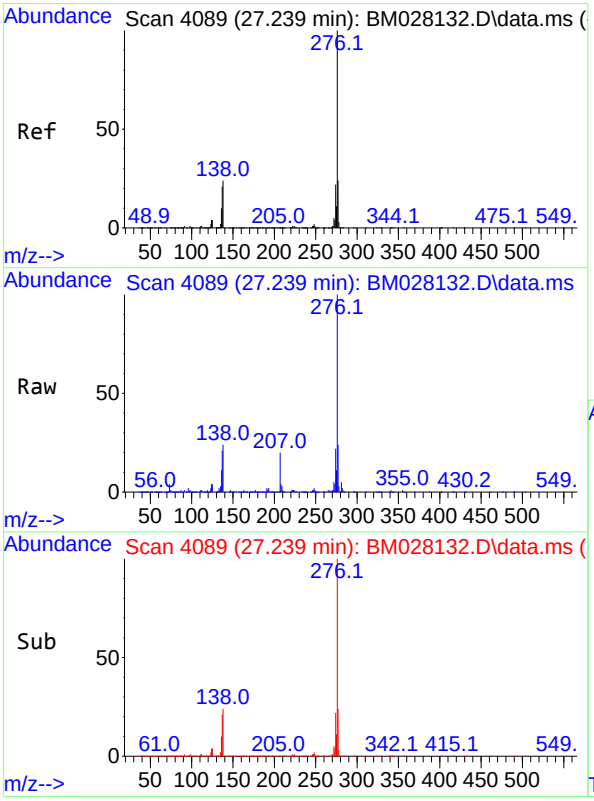


#91
Dibenzo(a,h)anthracene
Concen: 32.82 ng
RT: 26.492 min Scan# 3962
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

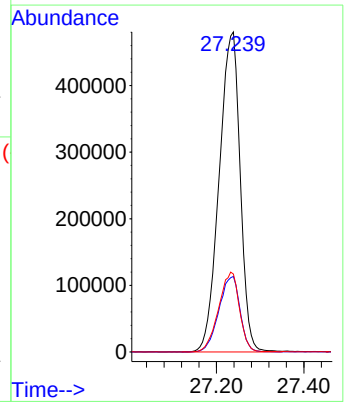
Tgt Ion:278 Resp: 1676447

Ion	Ratio	Lower	Upper
278	100		
139	18.5	9.0	13.6#
279	23.2	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 32.01 ng
RT: 27.239 min Scan# 4089
Delta R.T. 0.000 min
Lab File: BM028132.D
Acq: 15 Dec 2020 18:09

Tgt Ion:276 Resp: 1599779

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	24.4	12.2	18.2#